

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137877.D
 Acq On : 10 May 2024 13:03
 Operator : CG\JU
 Sample : PB160825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:31:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	170087	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	689675	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	383994	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	673281	20.000	ng	0.00
76) Chrysene-d12	14.245	240	421900	20.000	ng	0.00
86) Perylene-d12	15.810	264	354271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1237788	121.844	ng	0.01
7) Phenol-d6	6.669	99	1528872	118.651	ng	0.00
23) Nitrobenzene-d5	7.616	82	997499	84.029	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	537092	136.990	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2058363	86.965	ng	-0.01
79) Terphenyl-d14	13.180	244	2415175	95.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	158264	34.596	ng	97
3) Pyridine	3.810	79	403426	36.438	ng	96
4) n-Nitrosodimethylamine	3.781	42	189863	38.082	ng	91
6) Aniline	6.710	93	423462m	33.157	ng	
8) 2-Chlorophenol	6.834	128	481321	43.476	ng	99
9) Benzaldehyde	6.604	77	167167	24.091	ng	97
10) Phenol	6.681	94	537533	40.712	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	425791	41.186	ng	99
12) 1,3-Dichlorobenzene	6.993	146	513107	41.100	ng	97
13) 1,4-Dichlorobenzene	7.069	146	516855	41.260	ng	97
14) 1,2-Dichlorobenzene	7.222	146	509161	43.154	ng	99
15) Benzyl Alcohol	7.187	79	383854	43.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	589164	40.544	ng	98
17) 2-Methylphenol	7.287	107	393403	44.039	ng	98
18) Hexachloroethane	7.563	117	186565	44.055	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	323268	41.980	ng	95
20) 3+4-Methylphenols	7.440	107	511019	43.480	ng	94
22) Acetophenone	7.457	105	673289	43.407	ng	98
24) Nitrobenzene	7.634	77	499005	40.786	ng	95
25) Isophorone	7.869	82	892263	41.688	ng	97
26) 2-Nitrophenol	7.945	139	268572	48.475	ng	93
27) 2,4-Dimethylphenol	7.975	122	365430	45.815	ng	99
28) bis(2-Chloroethoxy)met...	8.075	93	539892	41.662	ng	99
29) 2,4-Dichlorophenol	8.187	162	427790	44.372	ng	98
30) 1,2,4-Trichlorobenzene	8.269	180	453964	43.194	ng	99
31) Naphthalene	8.357	128	1455752	42.474	ng	100
32) Benzoic acid	8.087	122	288628	41.945	ng	95
33) 4-Chloroaniline	8.398	127	199728	15.715	ng	98
34) Hexachlorobutadiene	8.469	225	271032	42.003	ng	99
35) Caprolactam	8.769	113	136307m	44.623	ng	
36) 4-Chloro-3-methylphenol	8.875	107	442126	43.976	ng	95
37) 2-Methylnaphthalene	9.051	142	952386	42.928	ng	100
38) 1-Methylnaphthalene	9.151	142	886444	40.613	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	445853	43.839	ng	99
41) Hexachlorocyclopentadiene	9.198	237	519819	125.836	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	305760	44.166	ng	99

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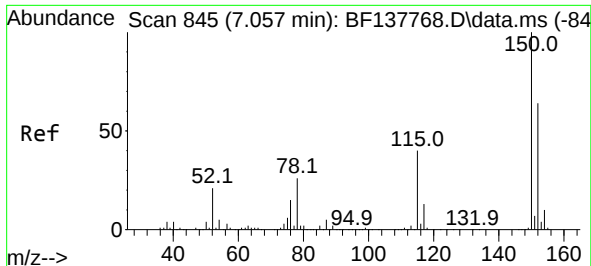
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.363	196	332974	43.558	ng	97	05/13/2024
46) 1,1'-Biphenyl	9.516	154	1167684	44.310	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.539	162	894270	42.032	ng	98	
48) 2-Nitroaniline	9.634	65	259014	44.888	ng	97	
49) Acenaphthylene	9.963	152	1450715	47.136	ng	100	
50) Dimethylphthalate	9.810	163	1083803	44.709	ng	100	
51) 2,6-Dinitrotoluene	9.875	165	245740	44.358	ng	94	05/13/2024
52) Acenaphthene	10.134	154	960160	47.066	ng	100	
53) 3-Nitroaniline	10.045	138	171049	29.484	ng	94	
54) 2,4-Dinitrophenol	10.151	184	259796	95.441	ng	91	
55) Dibenzofuran	10.304	168	1308675	44.082	ng	99	
56) 4-Nitrophenol	10.198	139	407107	84.669	ng	94	
57) 2,4-Dinitrotoluene	10.281	165	335867	46.407	ng	98	
58) Fluorene	10.651	166	1018074	43.090	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.416	232	278277	44.839	ng	99	
60) Diethylphthalate	10.510	149	1009297	43.839	ng	99	
61) 4-Chlorophenyl-phenyle...	10.639	204	499883	42.939	ng	99	
62) 4-Nitroaniline	10.669	138	248659	42.257	ng	97	
63) Azobenzene	10.798	77	947998	42.603	ng	97	
65) 4,6-Dinitro-2-methylph...	10.692	198	184470	47.736	ng	79	
66) n-Nitrosodiphenylamine	10.757	169	906502	44.979	ng	99	
67) 4-Bromophenyl-phenylether	11.133	248	316423	43.914	ng	96	
68) Hexachlorobenzene	11.198	284	348013	44.196	ng	96	
69) Atrazine	11.281	200	305270	49.677	ng	98	
70) Pentachlorophenol	11.392	266	440892	81.555	ng	100	
71) Phenanthrene	11.622	178	1448054	44.125	ng	100	
72) Anthracene	11.675	178	1497717	45.869	ng	99	
73) Carbazole	11.822	167	1363234	43.320	ng	99	
74) Di-n-butylphthalate	12.139	149	1550400	45.165	ng	100	
75) Fluoranthene	12.816	202	1528265	42.603	ng	98	
77) Benzidine	12.927	184	403721	41.375	ng	99	
78) Pyrene	13.045	202	1566891	46.841	ng	100	
80) Butylbenzylphthalate	13.651	149	564117	53.150	ng	96	
81) Benzo(a)anthracene	14.233	228	1231248	45.628	ng	100	
82) 3,3'-Dichlorobenzidine	14.192	252	260322	32.225	ng	# 98	
83) Chrysene	14.274	228	1149105	45.480	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.204	149	721224	53.919	ng	99	
85) Di-n-octyl phthalate	14.833	149	979504	54.412	ng	98	
87) Indeno(1,2,3-cd)pyrene	17.451	276	1011018	50.196	ng	99	
88) Benzo(b)fluoranthene	15.339	252	963078	43.693	ng	99	
89) Benzo(k)fluoranthene	15.374	252	894237	41.975	ng	98	
90) Benzo(a)pyrene	15.745	252	862794	47.980	ng	99	
91) Dibenzo(a,h)anthracene	17.468	278	822627	50.177	ng	100	
92) Benzo(g,h,i)perylene	17.951	276	781501	45.472	ng	98	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



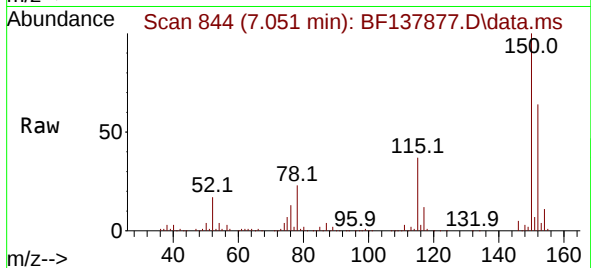
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

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BNA_F

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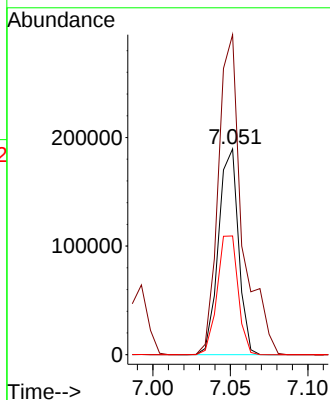
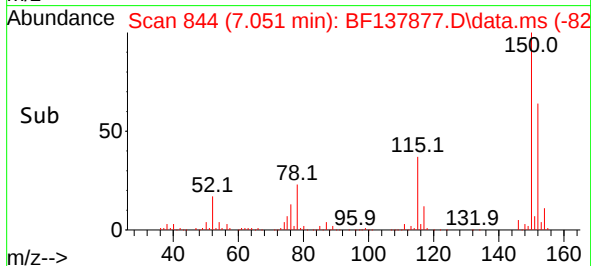
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Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 57.7 49.1 73.7

Manual Integrations

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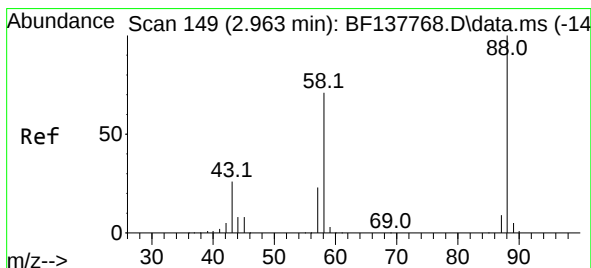
Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



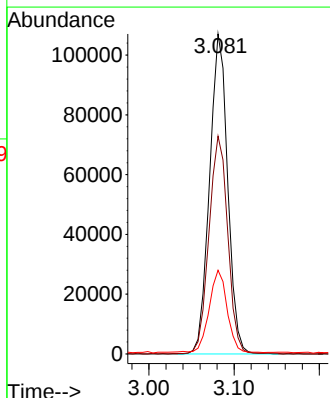
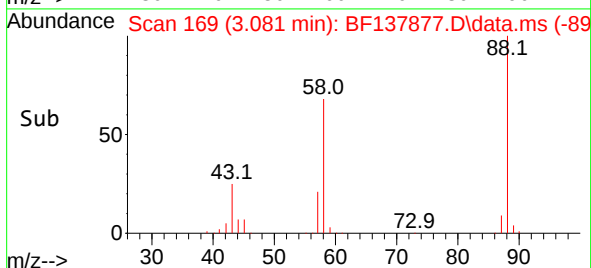
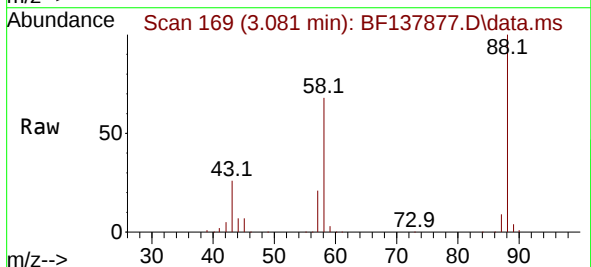
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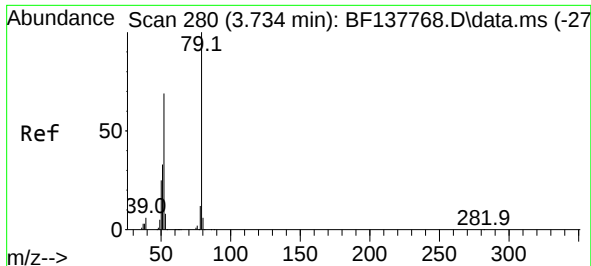
05/13/2024



#2
1,4-Dioxane
Concen: 34.596 ng
RT: 3.081 min Scan# 169
Delta R.T. 0.118 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

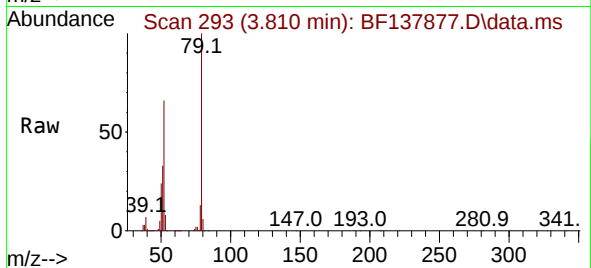
Tgt Ion: 88 Resp: 158264
Ion Ratio Lower Upper
88 100
58 70.5 58.8 88.2
43 25.6 21.4 32.0





#3
Pyridine
Concen: 36.438 ng
RT: 3.810 min Scan# 24
Delta R.T. 0.077 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

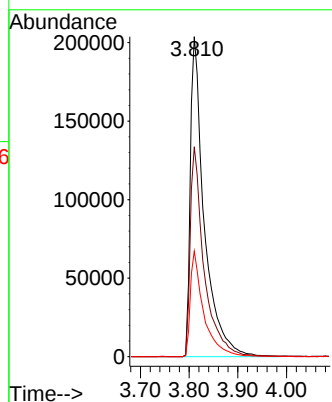
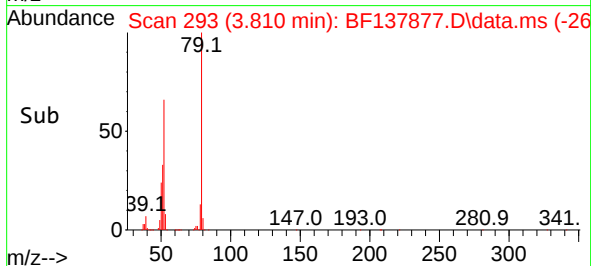
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion: 79 Resp: 403420
Ion Ratio Lower Upper
79 100
52 65.6 55.5 83.3
51 33.0 26.9 40.3

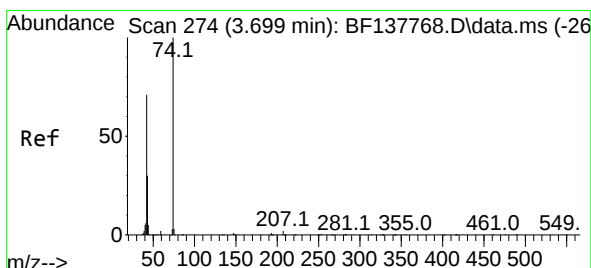
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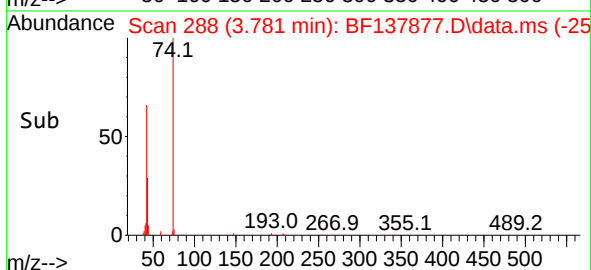
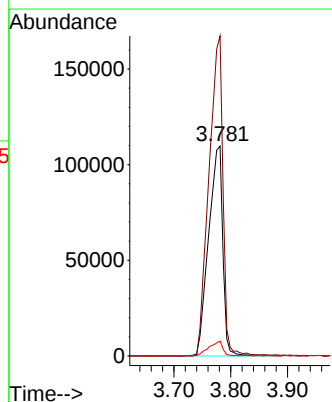
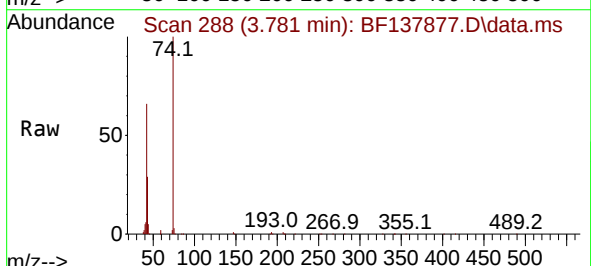
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ahmed

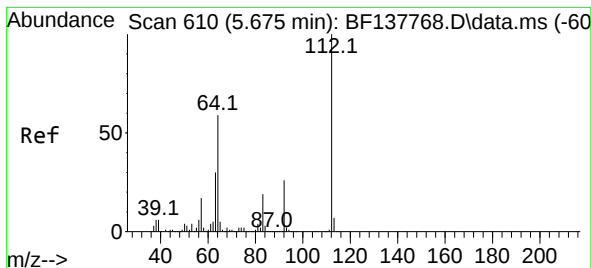
05/13/2024



#4
n-Nitrosodimethylamine
Concen: 38.082 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.082 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 42 Resp: 189863
Ion Ratio Lower Upper
42 100
74 152.5 112.9 169.3
44 7.1 5.6 8.4





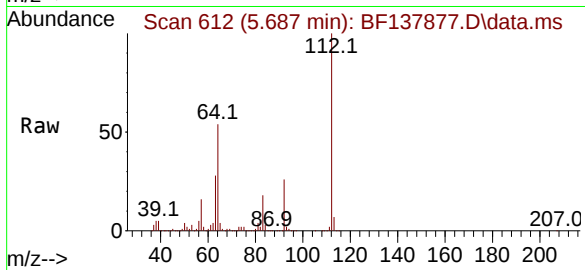
#5
2-Fluorophenol
Concen: 121.844 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNF

ClientSampleId :

PB160825BS



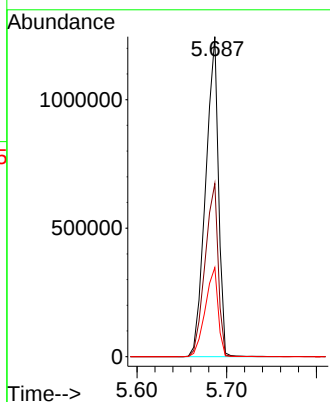
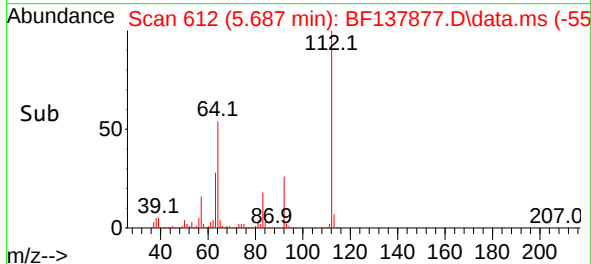
Tgt Ion:112 Resp: 123778
Ion Ratio Lower Upper
112 100
64 54.1 47.3 70.9
63 27.9 23.7 35.5

Manual Integrations

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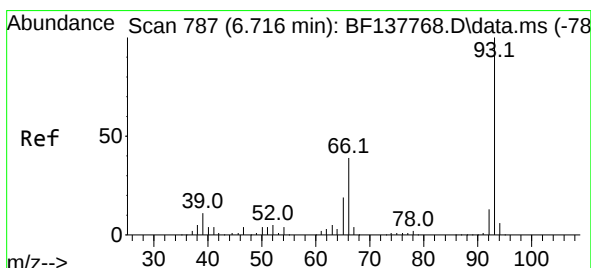
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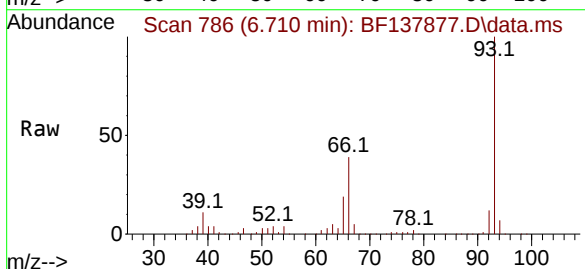
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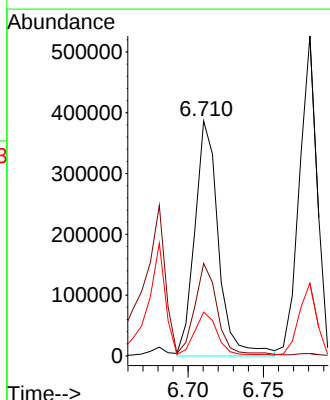
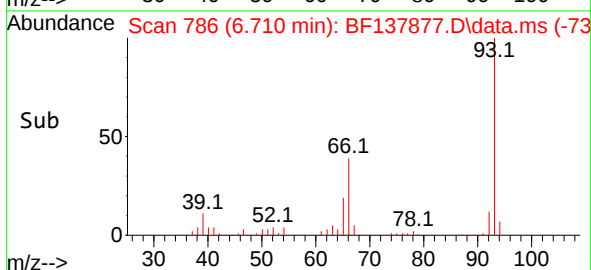
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#6
Aniline
Concen: 33.157 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



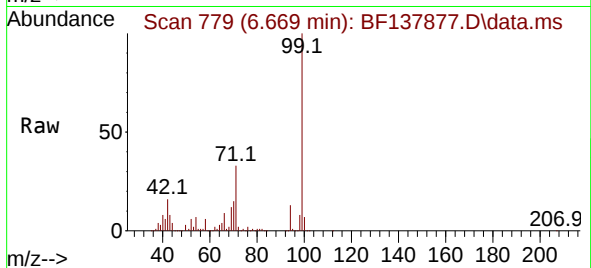
Tgt Ion: 93 Resp: 423462
Ion Ratio Lower Upper
93 100
66 39.4 31.8 47.6
65 18.7 15.4 23.2





#7
Phenol-d6
Concen: 118.651 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

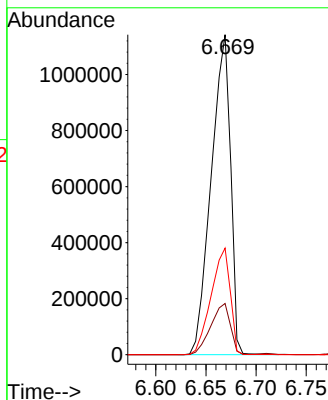
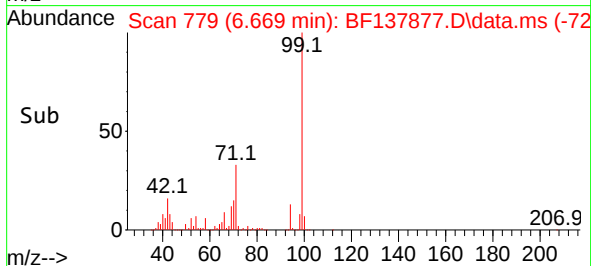
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Tgt Ion: 99 Resp: 152887
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 33.3 25.0 37.4

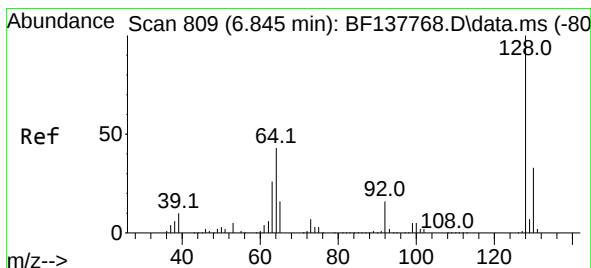
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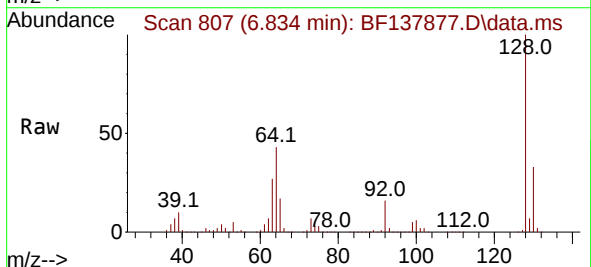


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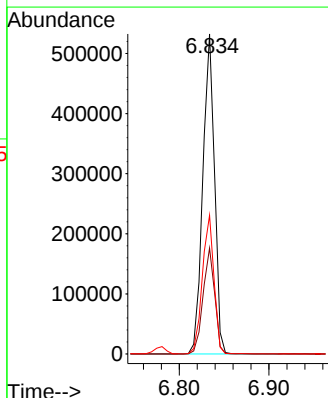
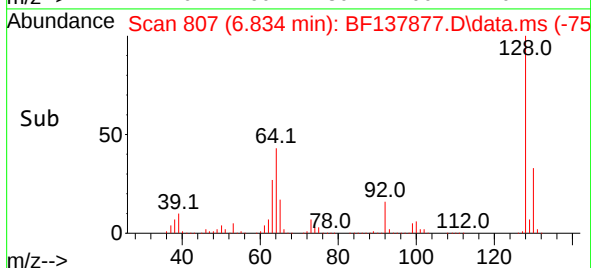
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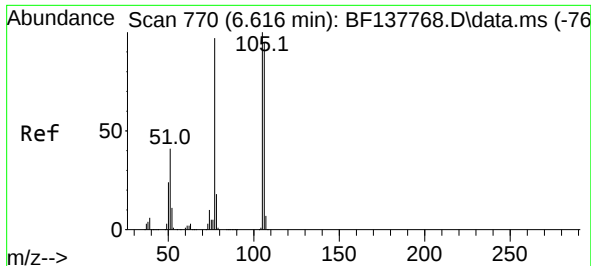


#8
2-Chlorophenol
Concen: 43.476 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



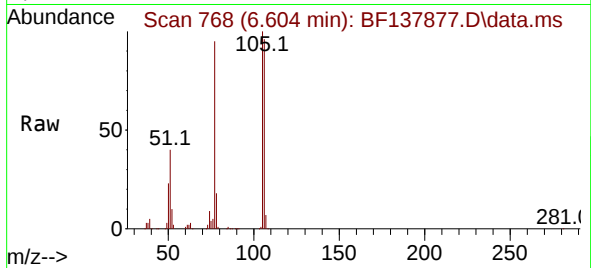
Tgt Ion:128 Resp: 481321
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 43.4 23.9 63.9





#9
Benzaldehyde
Concen: 24.091 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

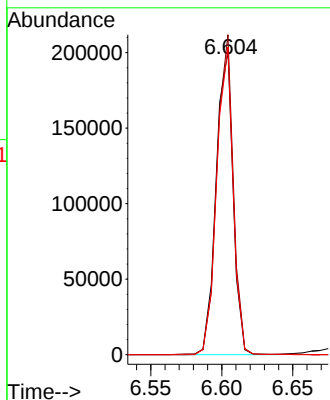
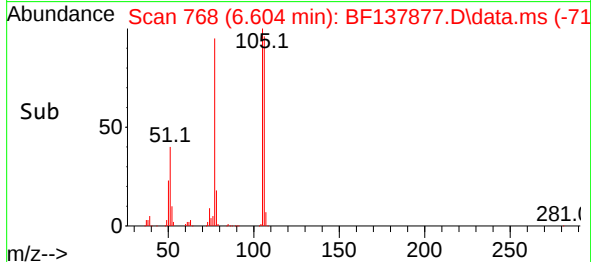
Instrument :
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Tgt Ion: 77 Resp: 16716
Ion Ratio Lower Upper
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105 105.4 83.2 123.2
106 101.3 77.7 117.7

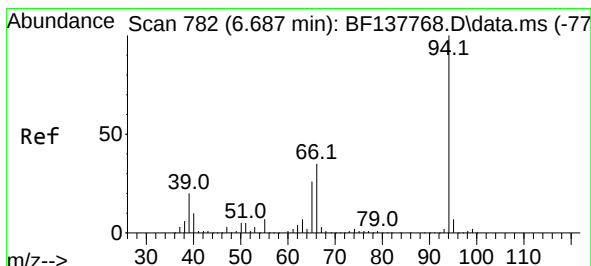
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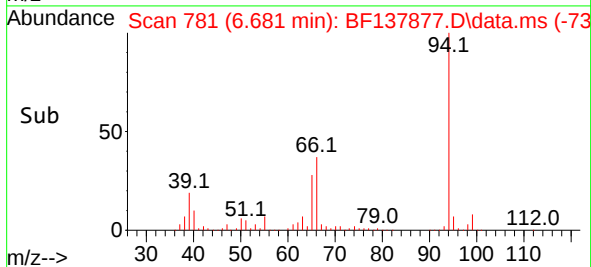
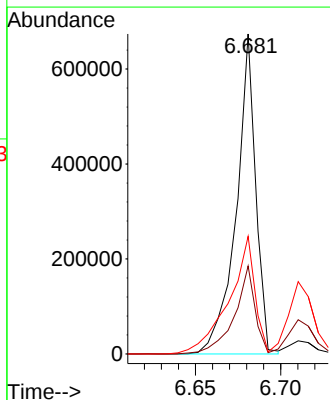
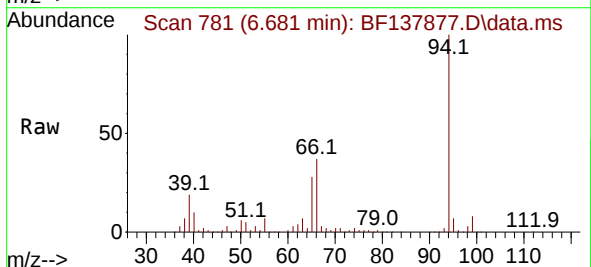
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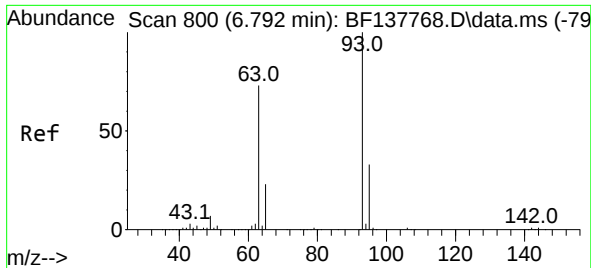
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#10
Phenol
Concen: 40.712 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

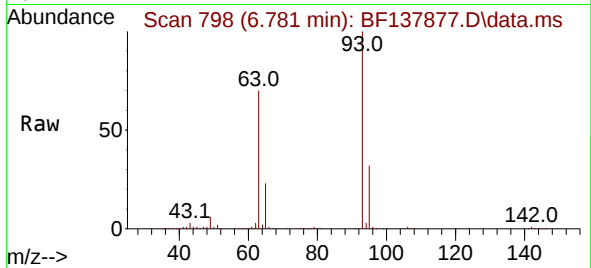
Tgt Ion: 94 Resp: 537533
Ion Ratio Lower Upper
94 100
65 27.5 6.4 46.4
66 36.8 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 41.186 ng
RT: 6.781 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

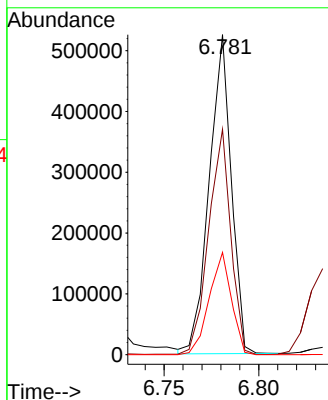
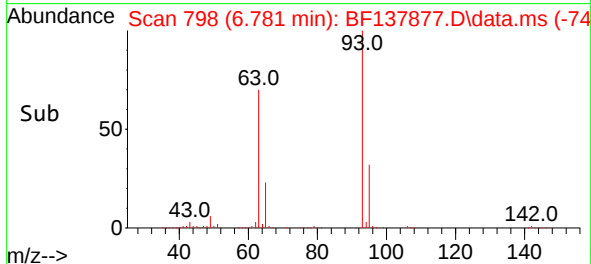
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion: 93 Resp: 42579
Ion Ratio Lower Upper
93 100
63 70.5 51.6 91.6
95 32.0 12.1 52.1

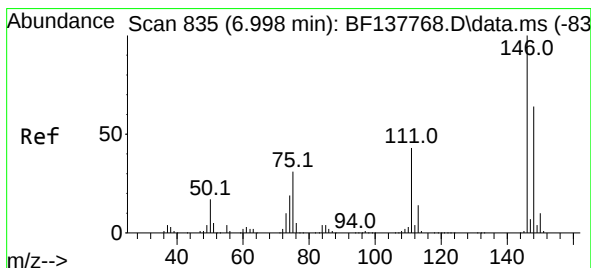
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Supervised By :mohammad ahmed 05/13/2024

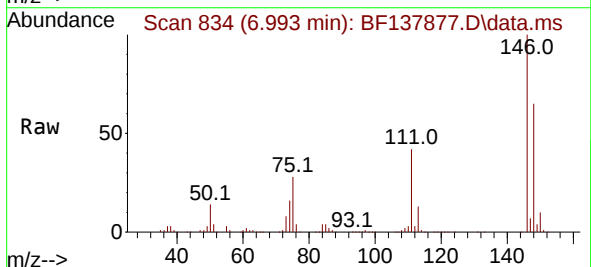


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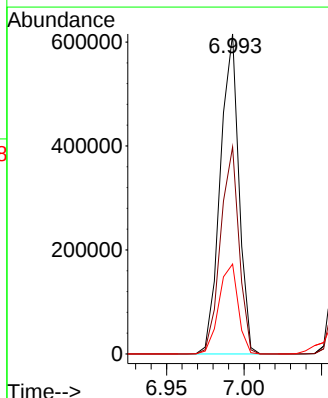
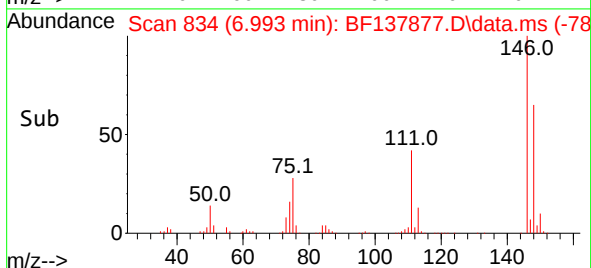
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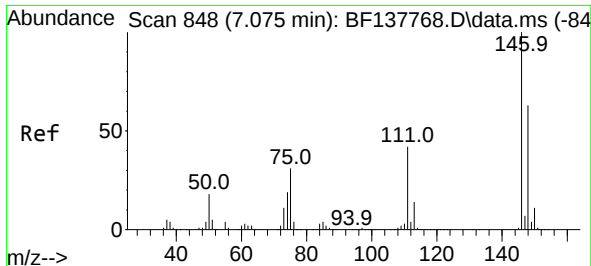


#12
1,3-Dichlorobenzene
Concen: 41.100 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:146 Resp: 513107
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 28.1 25.1 37.7





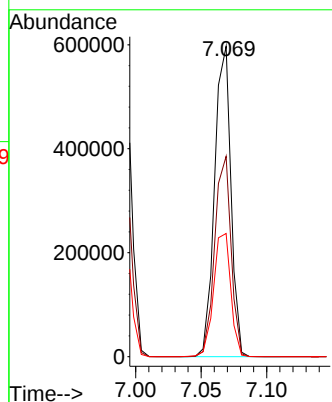
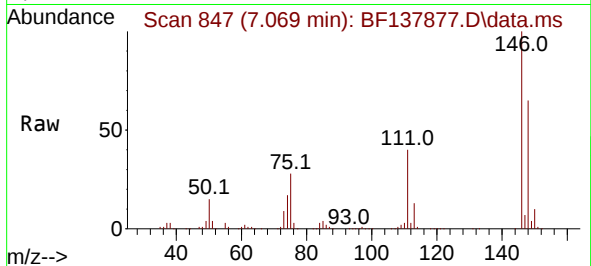
#13
1,4-Dichlorobenzene
Concen: 41.260 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :
BNA_F
ClientSampleId :
PB160825BS

Tgt Ion:146 Resp: 51685
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 39.7 33.8 50.8

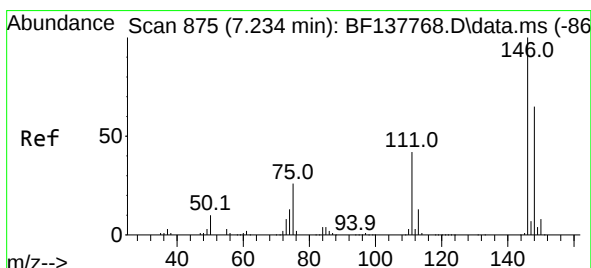
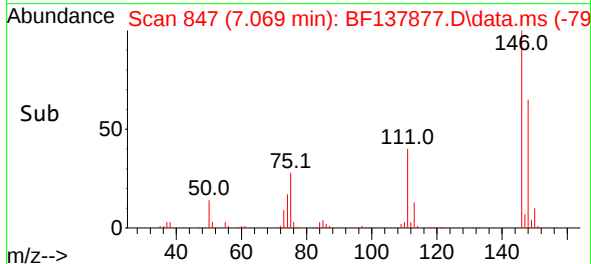
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Supervised By :mohammad ahmed 05/13/2024



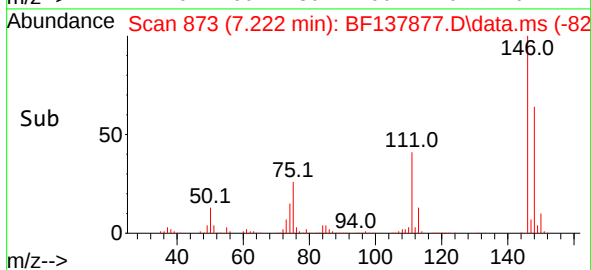
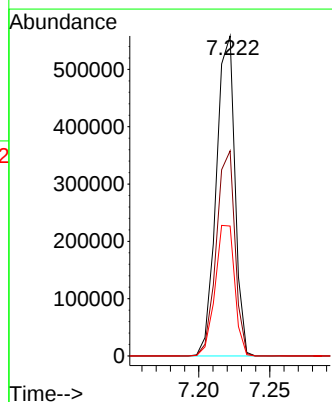
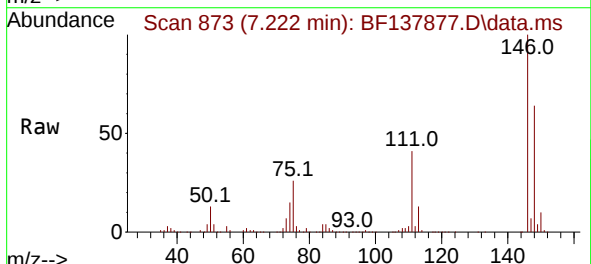
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Supervised By :mohammad
ahmed

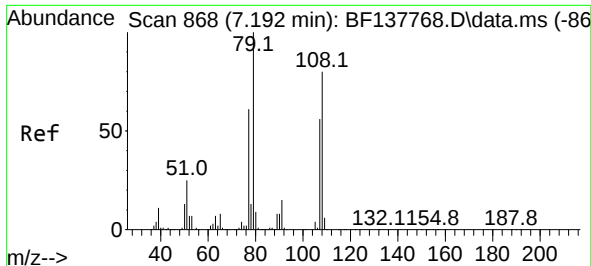
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#14
1,2-Dichlorobenzene
Concen: 43.154 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:146 Resp: 509161
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 40.6 33.6 50.4





#15
Benzyl Alcohol
Concen: 43.077 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

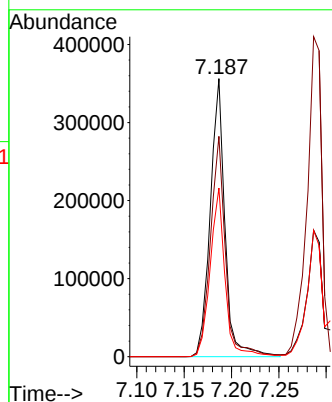
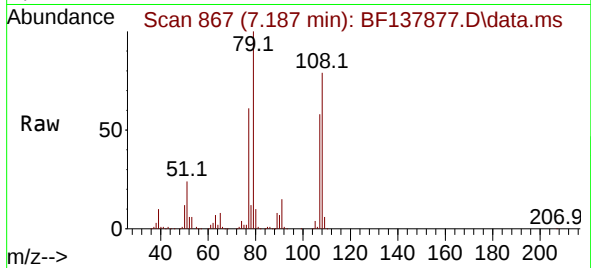
ClientSampleId :

PB160825BS

Tgt Ion: 79 Resp: 383854
Ion Ratio Lower Upper
79 100
108 79.2 64.2 96.2
77 60.6 48.5 72.7

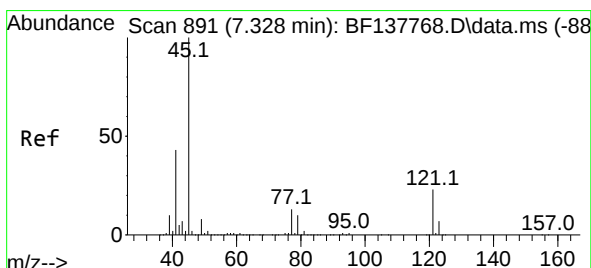
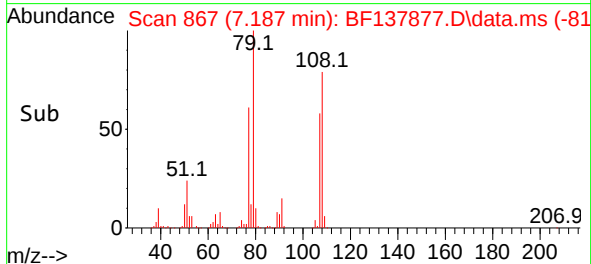
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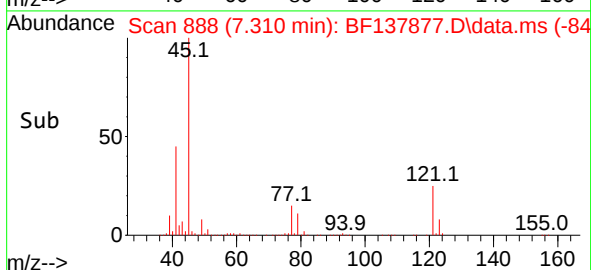
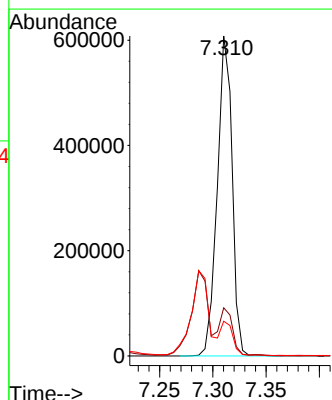
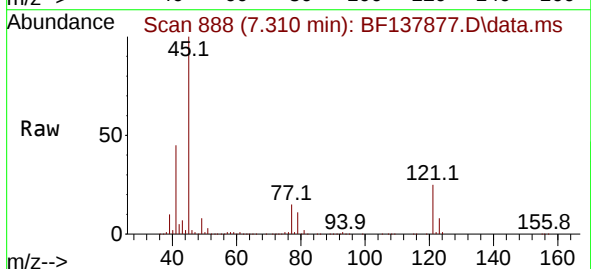
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Supervised By :mohammad
ahmed

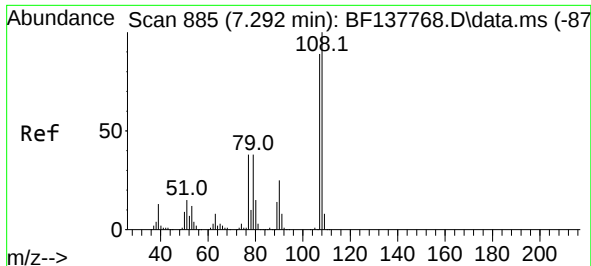
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.544 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 45 Resp: 589164
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.8
79 10.8 0.0 31.0





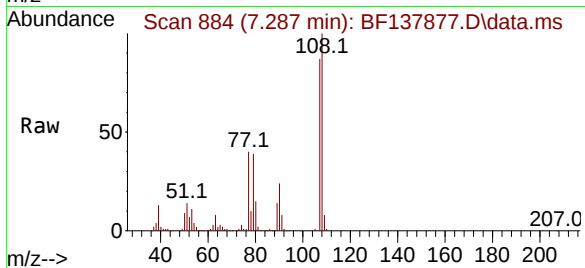
#17
2-Methylphenol
Concen: 44.039 ng
RT: 7.287 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



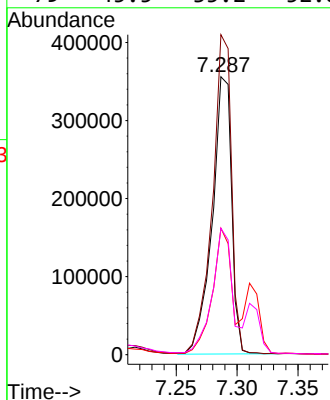
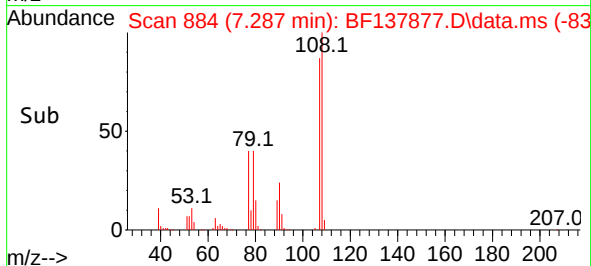
Tgt Ion:107 Resp: 39340
Ion Ratio Lower Upper
107 100
108 115.1 90.5 135.7
77 45.5 34.5 51.7
79 45.5 35.2 52.8

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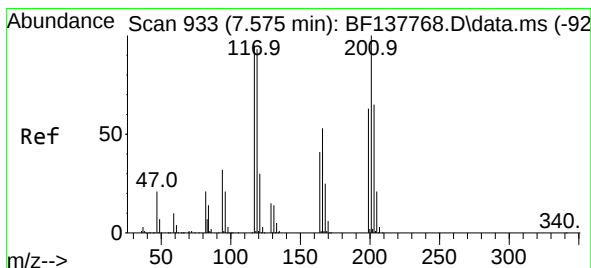
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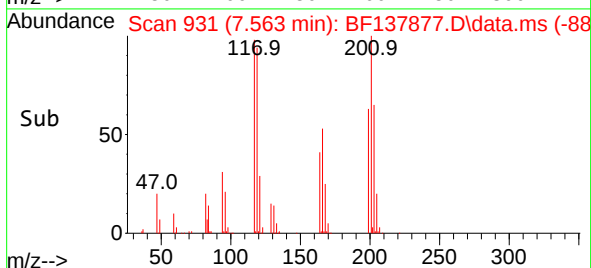
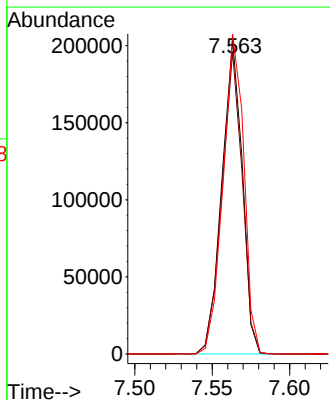
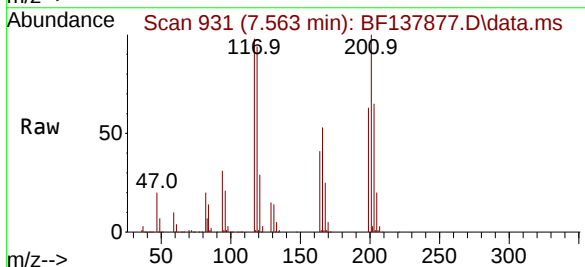
Supervised By :mohammad
ahmed

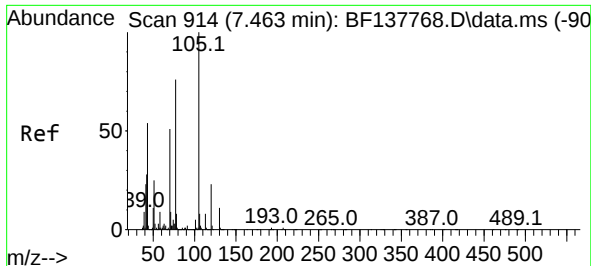
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#18
Hexachloroethane
Concen: 44.055 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:117 Resp: 186565
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4
201 101.8 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.980 ng
RT: 7.457 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

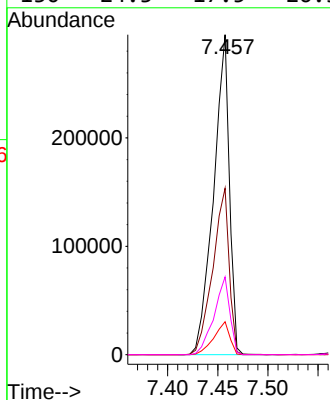
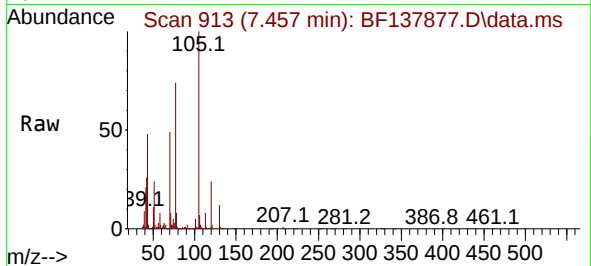
ClientSampleId :

PB160825BS

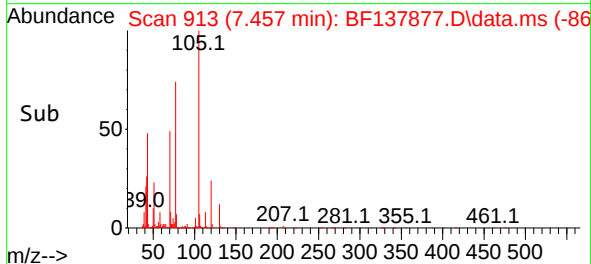
Tgt Ion: 70 Resp: 323268
Ion Ratio Lower Upper
70 100
42 52.0 44.6 66.8
101 10.3 7.8 11.6
130 24.3 17.5 26.3

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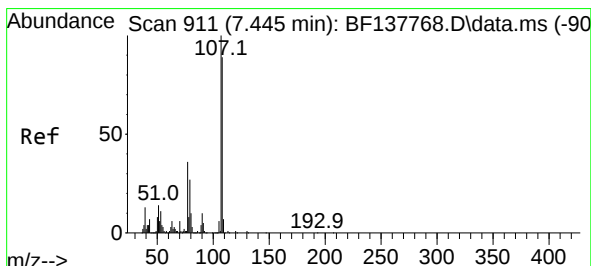
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
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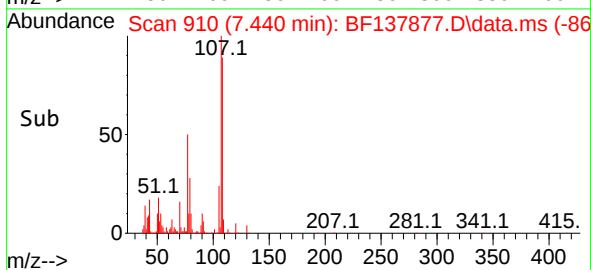
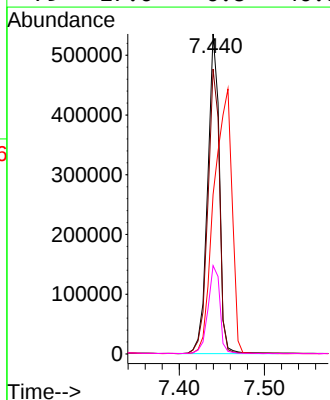
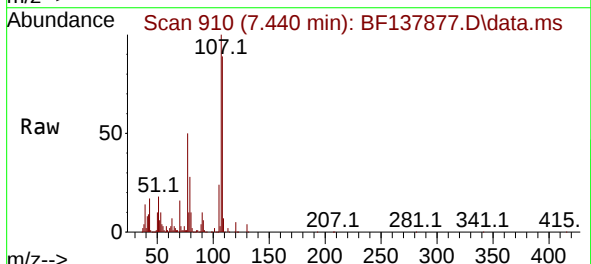


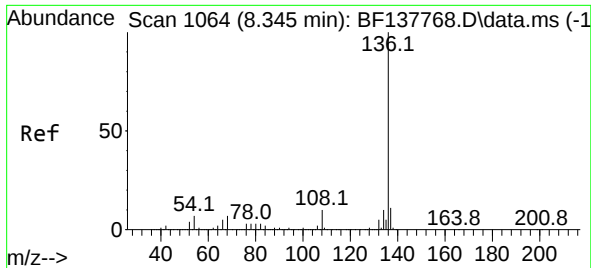
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#20
3+4-Methylphenols
Concen: 43.480 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:107 Resp: 511019
Ion Ratio Lower Upper
107 100
108 89.1 69.3 109.3
77 49.8 15.7 55.7
79 27.6 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

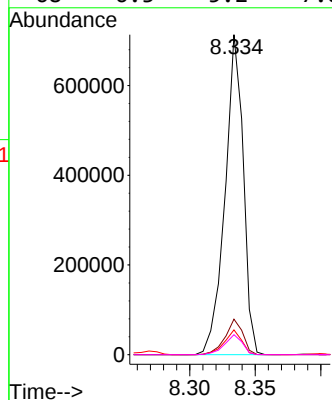
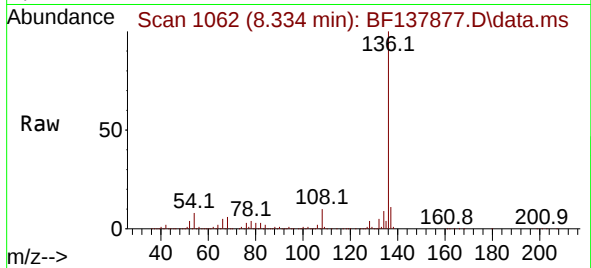
ClientSampleId :

PB160825BS

Tgt Ion:136 Resp: 68967
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.8 8.8
68 6.3 5.2 7.8

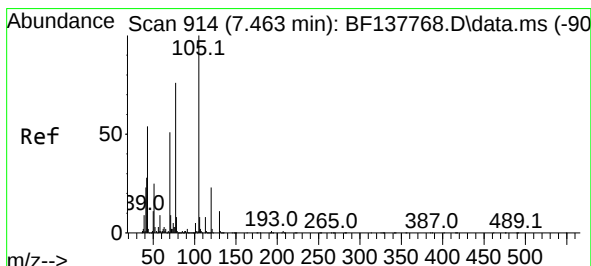
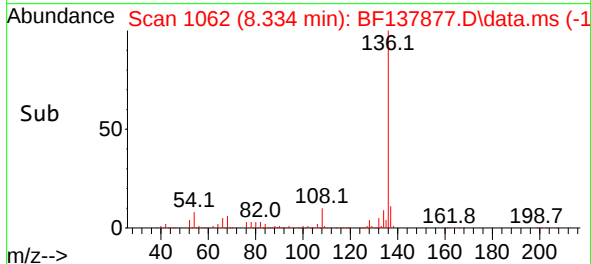
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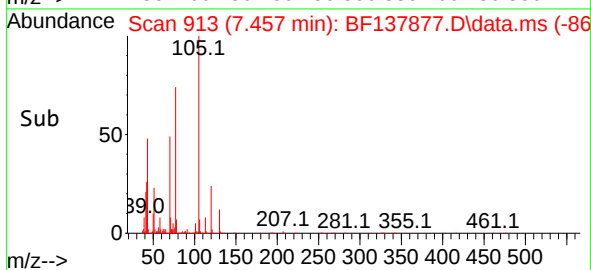
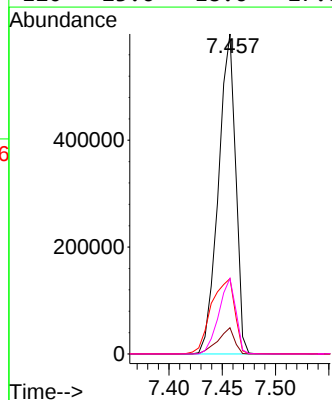
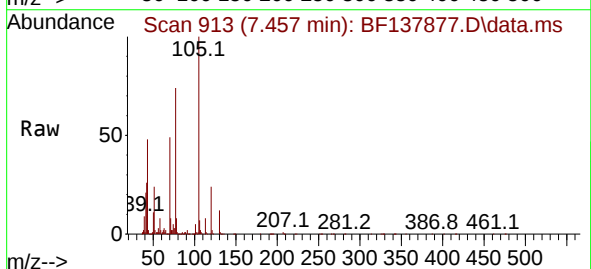
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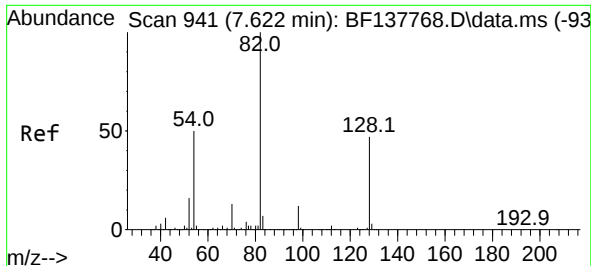
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#22
Acetophenone
Concen: 43.407 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:105 Resp: 673289
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 23.5 20.2 30.2
120 23.6 18.6 27.8





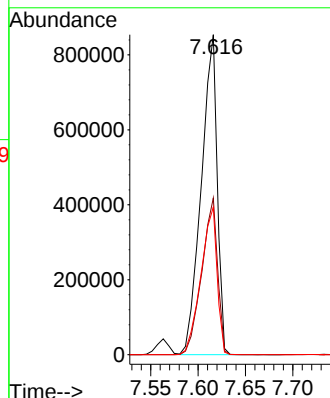
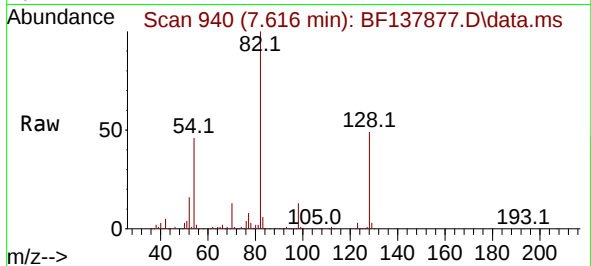
#23
Nitrobenzene-d5
Concen: 84.029 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :
BNA_F
ClientSampleId :
PB160825BS

Tgt Ion: 82 Resp: 997499
Ion Ratio Lower Upper
82 100
128 49.0 37.5 56.3
54 46.1 39.8 59.6

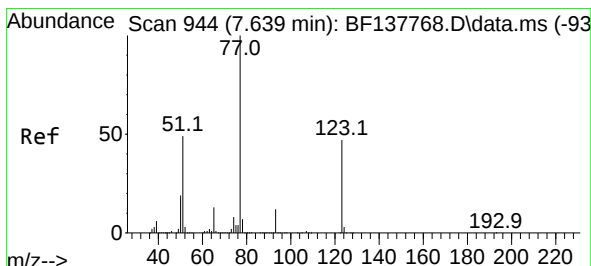
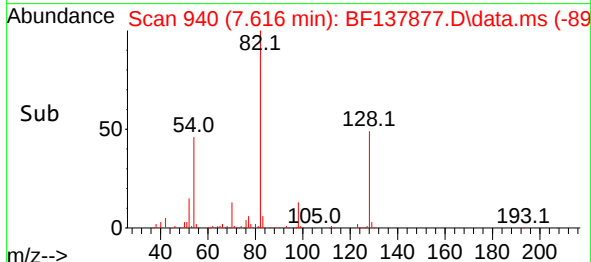
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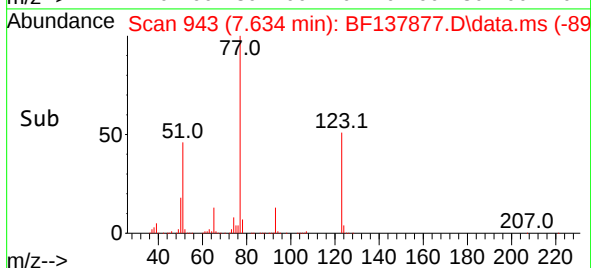
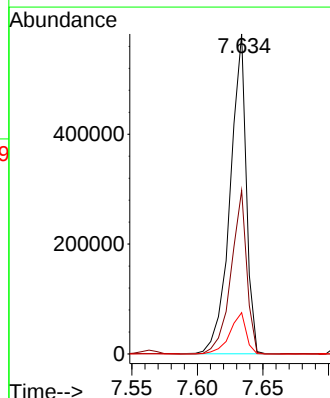
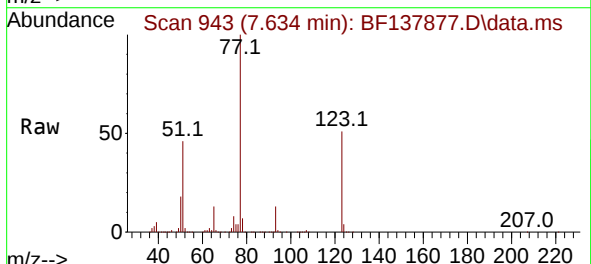
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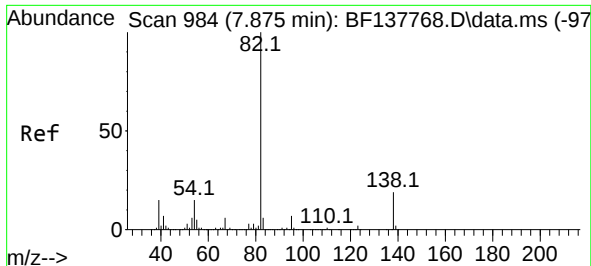
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#24
Nitrobenzene
Concen: 40.786 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 77 Resp: 499005
Ion Ratio Lower Upper
77 100
123 51.1 37.4 56.2
65 12.9 10.7 16.1





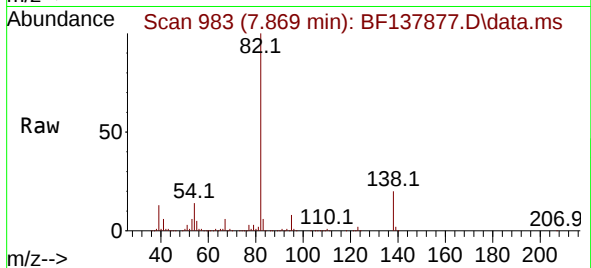
#25
Isophorone
Concen: 41.688 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

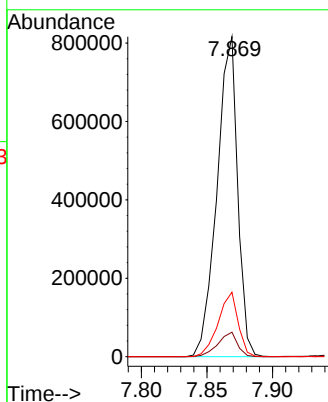
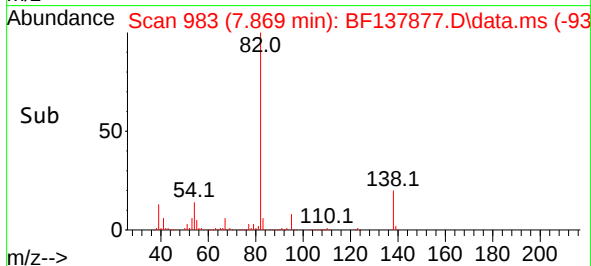
PB160825BS



Tgt Ion: 82 Resp: 89226
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 20.1 15.0 22.6

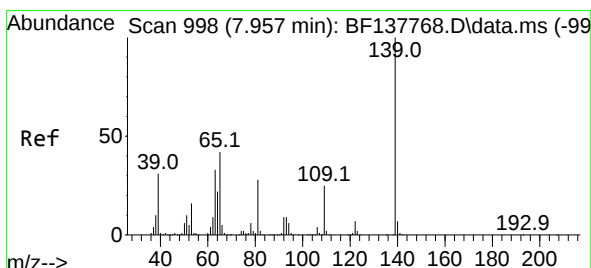
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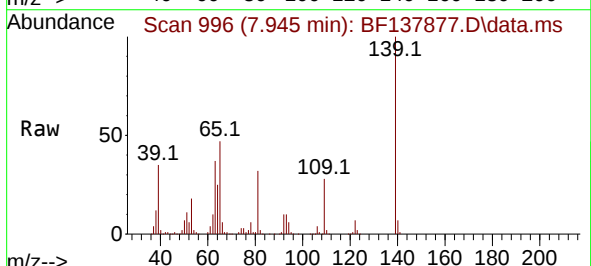


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ahmed

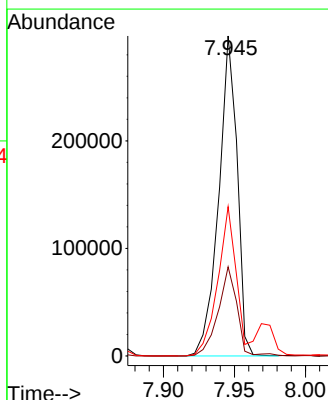
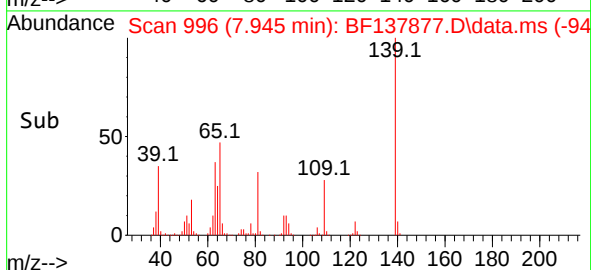
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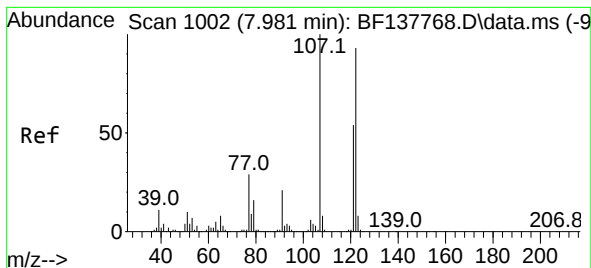


#26
2-Nitrophenol
Concen: 48.475 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:139 Resp: 268572
Ion Ratio Lower Upper
139 100
109 27.9 20.2 30.2
65 46.7 33.4 50.0





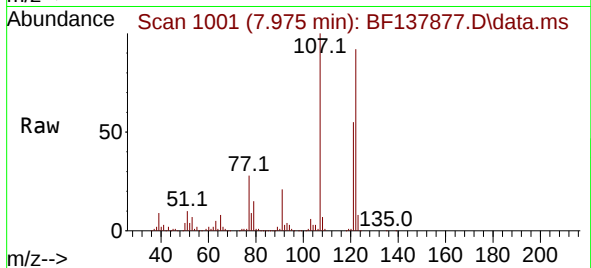
#27
2,4-Dimethylphenol
Concen: 45.815 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



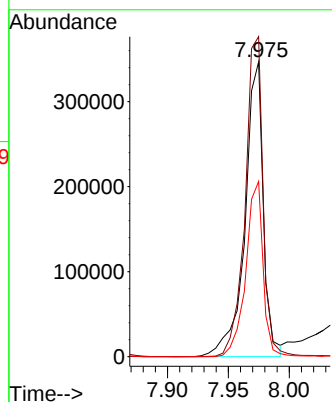
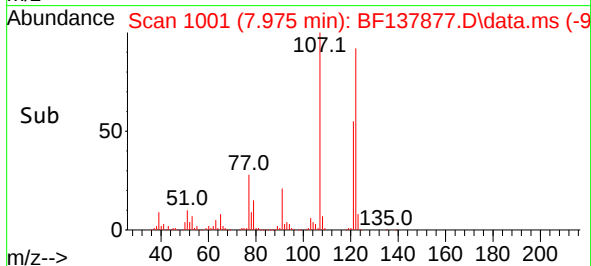
Tgt Ion:122 Resp: 365430
Ion Ratio Lower Upper
122 100
107 108.6 85.8 128.8
121 59.4 46.6 69.8

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

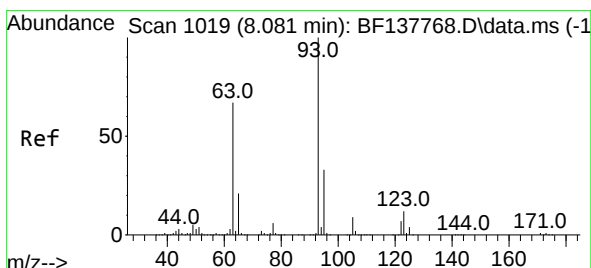
Supervised By :mohammad ahmed 05/13/2024



05/13/2024

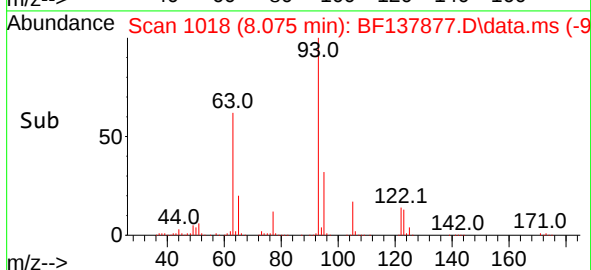
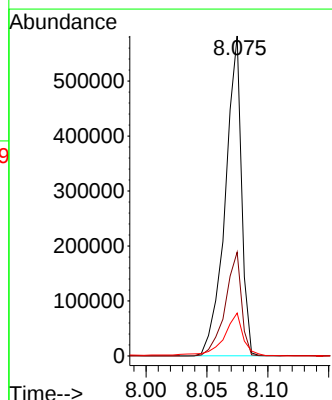
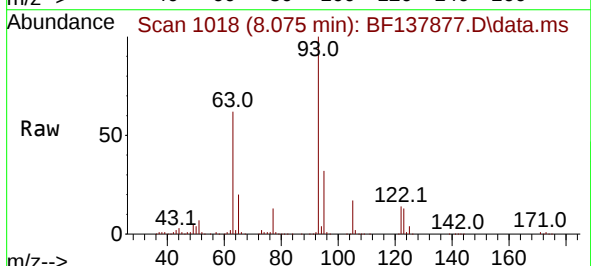
Supervised By :mohammad
ahmed

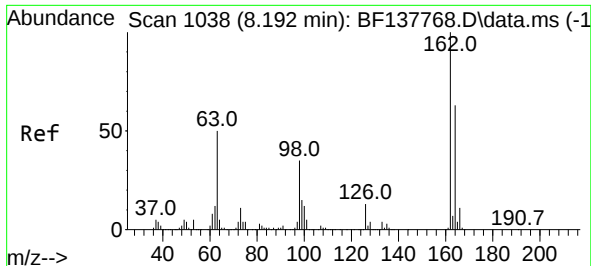
05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.662 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 93 Resp: 539892
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 13.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.372 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

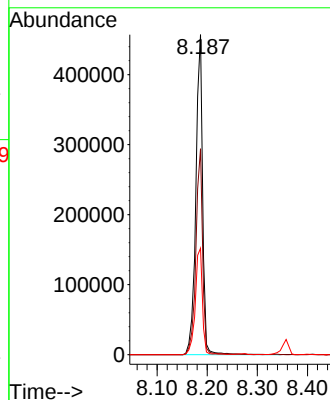
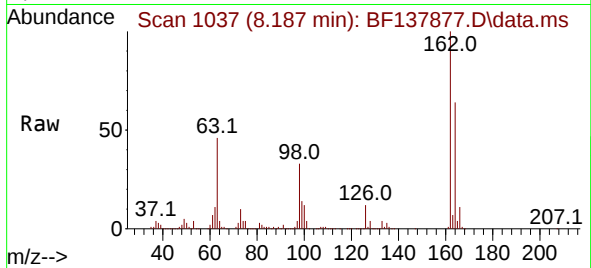
Tgt Ion:162 Resp: 427790
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.5 83.5
 98 33.3 15.1 55.1

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

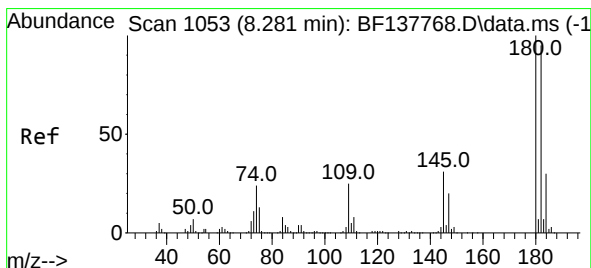
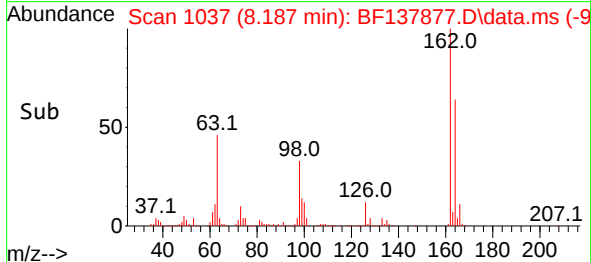
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
ahmed

05/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.194 ng

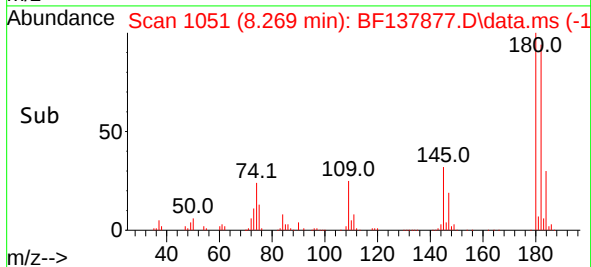
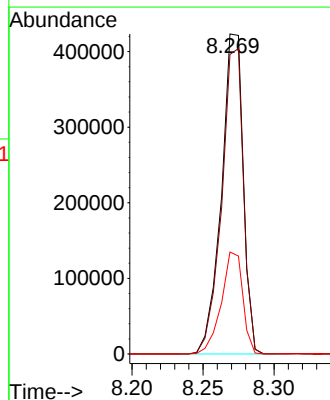
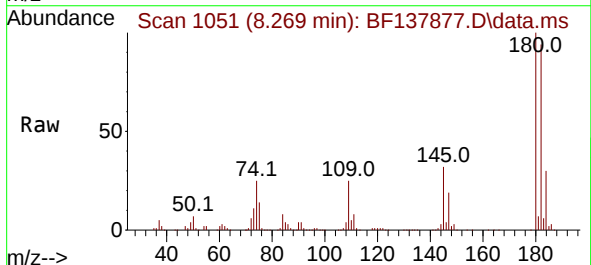
RT: 8.269 min Scan# 1051

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Tgt Ion:180 Resp: 453964
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.2 114.2
 145 31.9 25.1 37.7





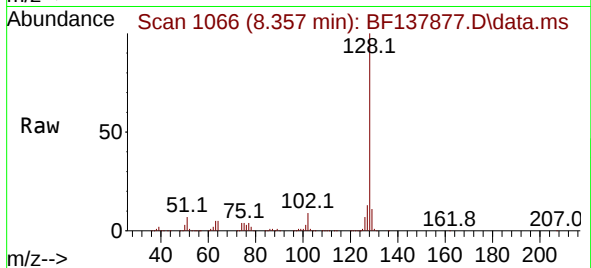
#31
Naphthalene
Concen: 42.474 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



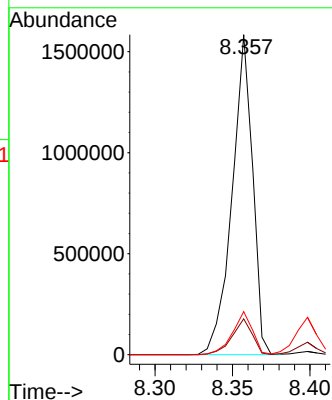
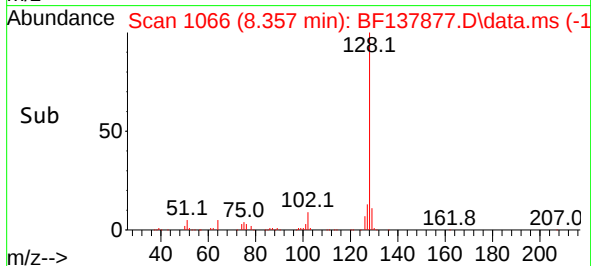
Tgt Ion:128 Resp: 145575
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

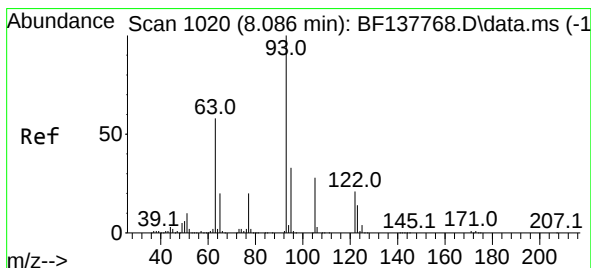
Supervised By :mohammad ahmed 05/13/2024



05/13/2024

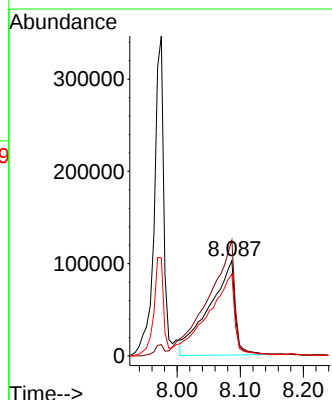
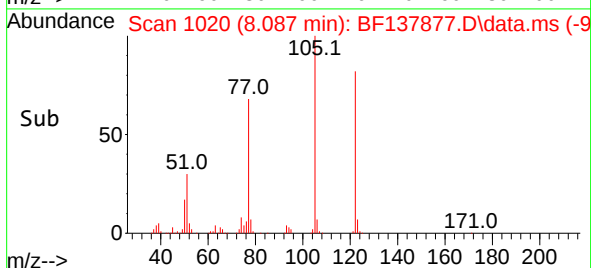
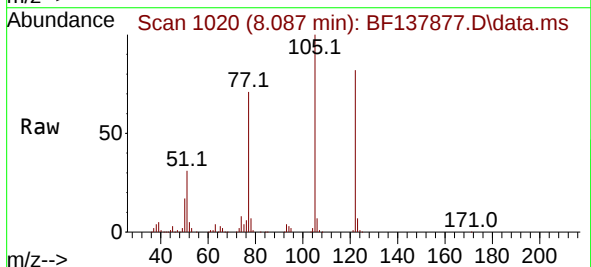
Supervised By :mohammad
ahmed

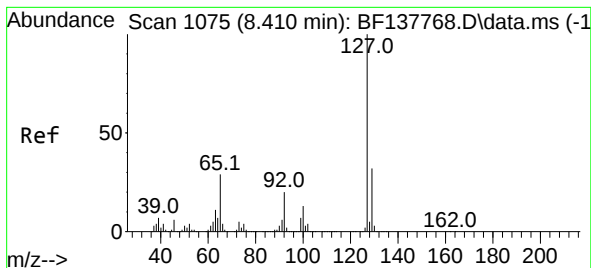
05/13/2024



#32
Benzoic acid
Concen: 41.945 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.001 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:122 Resp: 288628
Ion Ratio Lower Upper
122 100
105 121.7 105.3 145.3
77 85.9 73.2 113.2





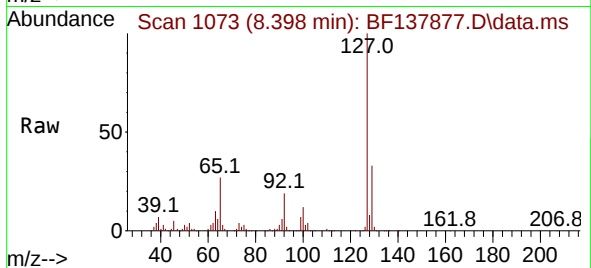
#33
4-Chloroaniline
Concen: 15.715 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



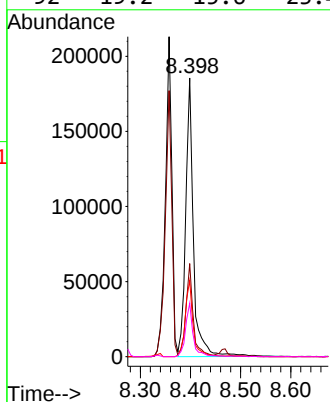
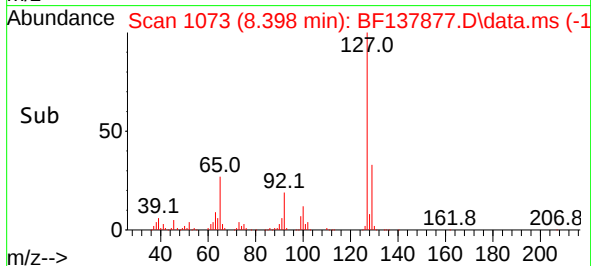
Tgt Ion:127 Resp: 199728
Ion Ratio Lower Upper
127 100
129 33.4 25.7 38.5
65 27.3 23.4 35.2
92 19.2 15.6 23.4

Manual Integrations

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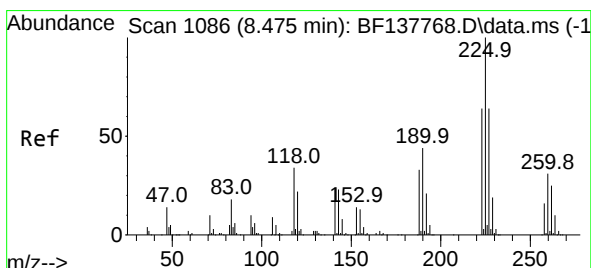
Supervised By :mohammad ahmed 05/13/2024



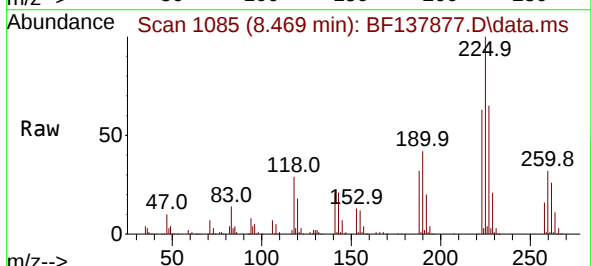
05/13/2024

Supervised By :mohammad
ahmed

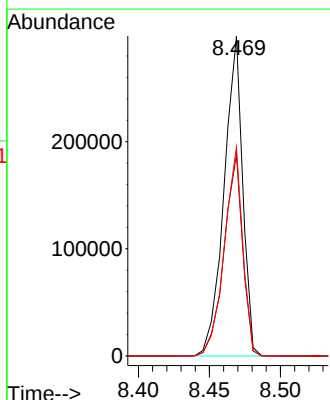
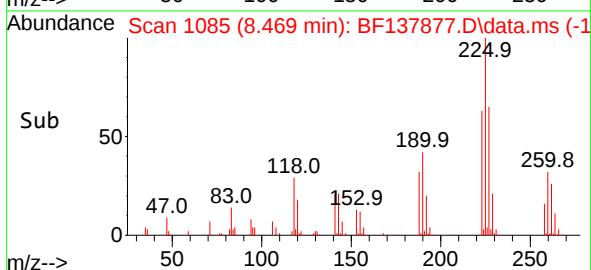
05/13/2024

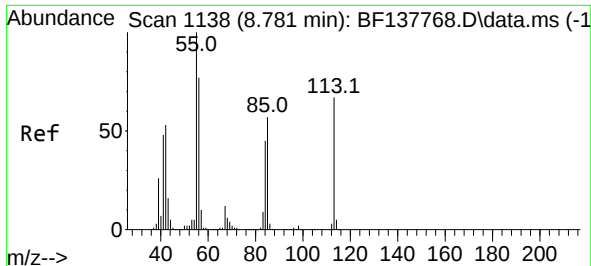


#34
Hexachlorobutadiene
Concen: 42.003 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



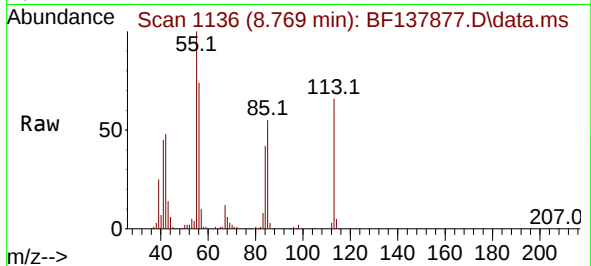
Tgt Ion:225 Resp: 271032
Ion Ratio Lower Upper
225 100
223 62.9 51.1 76.7
227 65.3 51.4 77.0





#35
Caprolactam
Concen: 44.623 ng m
RT: 8.769 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

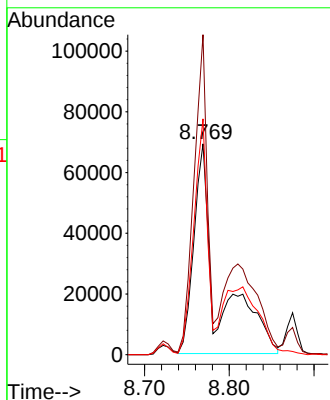
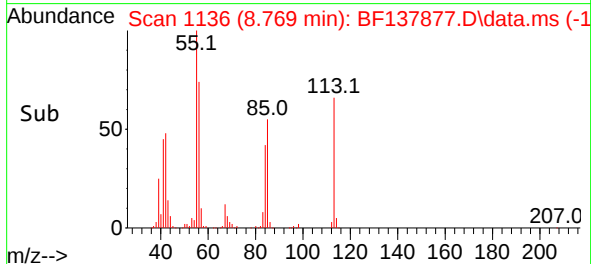
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:113 Resp: 136307
Ion Ratio Lower Upper
113 100
55 151.7 128.7 168.7
56 111.8 93.9 133.9

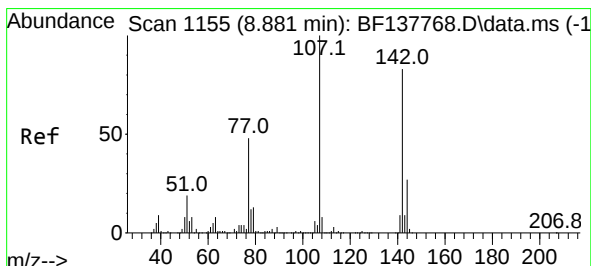
Manual Integrations
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



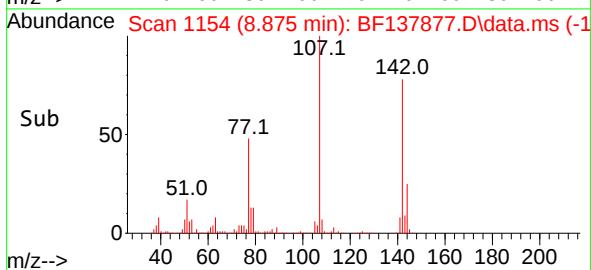
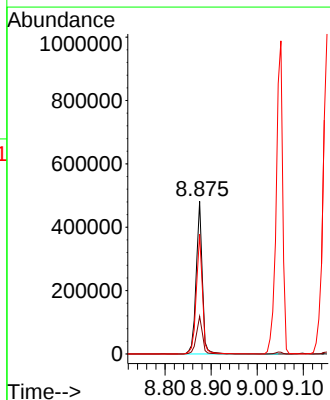
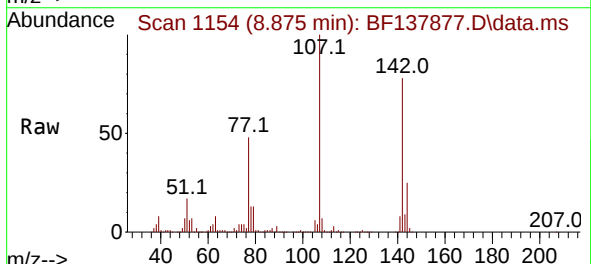
05/13/2024
Supervised By :mohammad
ahmed

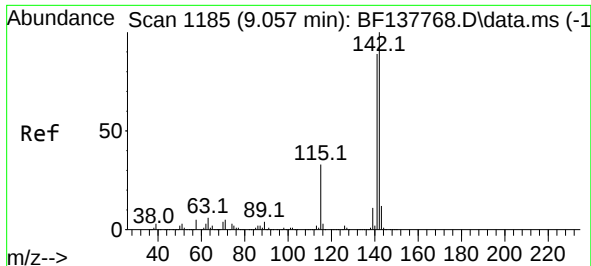
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#36
4-Chloro-3-methylphenol
Concen: 43.976 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:107 Resp: 442126
Ion Ratio Lower Upper
107 100
144 24.6 21.4 32.0
142 78.4 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.928 ng

RT: 9.051 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:142 Resp: 952380

Ion Ratio Lower Upper

142 100

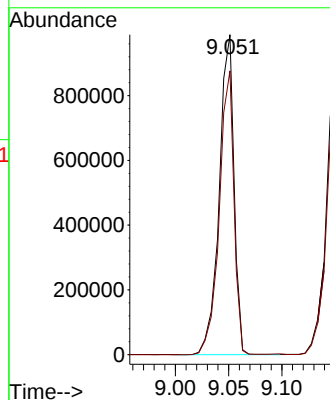
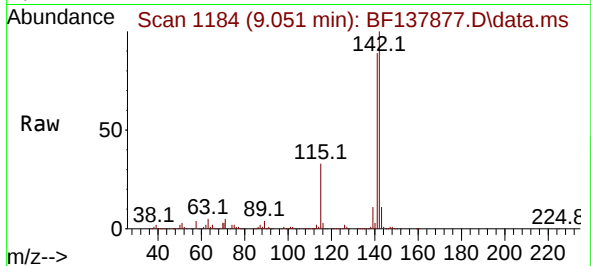
141 88.7 70.8 106.2

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Reviewed By :Yogesh Patel 05/13/2024

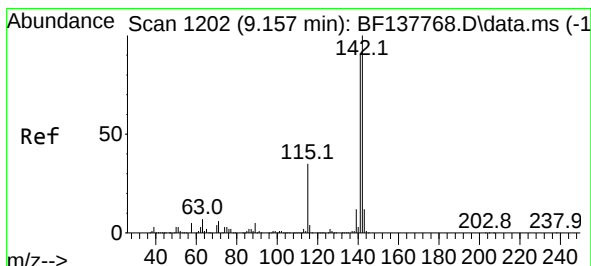
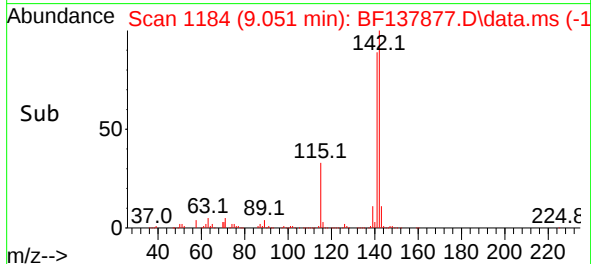
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
ahmed

05/13/2024



#38

1-Methylnaphthalene

Concen: 40.613 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137877.D

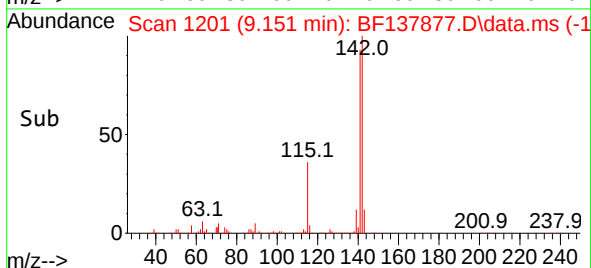
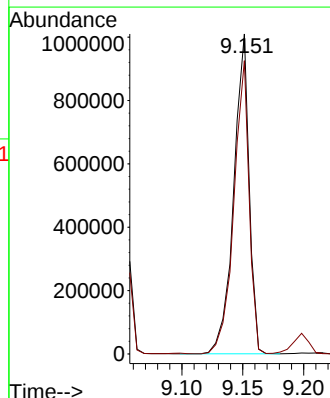
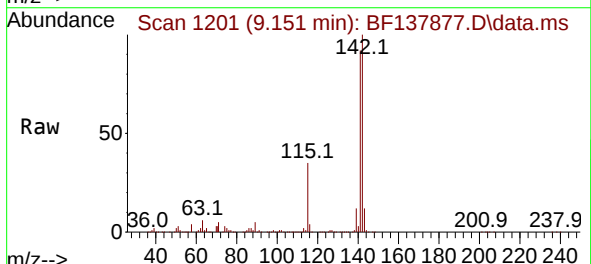
Acq: 10 May 2024 13:03

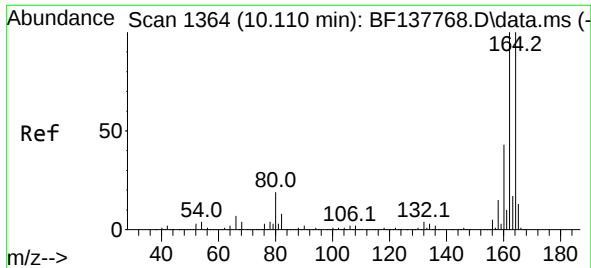
Tgt Ion:142 Resp: 886444

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





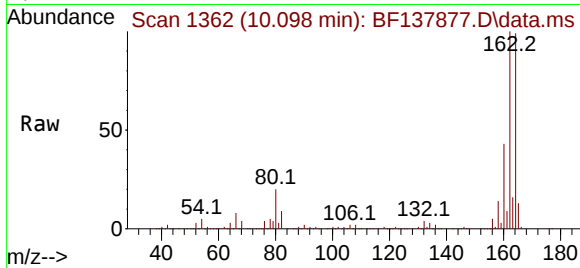
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



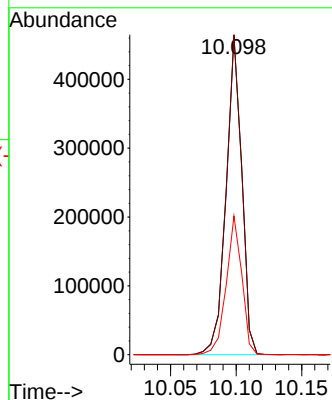
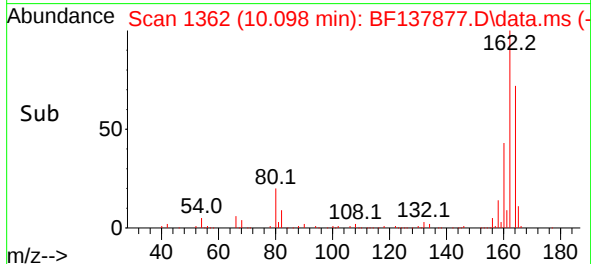
Tgt Ion:164 Resp: 383994
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.6
160 43.6 34.4 51.6

Manual Integrations

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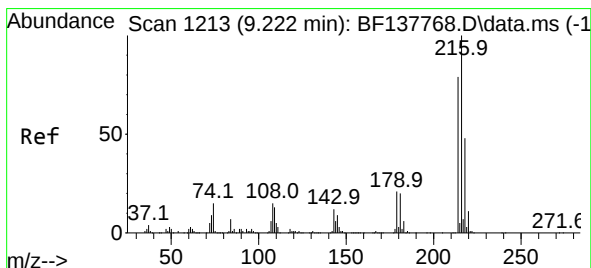
Supervised By :mohammad ahmed 05/13/2024



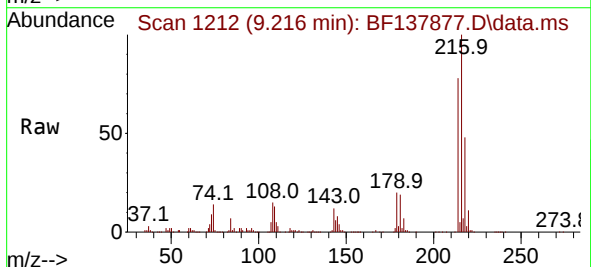
05/13/2024

Supervised By :mohammad
ahmed

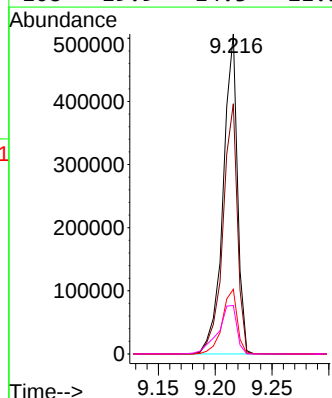
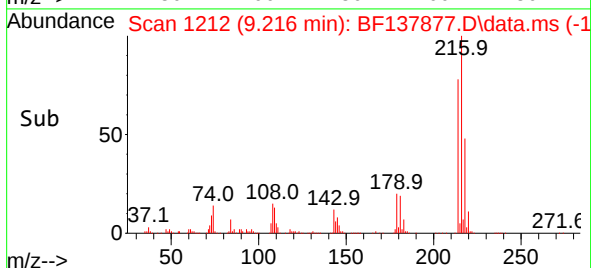
05/13/2024

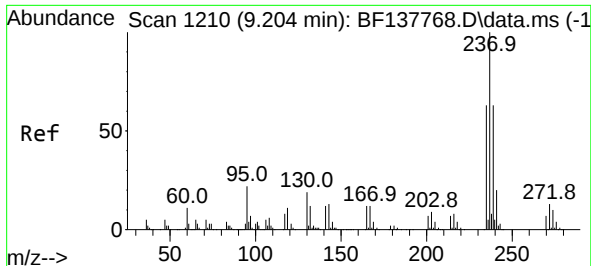


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.839 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:216 Resp: 445853
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.0 16.8 25.2
108 19.9 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 125.836 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

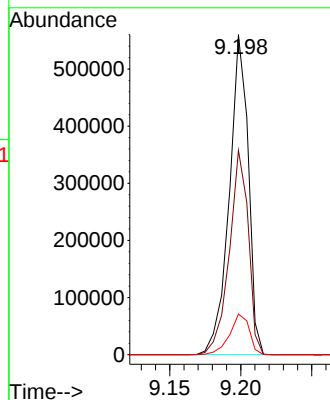
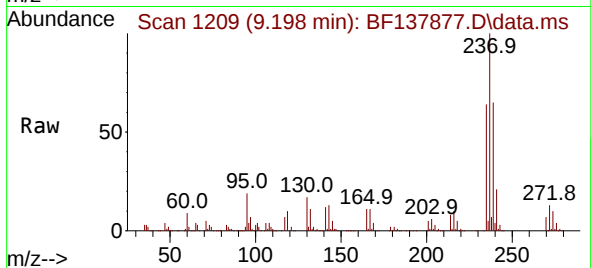
PB160825BS

Tgt Ion:237 Resp: 519819
Ion Ratio Lower Upper
237 100
235 63.9 43.0 83.0
272 12.7 0.0 32.8

Manual Integrations

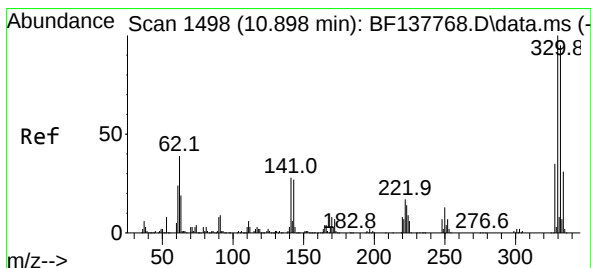
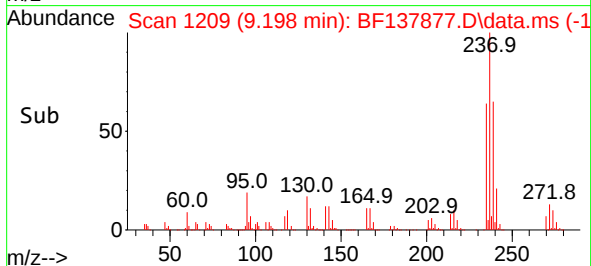
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



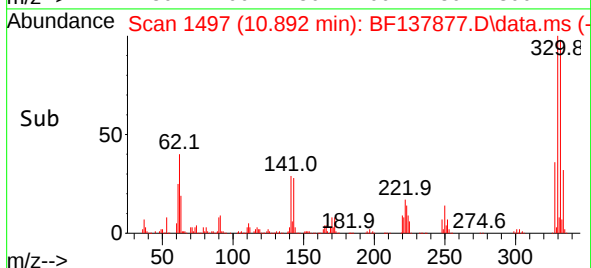
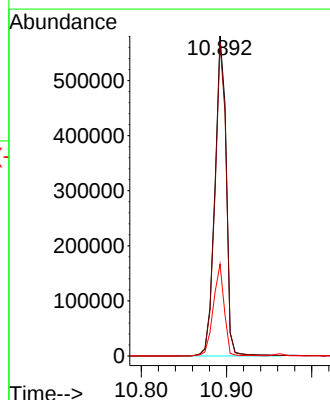
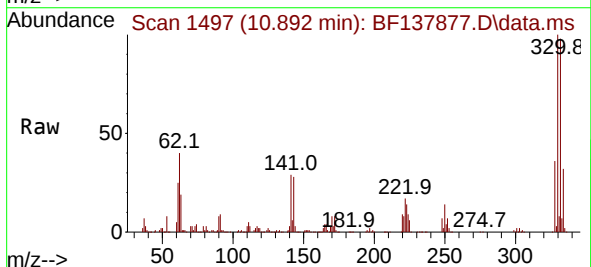
05/13/2024
Supervised By :mohammad
ahmed

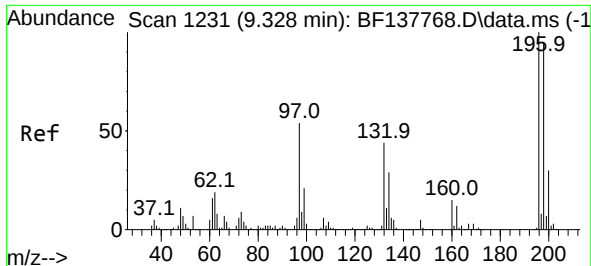
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#42
2,4,6-Tribromophenol
Concen: 136.990 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:330 Resp: 537092
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 27.7 23.8 35.6





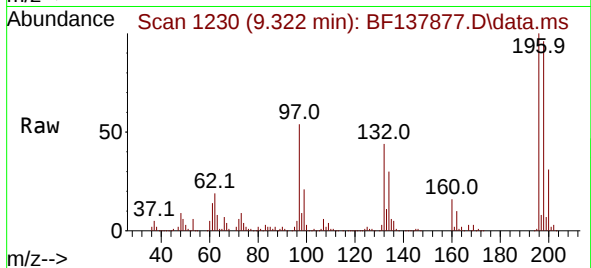
#43
2,4,6-Trichlorophenol
Concen: 44.166 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



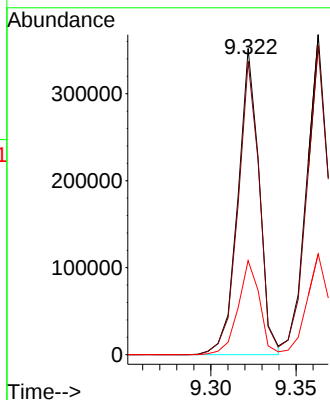
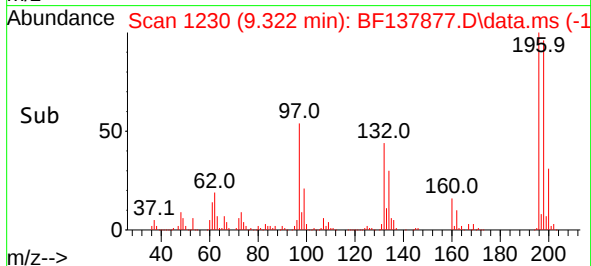
Tgt Ion:196 Resp: 305760
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
200 30.7 24.2 36.2

Manual Integrations

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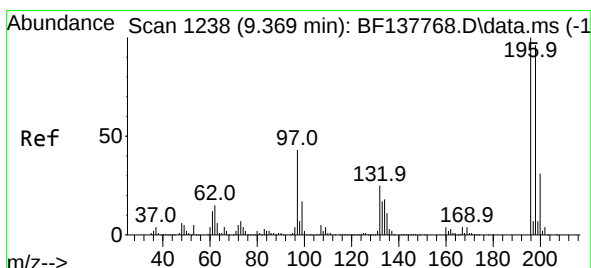
Supervised By :mohammad ahmed 05/13/2024



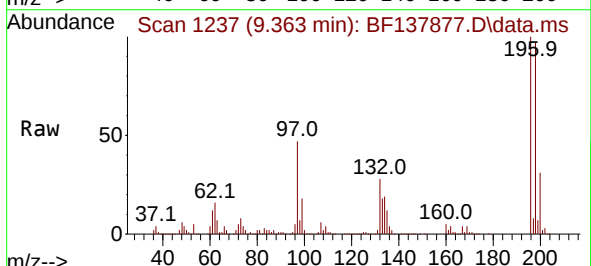
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ahmed

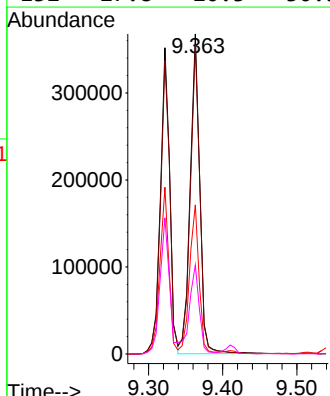
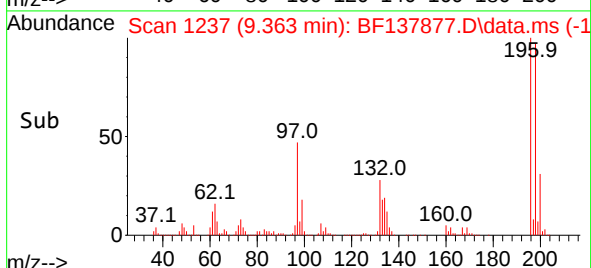
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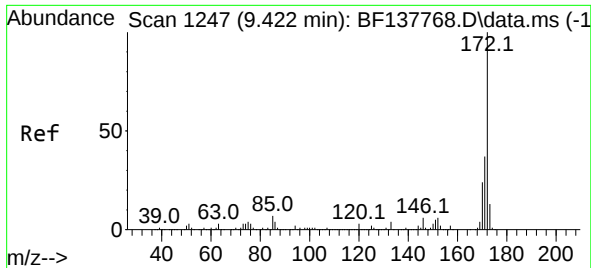


#44
2,4,5-Trichlorophenol
Concen: 43.558 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:196 Resp: 332974
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
97 46.6 34.5 51.7
132 27.8 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 86.965 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

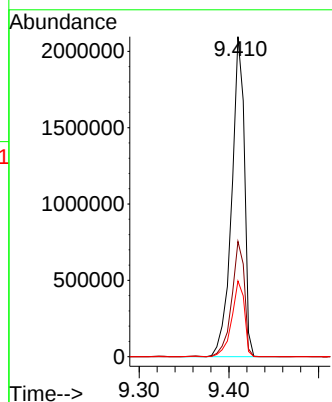
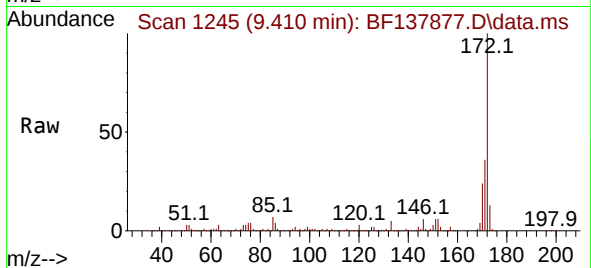
Tgt Ion:172 Resp: 205836
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.4 29.2

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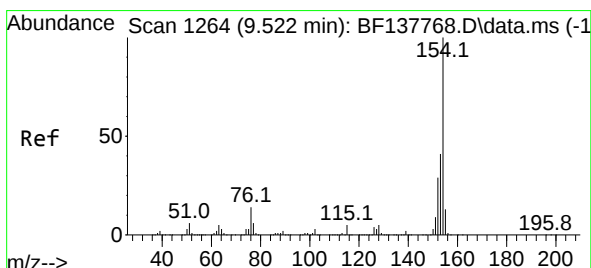
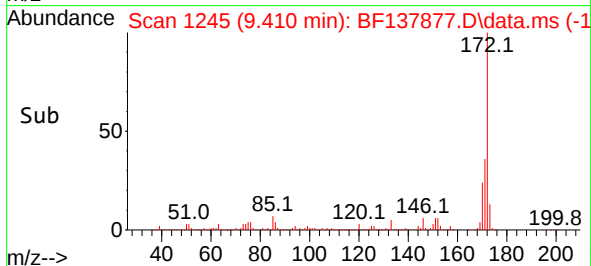
Supervised By :mohammad ahmed 05/13/2024



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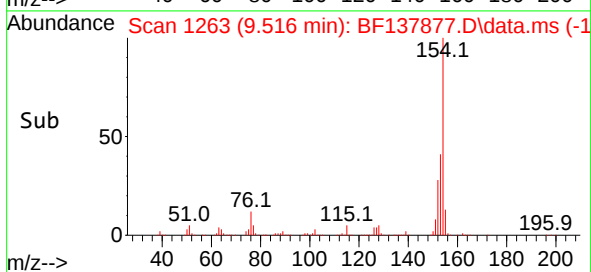
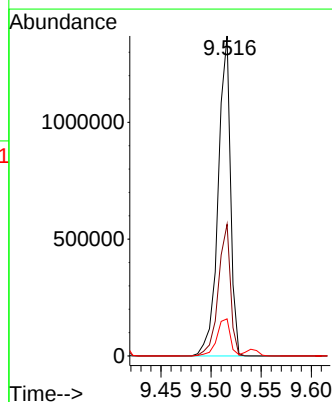
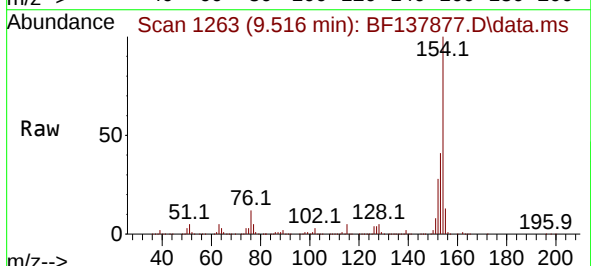
Supervised By :mohammad
ahmed

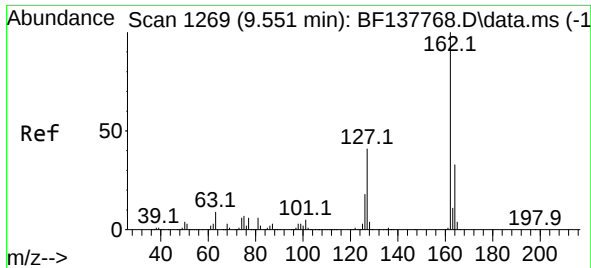
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#46
1,1'-Biphenyl
Concen: 44.310 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:154 Resp: 1167684
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 11.6 0.0 33.5





#47
2-Chloronaphthalene
Concen: 42.032 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

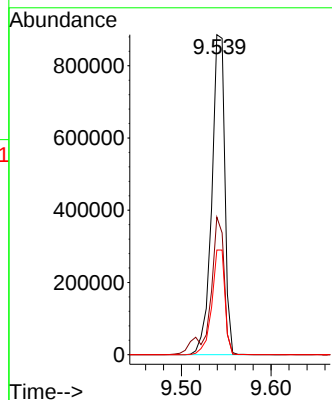
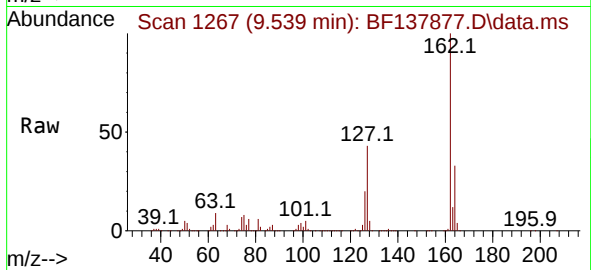
ClientSampleId :

PB160825BS

Tgt Ion:162 Resp: 894270
Ion Ratio Lower Upper
162 100
127 43.0 32.6 49.0
164 32.7 26.5 39.7

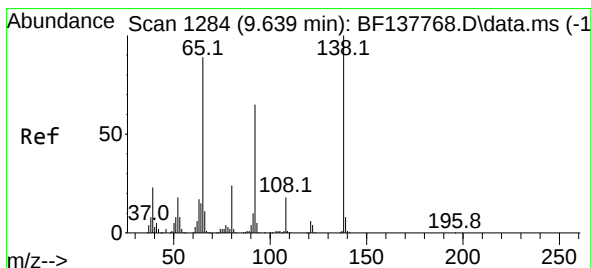
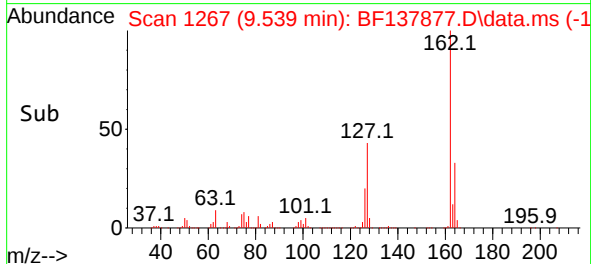
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Supervised By :mohammad ahmed 05/13/2024



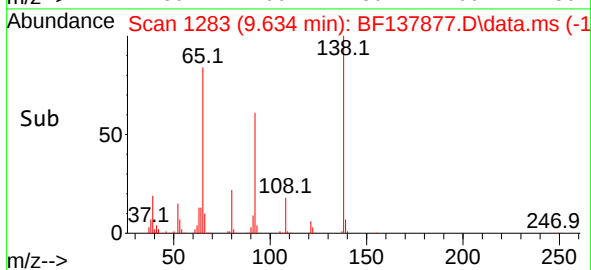
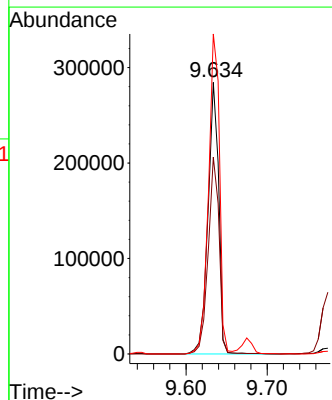
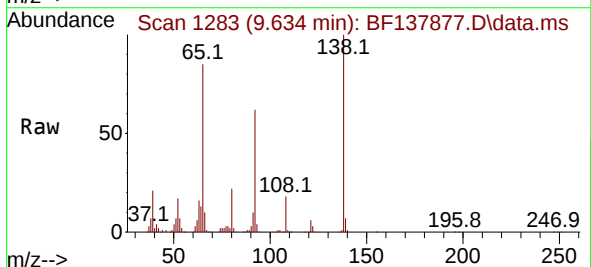
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ahmed

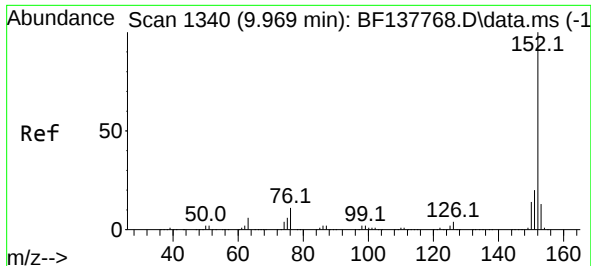
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#48
2-Nitroaniline
Concen: 44.888 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion: 65 Resp: 259014
Ion Ratio Lower Upper
65 100
92 72.5 58.6 88.0
138 117.8 90.3 135.5





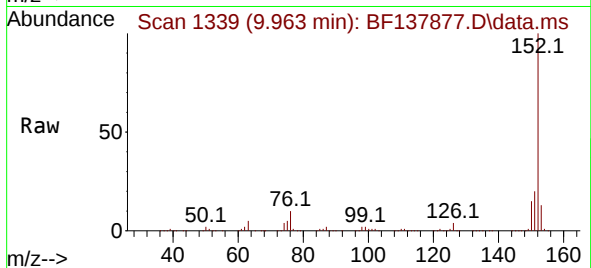
#49
Acenaphthylene
Concen: 47.136 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



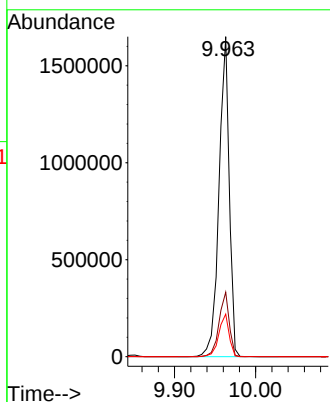
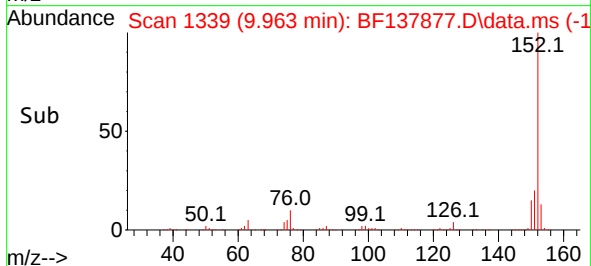
Tgt Ion:152 Resp: 1450715
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.8 16.2

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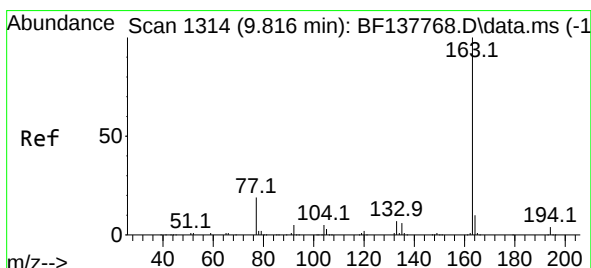
Supervised By :mohammad ahmed 05/13/2024



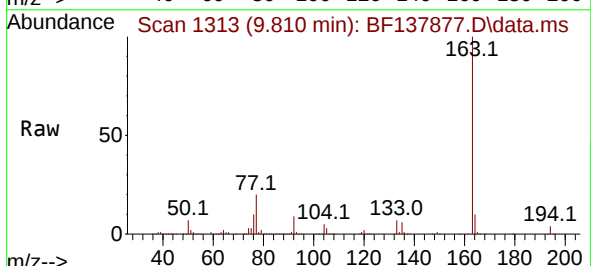
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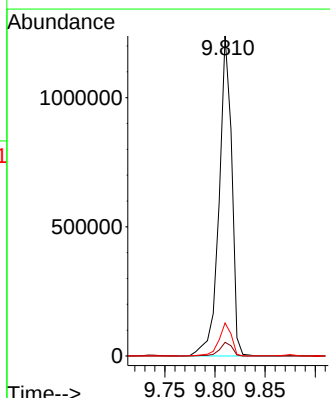
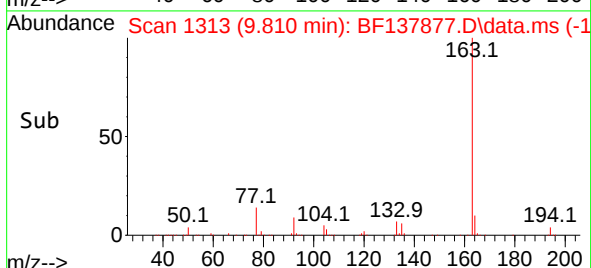
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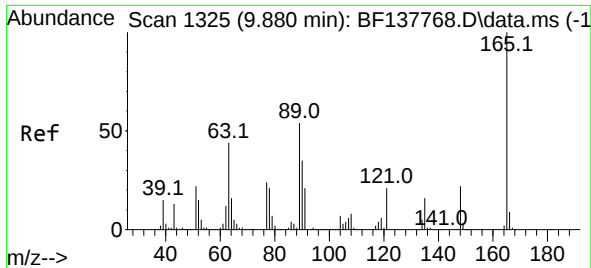


#50
Dimethylphthalate
Concen: 44.709 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:163 Resp: 1083803
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.358 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

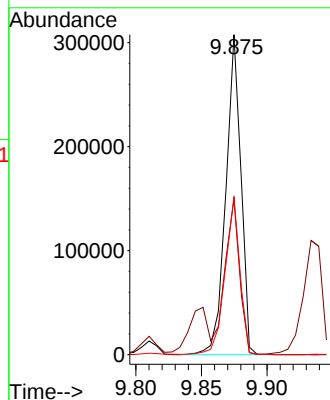
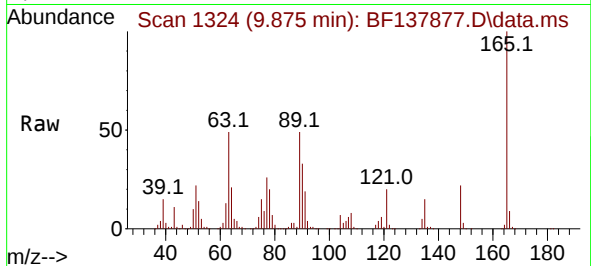
Tgt Ion:165 Resp: 245740
Ion Ratio Lower Upper
165 100
63 48.6 41.9 62.9
89 49.4 43.2 64.8

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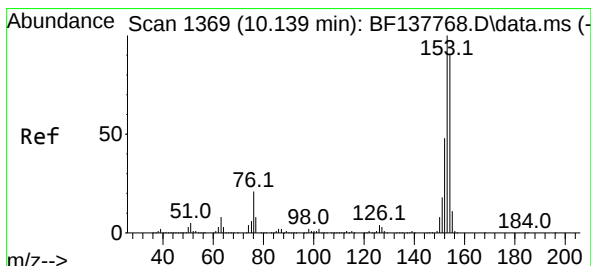
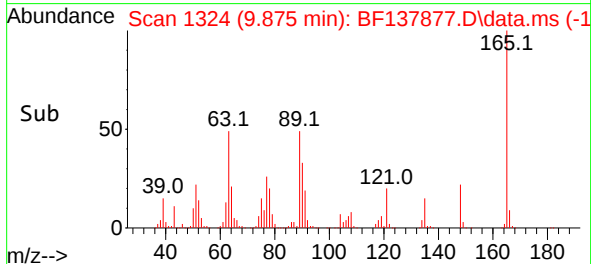
Supervised By :mohammad ahmed 05/13/2024



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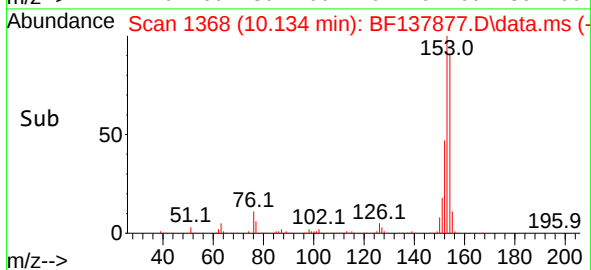
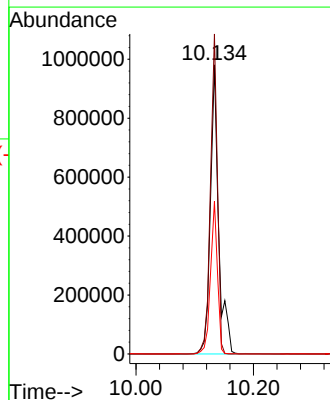
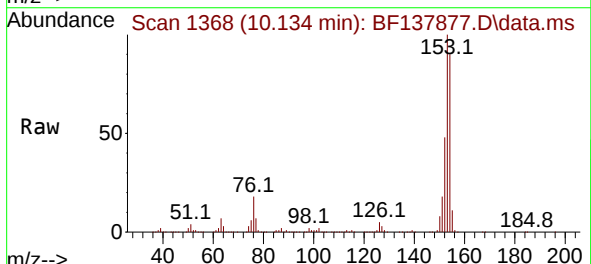
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#52
Acenaphthene
Concen: 47.066 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:154 Resp: 960160
Ion Ratio Lower Upper
154 100
153 110.6 88.7 133.1
152 52.8 42.8 64.2





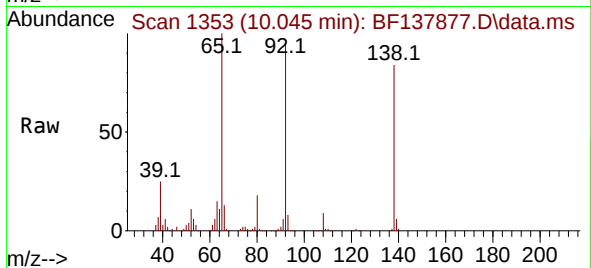
#53
3-Nitroaniline
Concen: 29.484 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

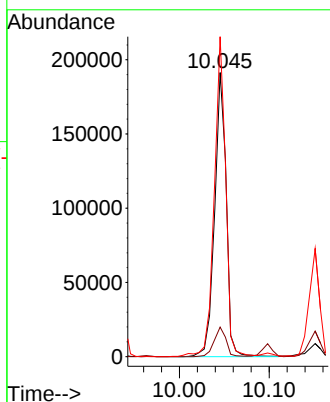
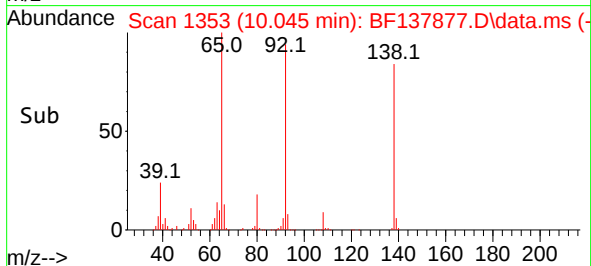
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Tgt Ion:138 Resp: 171049
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 112.6 84.6 126.8

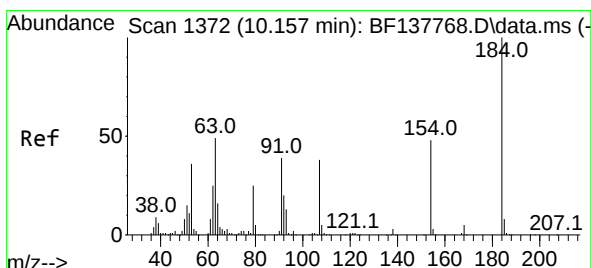
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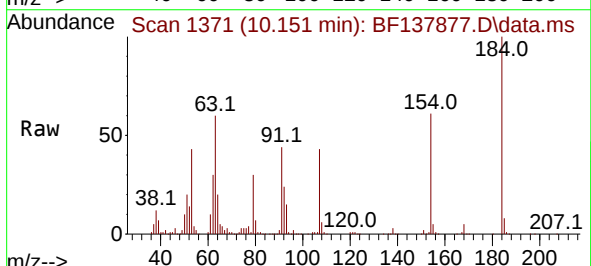


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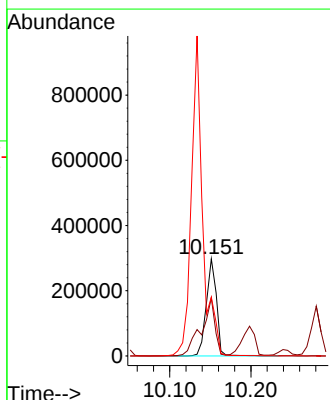
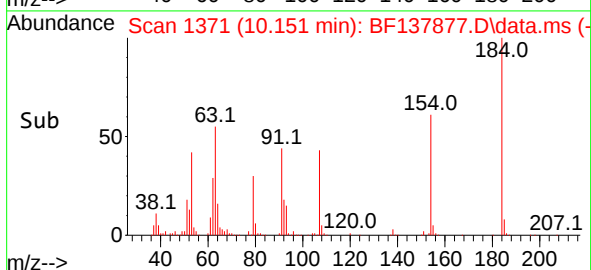
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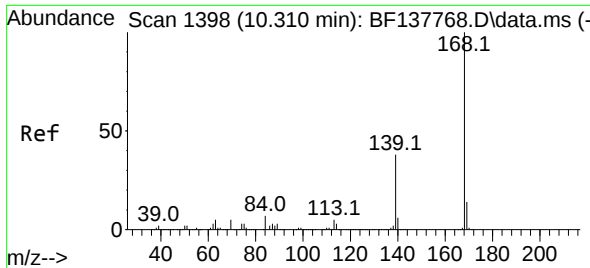


#54
2,4-Dinitrophenol
Concen: 95.441 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



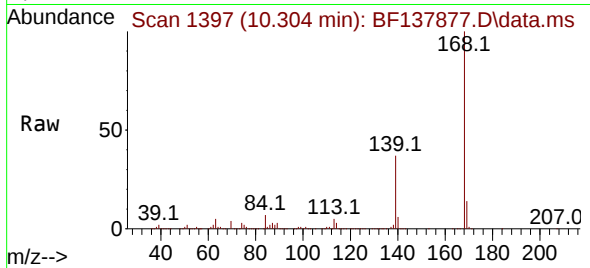
Tgt Ion:184 Resp: 259796
Ion Ratio Lower Upper
184 100
63 59.8 40.3 60.5
154 60.7 45.2 67.8





#55
Dibenzenofuran
Concen: 44.082 ng
RT: 10.304 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

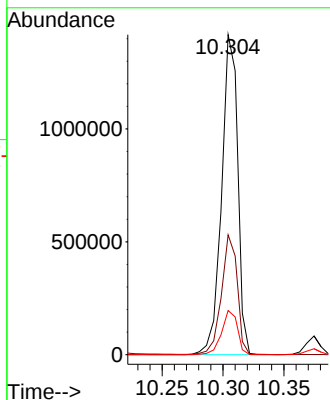
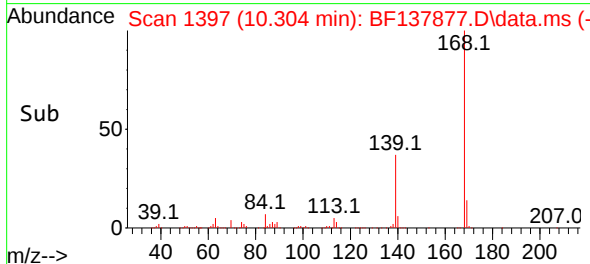
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:168 Resp: 130867
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.8 11.4 17.0

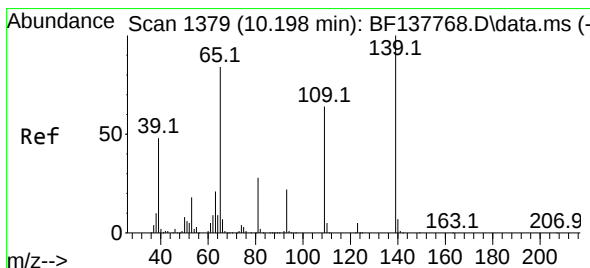
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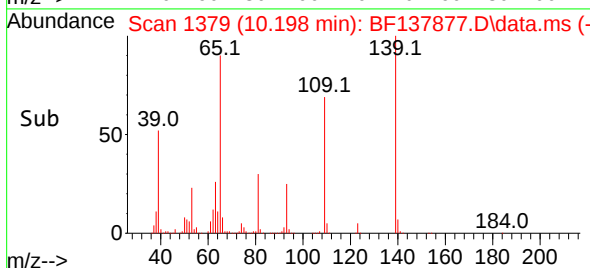
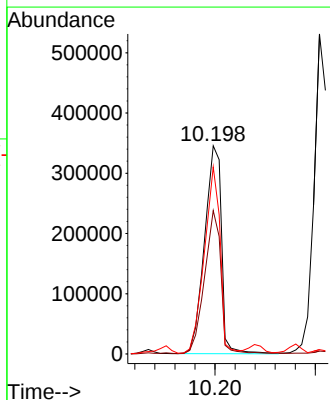
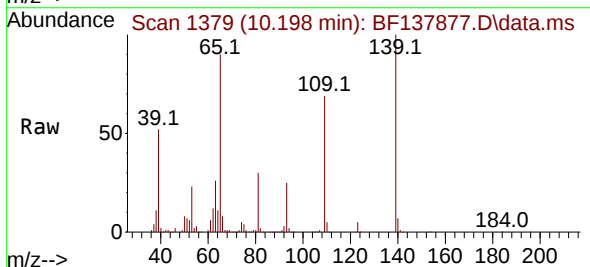
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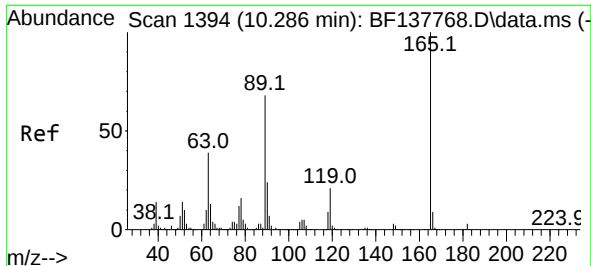
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#56
4-Nitrophenol
Concen: 84.669 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:139 Resp: 407107
Ion Ratio Lower Upper
139 100
109 68.9 44.0 84.0
65 89.9 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 46.407 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

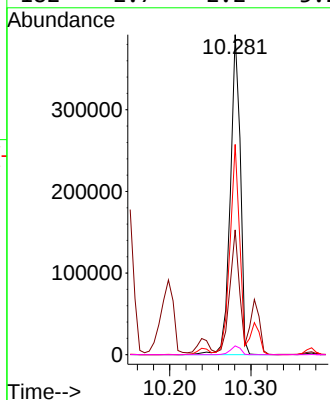
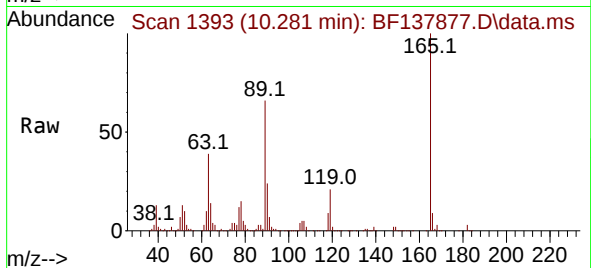
ClientSampleId :

PB160825BS

Tgt Ion:165 Resp: 33586
Ion Ratio Lower Upper
165 100
63 39.0 31.3 46.9
89 65.7 54.2 81.4
182 2.7 2.2 3.2

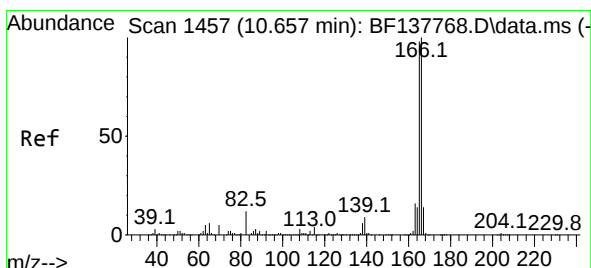
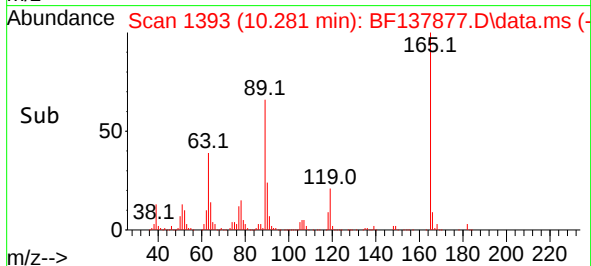
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Supervised By :mohammad ahmed 05/13/2024



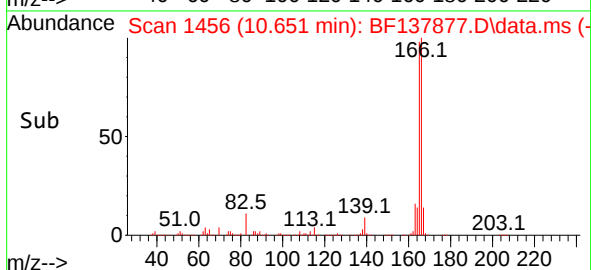
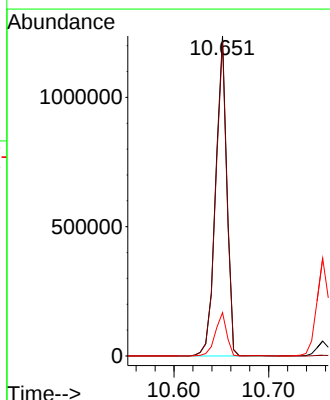
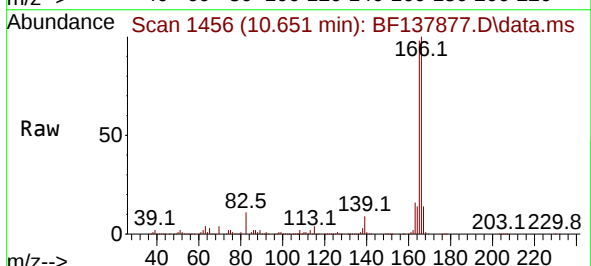
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Supervised By :mohammad
ahmed

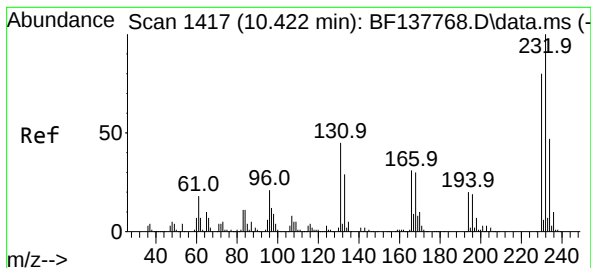
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#58
Fluorene
Concen: 43.090 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

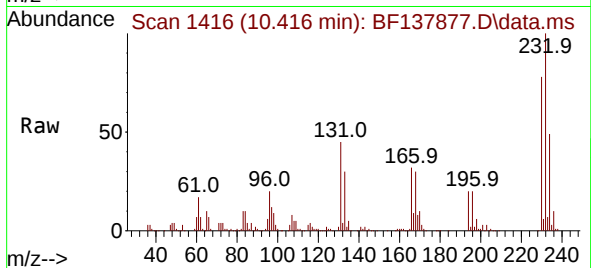
Tgt Ion:166 Resp: 1018074
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.839 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

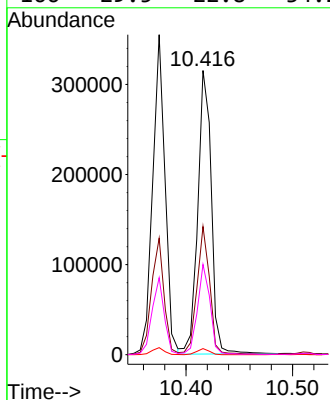
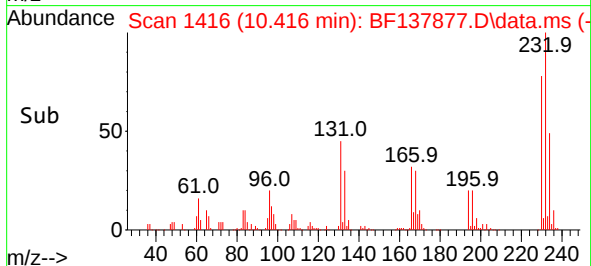
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:232 Resp: 27827
Ion Ratio Lower Upper
232 100
131 42.4 33.4 50.0
130 2.0 1.7 2.5
166 29.5 22.8 34.2

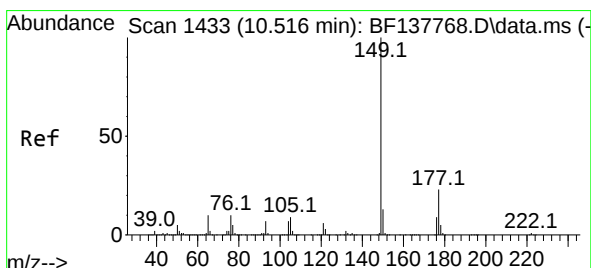
Manual Integrations
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



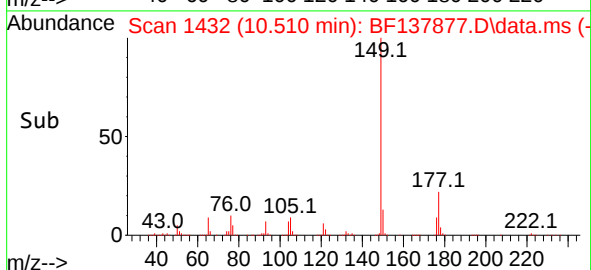
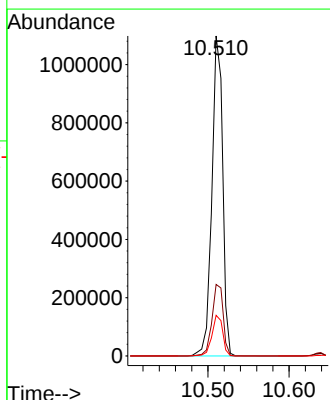
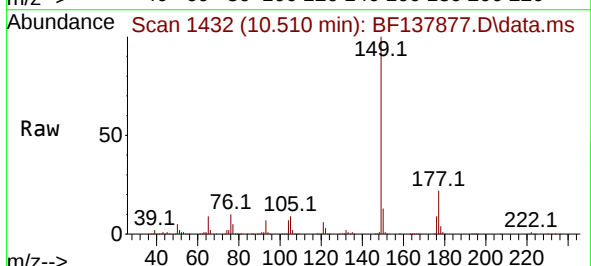
05/13/2024
Supervised By :mohammad
ahmed

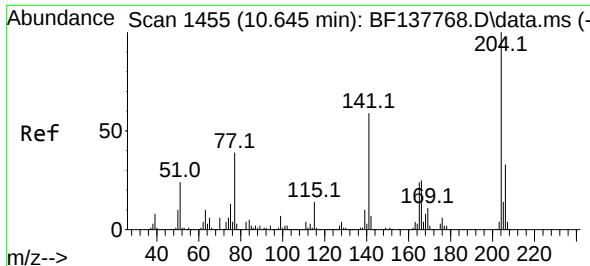
05/13/2024



#60
Diethylphthalate
Concen: 43.839 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:149 Resp: 1009297
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.7 10.5 15.7





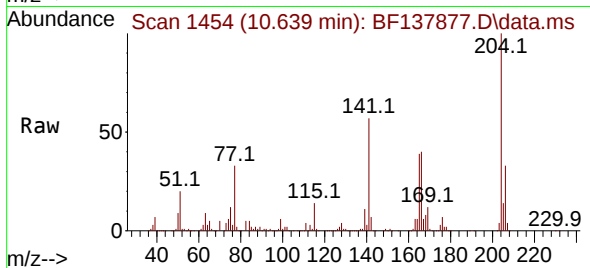
#61
4-Chlorophenyl-phenylether
Concen: 42.939 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



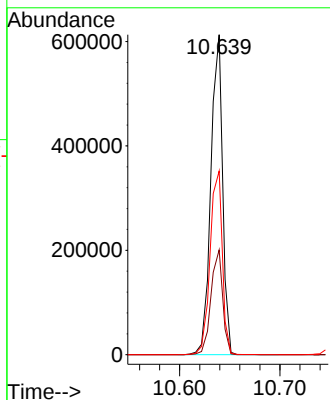
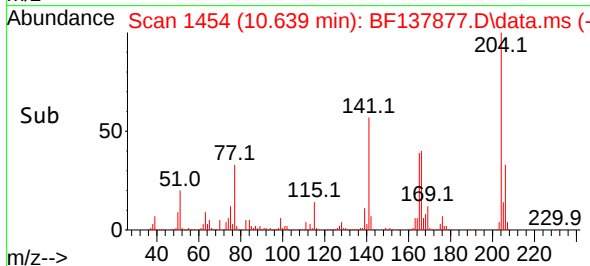
Tgt Ion:204 Resp: 49988
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 57.4 47.0 70.6

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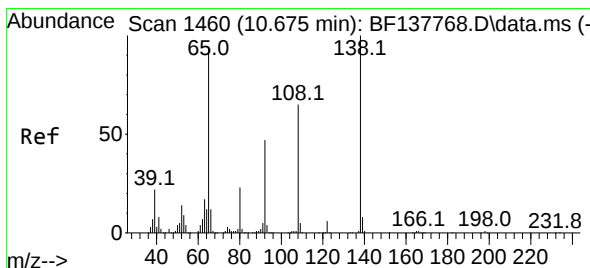
Supervised By :mohammad ahmed 05/13/2024



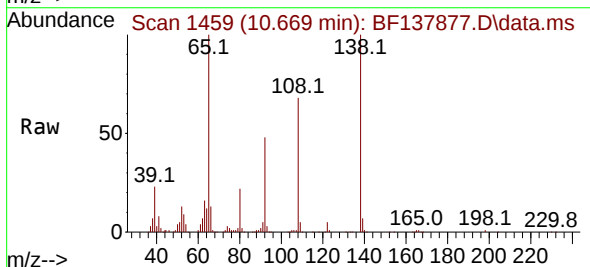
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Supervised By :mohammad
ahmed

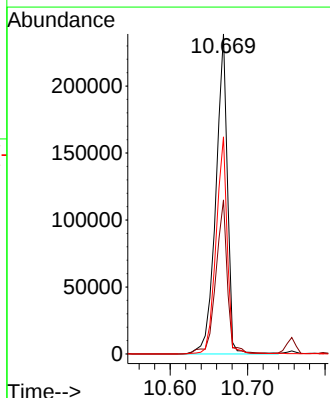
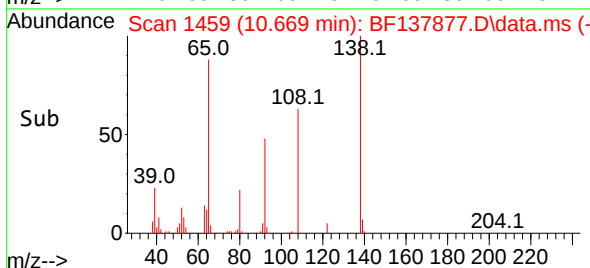
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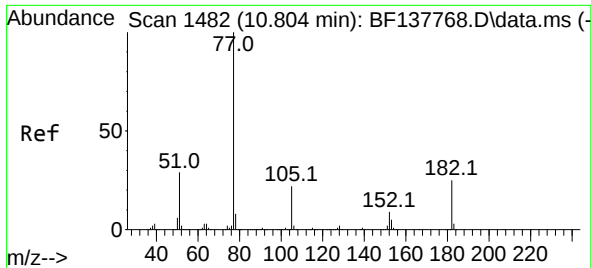


#62
4-Nitroaniline
Concen: 42.257 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:138 Resp: 248659
Ion Ratio Lower Upper
138 100
92 48.2 26.8 66.8
108 67.9 44.7 84.7





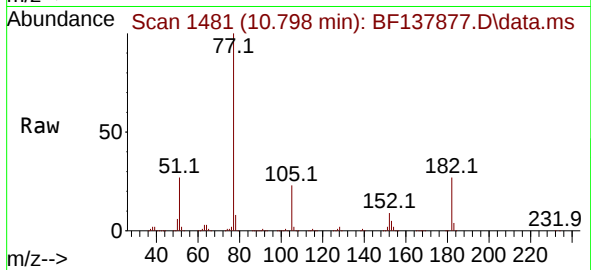
#63
Azobenzene
Concen: 42.603 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



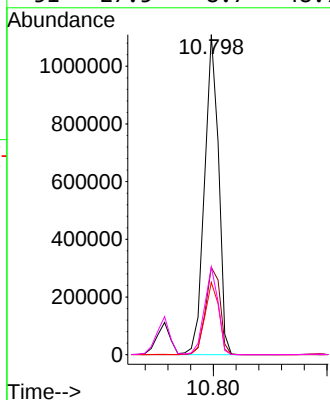
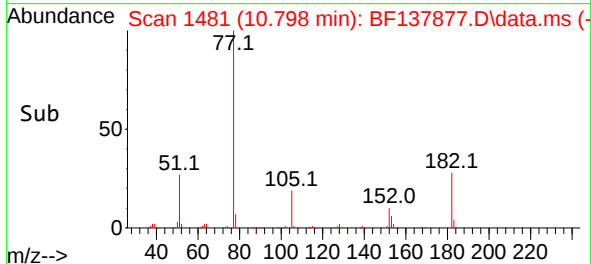
Tgt Ion: 77 Resp: 947998
Ion Ratio Lower Upper
77 100
182 27.3 5.1 45.1
105 22.6 2.2 42.2
51 27.5 8.7 48.7

Manual Integrations

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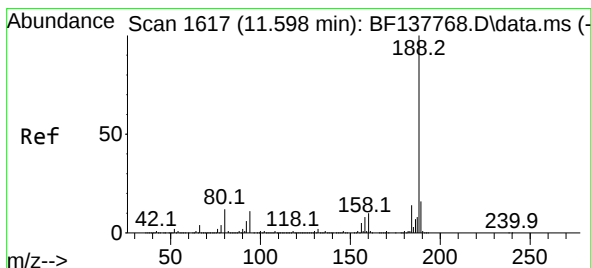
Supervised By :mohammad ahmed 05/13/2024



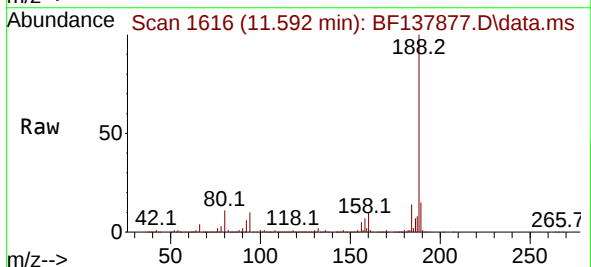
05/13/2024

Supervised By :mohammad
ahmed

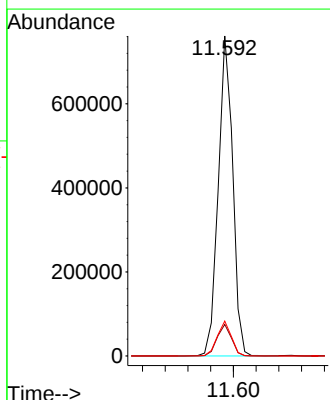
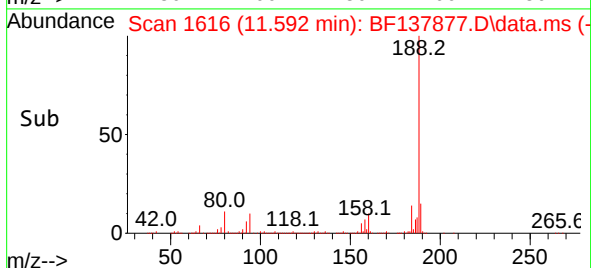
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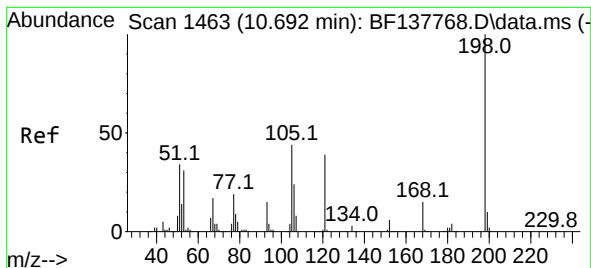


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



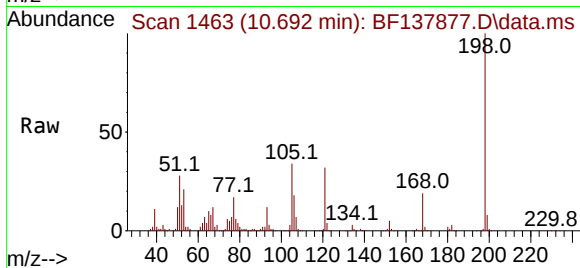
Tgt Ion:188 Resp: 673281
Ion Ratio Lower Upper
188 100
94 9.9 8.8 13.2
80 10.9 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.736 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

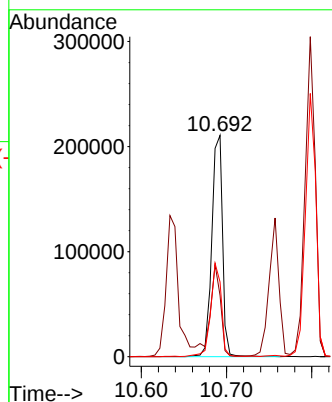
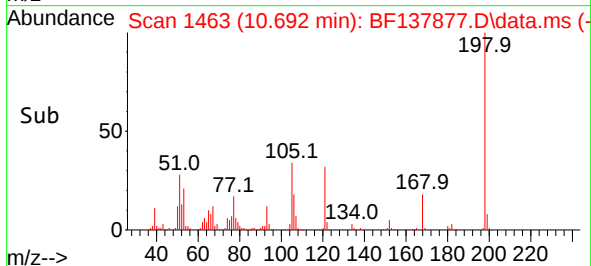
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:198 Resp: 184470
Ion Ratio Lower Upper
198 100
51 27.7 25.1 65.1
105 33.8 24.1 64.1

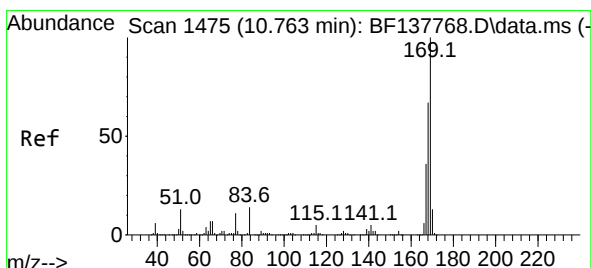
Manual Integrations
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



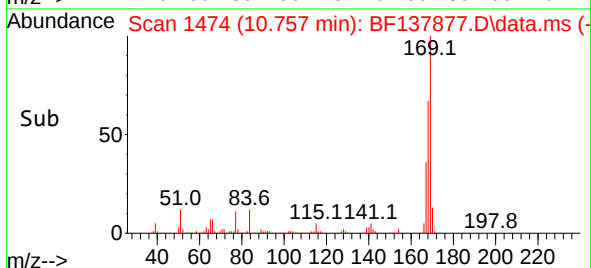
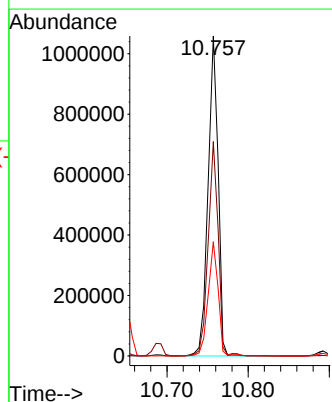
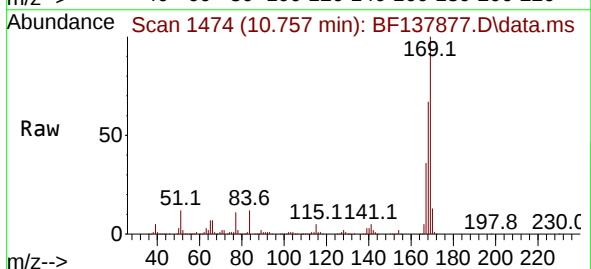
05/13/2024
Supervised By :mohammad
ahmed

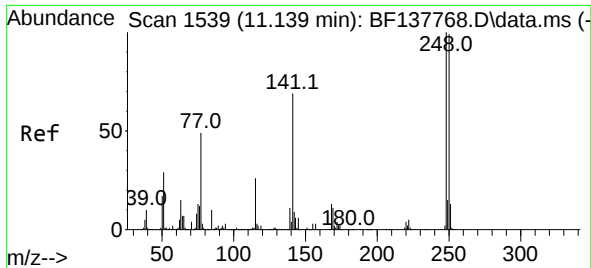
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#66
n-Nitrosodiphenylamine
Concen: 44.979 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:169 Resp: 906502
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 35.7 29.2 43.8





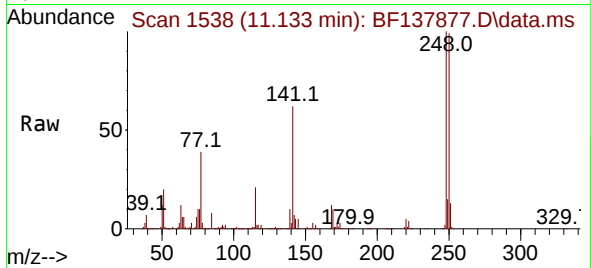
#67
4-Bromophenyl-phenylether
Concen: 43.914 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

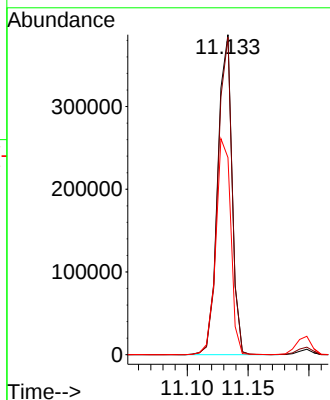
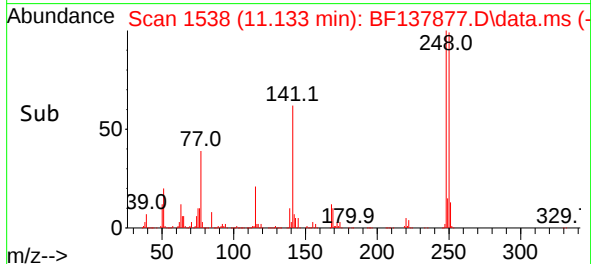
PB160825BS



Tgt Ion:248 Resp: 31642
Ion Ratio Lower Upper
248 100
250 99.2 79.1 118.7
141 61.6 55.4 83.2

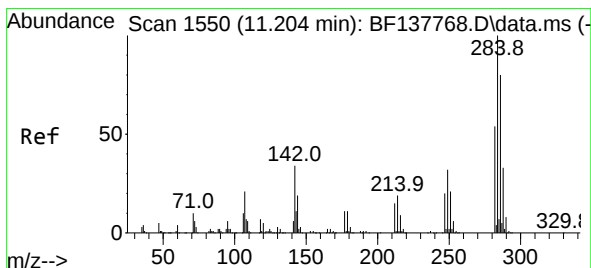
Manual Integrations
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

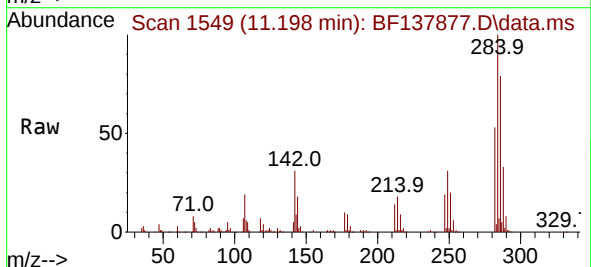


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ahmed

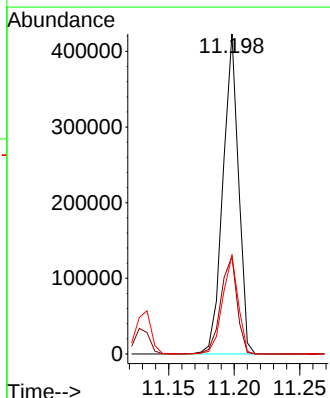
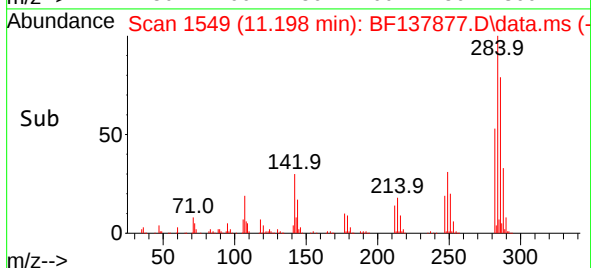
05/13/2024

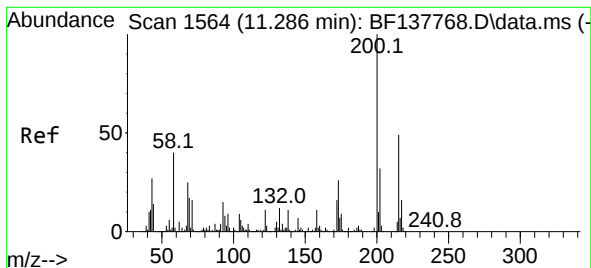


#68
Hexachlorobenzene
Concen: 44.196 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:284 Resp: 348013
Ion Ratio Lower Upper
284 100
142 30.5 27.3 40.9
249 30.7 25.6 38.4





#69

Atrazine

Concen: 49.677 ng

RT: 11.281 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:200 Resp: 305270

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

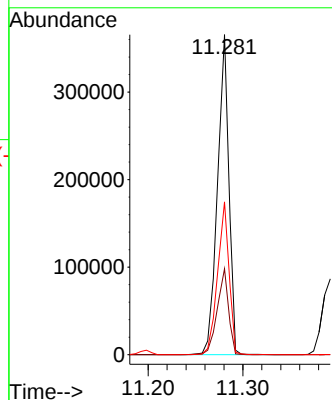
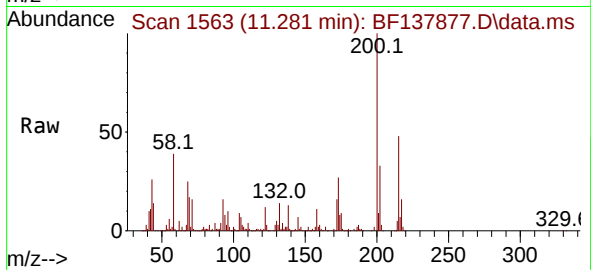
215 47.8 28.8 68.8

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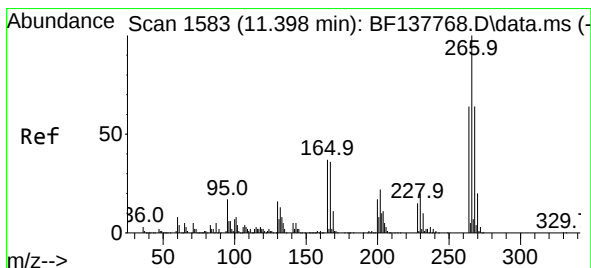
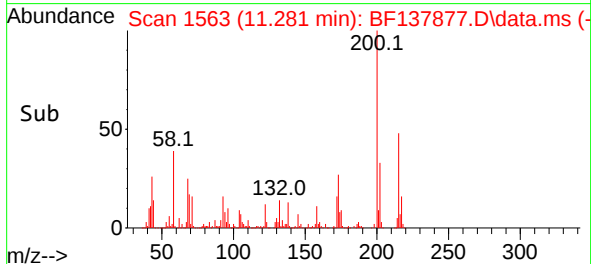
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
ahmed

05/13/2024



#70

Pentachlorophenol

Concen: 81.555 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

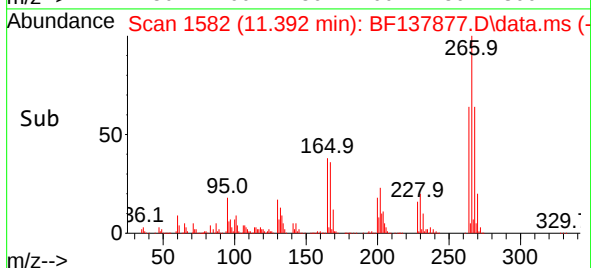
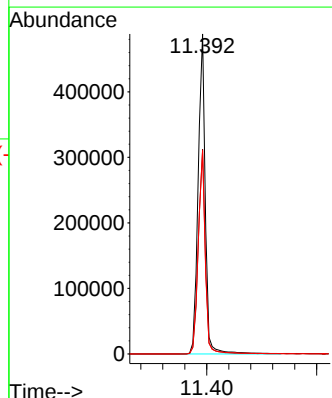
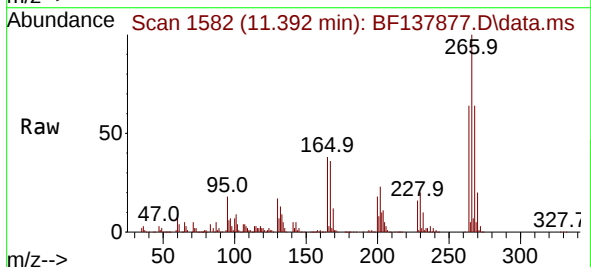
Tgt Ion:266 Resp: 440892

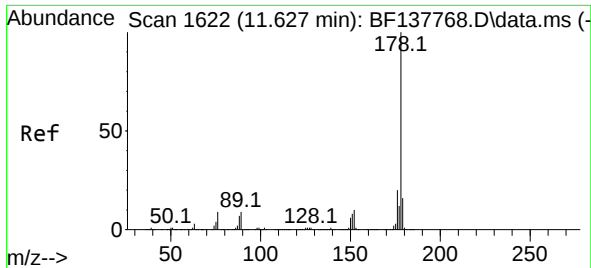
Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 63.6 51.0 76.4





#71
Phenanthrene
Concen: 44.125 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

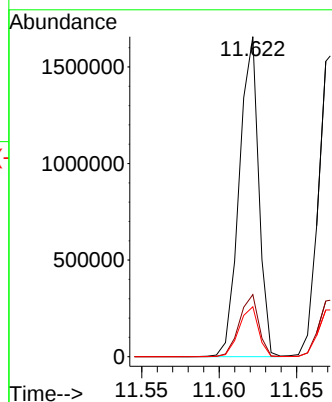
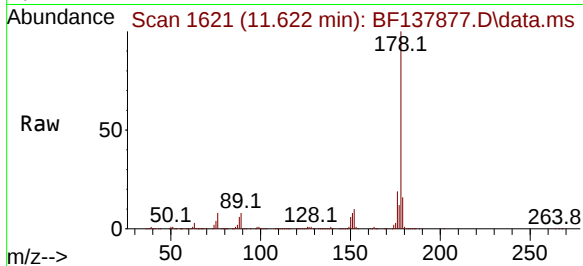
Tgt Ion:178 Resp: 1448054
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.6 12.5 18.7

Manual Integrations

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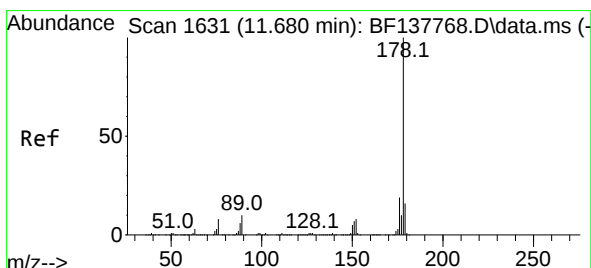
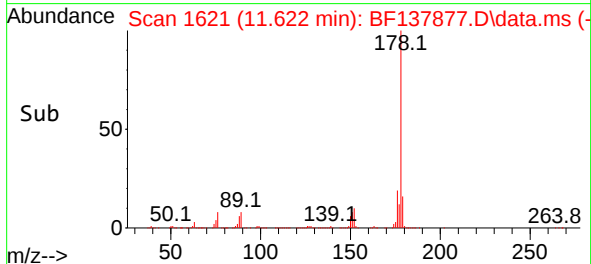
Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



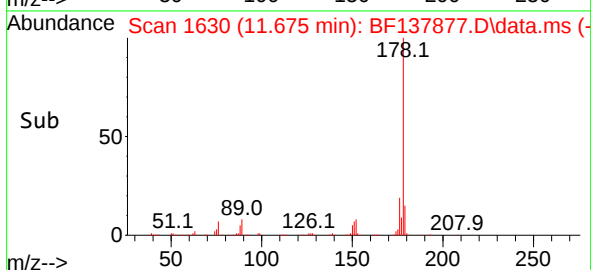
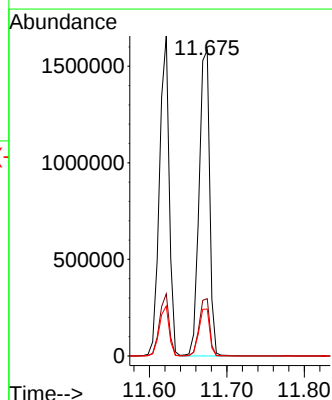
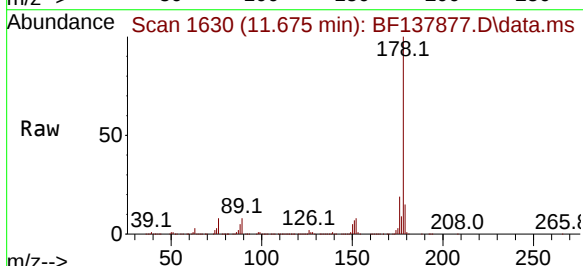
05/13/2024
Supervised By :mohammad
ahmed

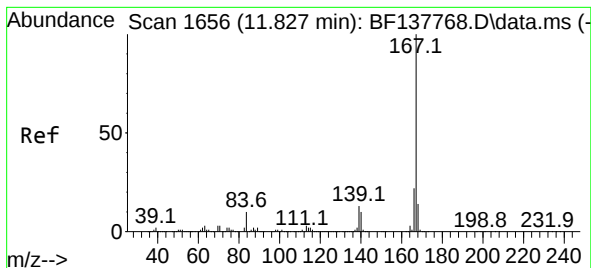
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#72
Anthracene
Concen: 45.869 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

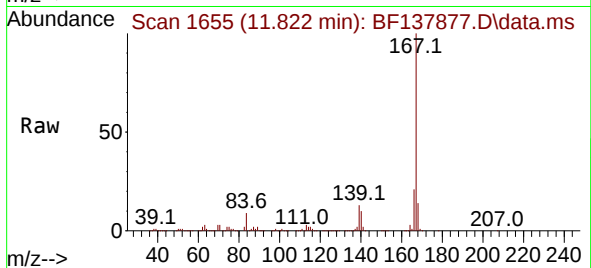
Tgt Ion:178 Resp: 1497717
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.3 12.6 18.8





#73
Carbazole
Concen: 43.320 ng
RT: 11.822 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

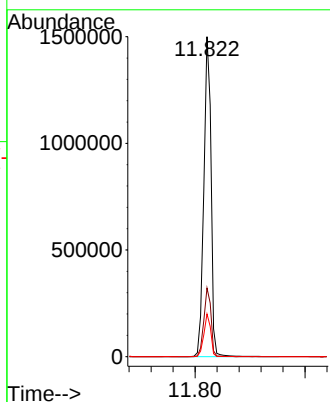
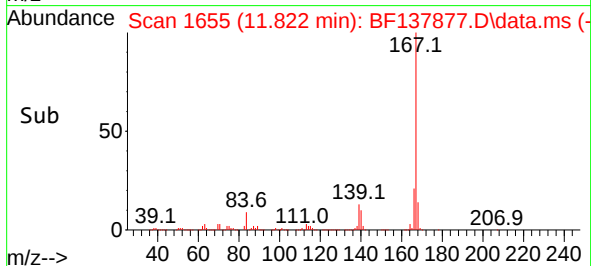
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:167 Resp: 1363234
Ion Ratio Lower Upper
167 100
166 21.5 17.6 26.4
139 13.3 10.5 15.7

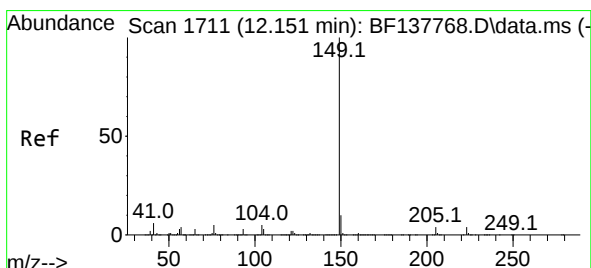
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

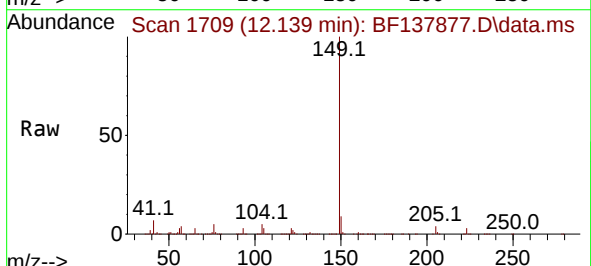


05/13/2024
Supervised By :mohammad
ahmed

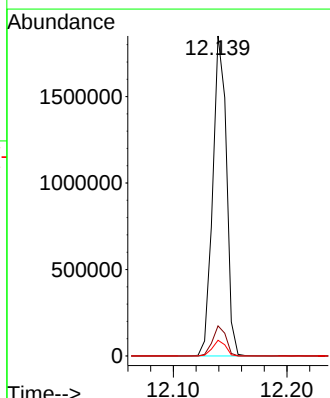
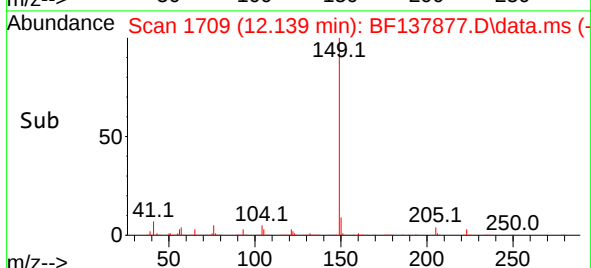
05/13/2024

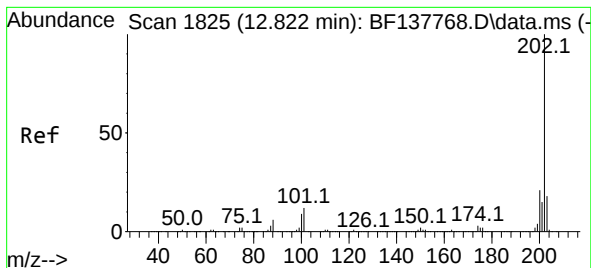


#74
Di-n-butylphthalate
Concen: 45.165 ng
RT: 12.139 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:149 Resp: 1550400
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.9 3.8 5.8





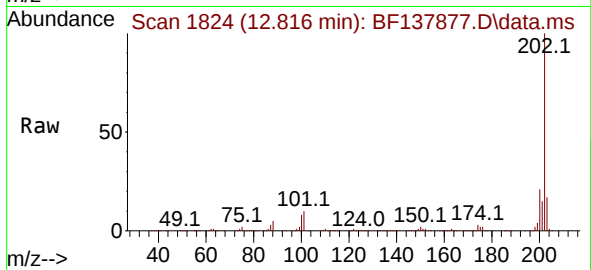
#75
Fluoranthene
Concen: 42.603 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



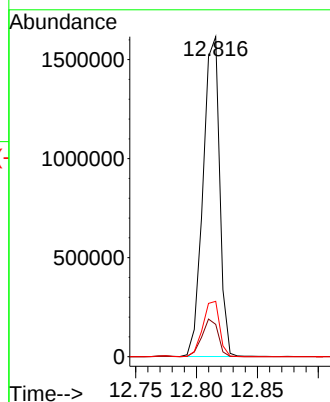
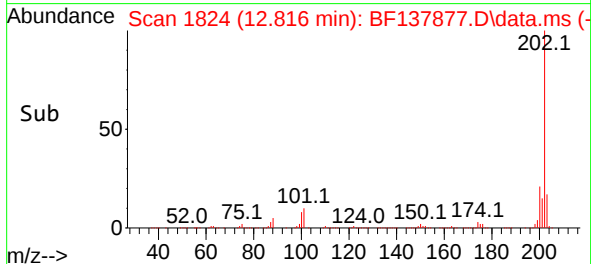
Tgt Ion:202 Resp: 152826
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.3 0.0 37.8

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

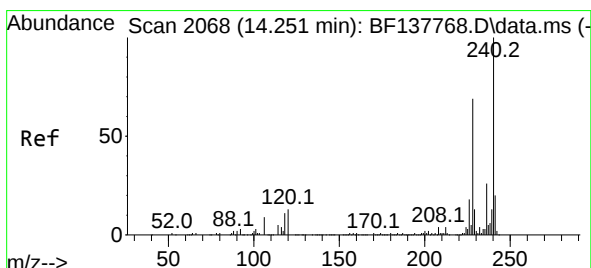
Supervised By :mohammad ahmed 05/13/2024



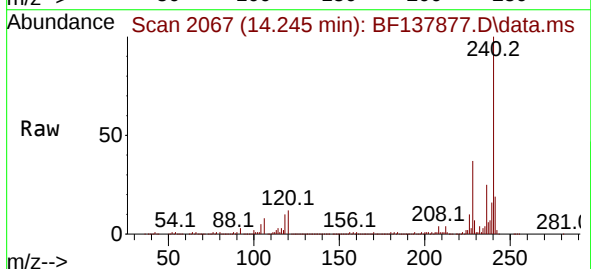
05/13/2024

Supervised By :mohammad
ahmed

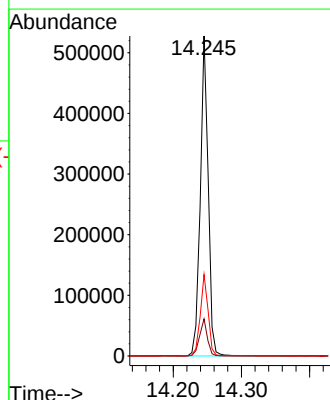
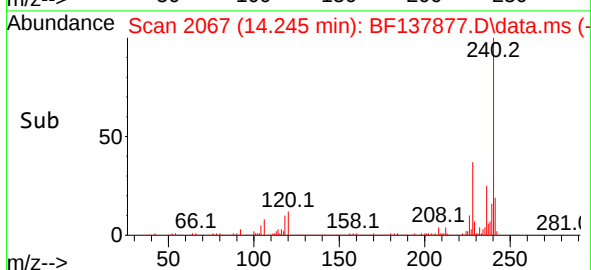
05/13/2024

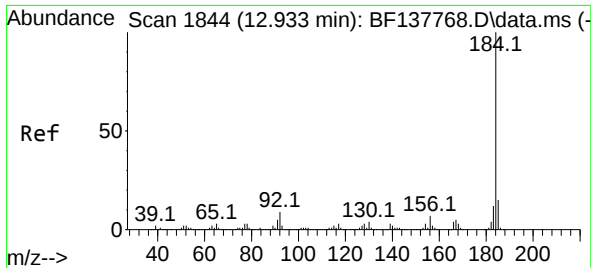


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:240 Resp: 421900
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 25.5 20.4 30.6





#77
Benzidine
Concen: 41.375 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

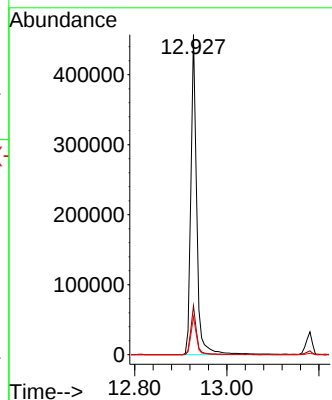
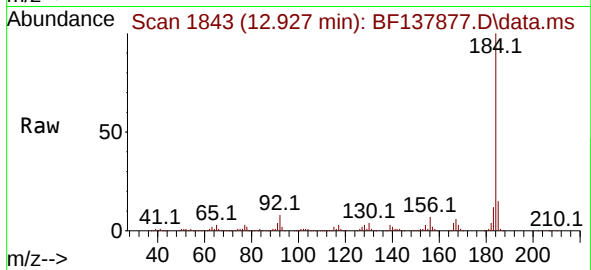
ClientSampleId :

PB160825BS

Tgt Ion:184 Resp: 40372
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 11.9 9.2 13.8

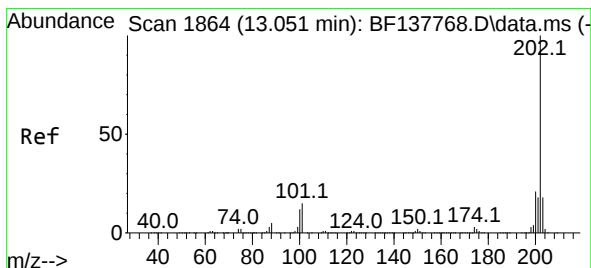
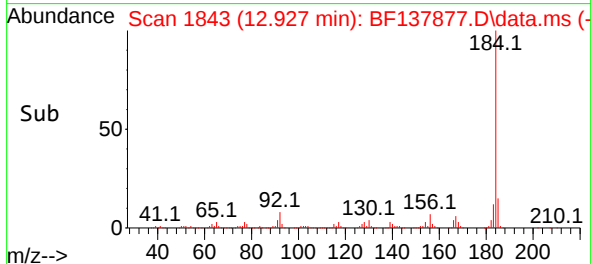
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Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



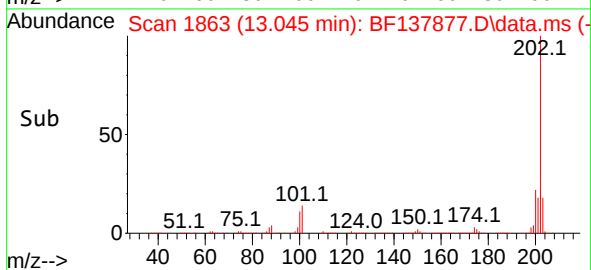
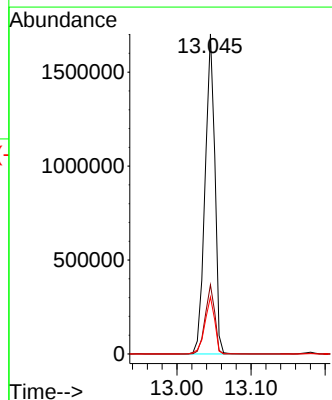
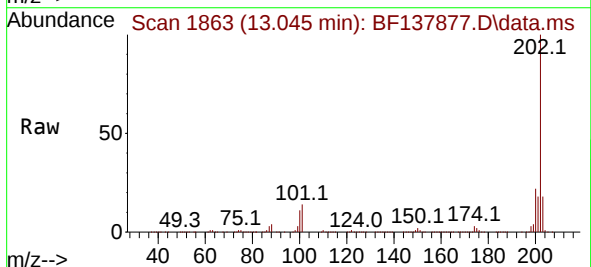
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ahmed

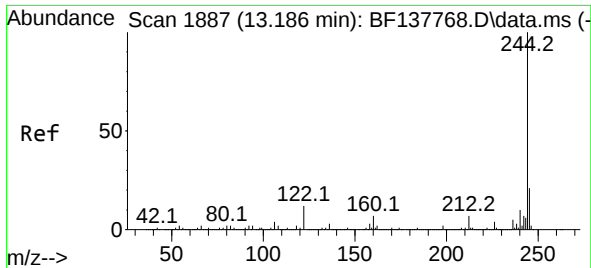
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#78
Pyrene
Concen: 46.841 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:202 Resp: 1566891
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.4 21.6





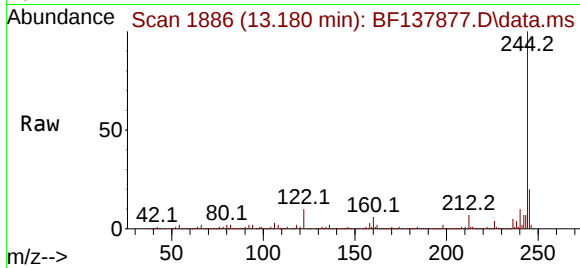
#79
Terphenyl-d14
Concen: 95.935 ng
RT: 13.180 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



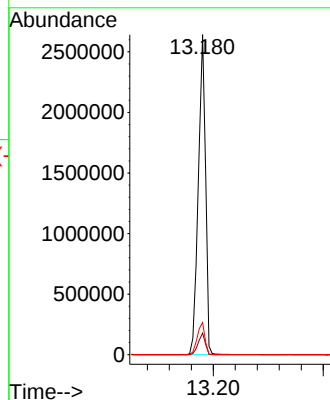
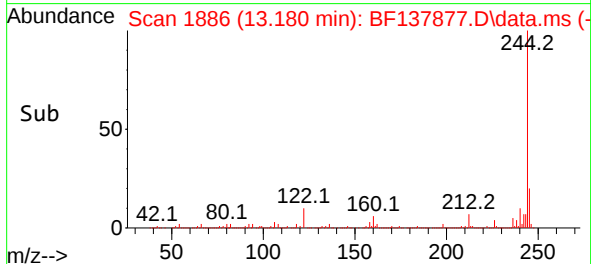
Tgt Ion:244 Resp: 241517
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.1 9.4 14.2

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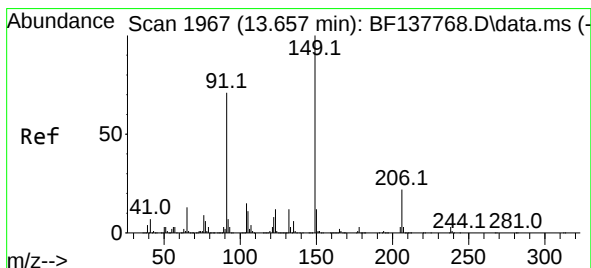
Supervised By :mohammad ahmed 05/13/2024



05/13/2024

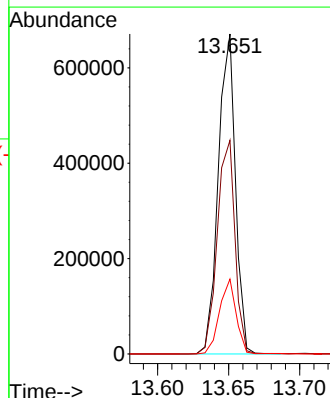
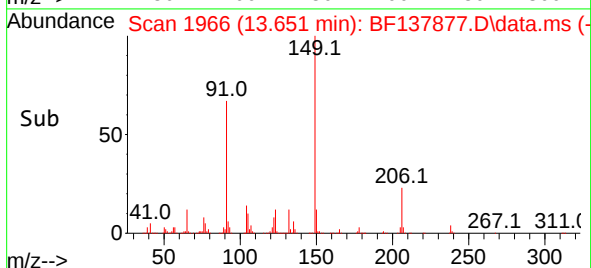
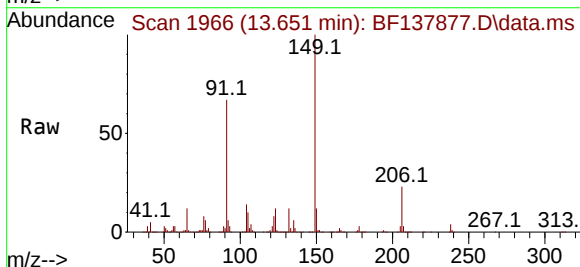
Supervised By :mohammad
ahmed

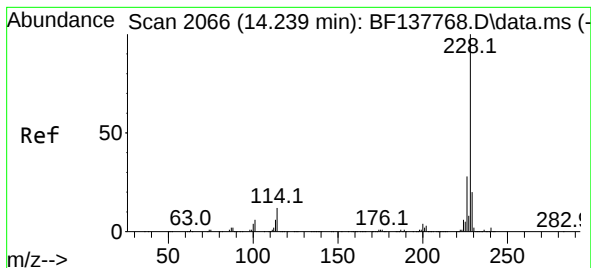
05/13/2024



#80
Butylbenzylphthalate
Concen: 53.150 ng
RT: 13.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:149 Resp: 564117
Ion Ratio Lower Upper
149 100
91 66.8 56.8 85.2
206 23.4 17.8 26.8





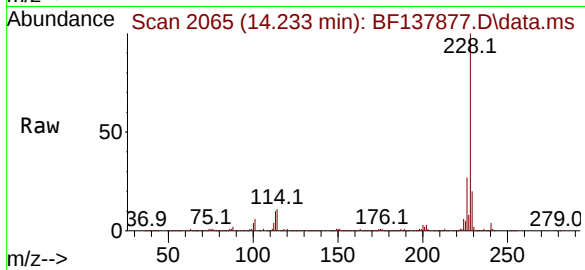
#81
Benzo(a)anthracene
Concen: 45.628 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS



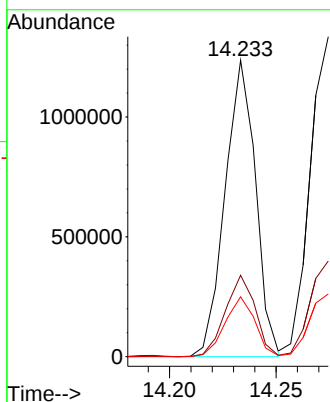
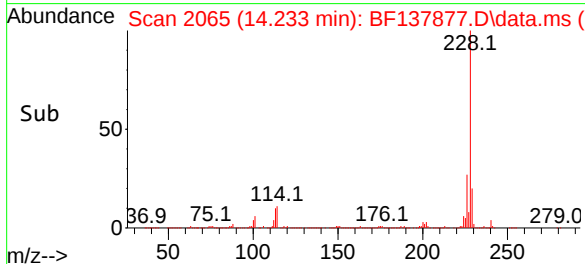
Tgt Ion:228 Resp: 1231248
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.2 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

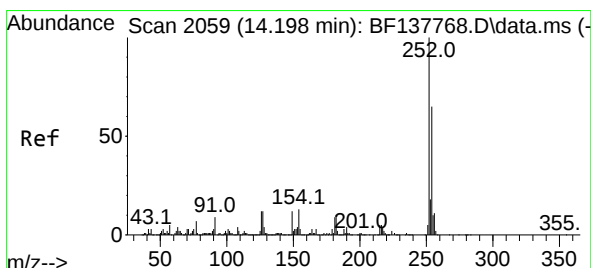
Supervised By :mohammad ahmed 05/13/2024



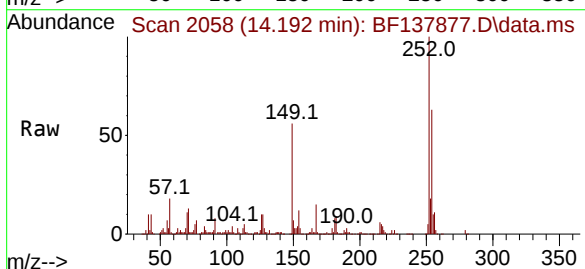
05/13/2024

Supervised By :mohammad
ahmed

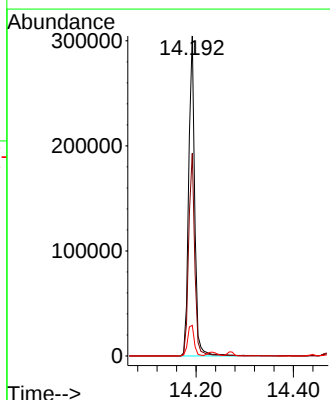
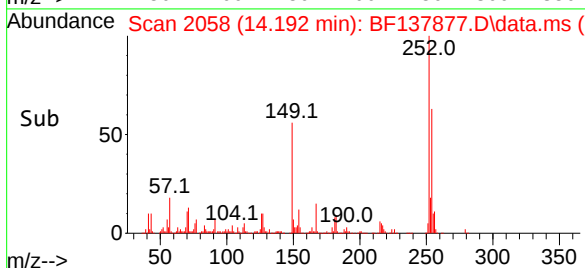
05/13/2024

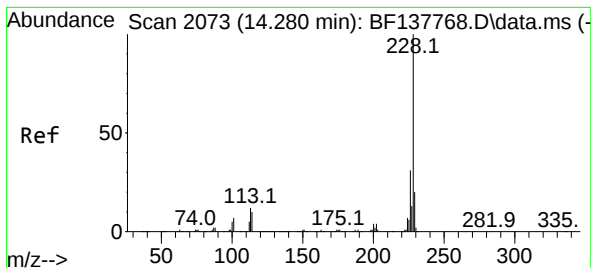


#82
3,3'-Dichlorobenzidine
Concen: 32.225 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03



Tgt Ion:252 Resp: 260322
Ion Ratio Lower Upper
252 100
254 63.3 51.7 77.5
126 9.5 9.7 14.5





#83

Chrysene

Concen: 45.480 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:228 Resp: 114910

Ion Ratio Lower Upper

228 100

226 29.9 24.8 37.2

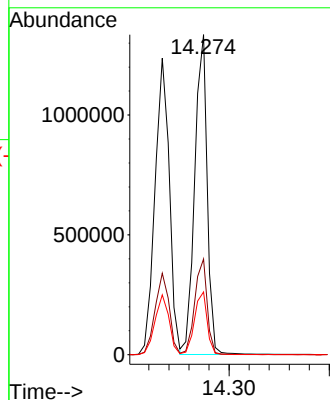
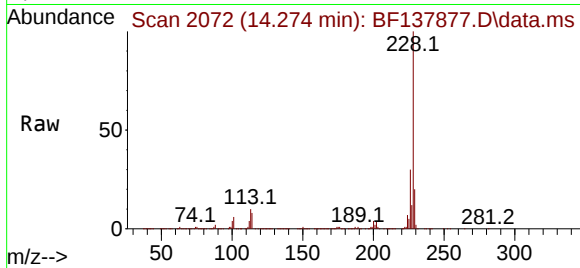
229 19.6 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

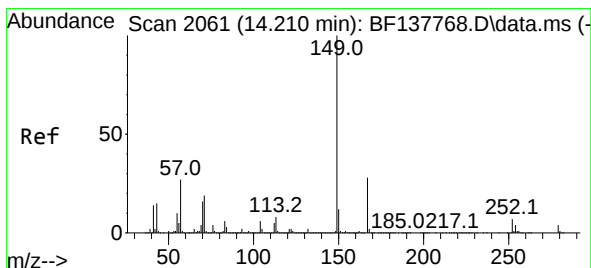
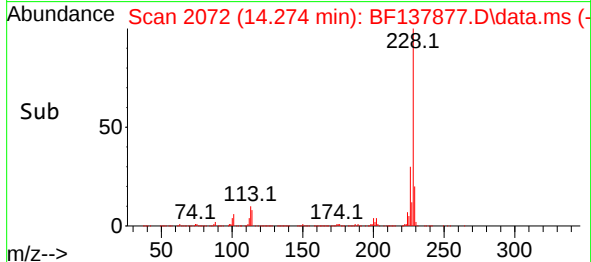
Supervised By :mohammad ahmed 05/13/2024



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ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 53.919 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

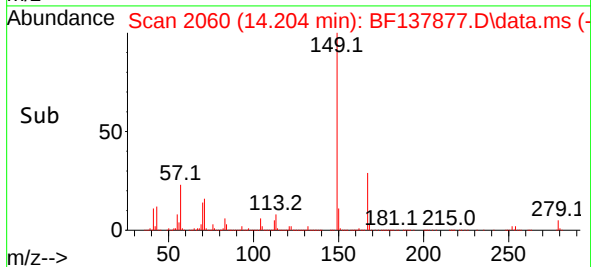
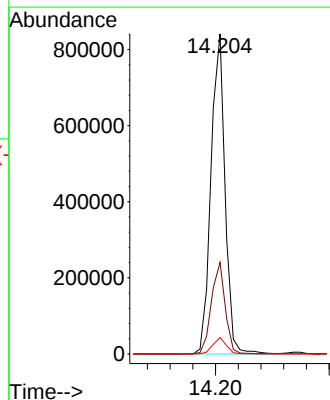
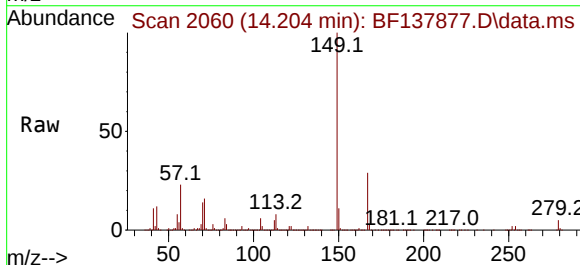
Tgt Ion:149 Resp: 721224

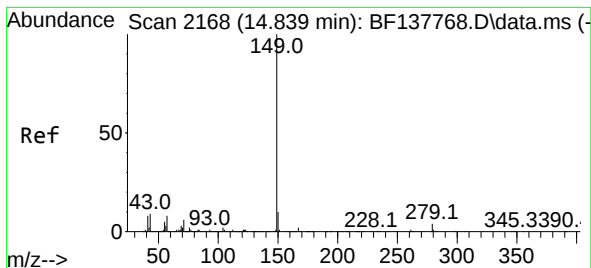
Ion Ratio Lower Upper

149 100

167 28.6 22.4 33.6

279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.412 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:149 Resp: 979504

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

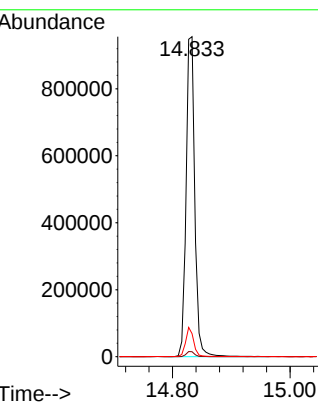
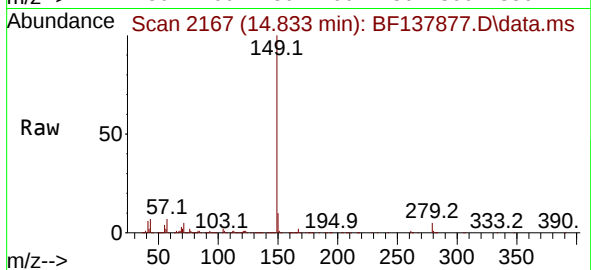
43 8.3 7.5 11.3

Manual Integrations

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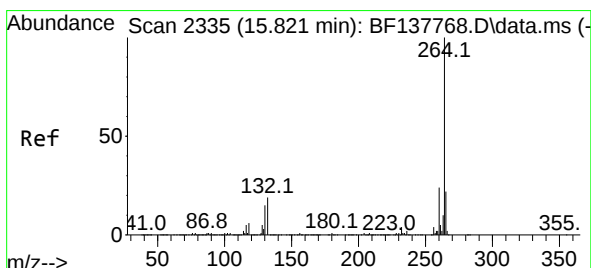
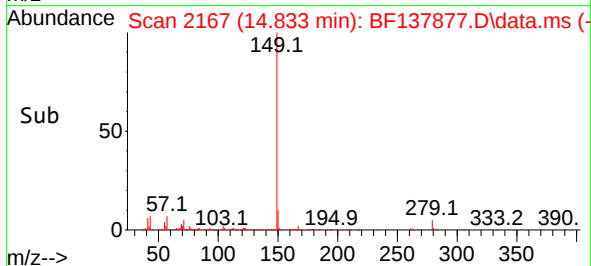
Supervised By :mohammad ahmed 05/13/2024



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ahmed

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

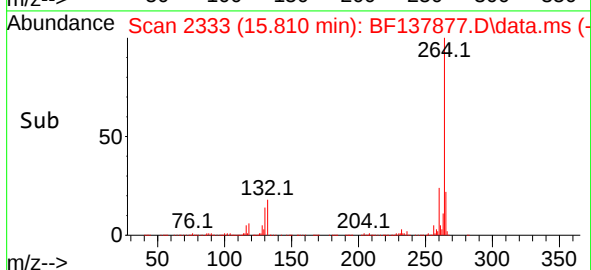
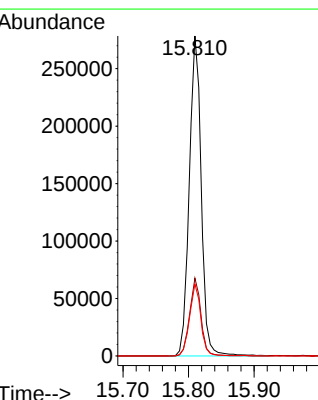
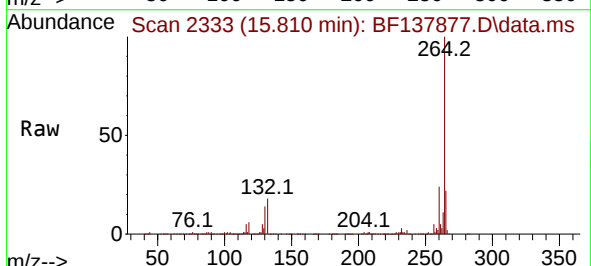
Tgt Ion:264 Resp: 354271

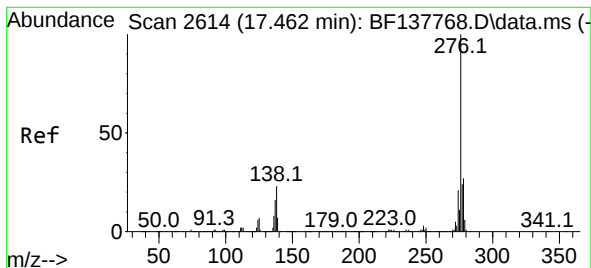
Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.196 ng

RT: 17.451 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:276 Resp: 1011018

Ion Ratio Lower Upper

276 100

138 25.5 21.4 32.0

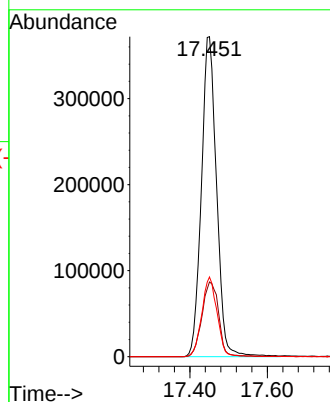
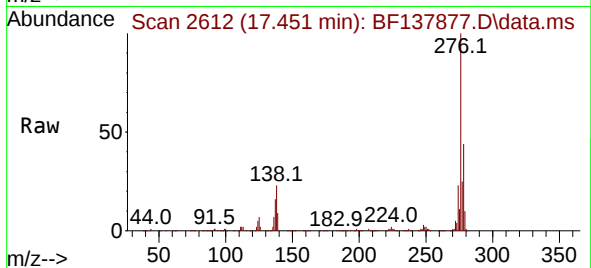
277 25.1 20.1 30.1

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Reviewed By :Yogesh Patel 05/13/2024

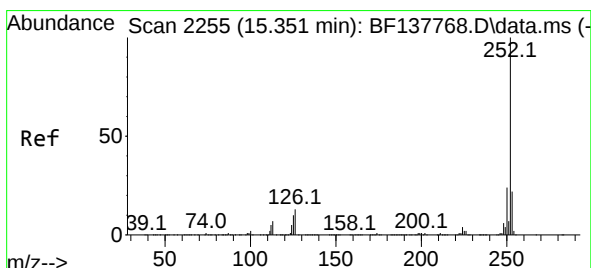
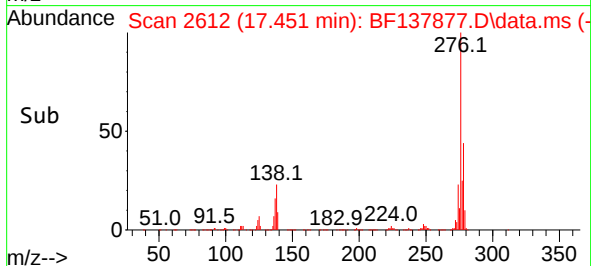
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 43.693 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

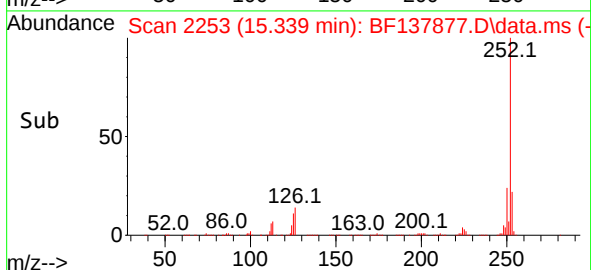
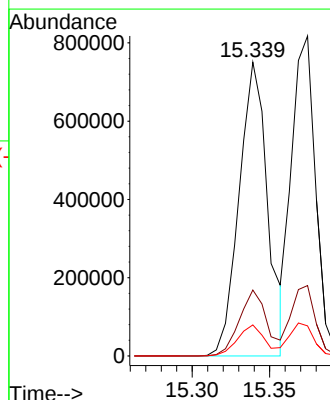
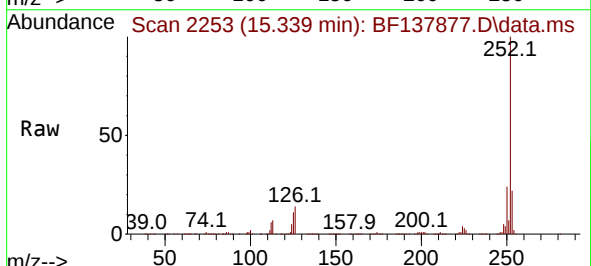
Tgt Ion:252 Resp: 963078

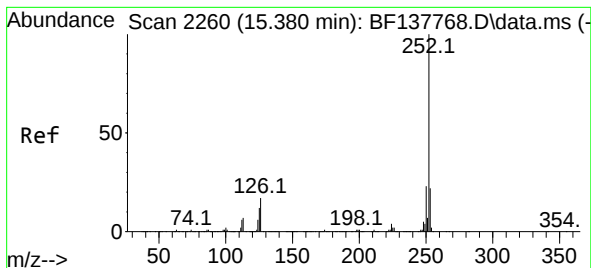
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 41.975 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB160825BS

Tgt Ion:252 Resp: 89423

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

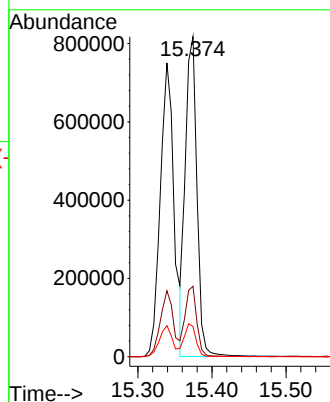
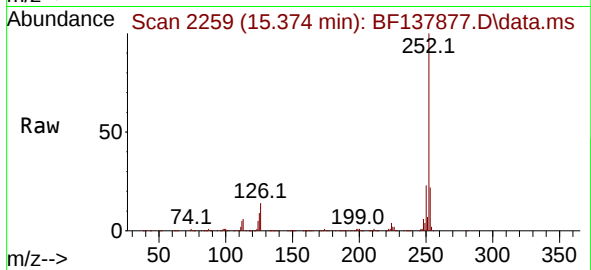
125 9.4 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

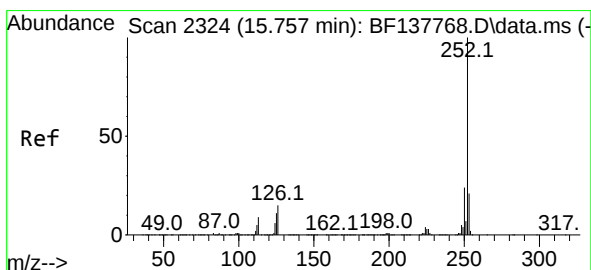
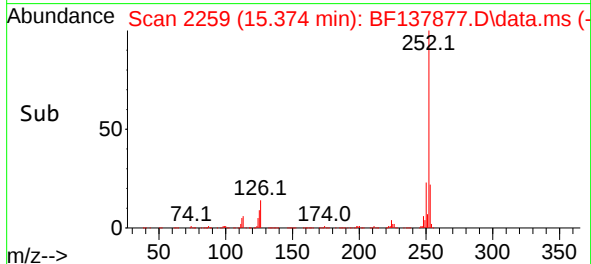
Supervised By :mohammad ahmed 05/13/2024



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Supervised By :mohammad
ahmed

05/13/2024



#90

Benzo(a)pyrene

Concen: 47.980 ng

RT: 15.745 min Scan# 2322

Delta R.T. -0.012 min

Lab File: BF137877.D

Acq: 10 May 2024 13:03

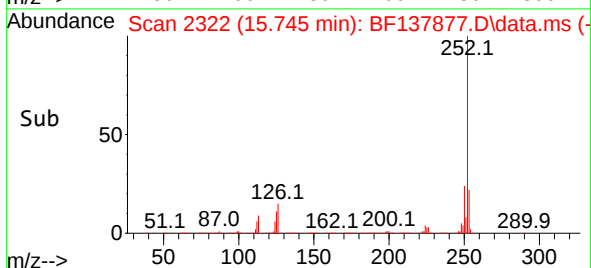
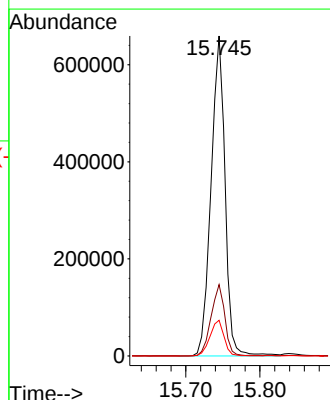
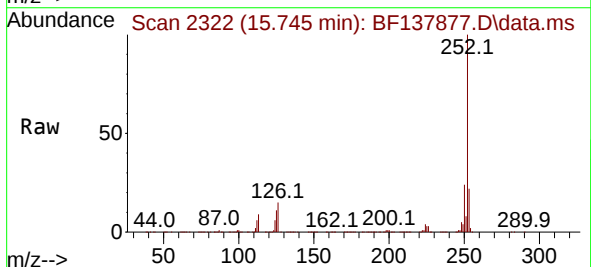
Tgt Ion:252 Resp: 862794

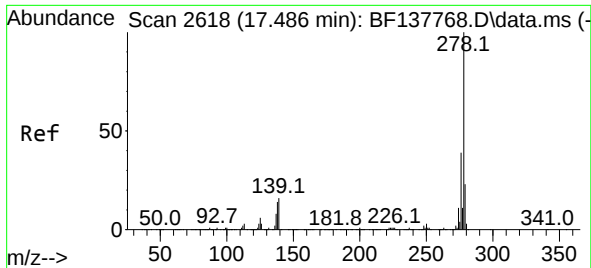
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

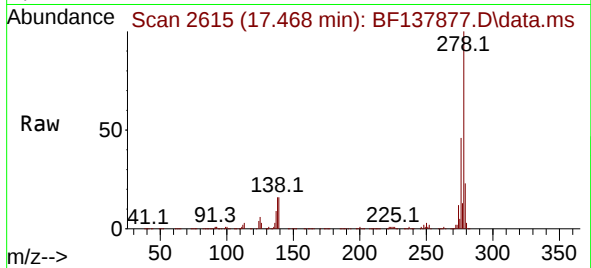
125 11.1 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.177 ng
RT: 17.468 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

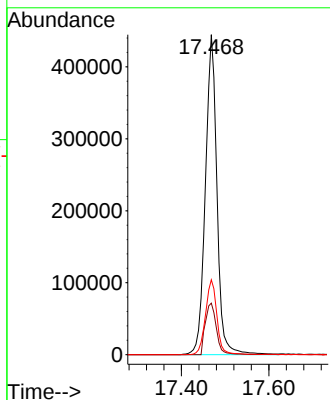
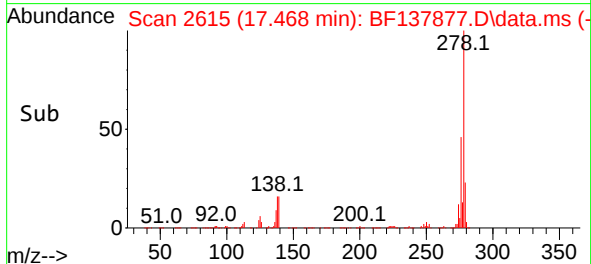
Instrument :
BNA_F
ClientSampleId :
PB160825BS



Tgt Ion:278 Resp: 82262
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.6
279 23.4 18.7 28.1

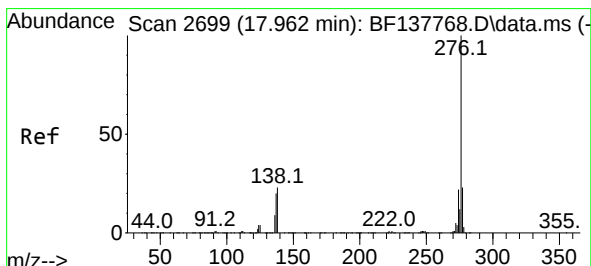
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



05/13/2024
Supervised By :mohammad
ahmed

05/13/2024



#92
Benzo(g,h,i)perylene
Concen: 45.472 ng
RT: 17.951 min Scan# 2697
Delta R.T. -0.012 min
Lab File: BF137877.D
Acq: 10 May 2024 13:03

Tgt Ion:276 Resp: 781501
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 21.3 18.1 27.1

