

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137878.D
 Acq On : 10 May 2024 13:33
 Operator : CG\JU
 Sample : PB160643BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS

Manual Integrations
 APPROVED

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

Quant Time: May 11 00:32:34 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	196033	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	781110	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	438201	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	753824	20.000	ng	0.00
76) Chrysene-d12	14.245	240	469496	20.000	ng	0.00
86) Perylene-d12	15.810	264	376902	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1383416	118.156	ng	0.01
7) Phenol-d6	6.669	99	1772870	119.377	ng	0.00
23) Nitrobenzene-d5	7.616	82	1094421	81.402	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	588222	131.471	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2260133	83.677	ng	-0.01
79) Terphenyl-d14	13.180	244	2509800	89.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	171561	32.539	ng	97
3) Pyridine	3.816	79	434819	34.075	ng	97
4) n-Nitrosodimethylamine	3.787	42	212419	36.967	ng	89
6) Aniline	6.710	93	487597m	33.126	ng	
8) 2-Chlorophenol	6.834	128	559501	43.849	ng	100
9) Benzaldehyde	6.604	77	237844	29.739	ng	99
10) Phenol	6.681	94	636246	41.810	ng	96
11) bis(2-Chloroethyl)ether	6.781	93	489982	41.122	ng	99
12) 1,3-Dichlorobenzene	6.993	146	584053	40.591	ng	98
13) 1,4-Dichlorobenzene	7.069	146	600163	41.569	ng	99
14) 1,2-Dichlorobenzene	7.222	146	570796	41.975	ng	99
15) Benzyl Alcohol	7.187	79	444986	43.328	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	660069	39.412	ng	98
17) 2-Methylphenol	7.293	107	452167	43.917	ng	98
18) Hexachloroethane	7.563	117	205488	42.101	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	363478	40.954	ng	97
20) 3+4-Methylphenols	7.445	107	572135	42.237	ng	# 87
22) Acetophenone	7.457	105	752204	42.818	ng	99
24) Nitrobenzene	7.634	77	554276	40.000	ng	97
25) Isophorone	7.869	82	1007892	41.578	ng	99
26) 2-Nitrophenol	7.945	139	307698	49.036	ng	94
27) 2,4-Dimethylphenol	7.975	122	415865	46.035	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	603725	41.134	ng	99
29) 2,4-Dichlorophenol	8.187	162	478401	43.813	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	504479	42.381	ng	98
31) Naphthalene	8.357	128	1629835	41.987	ng	99
32) Benzoic acid	8.092	122	347686	44.613	ng	99
33) 4-Chloroaniline	8.398	127	211644	14.703	ng	99
34) Hexachlorobutadiene	8.469	225	304858	41.715	ng	99
35) Caprolactam	8.775	113	155607m	44.978	ng	
36) 4-Chloro-3-methylphenol	8.875	107	490443	43.071	ng	95
37) 2-Methylnaphthalene	9.051	142	1061646	42.251	ng	100
38) 1-Methylnaphthalene	9.151	142	983140	39.770	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	509168	43.871	ng	99
41) Hexachlorocyclopentadiene	9.198	237	570810	121.086	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	346617	43.874	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	368267	42.216	ng	97
46) 1,1'-Biphenyl	9.516	154	1290034	42.897	ng	99
47) 2-Chloronaphthalene	9.545	162	1014962	41.804	ng	99
48) 2-Nitroaniline	9.634	65	291386	44.252	ng	99
49) Acenaphthylene	9.963	152	1593188	45.362	ng	99
50) Dimethylphthalate	9.810	163	1209187	43.711	ng	100
51) 2,6-Dinitrotoluene	9.875	165	272542	43.111	ng	95
52) Acenaphthene	10.134	154	1074834	46.169	ng	99
53) 3-Nitroaniline	10.045	138	187396	28.306	ng	94
54) 2,4-Dinitrophenol	10.151	184	297668	95.827	ng	# 89
55) Dibenzofuran	10.304	168	1431036	42.241	ng	99
56) 4-Nitrophenol	10.204	139	442124	80.577	ng	98
57) 2,4-Dinitrotoluene	10.281	165	372474	45.098	ng	99
58) Fluorene	10.651	166	1126992	41.799	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	315537	44.553	ng	99
60) Diethylphthalate	10.516	149	1123055	42.746	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	556268	41.872	ng	98
62) 4-Nitroaniline	10.669	138	268934	40.049	ng	96
63) Azobenzene	10.798	77	1035181	40.767	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	202371	46.773	ng	88
66) n-Nitrosodiphenylamine	10.757	169	987191	43.749	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	350263	43.416	ng	97
68) Hexachlorobenzene	11.198	284	377112	42.775	ng	97
69) Atrazine	11.281	200	333474	48.468	ng	98
70) Pentachlorophenol	11.392	266	487361	80.519	ng	100
71) Phenanthrene	11.622	178	1579842	42.998	ng	100
72) Anthracene	11.675	178	1619893	44.310	ng	99
73) Carbazole	11.822	167	1473524	41.822	ng	99
74) Di-n-butylphthalate	12.139	149	1708361	44.449	ng	100
75) Fluoranthene	12.816	202	1652039	41.132	ng	98
77) Benzidine	12.927	184	369953	34.071	ng	99
78) Pyrene	13.045	202	1703957	45.774	ng	100
80) Butylbenzylphthalate	13.651	149	616042	52.158	ng	96
81) Benzo(a)anthracene	14.233	228	1328622	44.245	ng	100
82) 3,3'-Dichlorobenzidine	14.192	252	292512	32.539	ng	98
83) Chrysene	14.274	228	1246067	44.318	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	800476	53.777	ng	100
85) Di-n-octyl phthalate	14.833	149	1057228	52.775	ng	98
87) Indeno(1,2,3-cd)pyrene	17.451	276	1064575	49.681	ng	99
88) Benzo(b)fluoranthene	15.339	252	1042204	44.444	ng	99
89) Benzo(k)fluoranthene	15.374	252	1019224	44.969	ng	99
90) Benzo(a)pyrene	15.745	252	899817	47.034	ng	99
91) Dibenzo(a,h)anthracene	17.468	278	869528	49.853	ng	99
92) Benzo(g,h,i)perylene	17.951	276	813011	44.465	ng	99

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

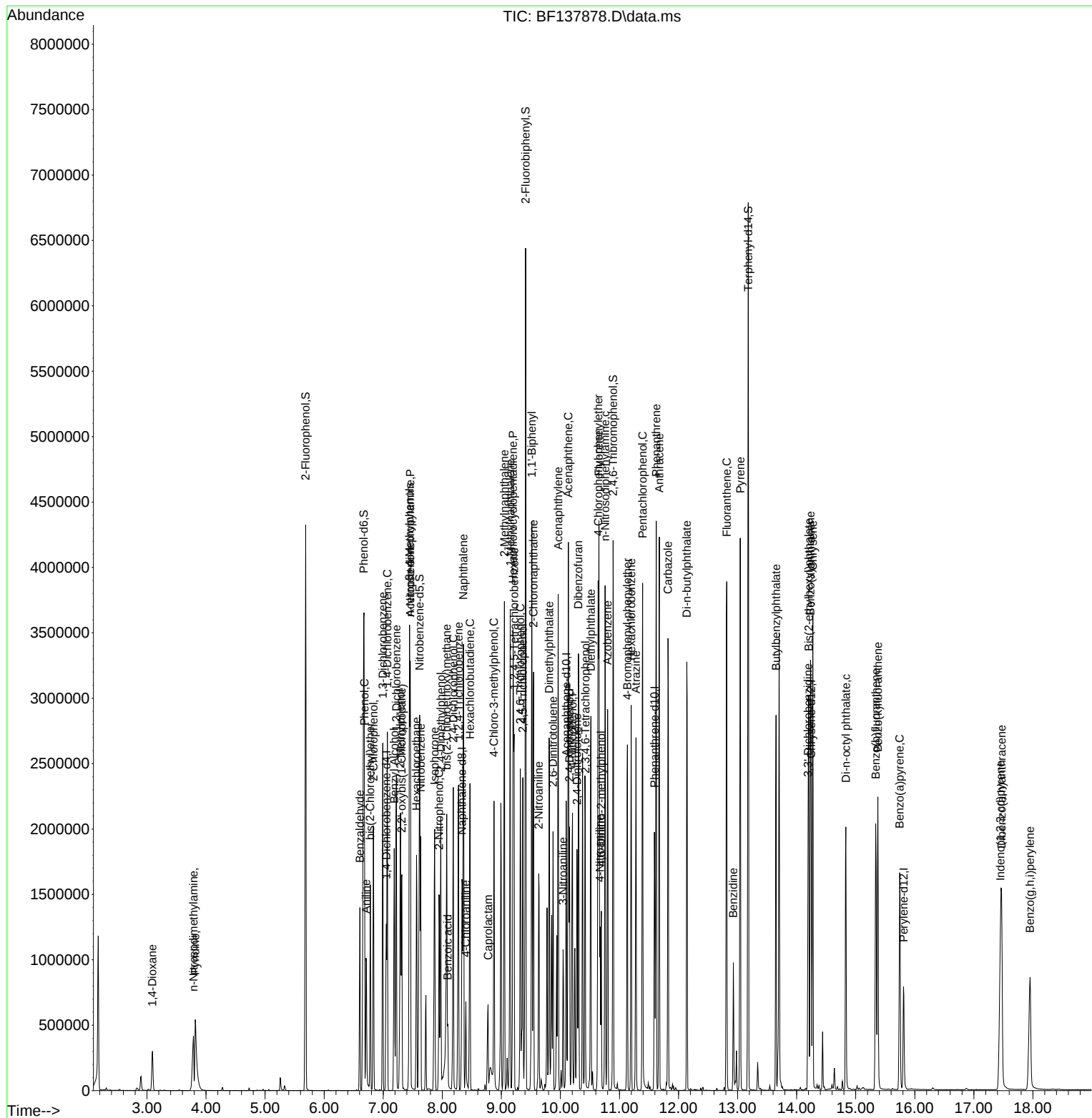
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
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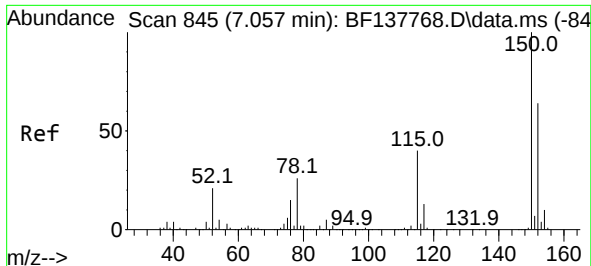
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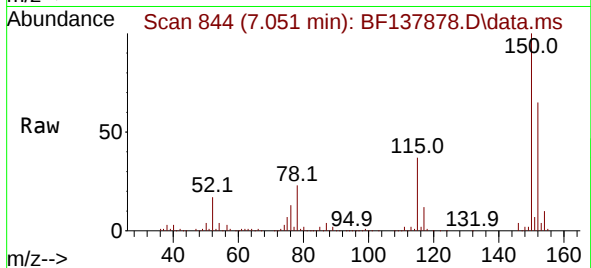
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



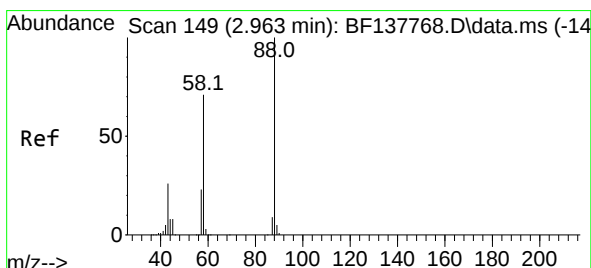
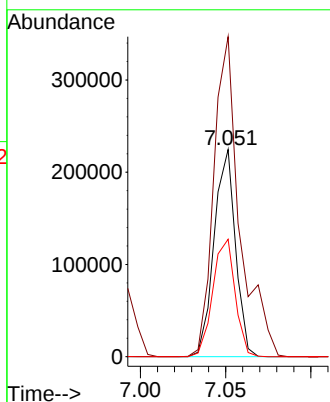
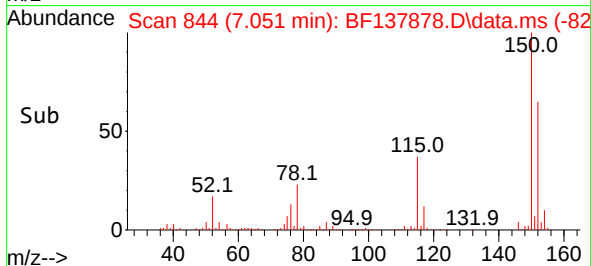
Tgt Ion:152 Resp: 19603
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 56.6 49.1 73.7

Manual Integrations

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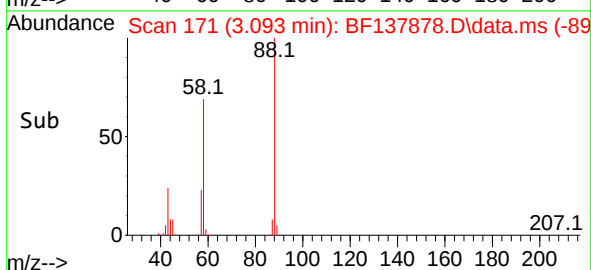
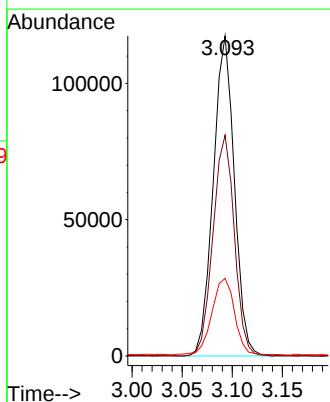
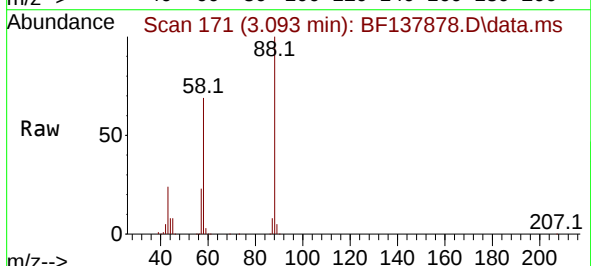
Reviewed By :Yogesh Patel 05/13/2024

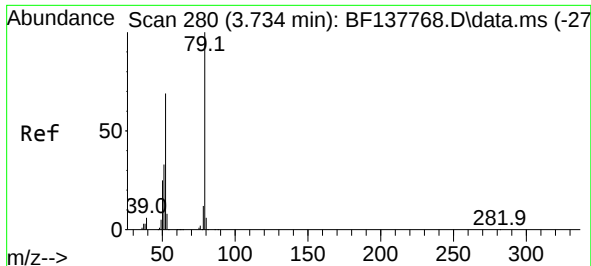
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 32.539 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.130 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion: 88 Resp: 171561
Ion Ratio Lower Upper
88 100
58 69.8 58.8 88.2
43 26.3 21.4 32.0





#3
Pyridine
Concen: 34.075 ng
RT: 3.816 min Scan# 294
Delta R.T. 0.082 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

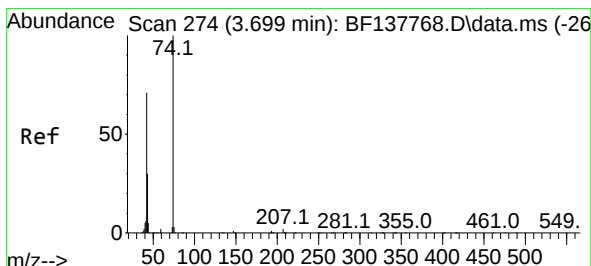
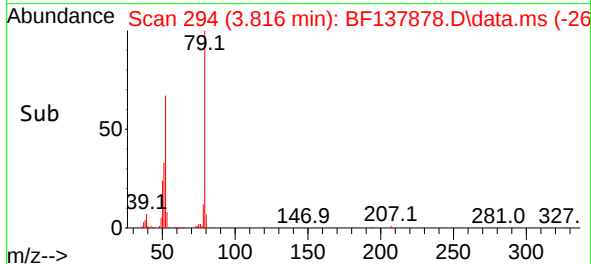
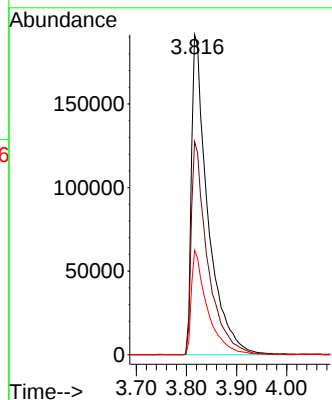
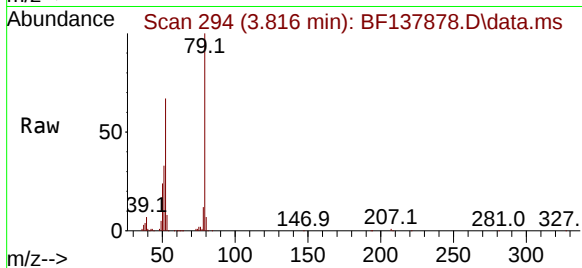
PB160643BS

Tgt Ion: 79 Resp: 434819
Ion Ratio Lower Upper
79 100
52 66.6 55.5 83.3
51 32.7 26.9 40.3

Manual Integrations

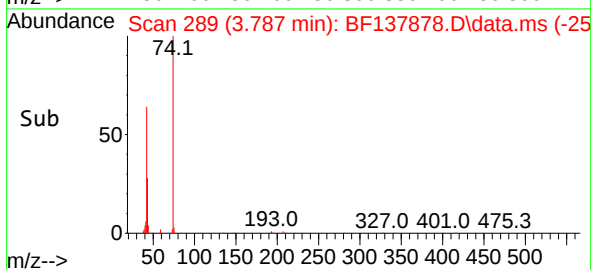
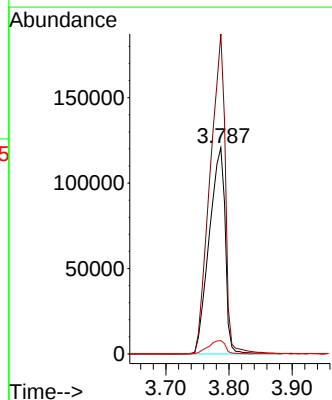
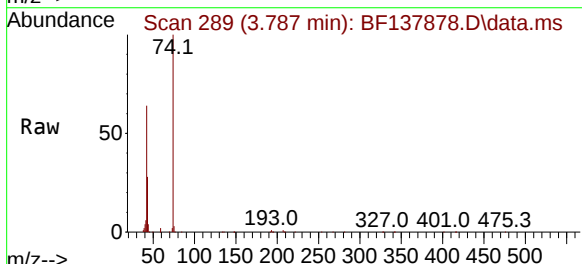
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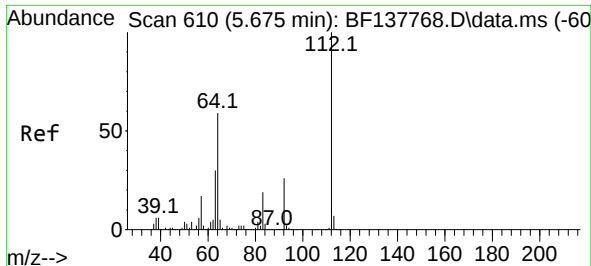
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#4
n-Nitrosodimethylamine
Concen: 36.967 ng
RT: 3.787 min Scan# 289
Delta R.T. 0.088 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

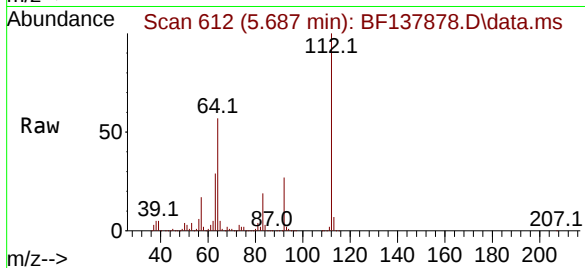
Tgt Ion: 42 Resp: 212419
Ion Ratio Lower Upper
42 100
74 155.2 112.9 169.3
44 6.5 5.6 8.4





#5
2-Fluorophenol
Concen: 118.156 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

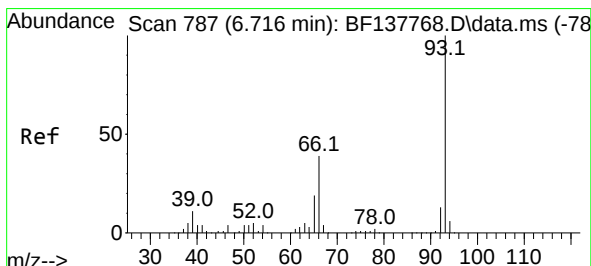
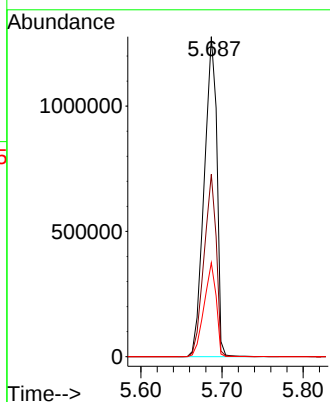
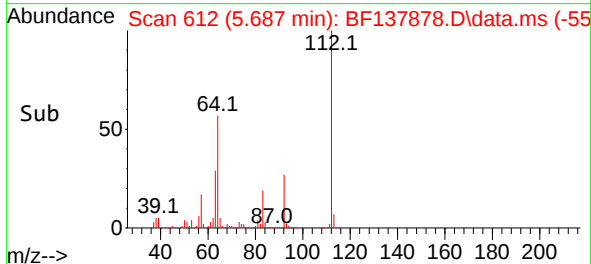
Instrument :
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Tgt Ion:112 Resp: 1383410
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 29.4 23.7 35.5

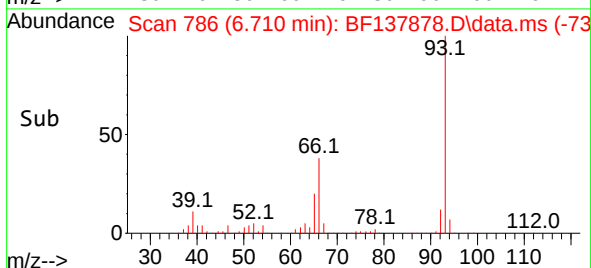
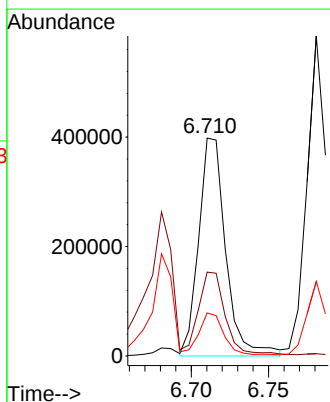
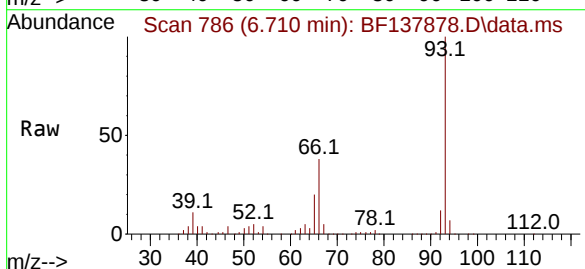
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#6
Aniline
Concen: 33.126 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

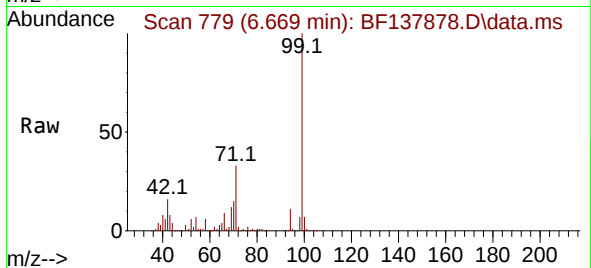
Tgt Ion: 93 Resp: 487597
Ion Ratio Lower Upper
93 100
66 38.5 31.8 47.6
65 19.8 15.4 23.2





#7
Phenol-d6
Concen: 119.377 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

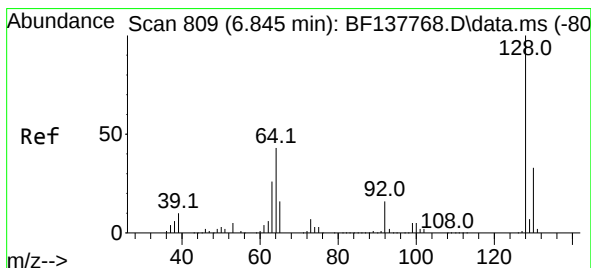
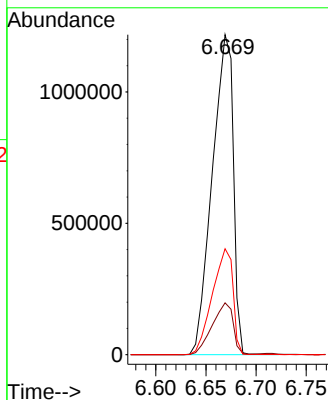
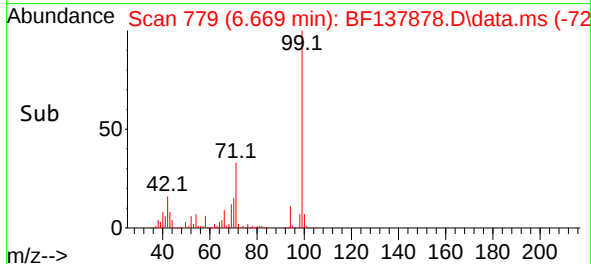
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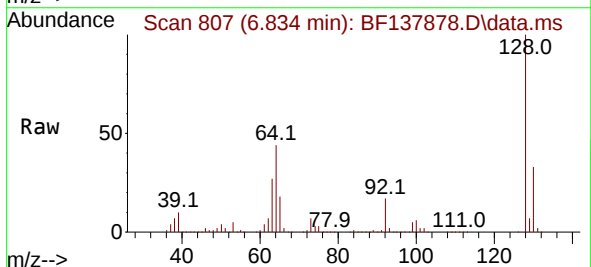
Tgt Ion: 99 Resp: 1772870
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 33.1 25.0 37.4

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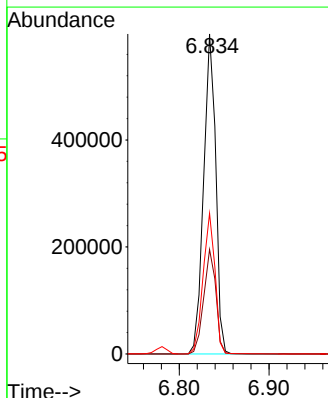
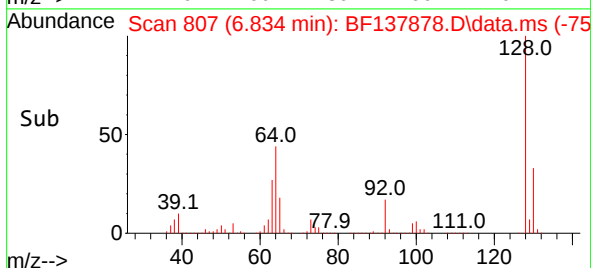
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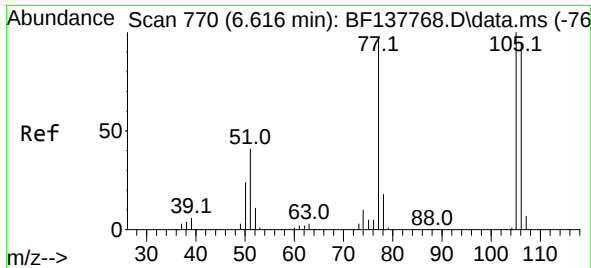


#8
2-Chlorophenol
Concen: 43.849 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



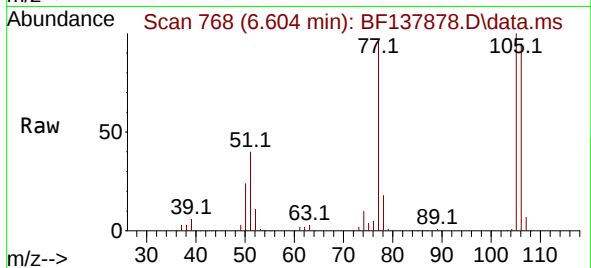
Tgt Ion:128 Resp: 559501
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 43.9 23.9 63.9





#9
Benzaldehyde
Concen: 29.739 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

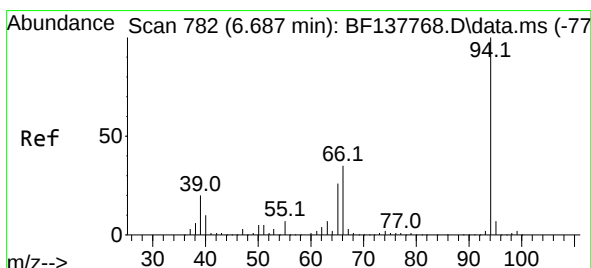
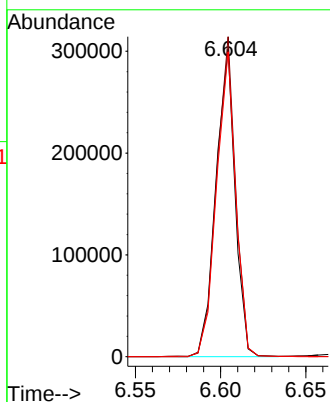
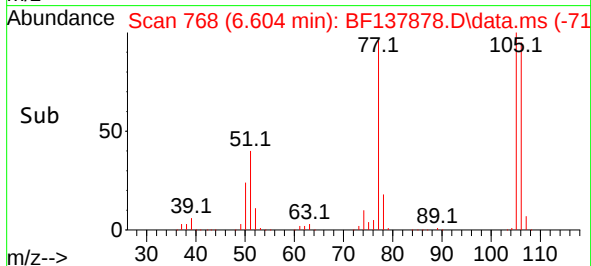
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Tgt Ion: 77 Resp: 237844
Ion Ratio Lower Upper
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105 103.8 83.2 123.2
106 98.9 77.7 117.7

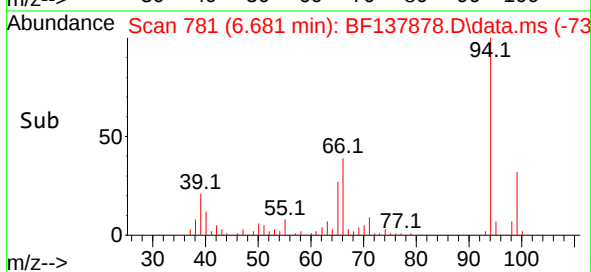
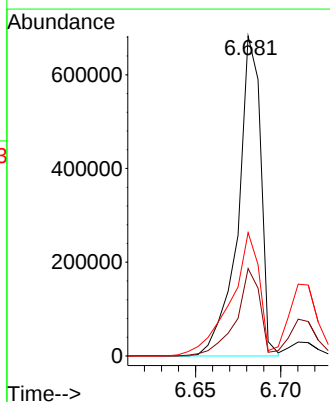
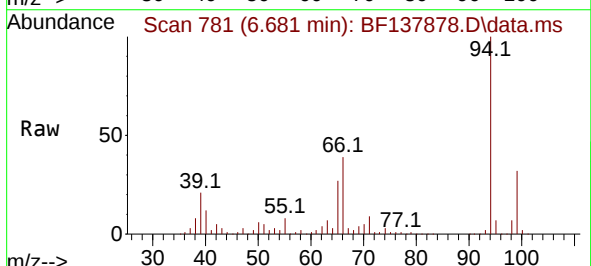
Manual Integrations
APPROVED

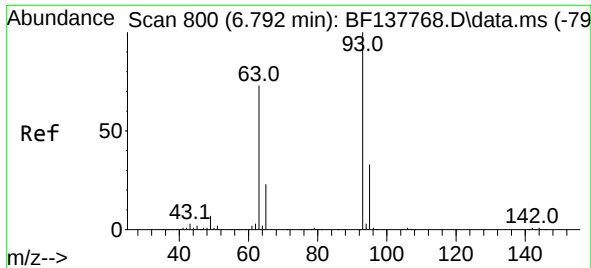
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 41.810 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion: 94 Resp: 636246
Ion Ratio Lower Upper
94 100
65 27.3 6.4 46.4
66 38.6 15.4 55.4





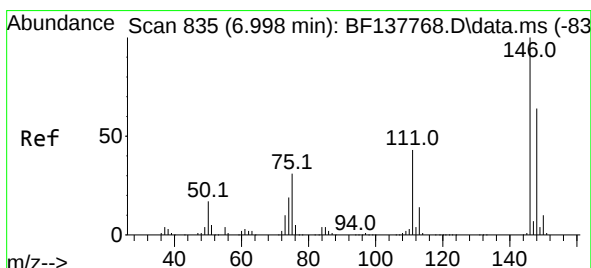
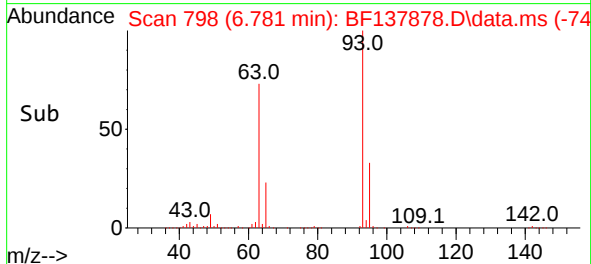
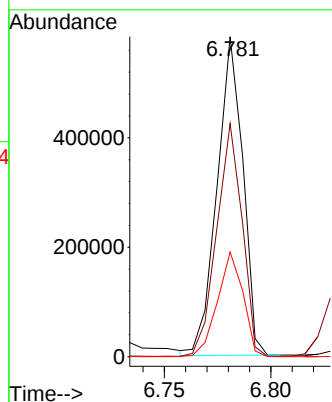
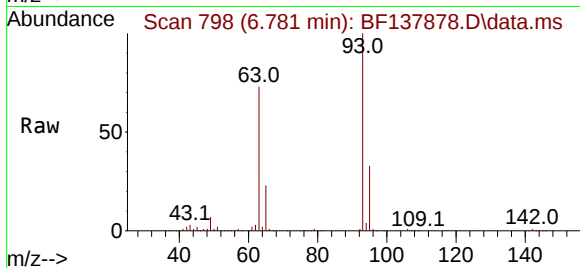
#11
bis(2-Chloroethyl)ether
Concen: 41.122 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion: 93 Resp: 48998
Ion Ratio Lower Upper
93 100
63 72.8 51.6 91.6
95 32.7 12.1 52.1

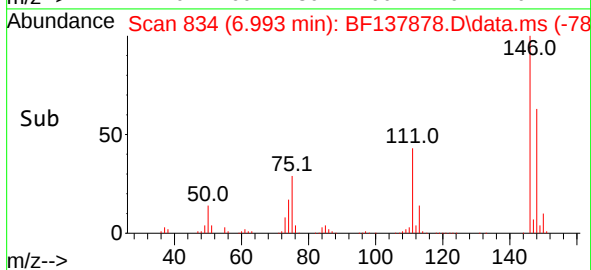
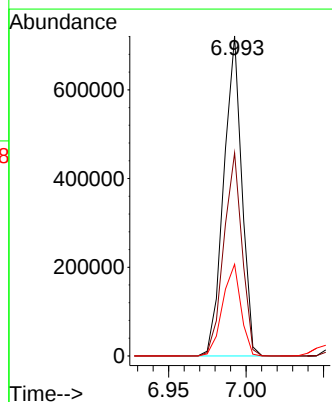
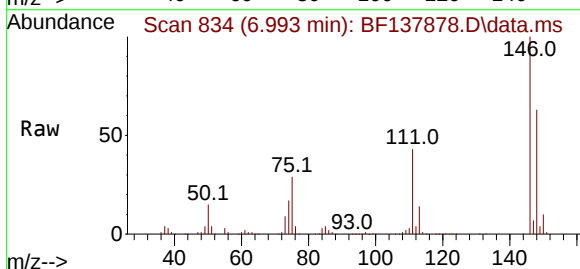
Manual Integrations
APPROVED

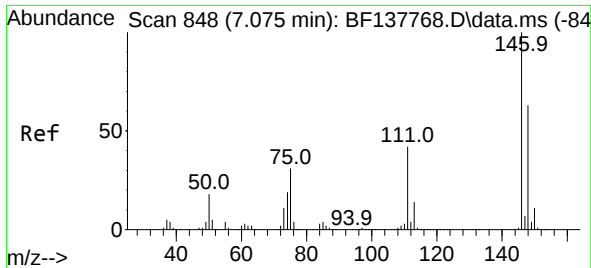
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#12
1,3-Dichlorobenzene
Concen: 40.591 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:146 Resp: 584053
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 28.7 25.1 37.7





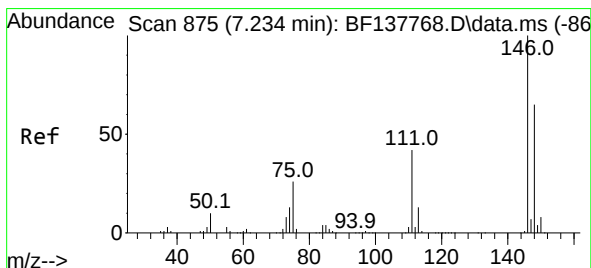
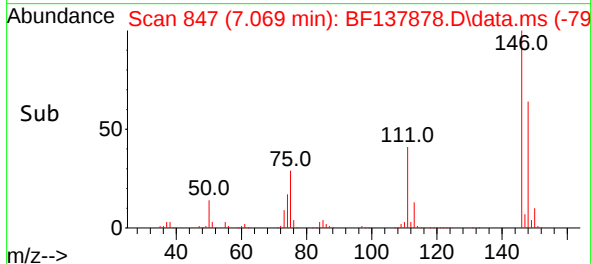
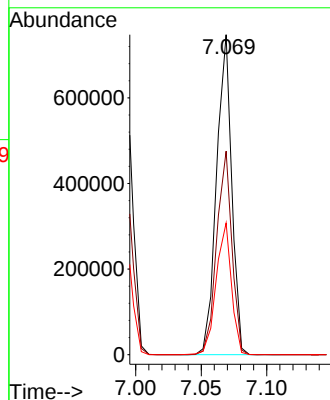
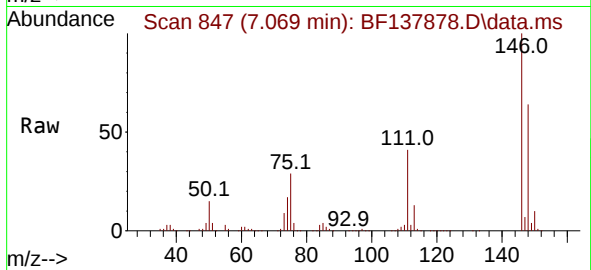
#13
1,4-Dichlorobenzene
Concen: 41.569 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion:146 Resp: 60016
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
111 41.2 33.8 50.8

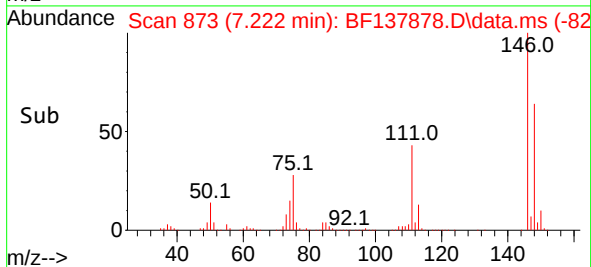
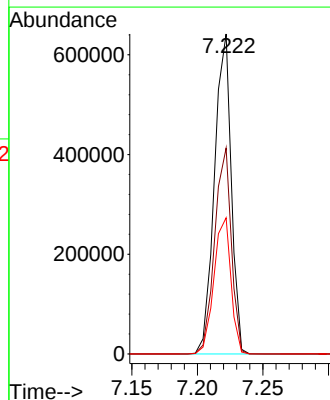
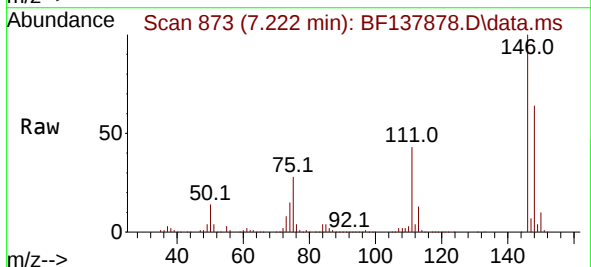
Manual Integrations
APPROVED

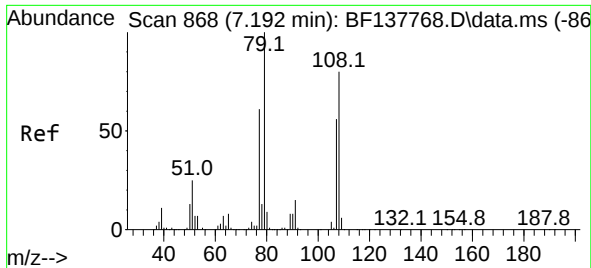
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 41.975 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:146 Resp: 570796
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 42.6 33.6 50.4





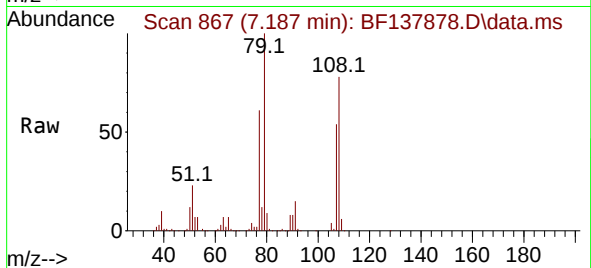
#15
Benzyl Alcohol
Concen: 43.328 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

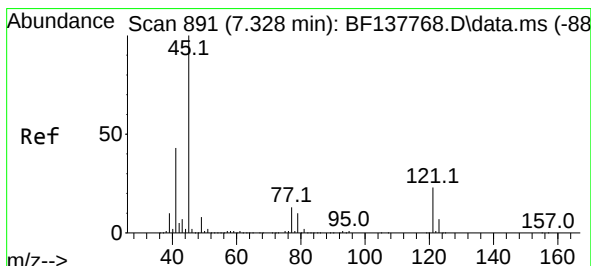
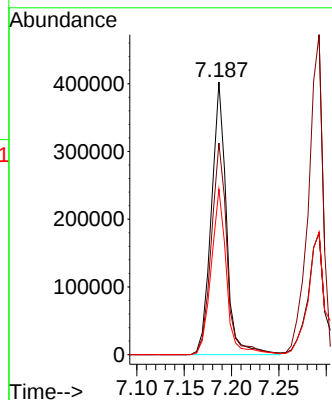
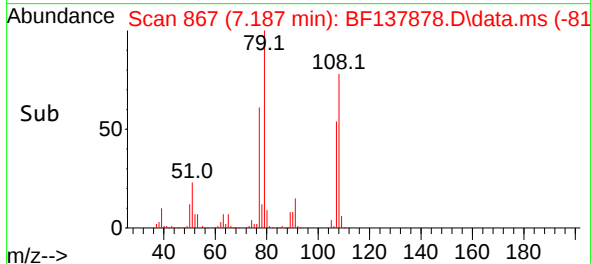


Tgt Ion: 79 Resp: 444986
Ion Ratio Lower Upper
79 100
108 77.7 64.2 96.2
77 60.7 48.5 72.7

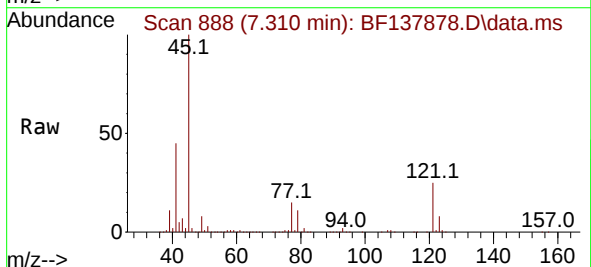
Manual Integrations

APPROVED

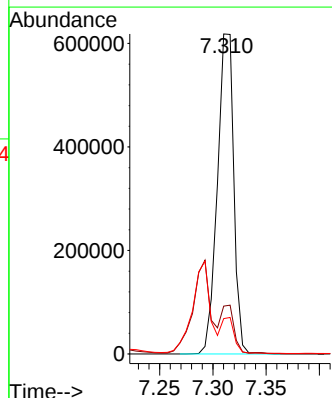
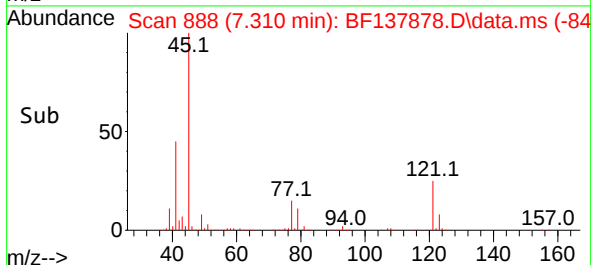
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

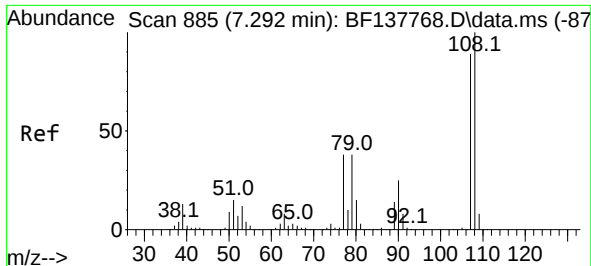


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.412 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion: 45 Resp: 660069
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.8
79 11.0 0.0 31.0





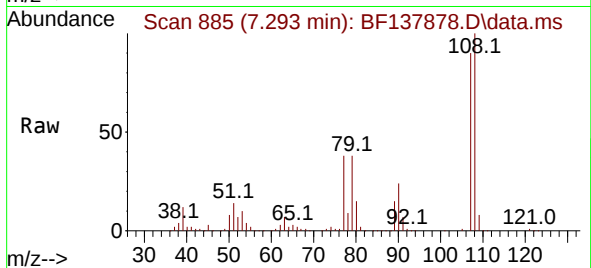
#17
2-Methylphenol
Concen: 43.917 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



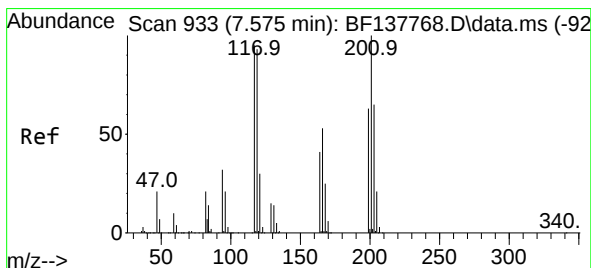
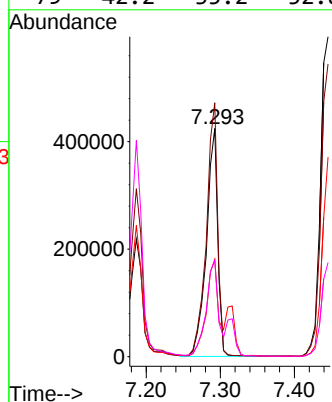
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.5	135.7
77	42.7	34.5	51.7
79	42.2	35.2	52.8

Manual Integrations

APPROVED

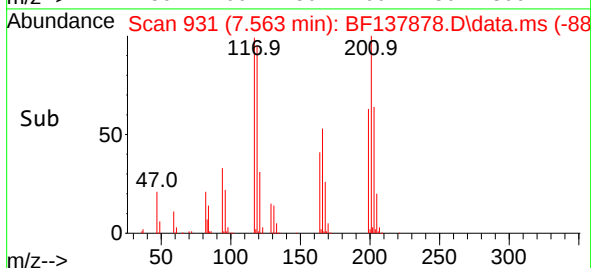
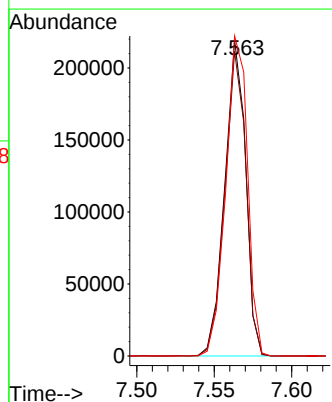
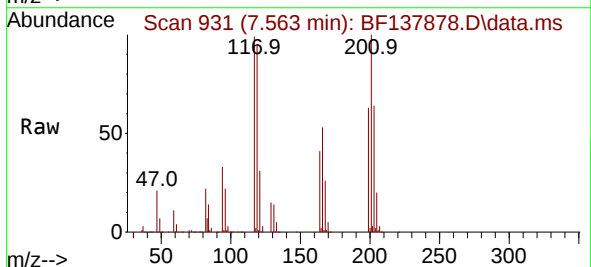
Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#18
Hexachloroethane
Concen: 42.101 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.6	116.4
201	101.3	83.8	125.8





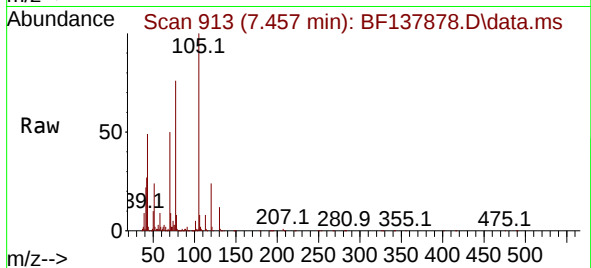
#19
n-Nitroso-di-n-propylamine
Concen: 40.954 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



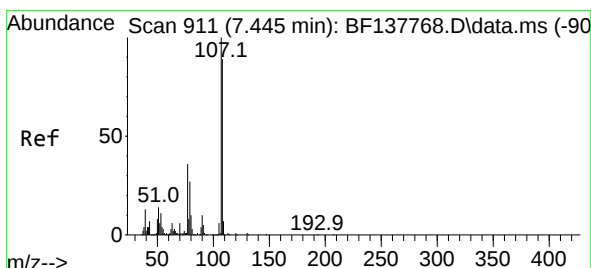
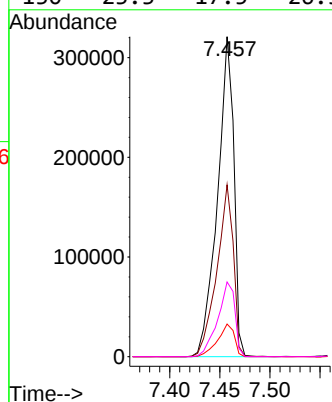
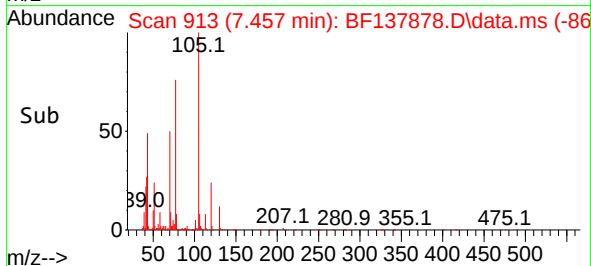
Tgt Ion: 70 Resp: 363478
Ion Ratio Lower Upper
70 100
42 53.7 44.6 66.8
101 10.2 7.8 11.6
130 23.3 17.5 26.3

Manual Integrations

APPROVED

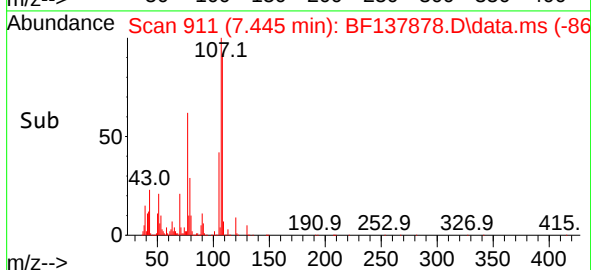
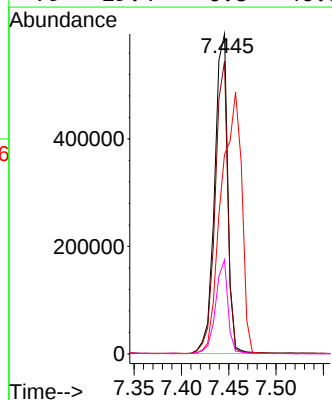
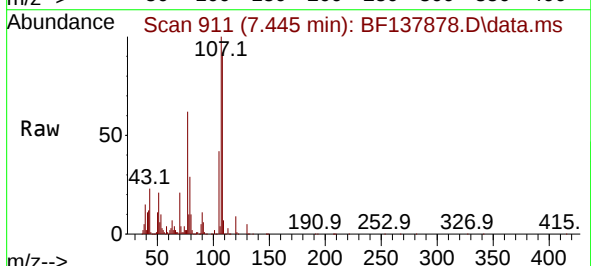
Reviewed By :Yogesh Patel 05/13/2024

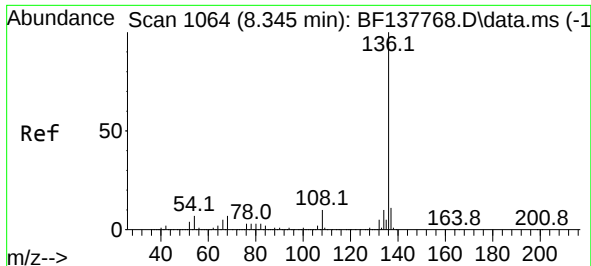
Supervised By :mohammad ahmed 05/13/2024



#20
3+4-Methylphenols
Concen: 42.237 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:107 Resp: 572135
Ion Ratio Lower Upper
107 100
108 91.5 69.3 109.3
77 62.4 15.7 55.7#
79 29.4 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: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

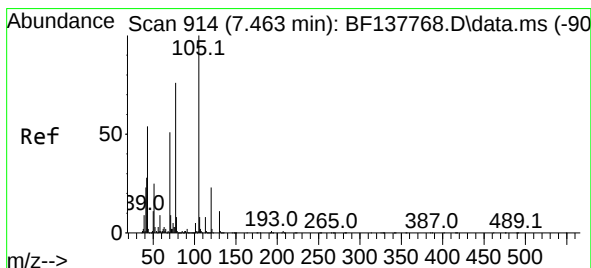
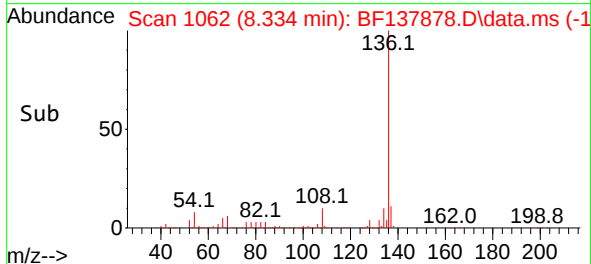
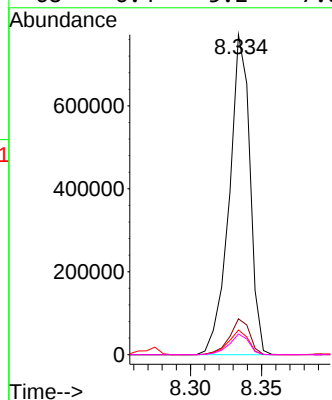
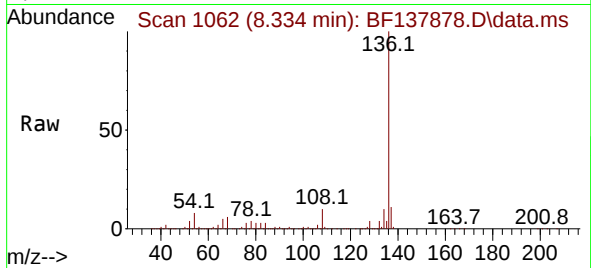
ClientSampleId :

PB160643BS

Tgt Ion:136 Resp: 781110
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 5.8 8.8
68 6.4 5.2 7.8

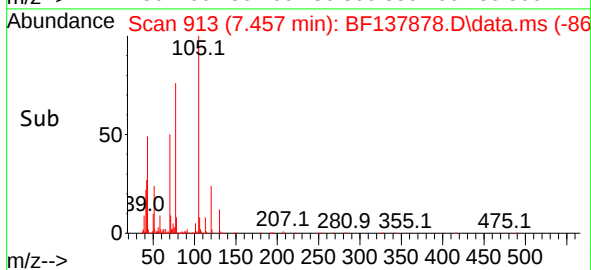
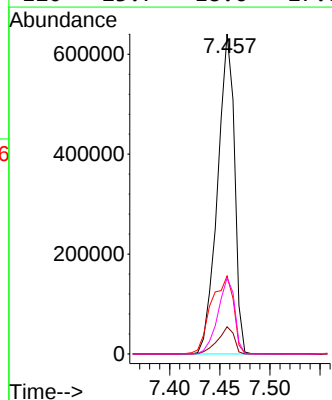
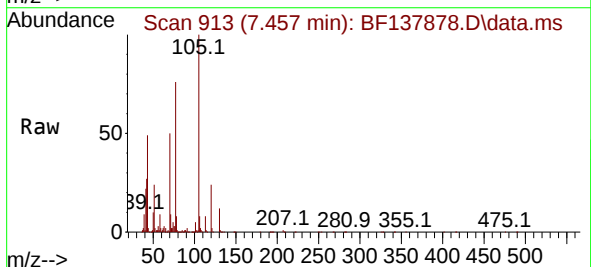
Manual Integrations
APPROVED

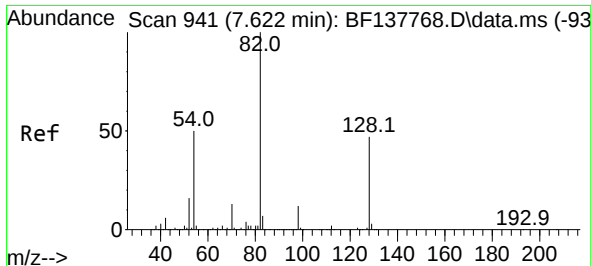
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 42.818 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:105 Resp: 752204
Ion Ratio Lower Upper
105 100
71 8.5 6.9 10.3
51 24.3 20.2 30.2
120 23.7 18.6 27.8





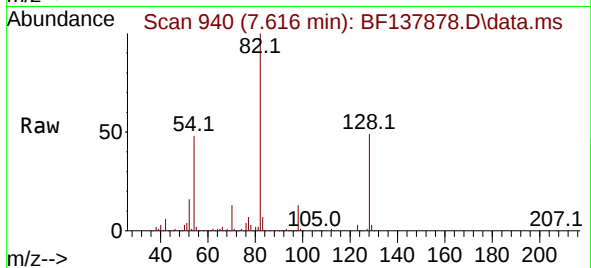
#23
Nitrobenzene-d5
Concen: 81.402 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

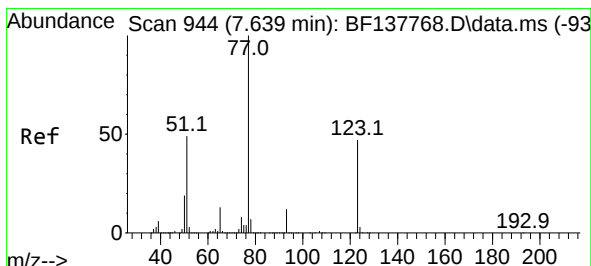
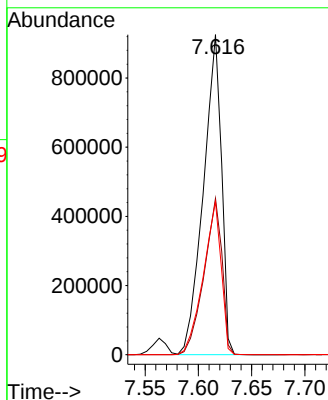
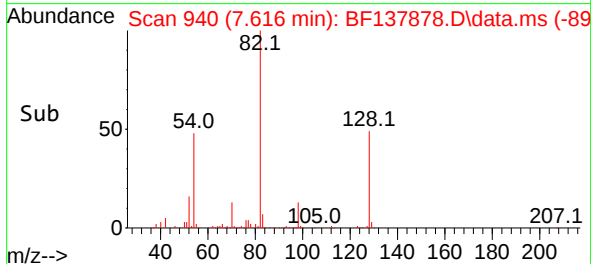
PB160643BS



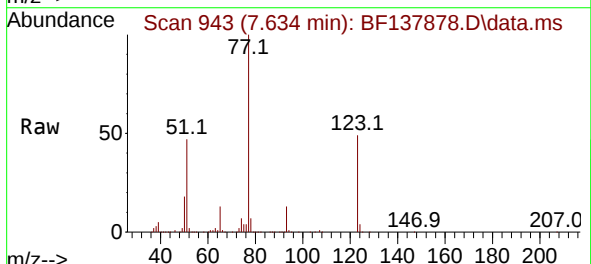
Tgt Ion: 82 Resp: 109442
Ion Ratio Lower Upper
82 100
128 48.8 37.5 56.3
54 47.9 39.8 59.6

Manual Integrations
APPROVED

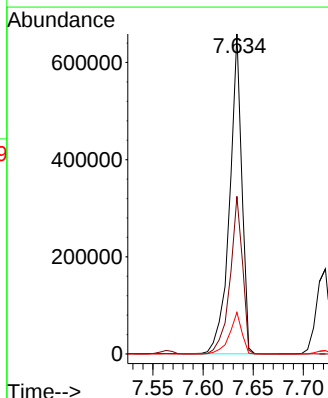
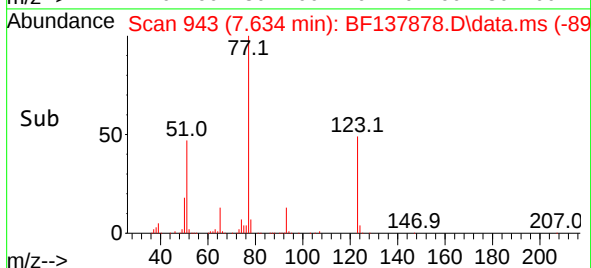
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

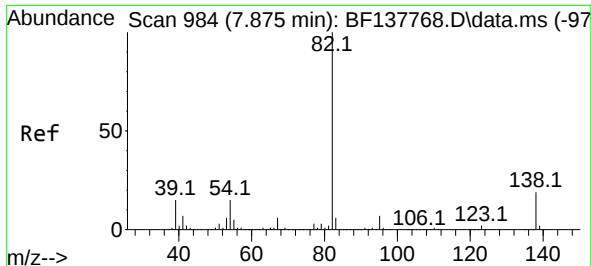


#24
Nitrobenzene
Concen: 40.000 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion: 77 Resp: 554276
Ion Ratio Lower Upper
77 100
123 49.2 37.4 56.2
65 13.0 10.7 16.1





#25
Isophorone
Concen: 41.578 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

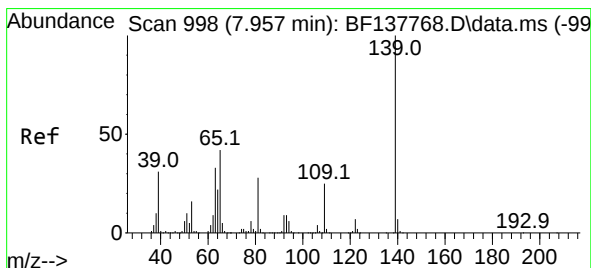
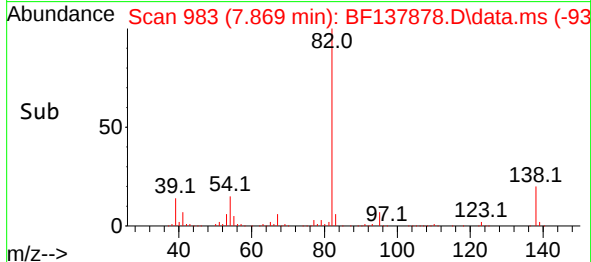
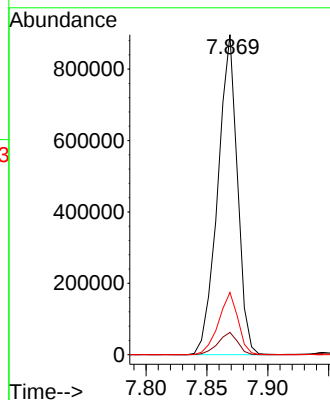
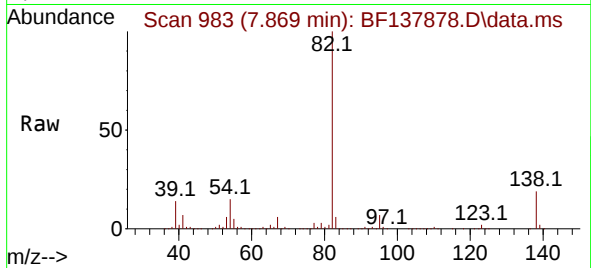
ClientSampleId :

PB160643BS

Tgt Ion: 82 Resp: 100789
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.5 15.0 22.6

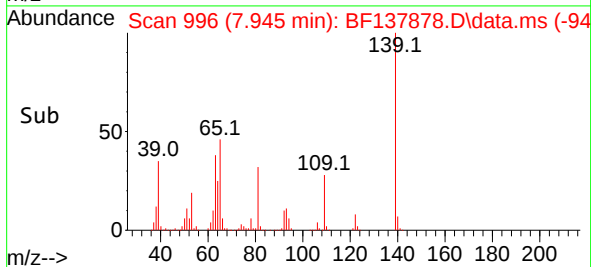
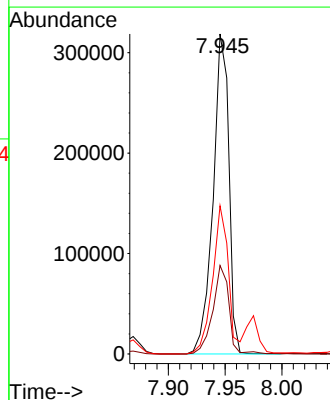
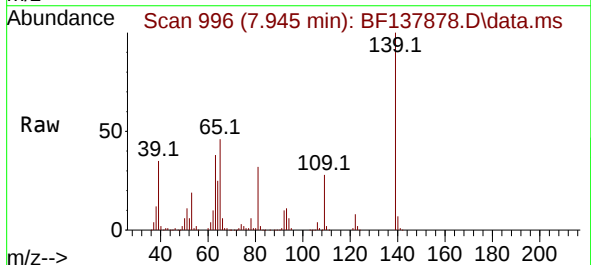
Manual Integrations
APPROVED

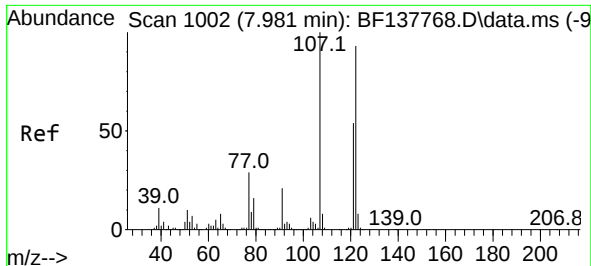
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 49.036 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:139 Resp: 307698
Ion Ratio Lower Upper
139 100
109 27.7 20.2 30.2
65 46.3 33.4 50.0





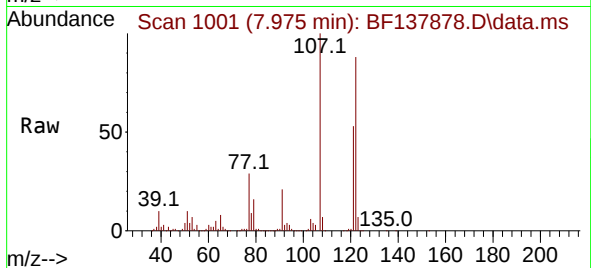
#27
2,4-Dimethylphenol
Concen: 46.035 ng
RT: 7.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



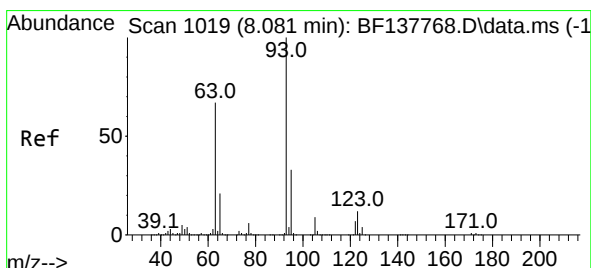
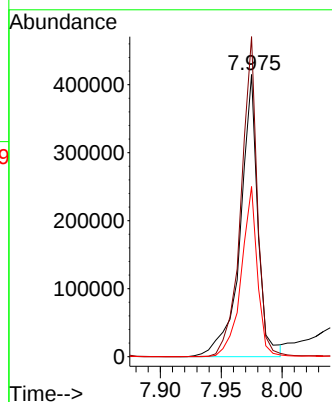
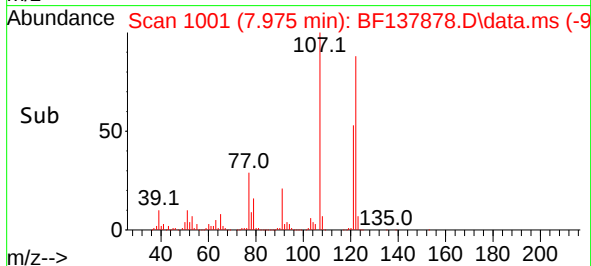
Tgt Ion:122 Resp: 41586
Ion Ratio Lower Upper
122 100
107 113.4 85.8 128.8
121 60.3 46.6 69.8

Manual Integrations

APPROVED

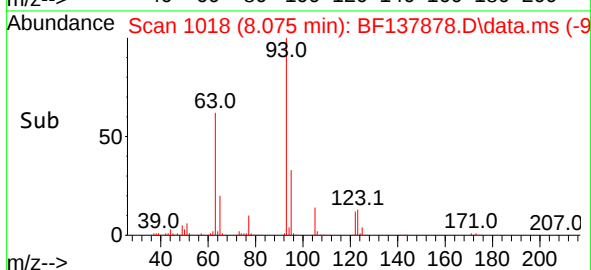
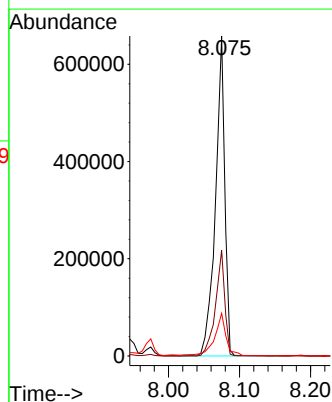
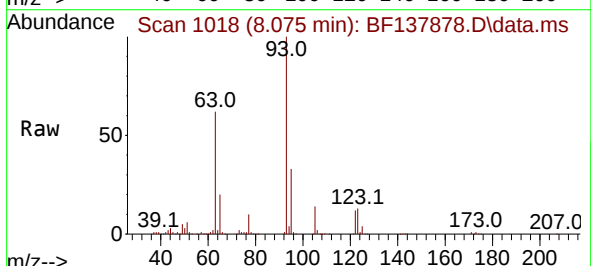
Reviewed By :Yogesh Patel 05/13/2024

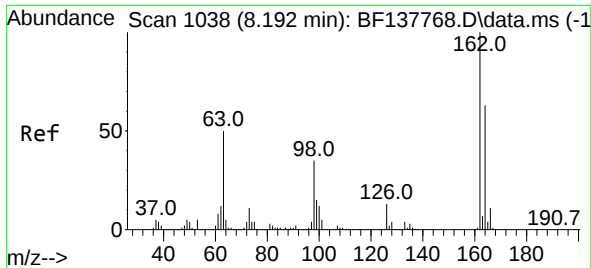
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.134 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion: 93 Resp: 603725
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 13.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.813 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137878.D

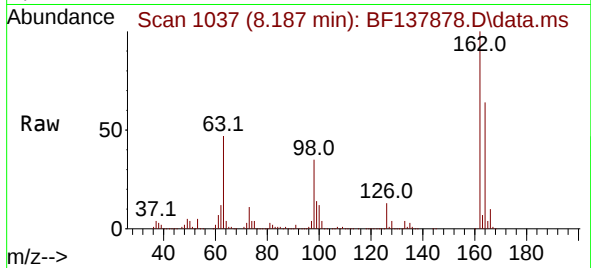
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:162 Resp: 47840

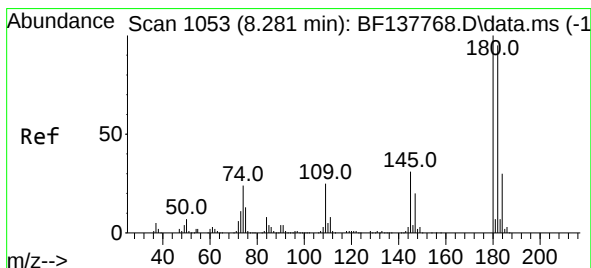
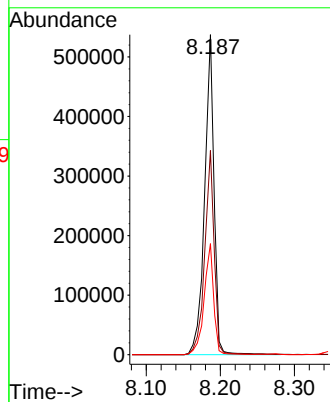
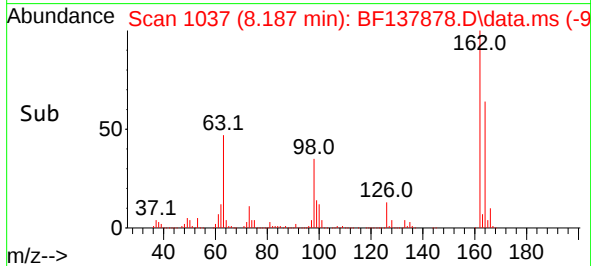
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	34.7	15.1	55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

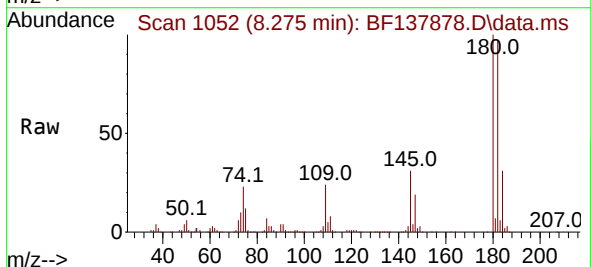
Concen: 42.381 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

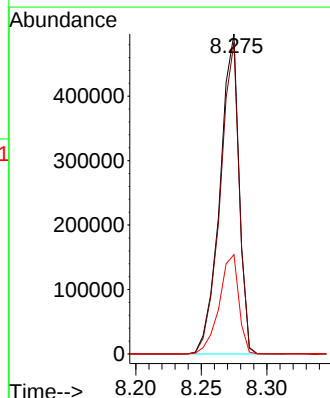
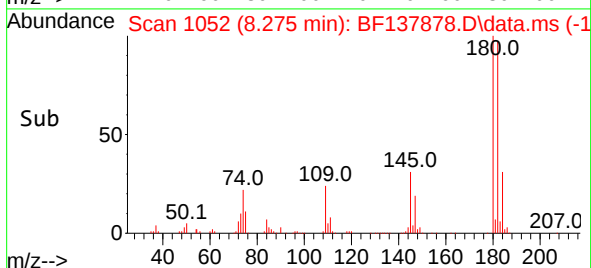
Lab File: BF137878.D

Acq: 10 May 2024 13:33



Tgt Ion:180 Resp: 504479

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.2	114.2
145	31.1	25.1	37.7





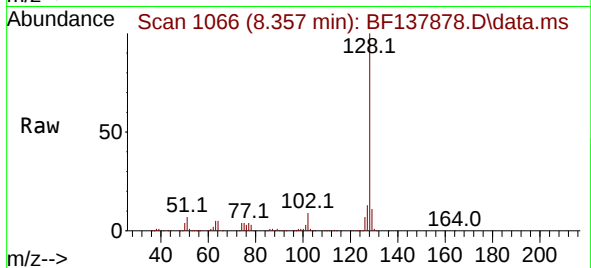
#31
Naphthalene
Concen: 41.987 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



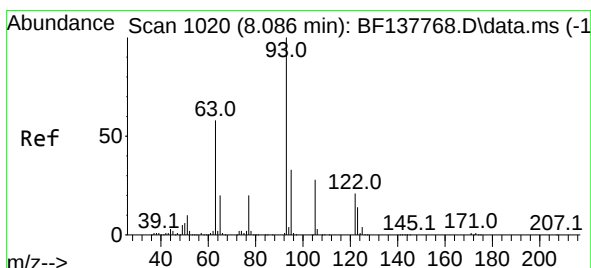
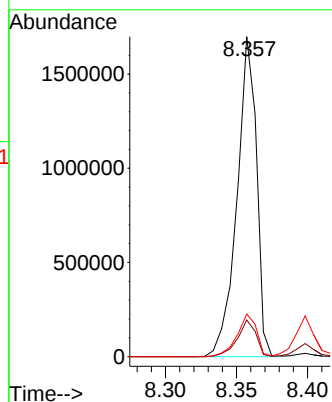
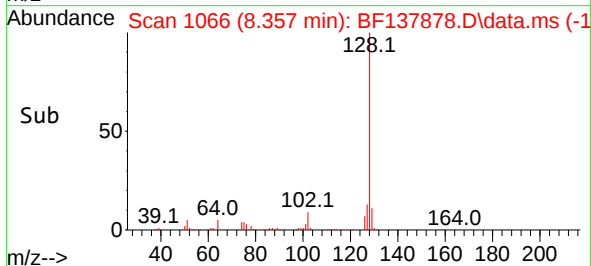
Tgt Ion:128 Resp: 1629835
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations

APPROVED

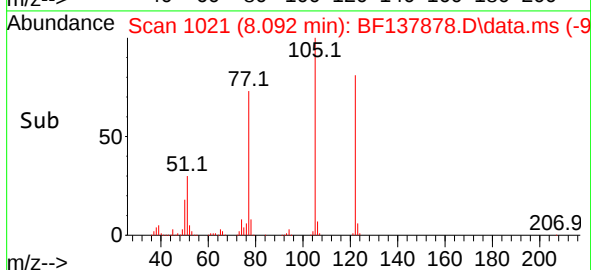
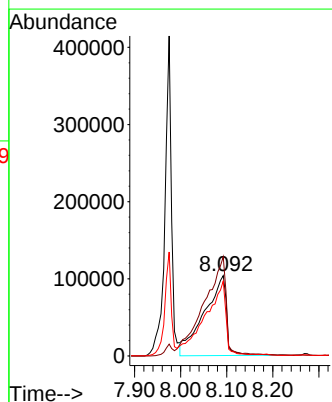
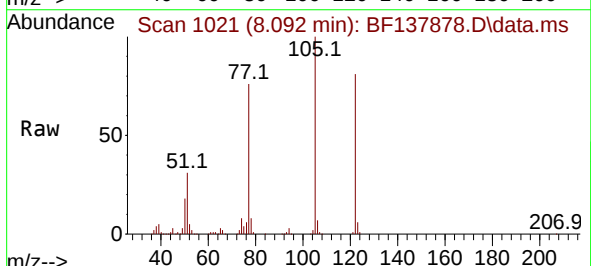
Reviewed By :Yogesh Patel 05/13/2024

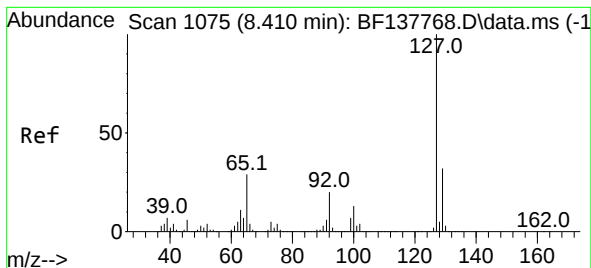
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 44.613 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:122 Resp: 347686
Ion Ratio Lower Upper
122 100
105 123.4 105.3 145.3
77 93.3 73.2 113.2





#33
4-Chloroaniline
Concen: 14.703 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

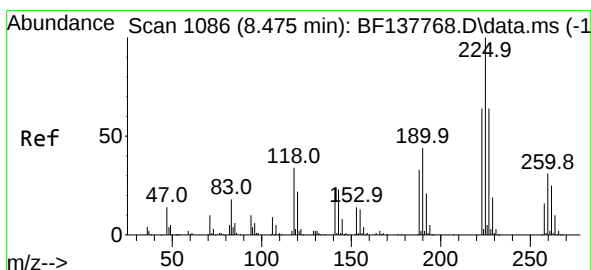
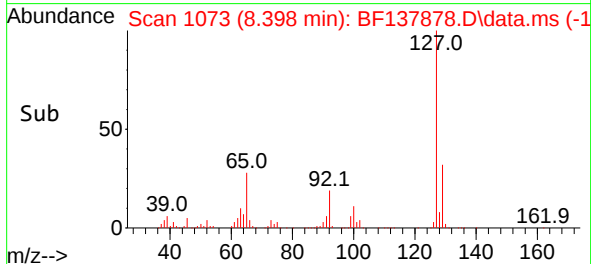
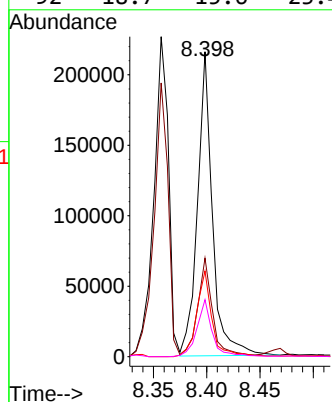
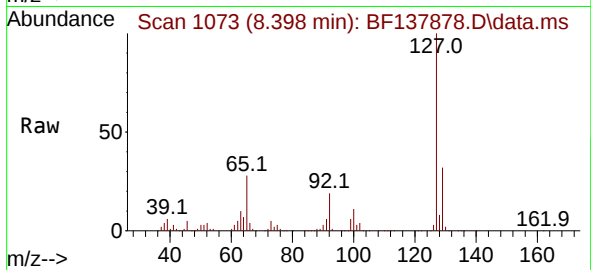
PB160643BS

Tgt Ion:127 Resp: 211644
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 28.0 23.4 35.2
92 18.7 15.6 23.4

Manual Integrations

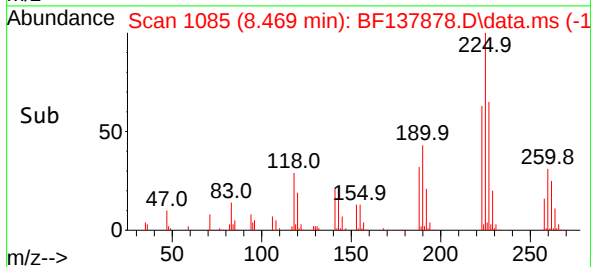
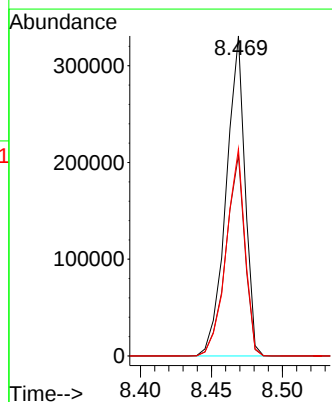
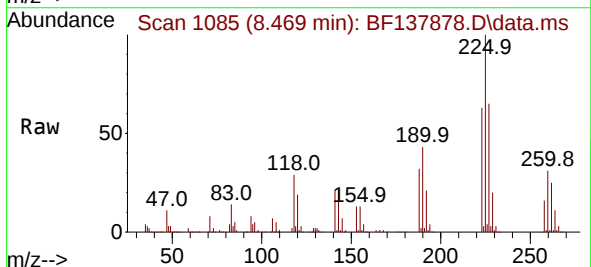
APPROVED

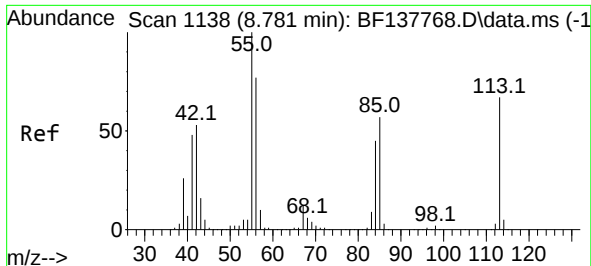
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 41.715 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:225 Resp: 304858
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 64.7 51.4 77.0





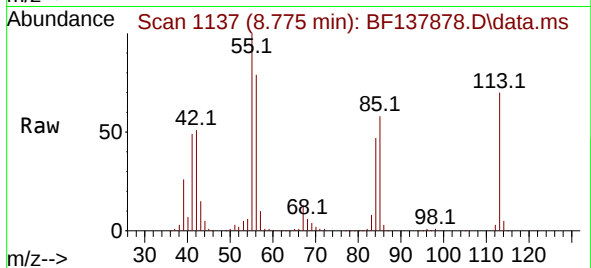
#35
Caprolactam
Concen: 44.978 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



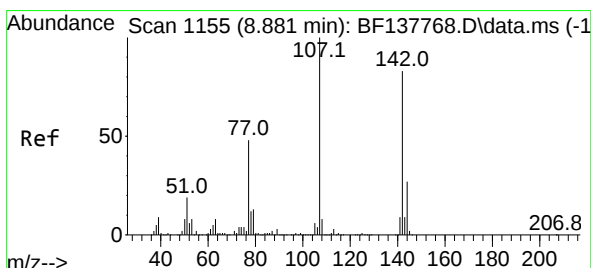
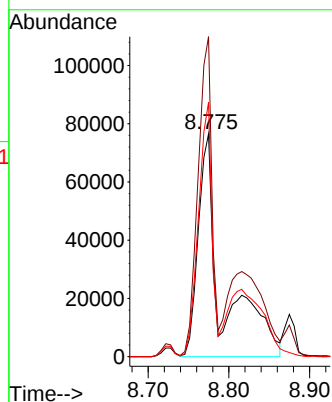
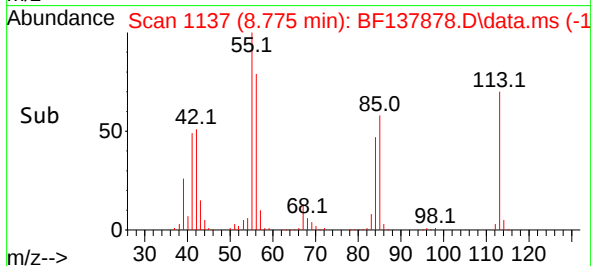
Tgt Ion:113 Resp: 155607
Ion Ratio Lower Upper
113 100
55 143.6 128.7 168.7
56 114.2 93.9 133.9

Manual Integrations

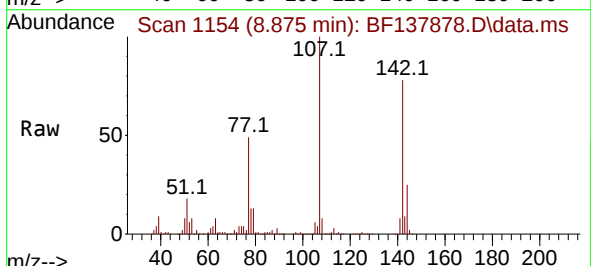
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

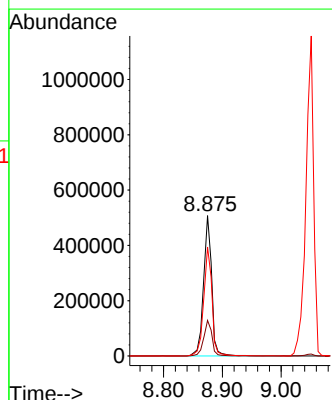
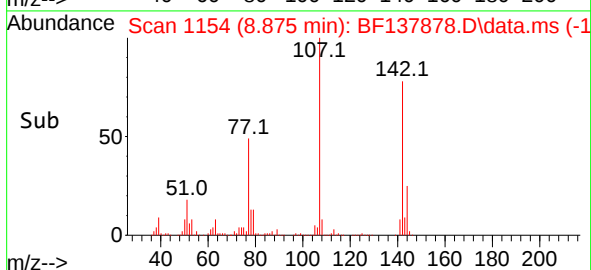
Supervised By :mohammad ahmed 05/13/2024

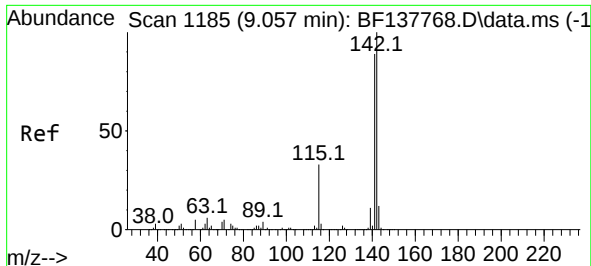


#36
4-Chloro-3-methylphenol
Concen: 43.071 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion:107 Resp: 490443
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 77.6 66.2 99.2





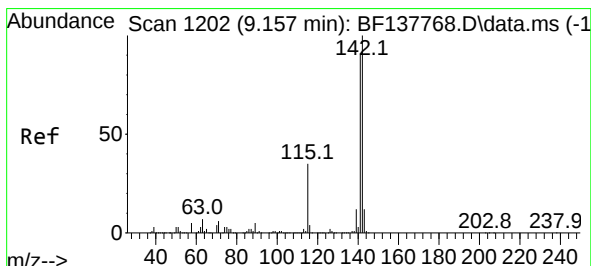
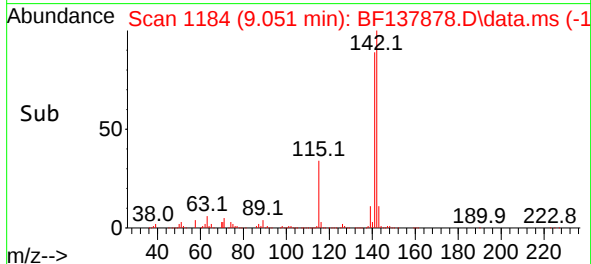
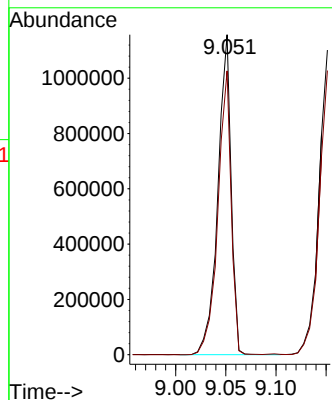
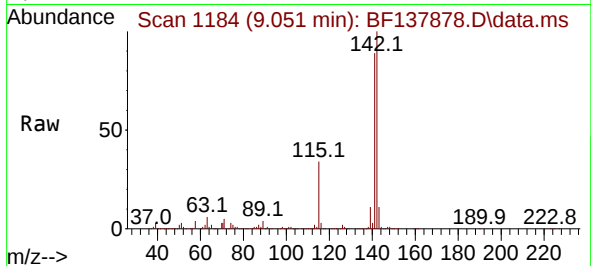
#37
2-Methylnaphthalene
Concen: 42.251 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion:142 Resp: 1061640
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

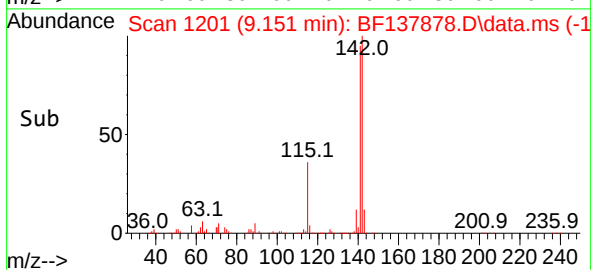
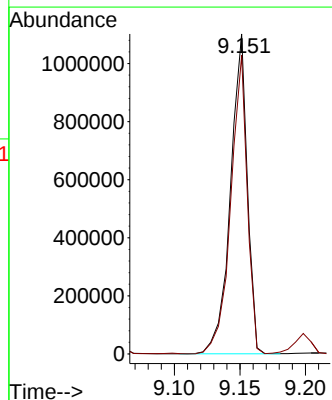
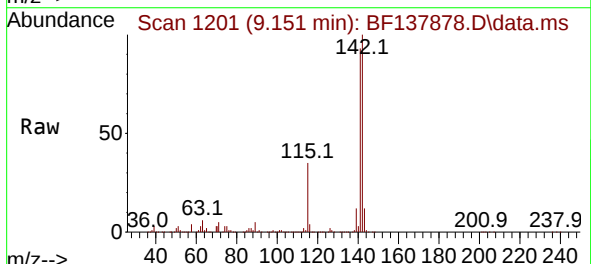
Manual Integrations
APPROVED

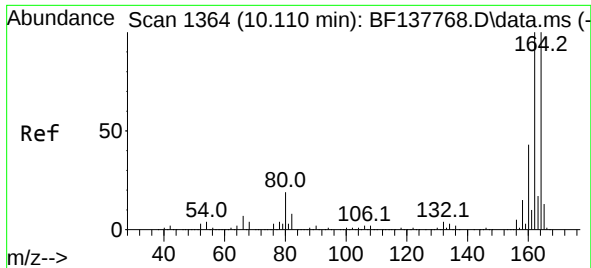
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#38
1-Methylnaphthalene
Concen: 39.770 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:142 Resp: 983140
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7





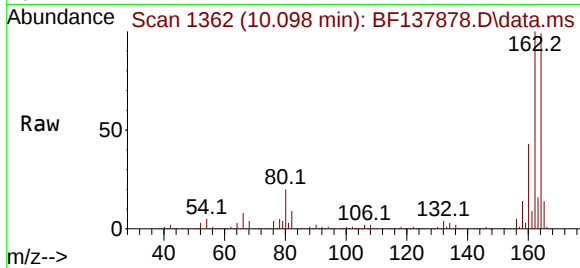
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



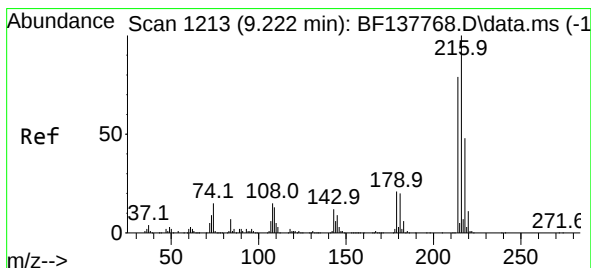
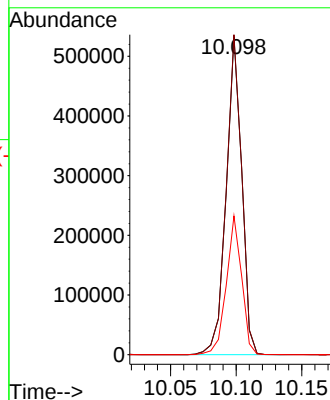
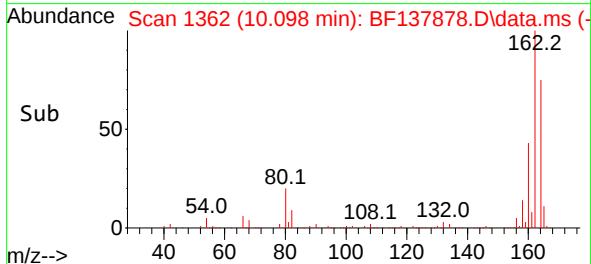
Tgt Ion:164 Resp: 43820
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 43.6 34.4 51.6

Manual Integrations

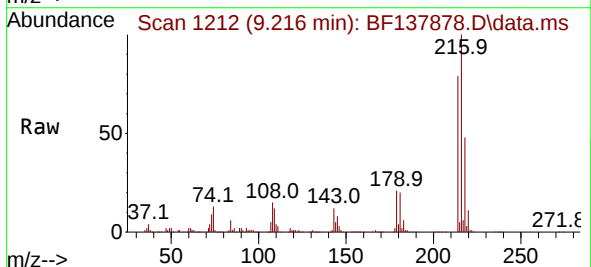
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

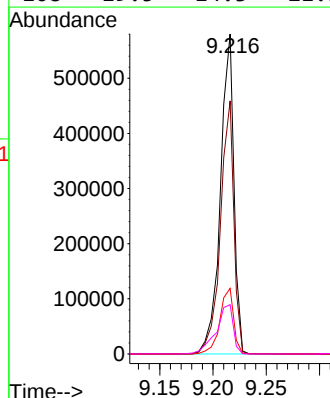
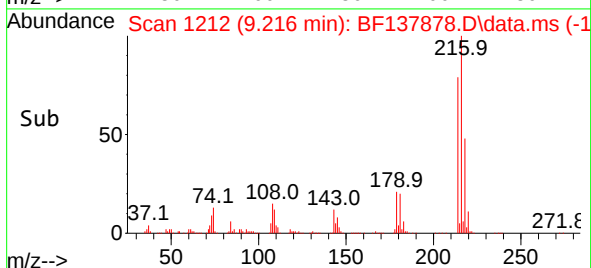
Supervised By :mohammad ahmed 05/13/2024

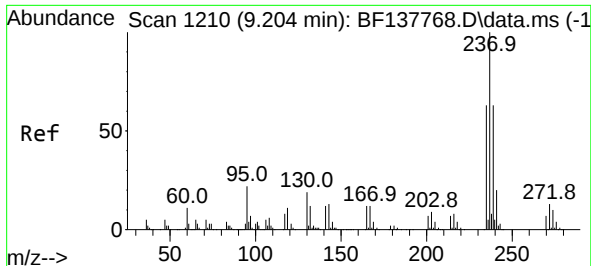


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.871 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



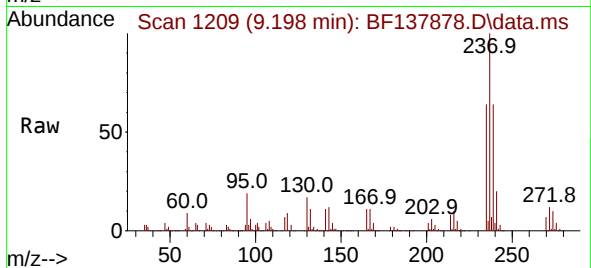
Tgt Ion:216 Resp: 509168
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 20.9 16.8 25.2
108 19.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 121.086 ng
RT: 9.198 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

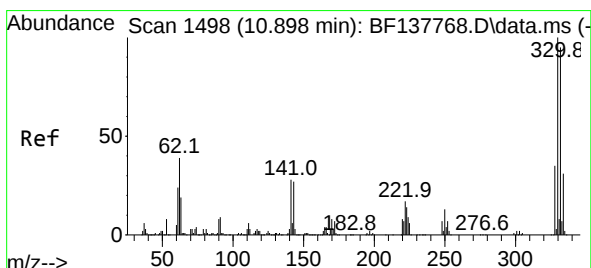
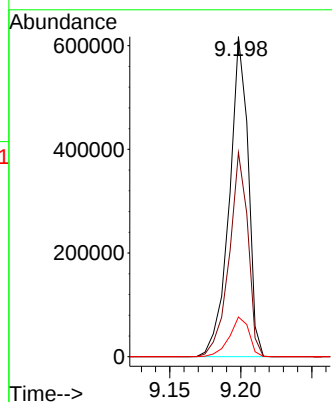
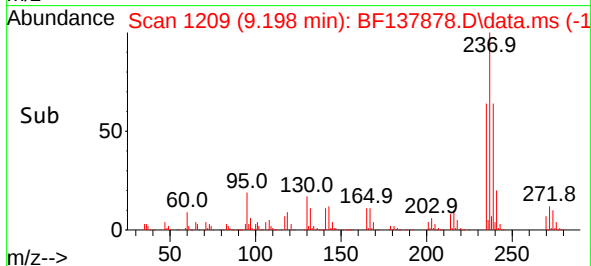
Instrument :
BNA_F
ClientSampleId :
PB160643BS



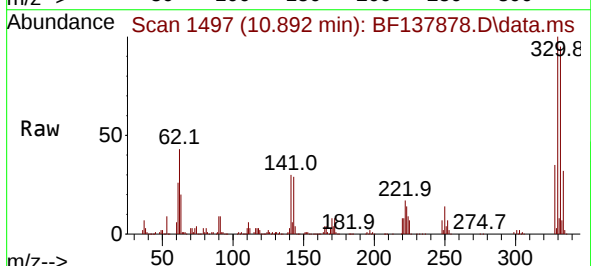
Tgt Ion:237 Resp: 570810
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 12.4 0.0 32.8

Manual Integrations
APPROVED

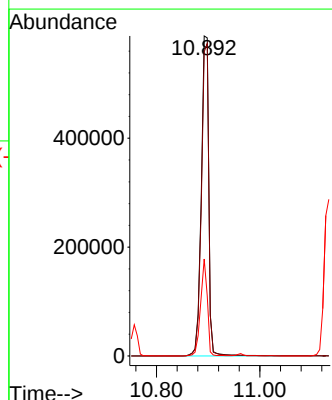
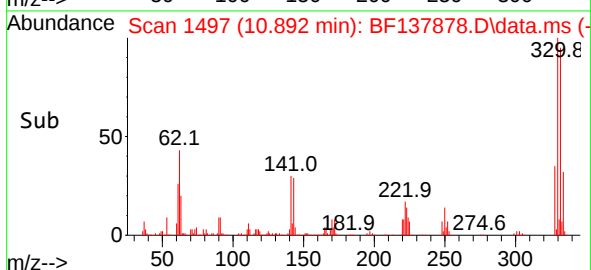
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

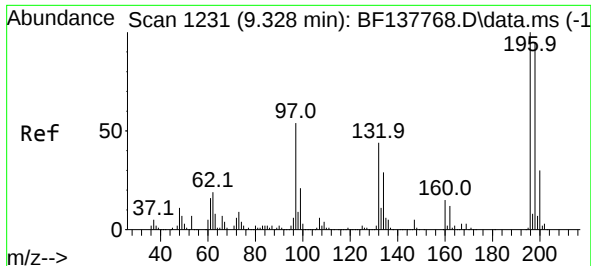


#42
2,4,6-Tribromophenol
Concen: 131.471 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



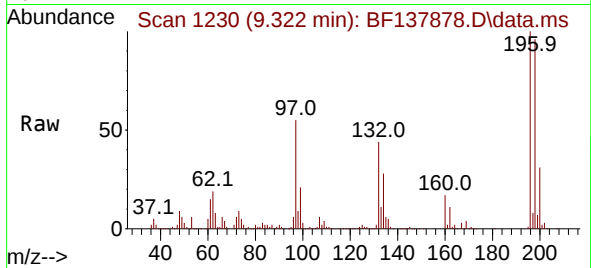
Tgt Ion:330 Resp: 588222
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 27.4 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 43.874 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

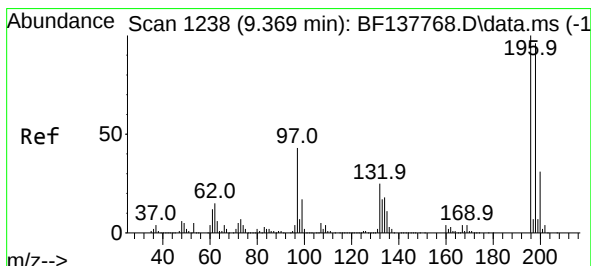
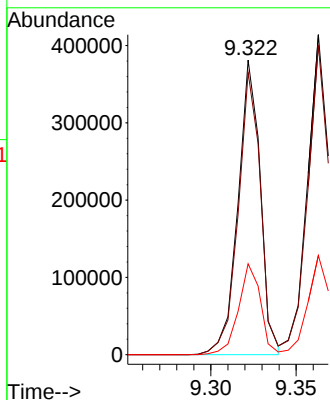
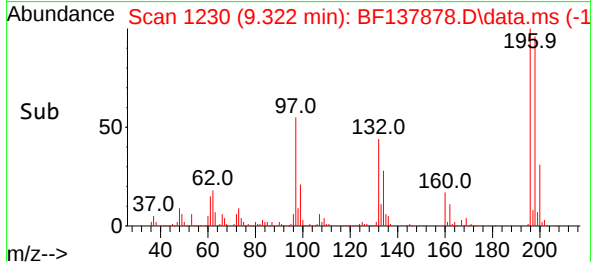
Instrument :
BNA_F
ClientSampleId :
PB160643BS



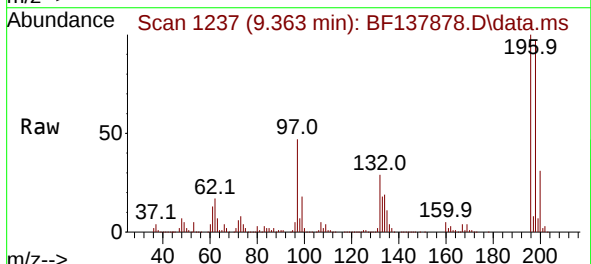
Tgt Ion:196 Resp: 346617
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
200 30.9 24.2 36.2

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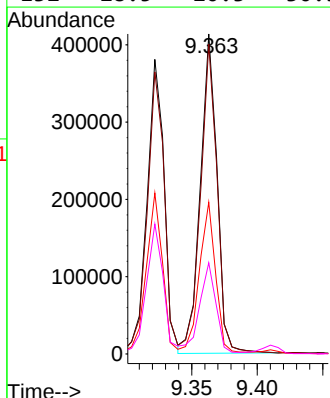
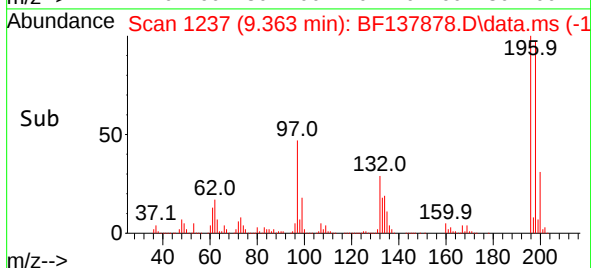
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

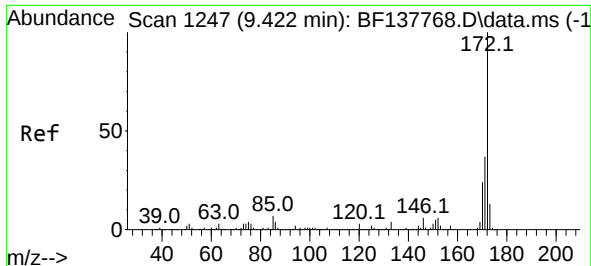


#44
2,4,5-Trichlorophenol
Concen: 42.216 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion:196 Resp: 368267
Ion Ratio Lower Upper
196 100
198 96.8 76.6 114.8
97 47.4 34.5 51.7
132 28.5 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 83.677 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:172 Resp: 226013

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

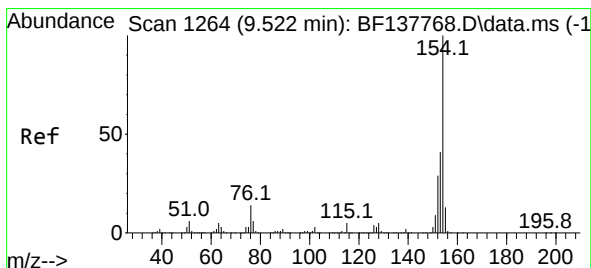
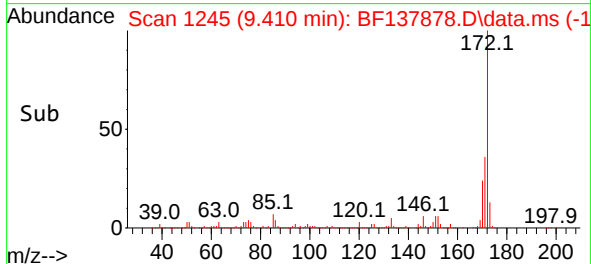
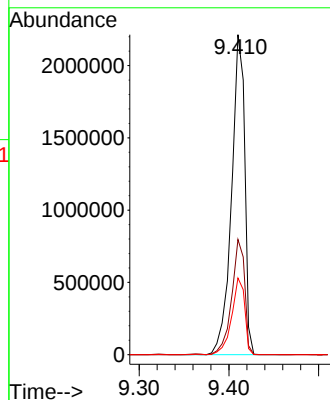
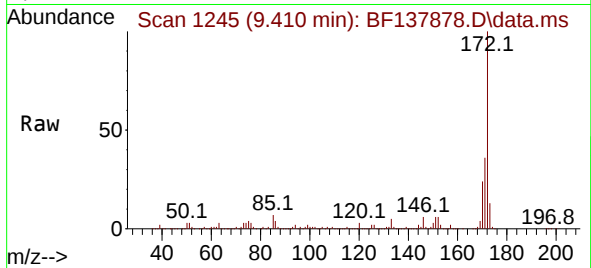
170 24.0 19.4 29.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#46

1,1'-Biphenyl

Concen: 42.897 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

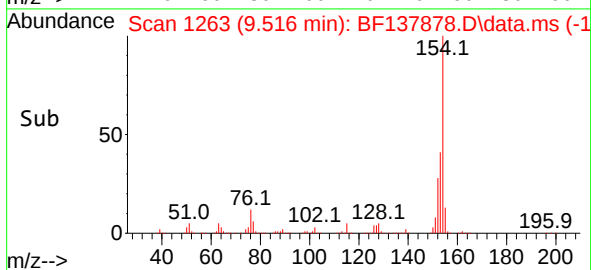
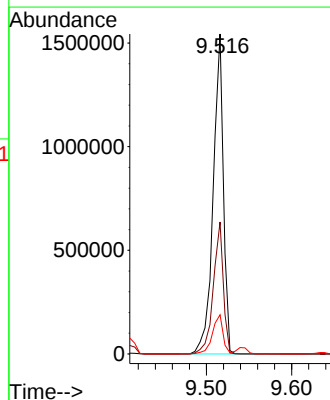
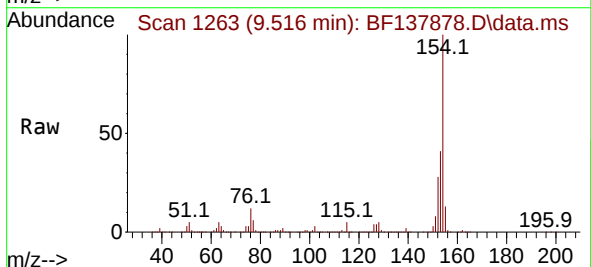
Tgt Ion:154 Resp: 1290034

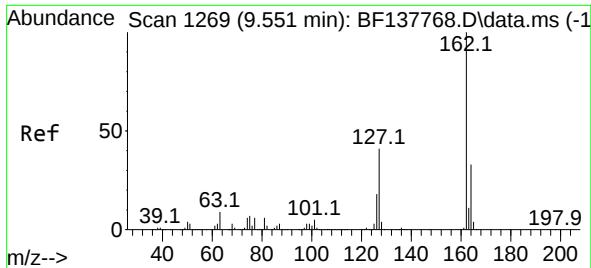
Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

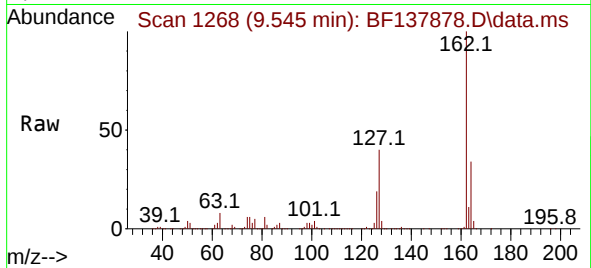
76 12.3 0.0 33.5





#47
2-Chloronaphthalene
Concen: 41.804 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

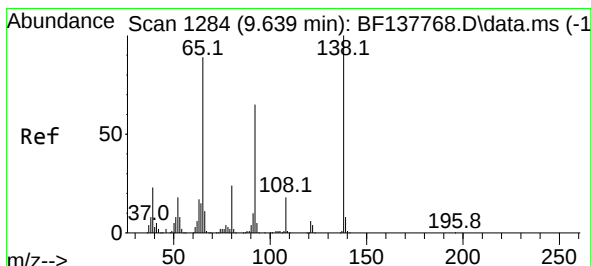
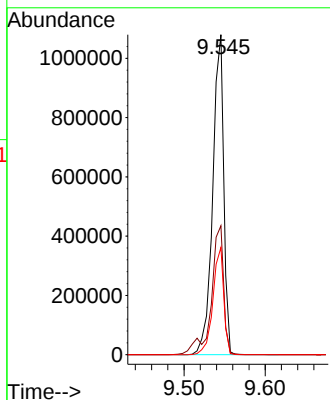
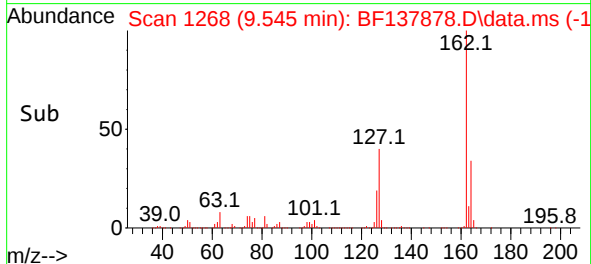
Instrument :
BNA_F
ClientSampleId :
PB160643BS



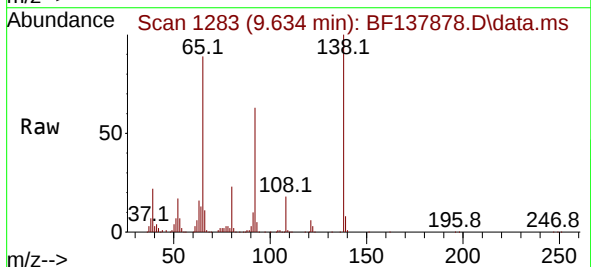
Tgt Ion:162 Resp: 1014962
Ion Ratio Lower Upper
162 100
127 40.3 32.6 49.0
164 33.5 26.5 39.7

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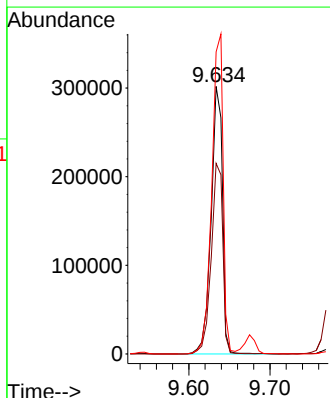
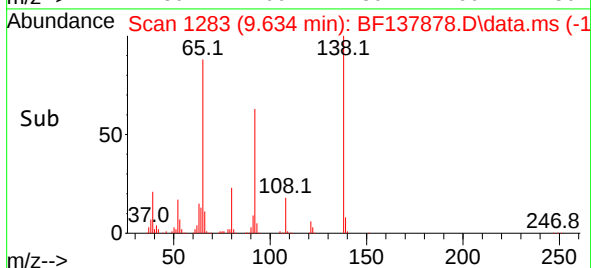
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

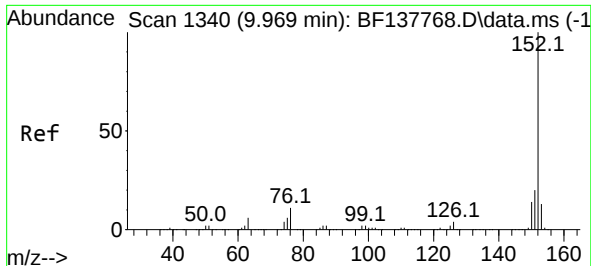


#48
2-Nitroaniline
Concen: 44.252 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion: 65 Resp: 291386
Ion Ratio Lower Upper
65 100
92 71.2 58.6 88.0
138 113.0 90.3 135.5





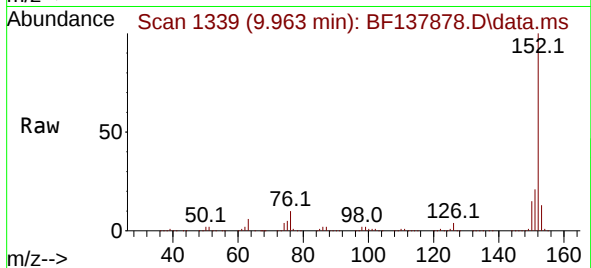
#49
Acenaphthylene
Concen: 45.362 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



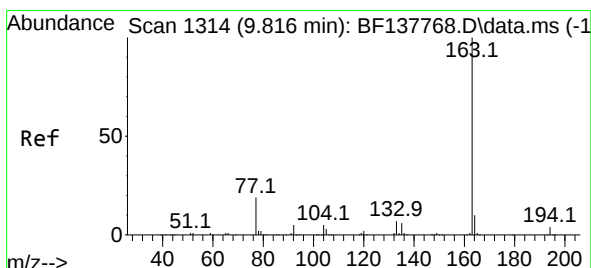
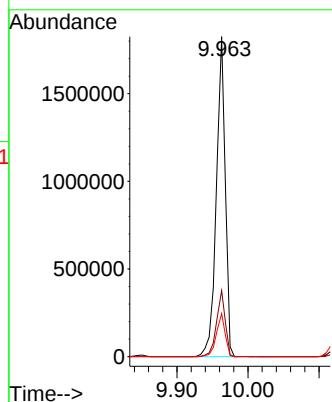
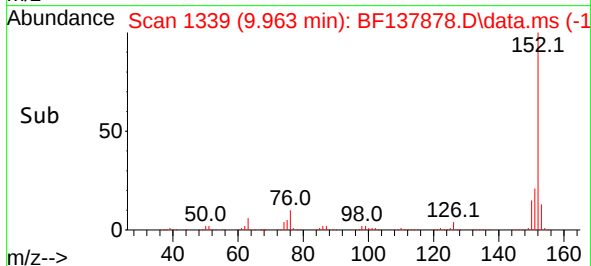
Tgt Ion:152 Resp: 1593188
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.4 10.8 16.2

Manual Integrations

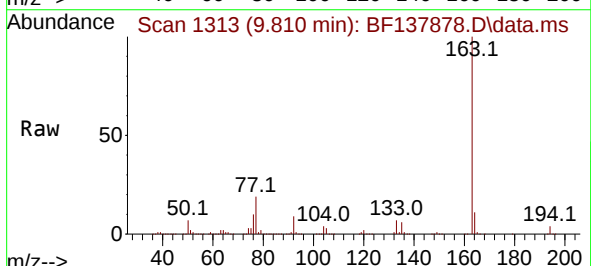
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

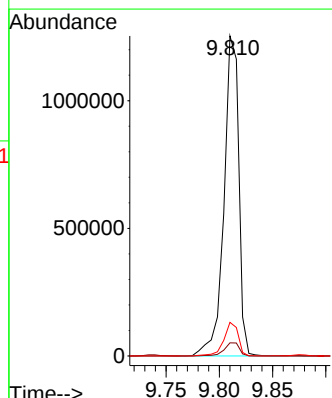
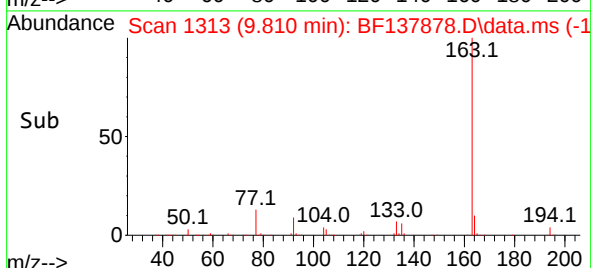
Supervised By :mohammad ahmed 05/13/2024

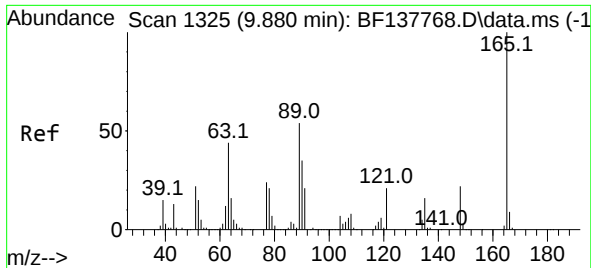


#50
Dimethylphthalate
Concen: 43.711 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion:163 Resp: 1209187
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.111 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

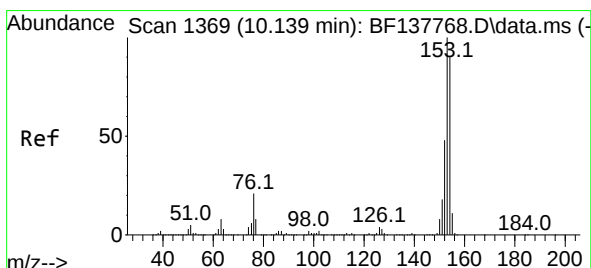
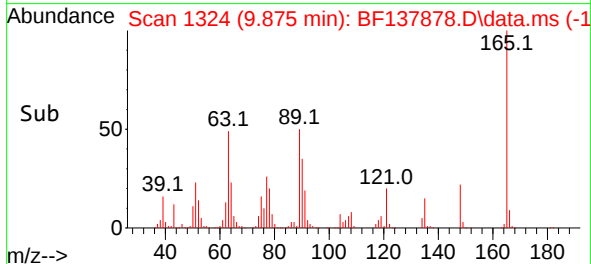
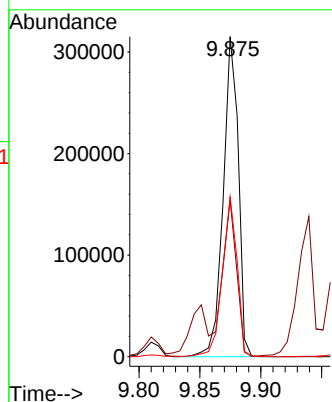
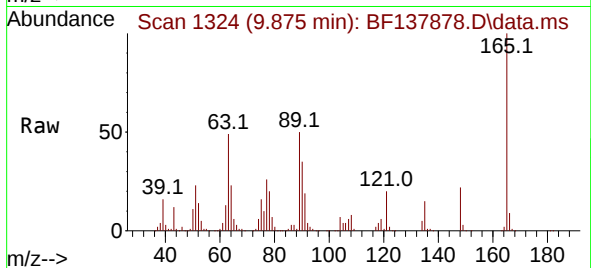
PB160643BS

Tgt Ion:165 Resp: 27254
Ion Ratio Lower Upper
165 100
63 49.0 41.9 62.9
89 49.9 43.2 64.8

Manual Integrations

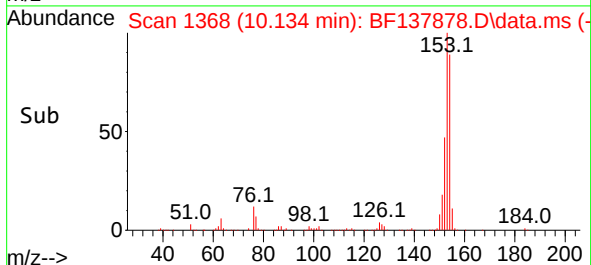
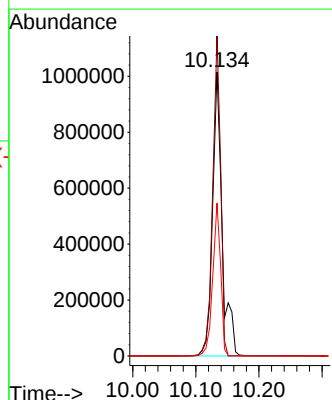
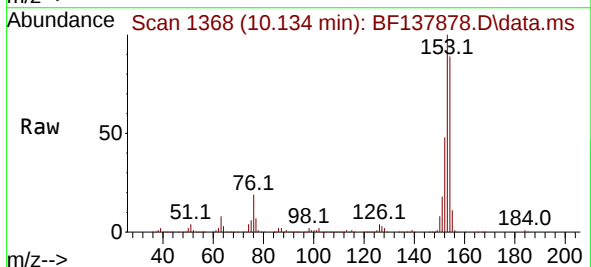
APPROVED

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



#52
Acenaphthene
Concen: 46.169 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:154 Resp: 1074834
Ion Ratio Lower Upper
154 100
153 112.6 88.7 133.1
152 53.8 42.8 64.2





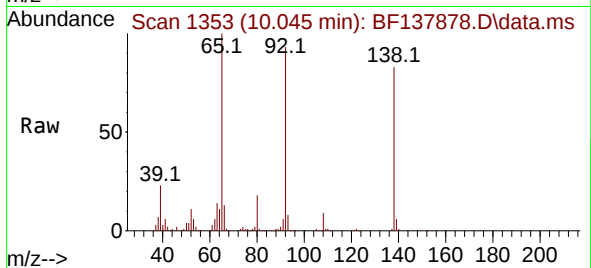
#53
3-Nitroaniline
Concen: 28.306 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

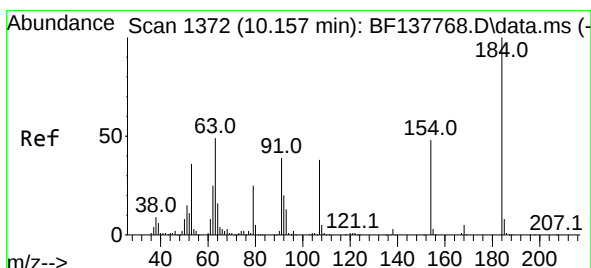
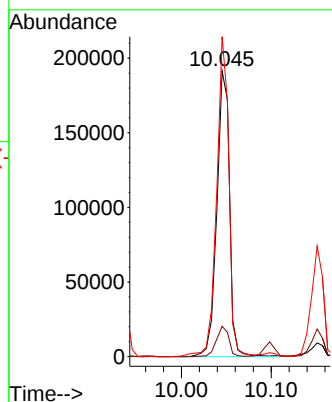
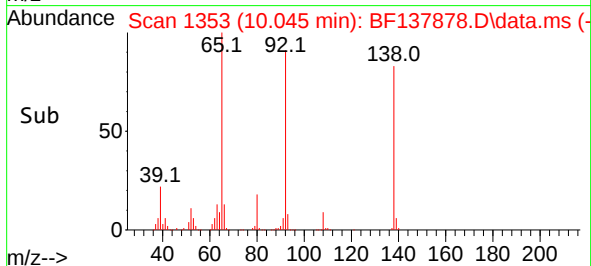
PB160643BS



Tgt Ion:138 Resp: 187390
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.6
92 112.0 84.6 126.8

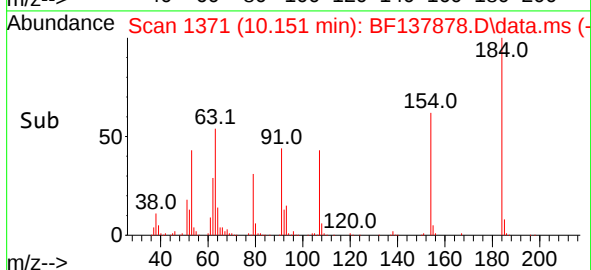
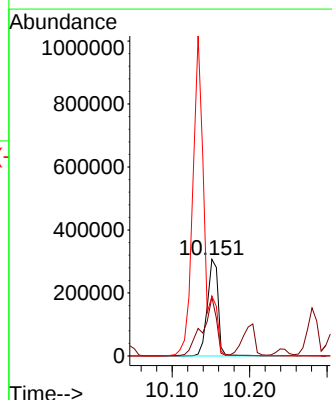
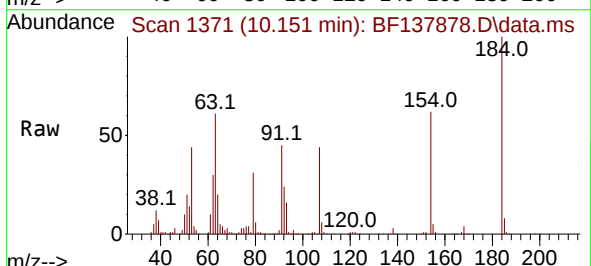
Manual Integrations
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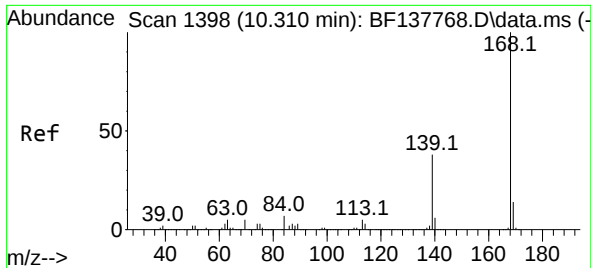
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#54
2,4-Dinitrophenol
Concen: 95.827 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

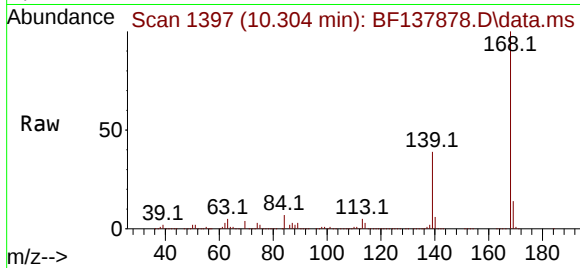
Tgt Ion:184 Resp: 297668
Ion Ratio Lower Upper
184 100
63 61.0 40.3 60.5#
154 61.9 45.2 67.8





#55
Dibenzenofuran
Concen: 42.241 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

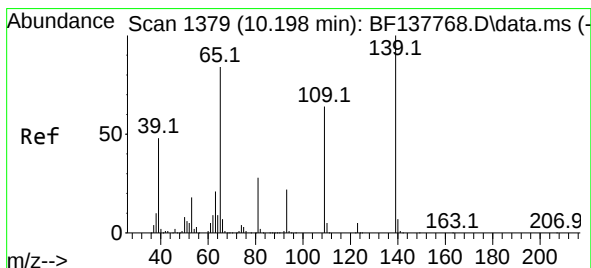
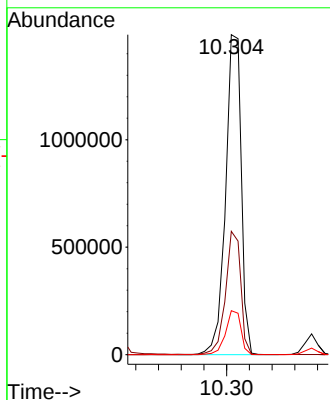
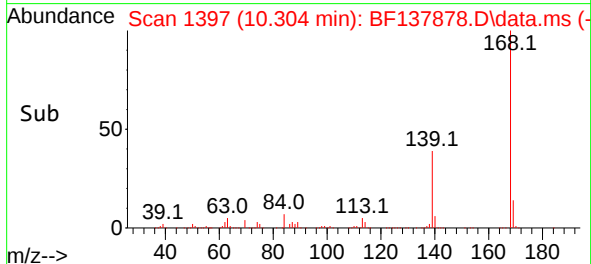
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:168 Resp: 1431030
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4
169 13.8 11.4 17.0

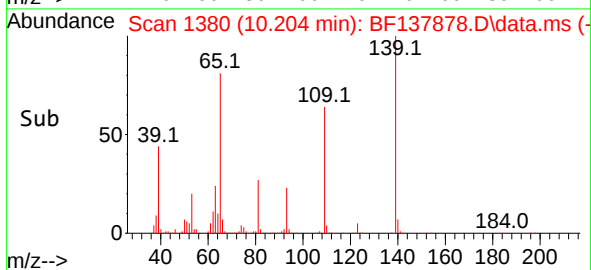
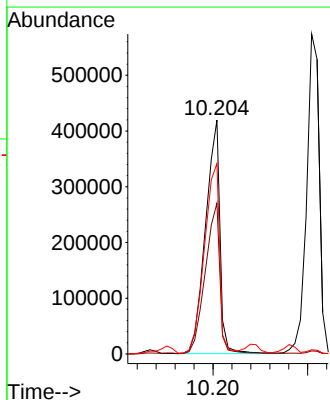
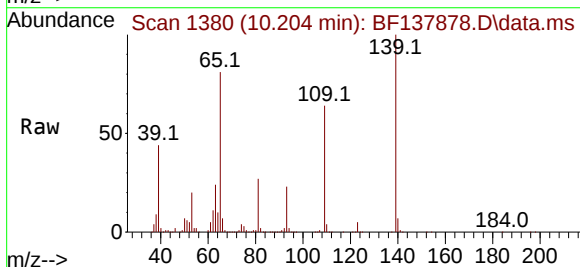
Manual Integrations
APPROVED

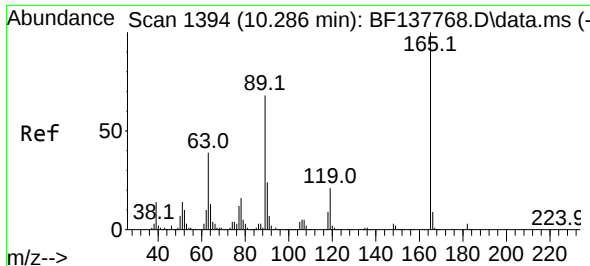
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 80.577 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:139 Resp: 442124
Ion Ratio Lower Upper
139 100
109 64.4 44.0 84.0
65 81.4 64.3 104.3





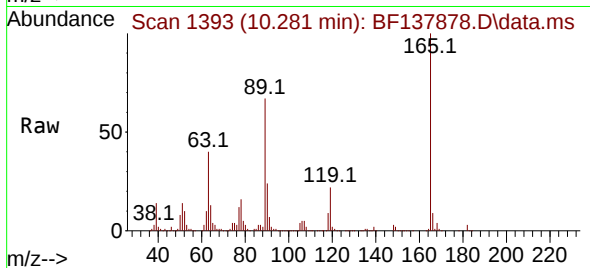
#57
2,4-Dinitrotoluene
Concen: 45.098 ng
RT: 10.281 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

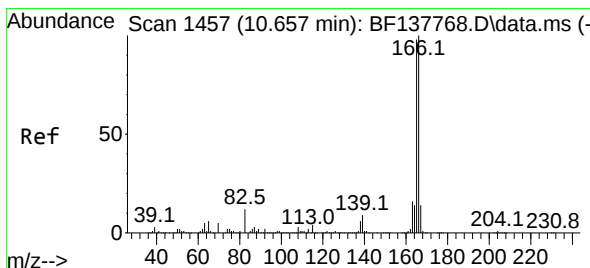
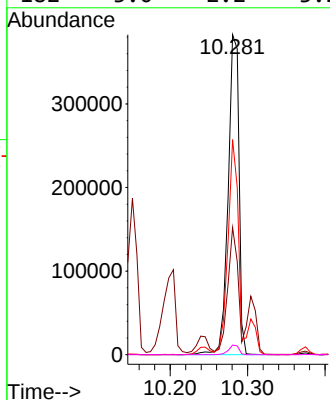
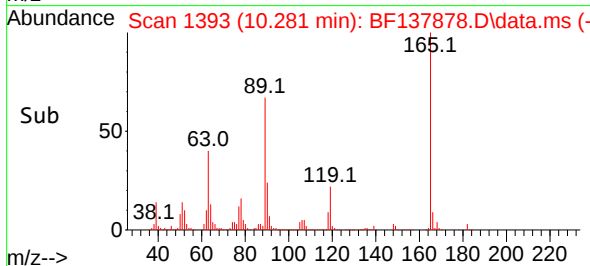


Tgt Ion:165 Resp: 372474
Ion Ratio Lower Upper
165 100
63 39.8 31.3 46.9
89 67.2 54.2 81.4
182 3.0 2.2 3.2

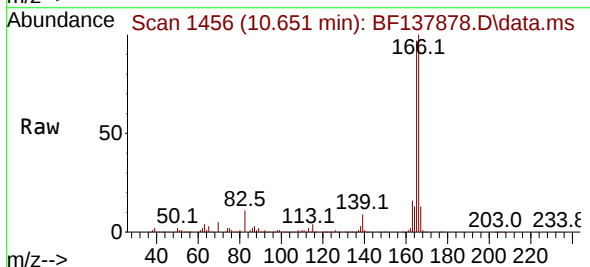
Manual Integrations

APPROVED

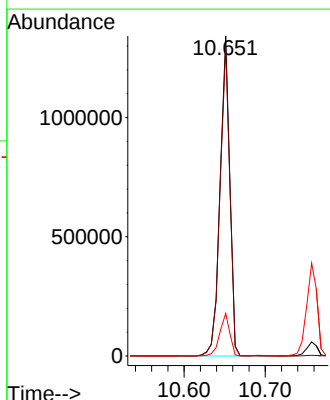
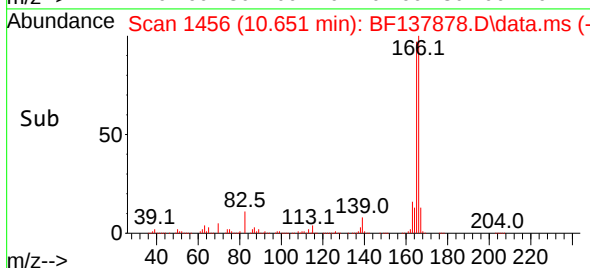
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

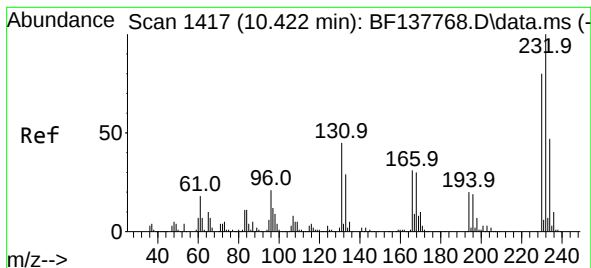


#58
Fluorene
Concen: 41.799 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



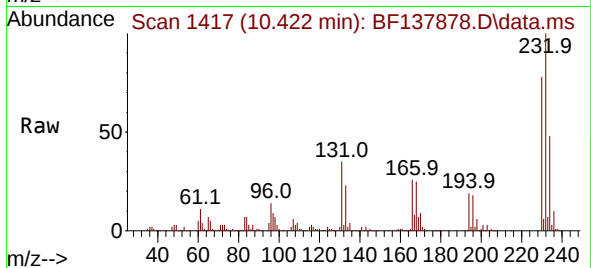
Tgt Ion:166 Resp: 1126992
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.2
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.553 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

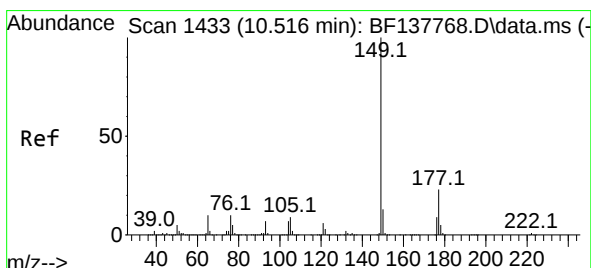
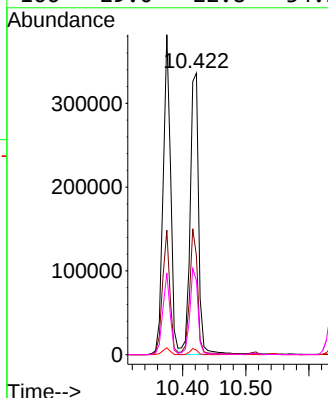
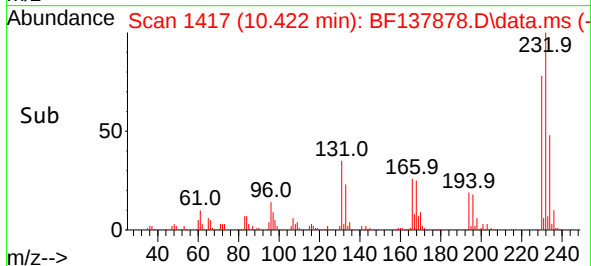
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:232 Resp: 31553
Ion Ratio Lower Upper
232 100
131 41.2 33.4 50.0
130 1.9 1.7 2.5
166 29.0 22.8 34.2

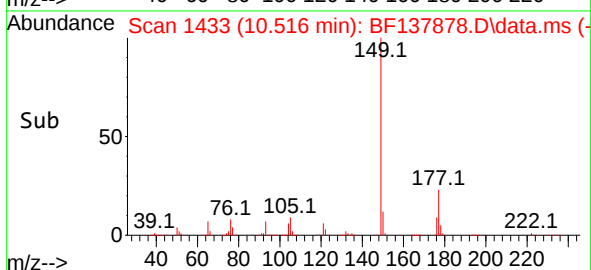
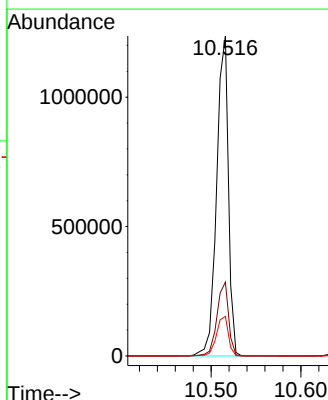
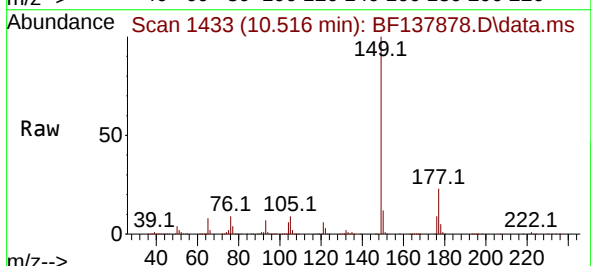
Manual Integrations
APPROVED

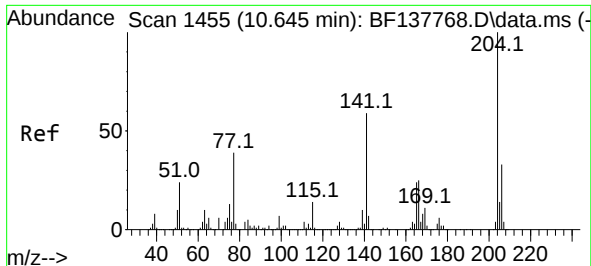
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 42.746 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:149 Resp: 1123055
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 41.872 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

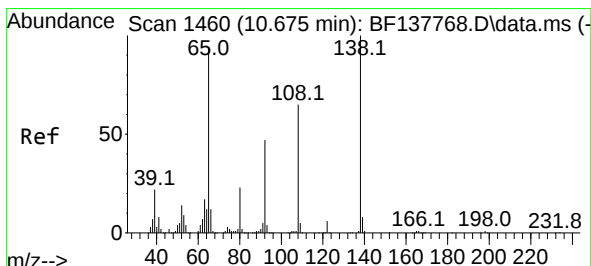
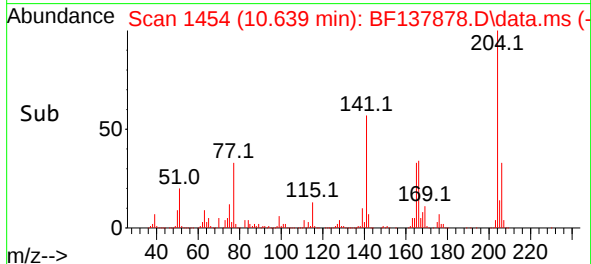
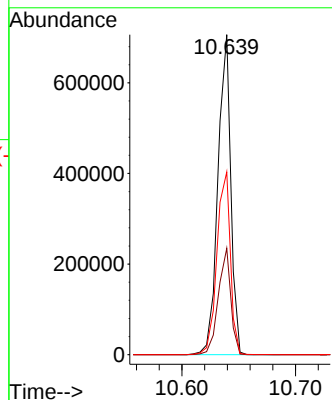
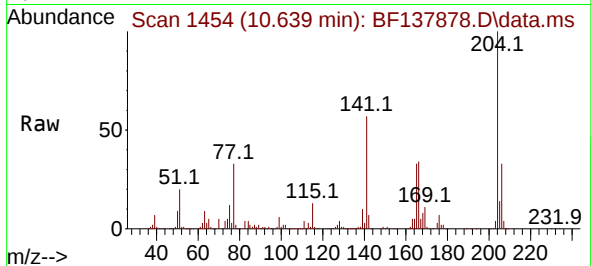
ClientSampleId :

PB160643BS

Tgt Ion:204 Resp: 556268
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.1 47.0 70.6

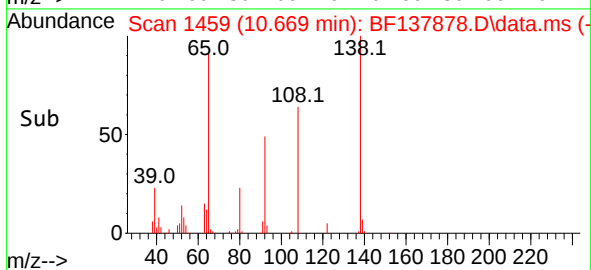
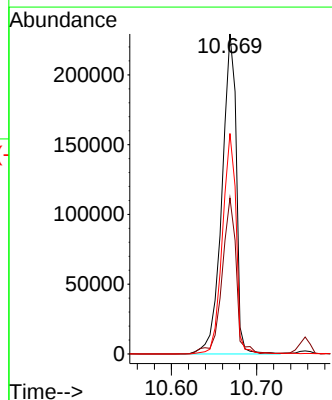
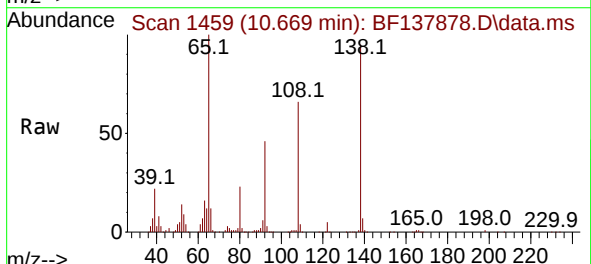
Manual Integrations
APPROVED

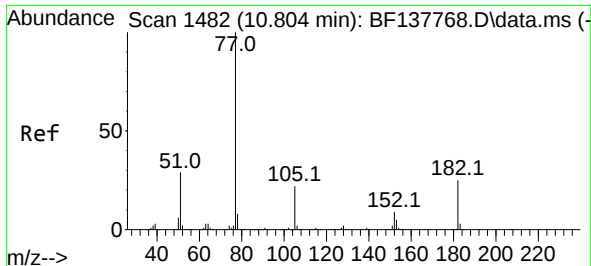
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#62
4-Nitroaniline
Concen: 40.049 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:138 Resp: 268934
Ion Ratio Lower Upper
138 100
92 48.8 26.8 66.8
108 68.9 44.7 84.7





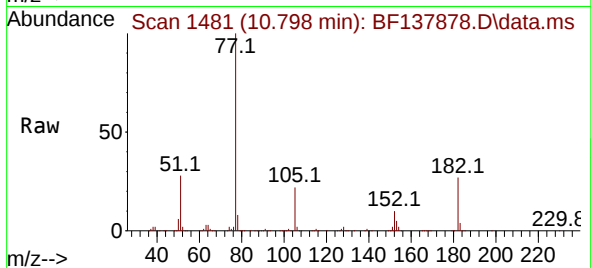
#63
Azobenzene
Concen: 40.767 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



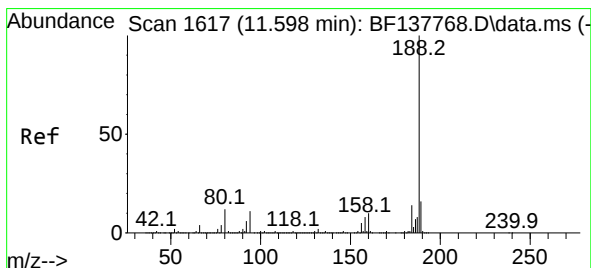
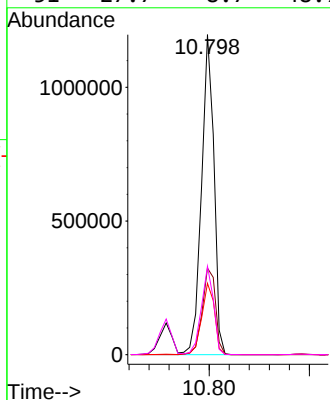
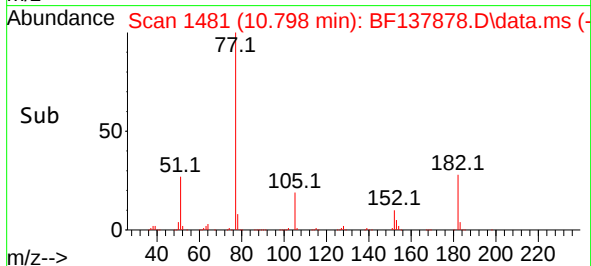
Tgt Ion: 77 Resp: 103518
Ion Ratio Lower Upper
77 100
182 27.0 5.1 45.1
105 22.3 2.2 42.2
51 27.7 8.7 48.7

Manual Integrations

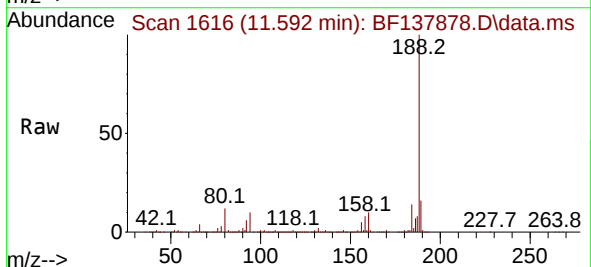
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

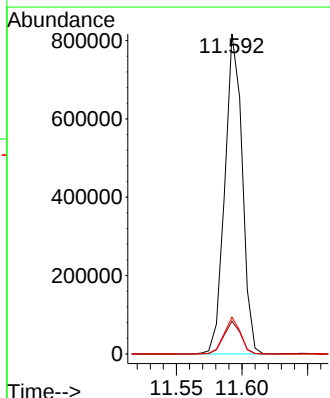
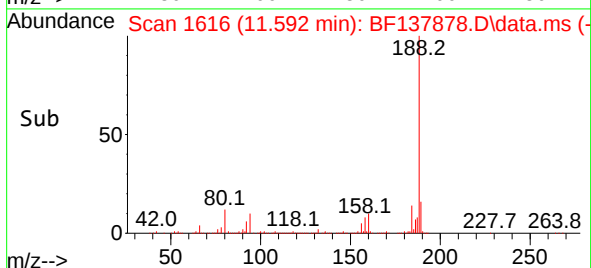
Supervised By :mohammad ahmed 05/13/2024

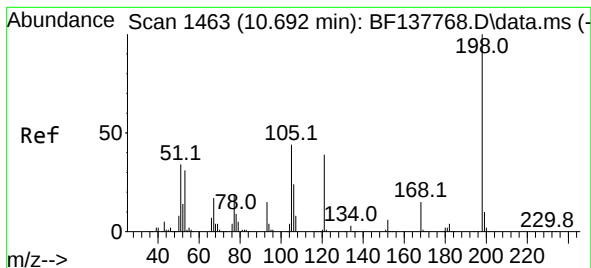


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



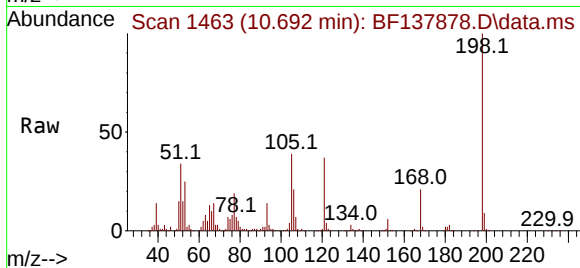
Tgt Ion:188 Resp: 753824
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 11.5 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.773 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

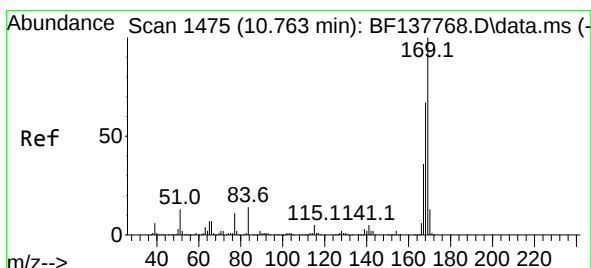
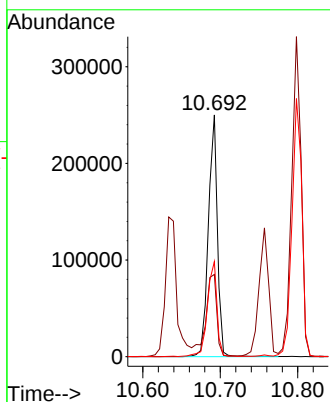
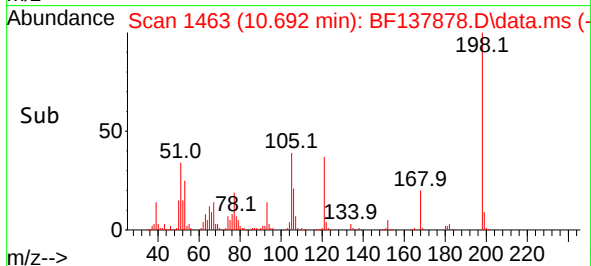
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:198 Resp: 20237
Ion Ratio Lower Upper
198 100
51 34.0 25.1 65.1
105 39.3 24.1 64.1

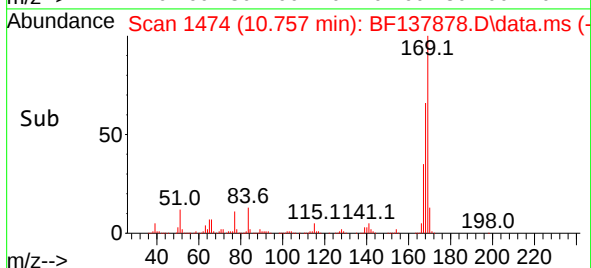
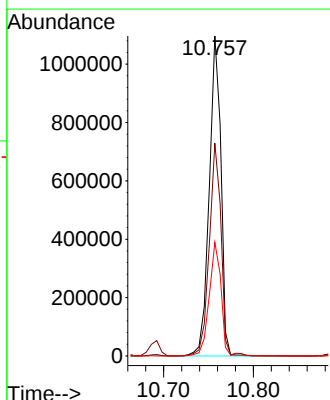
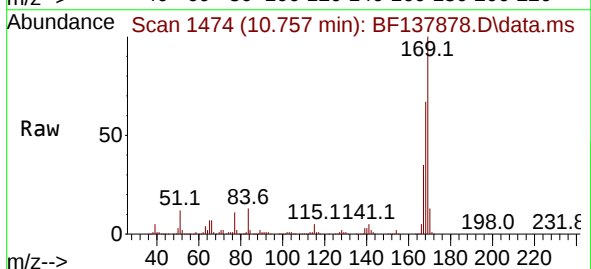
Manual Integrations
APPROVED

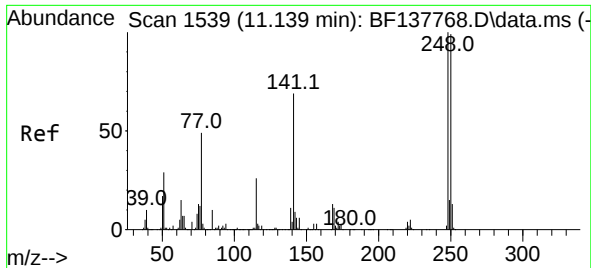
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#66
n-Nitrosodiphenylamine
Concen: 43.749 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:169 Resp: 987191
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.416 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

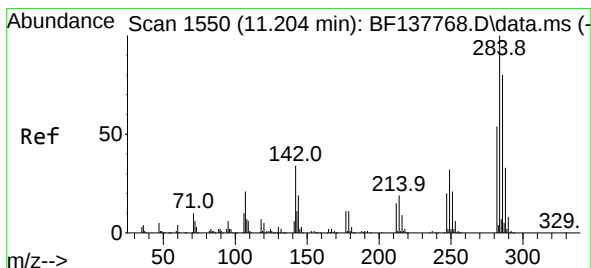
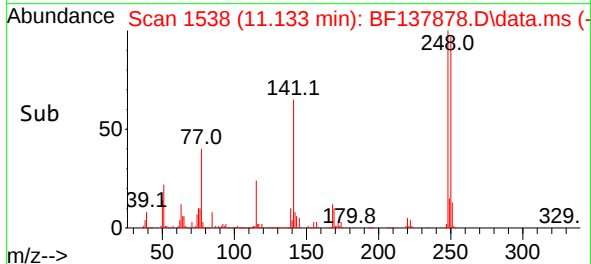
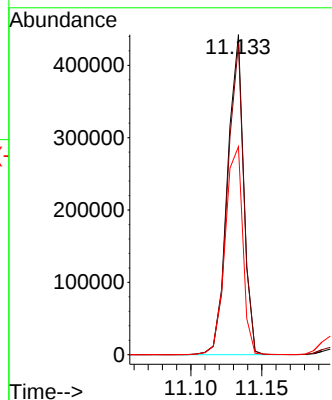
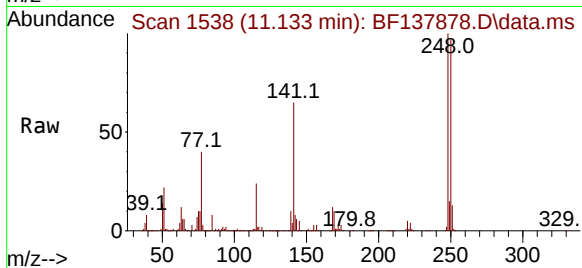
ClientSampleId :

PB160643BS

Tgt Ion:248 Resp: 35026
Ion Ratio Lower Upper
248 100
250 97.1 79.1 118.7
141 65.0 55.4 83.2

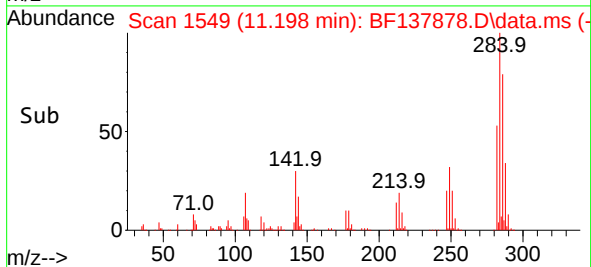
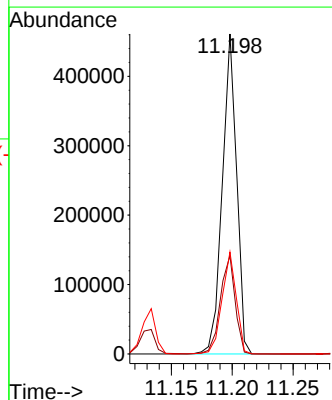
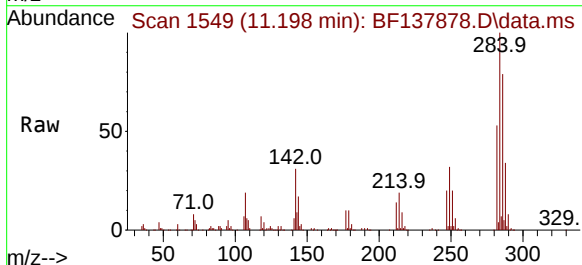
Manual Integrations
APPROVED

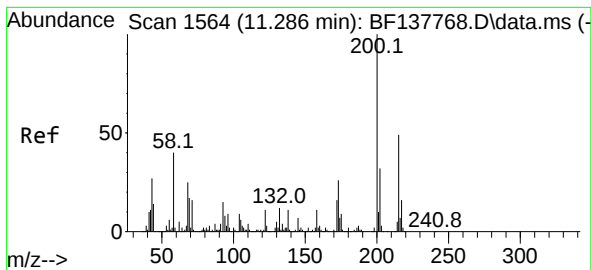
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#68
Hexachlorobenzene
Concen: 42.775 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:284 Resp: 377112
Ion Ratio Lower Upper
284 100
142 30.8 27.3 40.9
249 31.8 25.6 38.4





#69

Atrazine

Concen: 48.468 ng

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:200 Resp: 333474

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

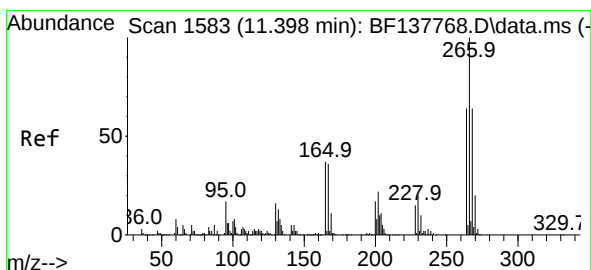
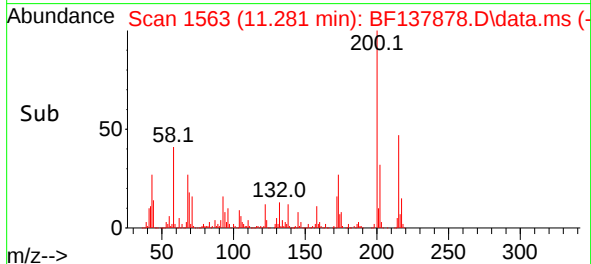
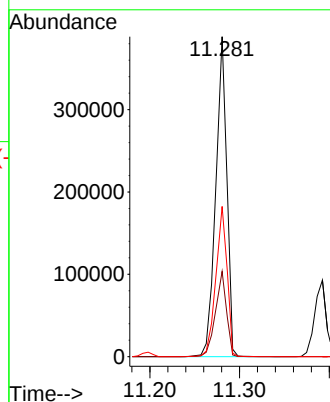
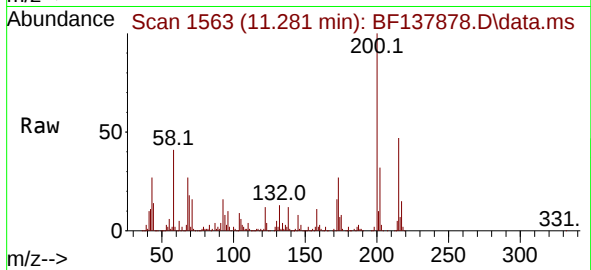
215 46.9 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 80.519 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

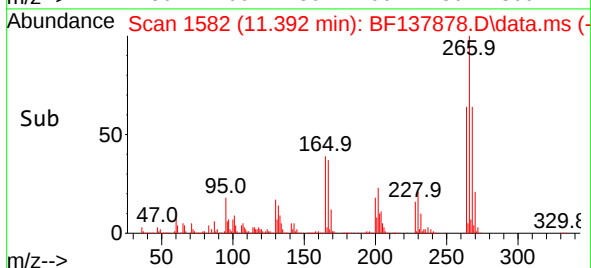
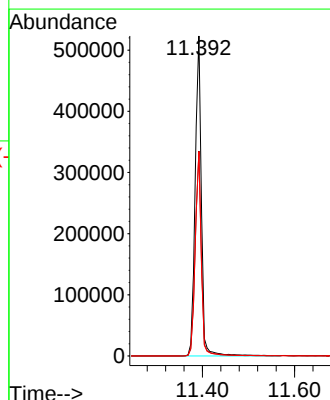
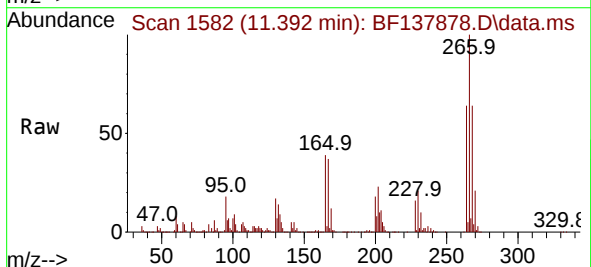
Tgt Ion:266 Resp: 487361

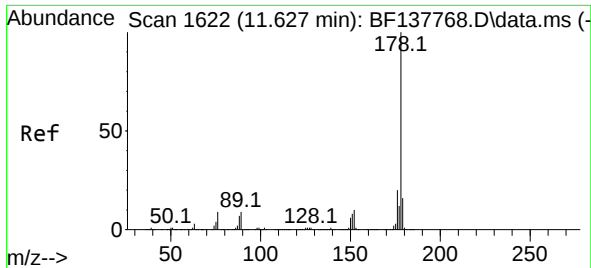
Ion Ratio Lower Upper

266 100

268 64.0 51.3 76.9

264 63.9 51.0 76.4





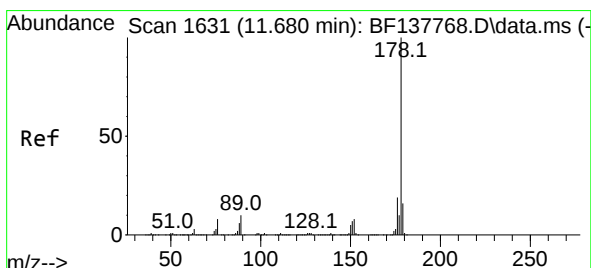
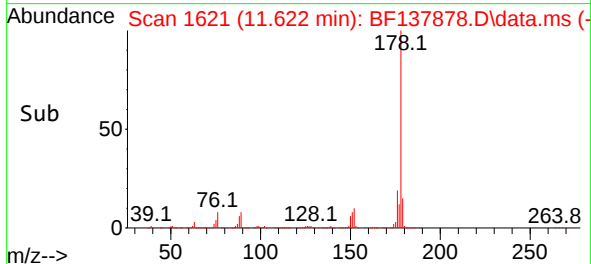
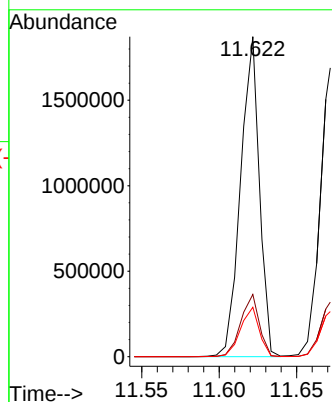
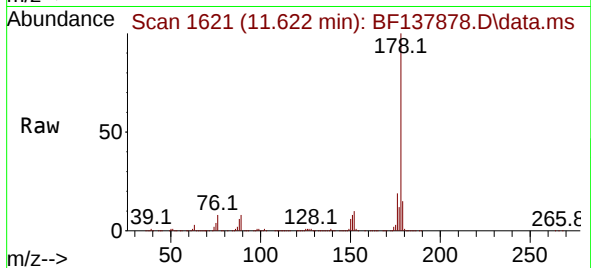
#71
Phenanthrene
Concen: 42.998 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Tgt Ion:178 Resp: 157984
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.4 12.5 18.7

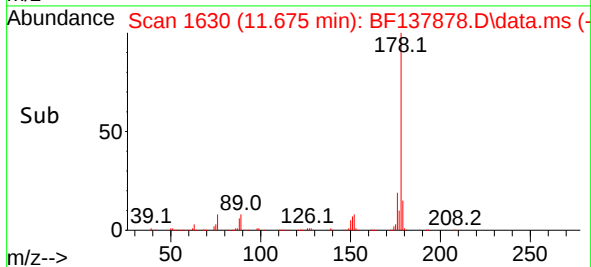
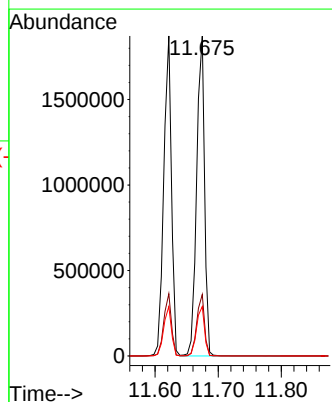
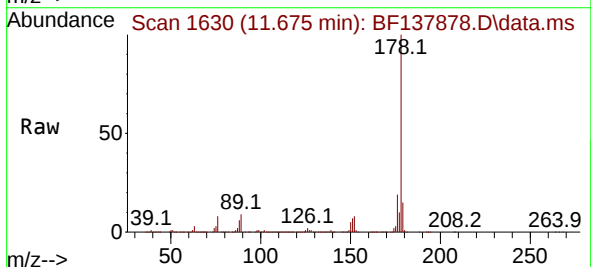
Manual Integrations
APPROVED

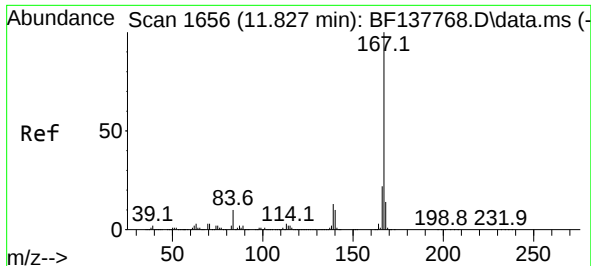
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 44.310 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

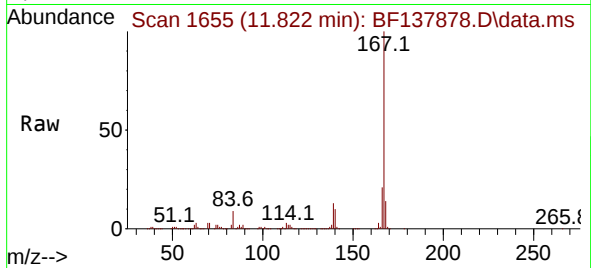
Tgt Ion:178 Resp: 1619893
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 41.822 ng
 RT: 11.822 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF137878.D
 Acq: 10 May 2024 13:33

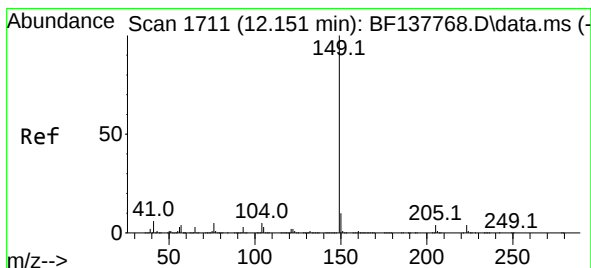
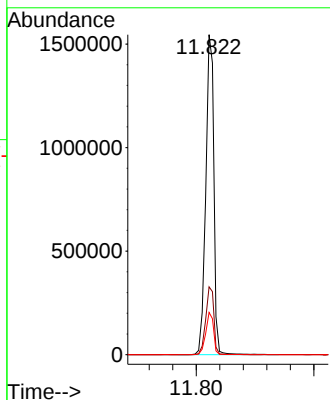
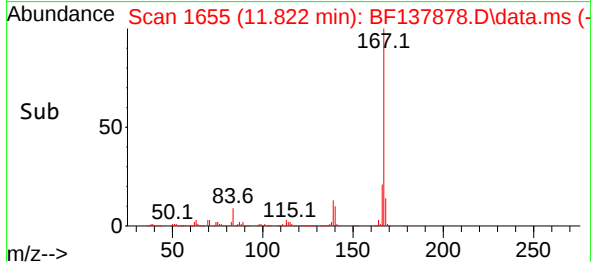
Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS



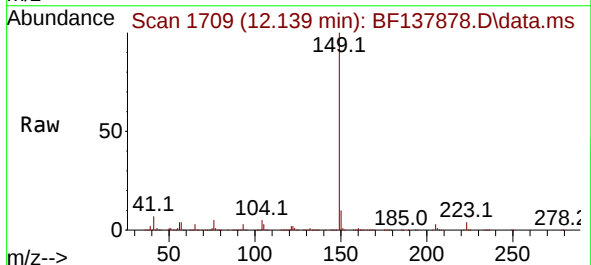
Tgt Ion:167 Resp: 1473524
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.2 10.5 15.7

Manual Integrations
 APPROVED

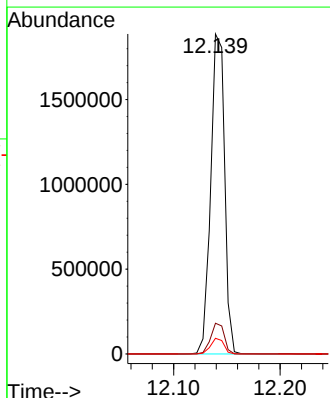
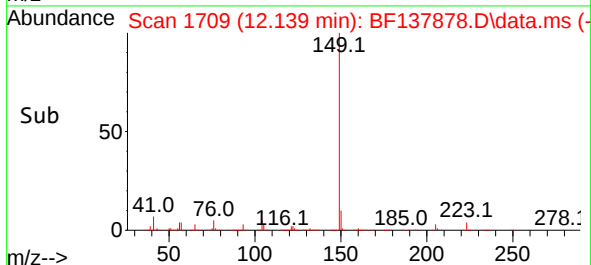
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

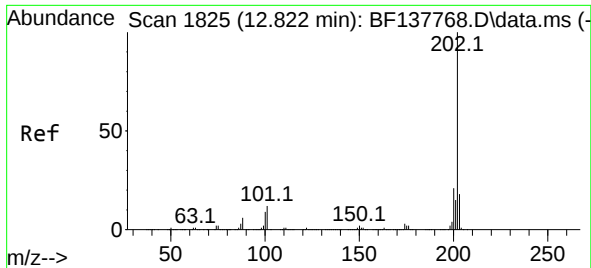


#74
 Di-n-butylphthalate
 Concen: 44.449 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137878.D
 Acq: 10 May 2024 13:33



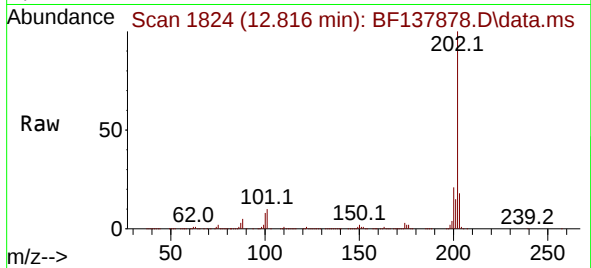
Tgt Ion:149 Resp: 1708361
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 41.132 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

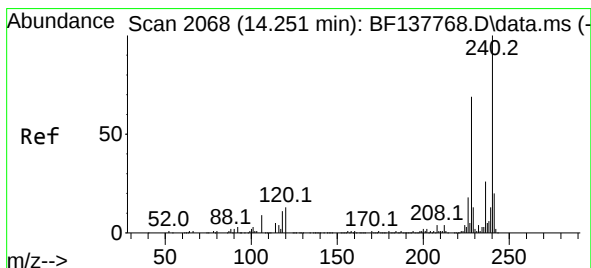
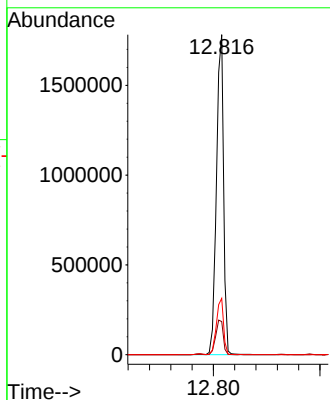
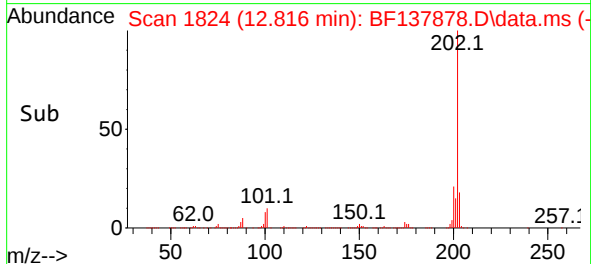
Instrument :
BNA_F
ClientSampleId :
PB160643BS



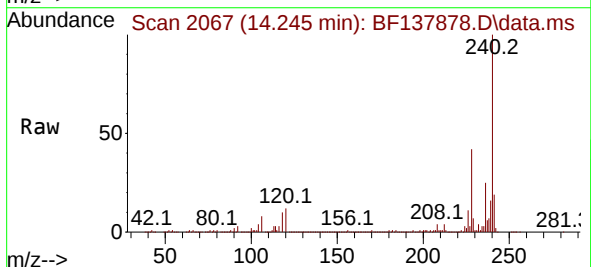
Tgt Ion:202 Resp: 1652039
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations
APPROVED

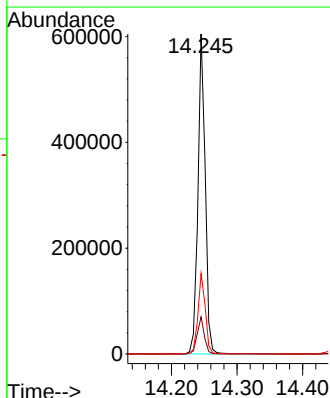
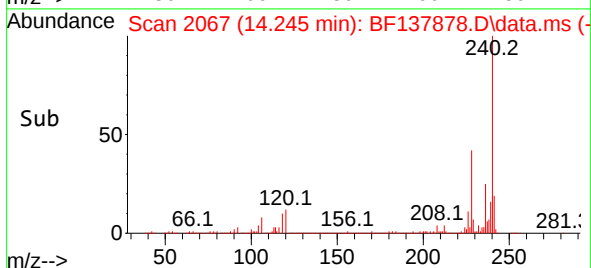
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

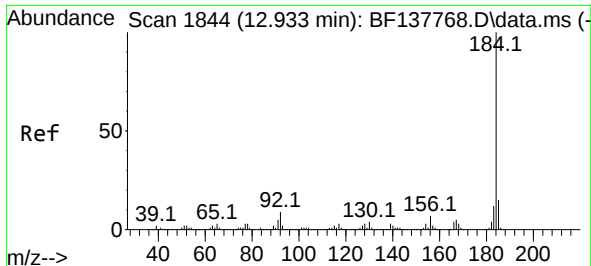


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



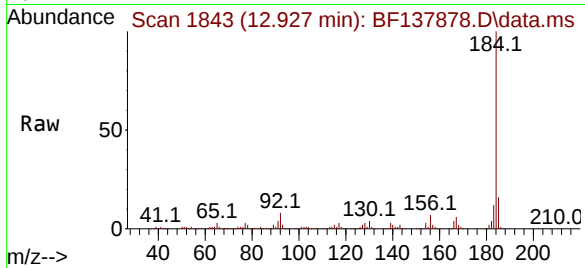
Tgt Ion:240 Resp: 469496
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 25.1 20.4 30.6





#77
Benzidine
Concen: 34.071 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

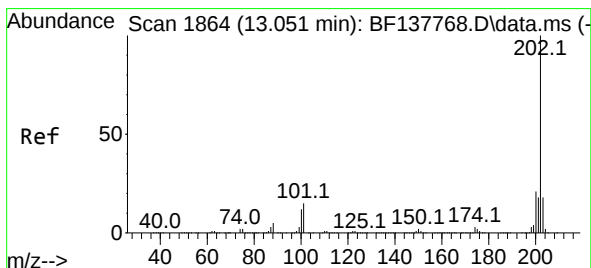
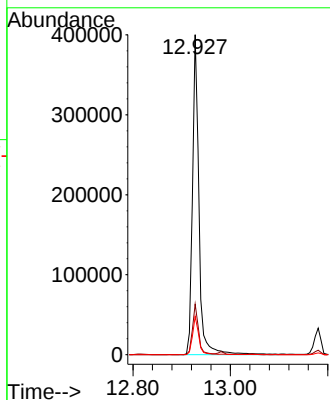
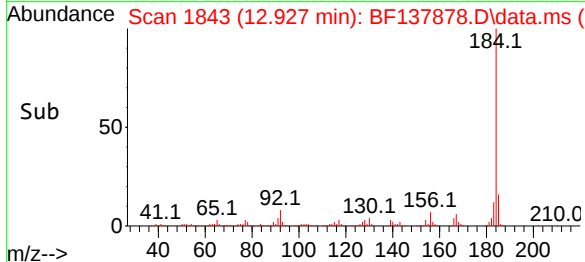
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:184 Resp: 36995
Ion Ratio Lower Upper
184 100
185 15.8 12.3 18.5
183 12.0 9.2 13.8

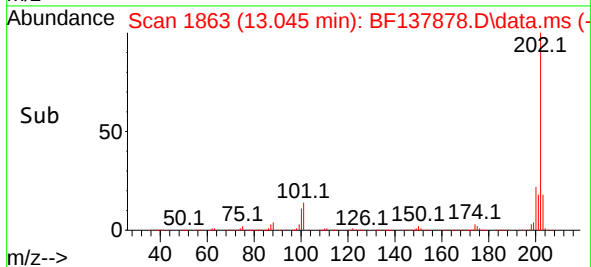
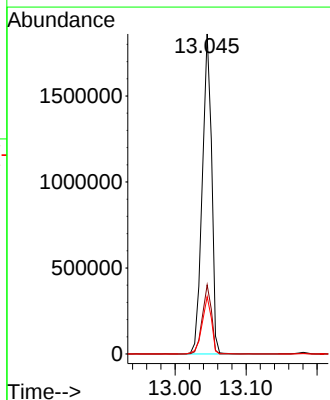
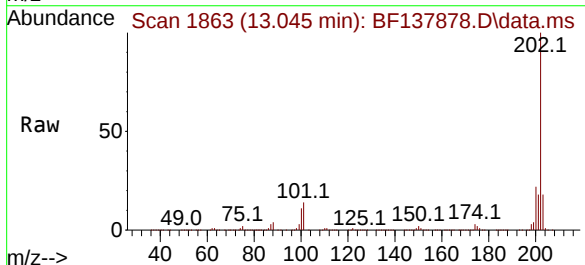
Manual Integrations
APPROVED

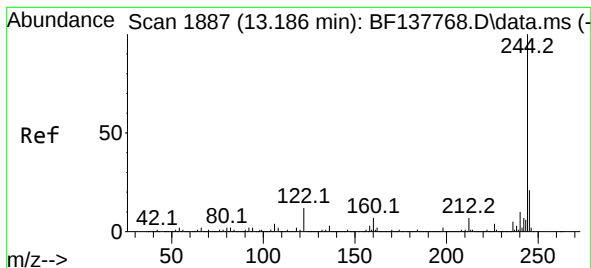
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#78
Pyrene
Concen: 45.774 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:202 Resp: 1703957
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 89.587 ng

RT: 13.180 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:244 Resp: 2509800

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

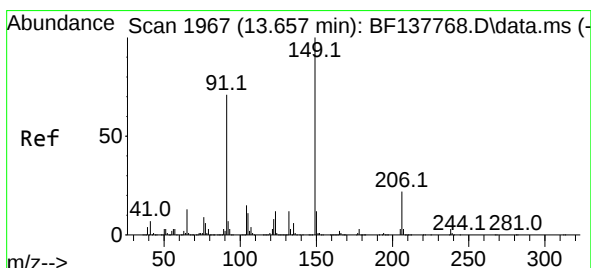
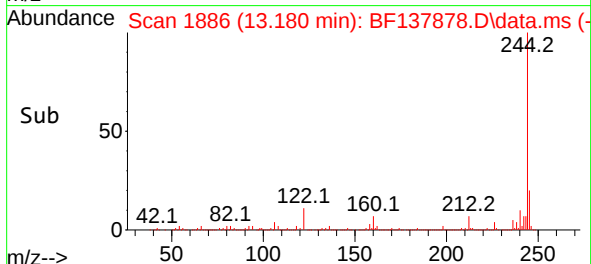
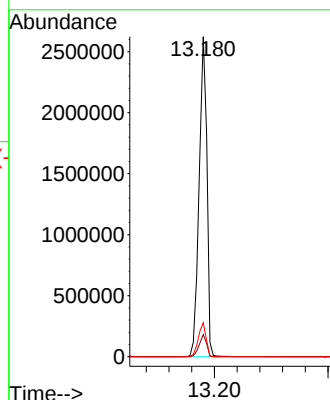
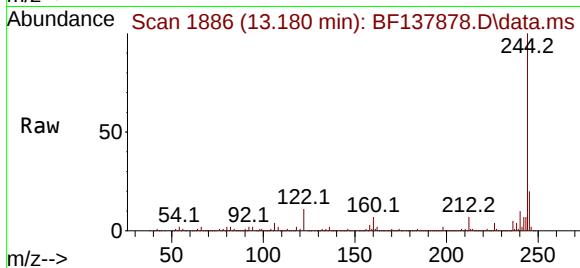
122 10.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#80

Butylbenzylphthalate

Concen: 52.158 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

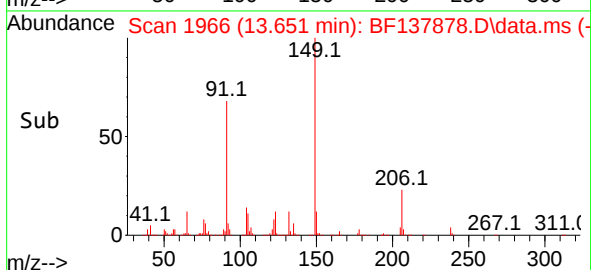
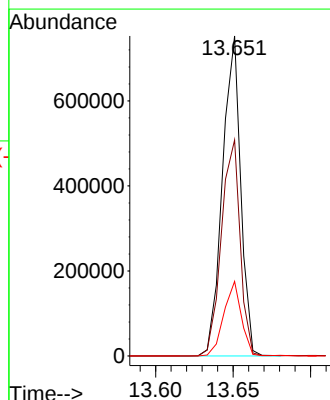
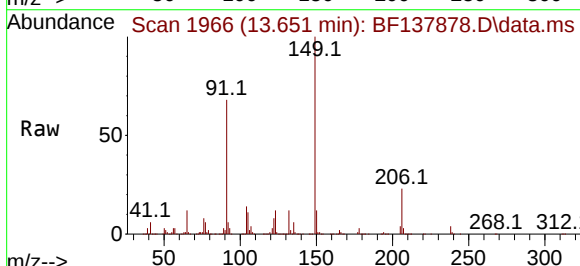
Tgt Ion:149 Resp: 616042

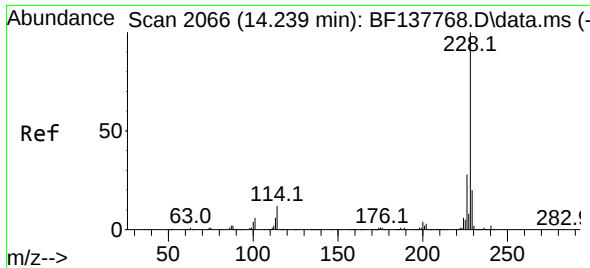
Ion Ratio Lower Upper

149 100

91 67.5 56.8 85.2

206 23.3 17.8 26.8





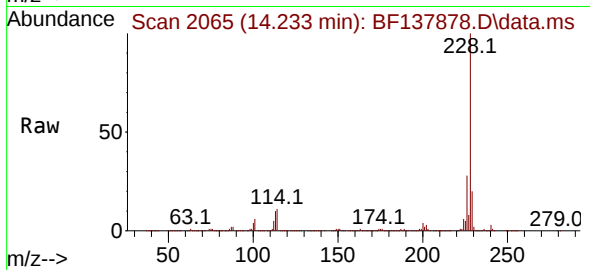
#81
Benzo(a)anthracene
Concen: 44.245 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



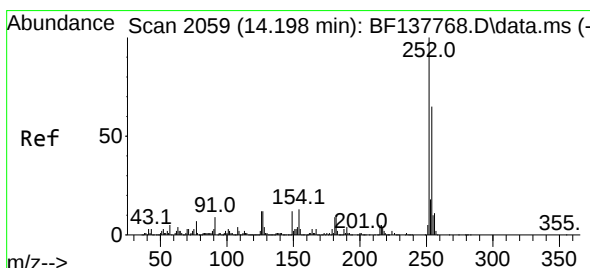
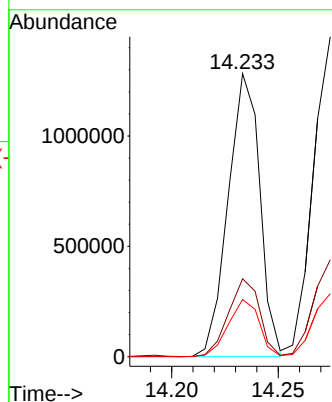
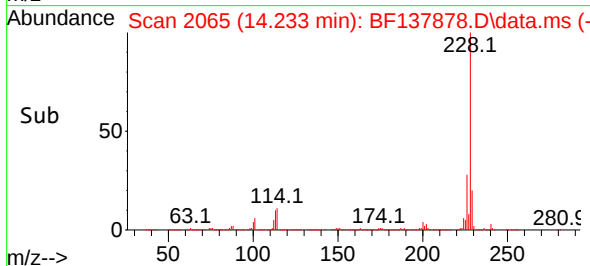
Tgt Ion:228 Resp: 132862
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.2 16.3 24.5

Manual Integrations

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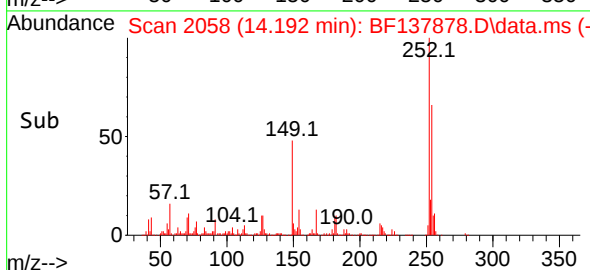
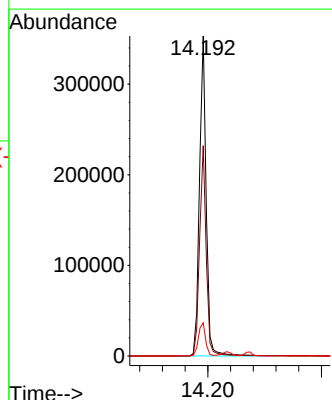
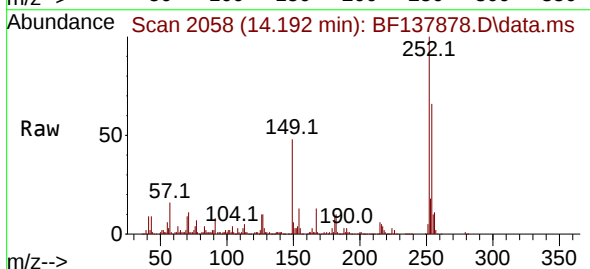
Reviewed By :Yogesh Patel 05/13/2024

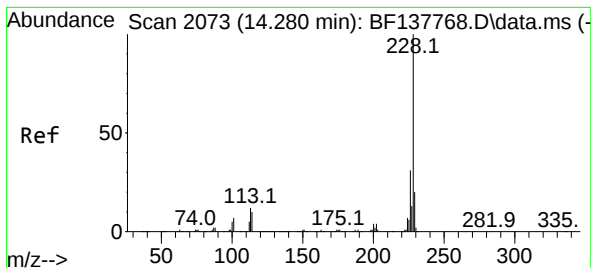
Supervised By :mohammad ahmed 05/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.539 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Tgt Ion:252 Resp: 292512
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 10.4 9.7 14.5





#83

Chrysene

Concen: 44.318 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:228 Resp: 124606

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

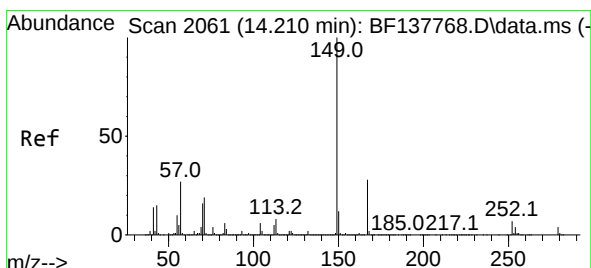
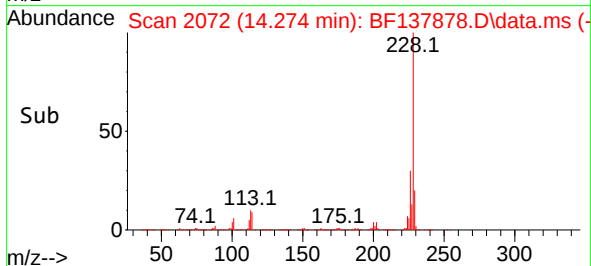
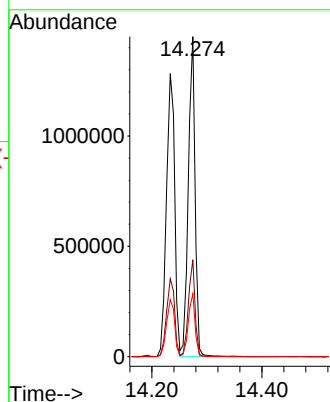
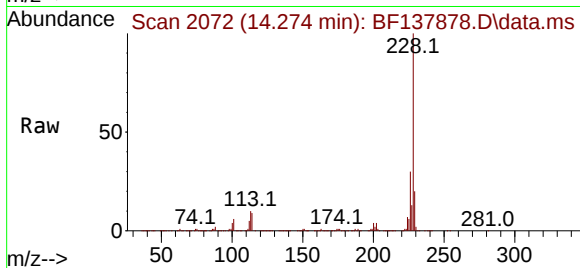
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.777 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

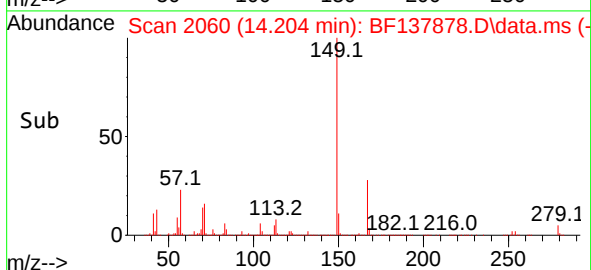
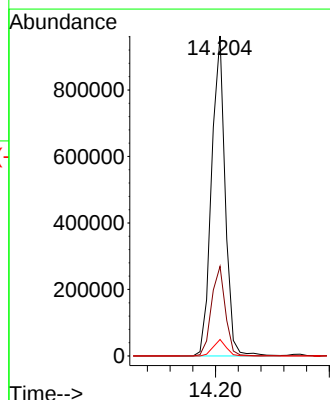
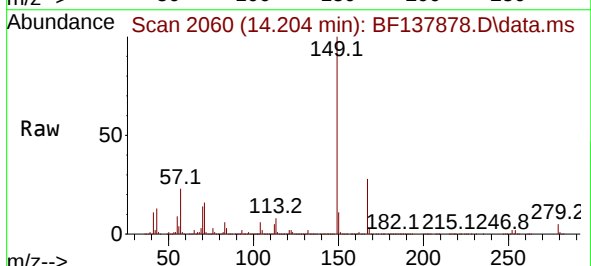
Tgt Ion:149 Resp: 800476

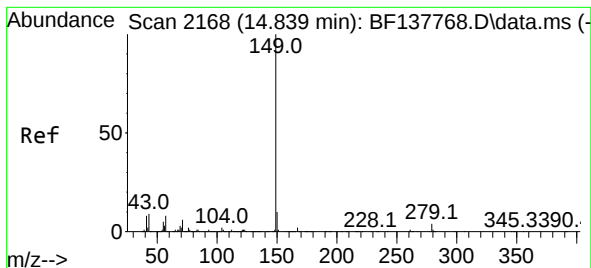
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 5.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.775 ng

RT: 14.833 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BF137878.D

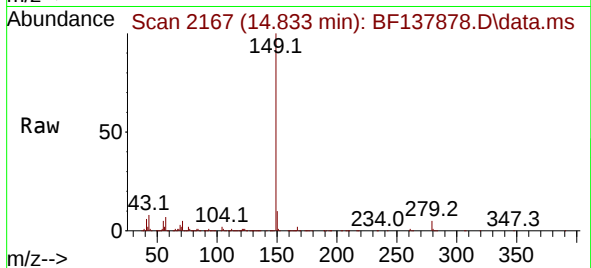
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:149 Resp: 1057228

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

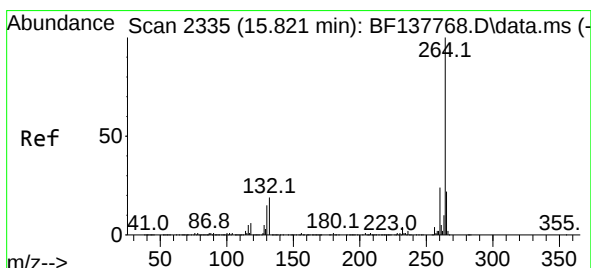
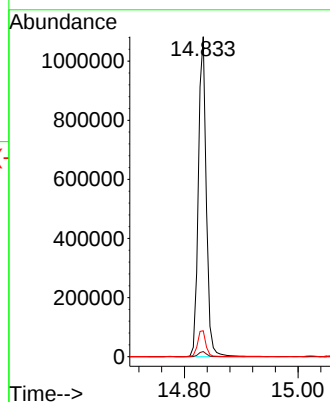
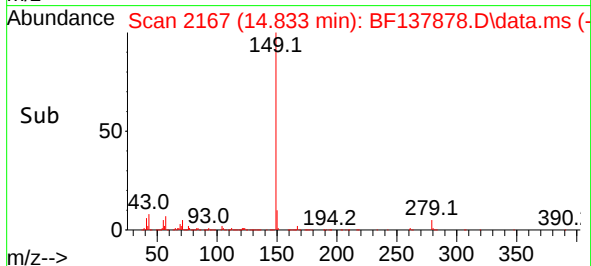
43 8.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

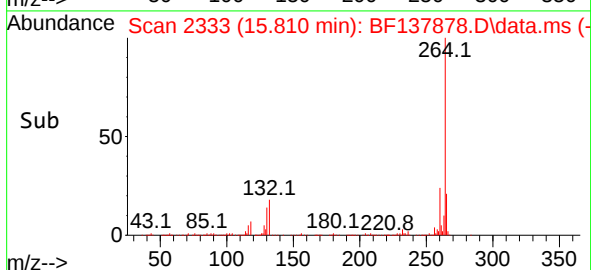
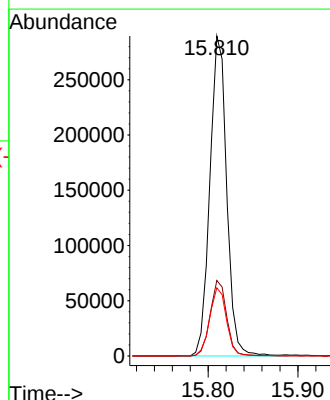
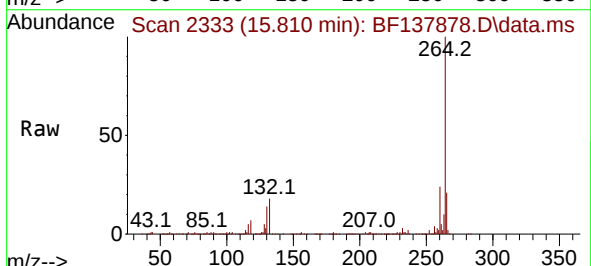
Tgt Ion:264 Resp: 376902

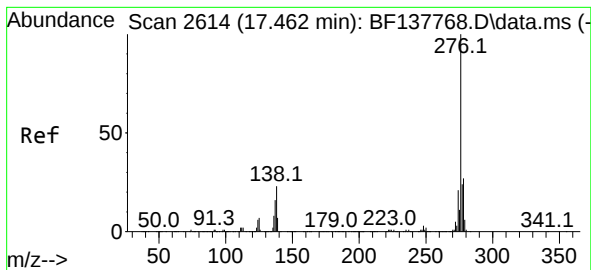
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.681 ng

RT: 17.451 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:276 Resp: 106457

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.0

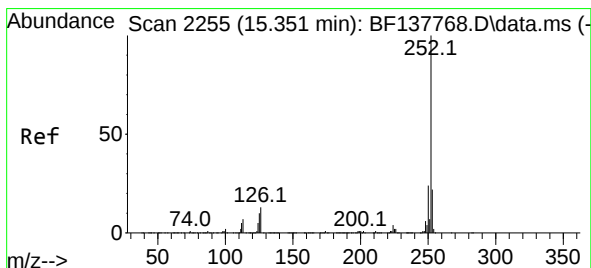
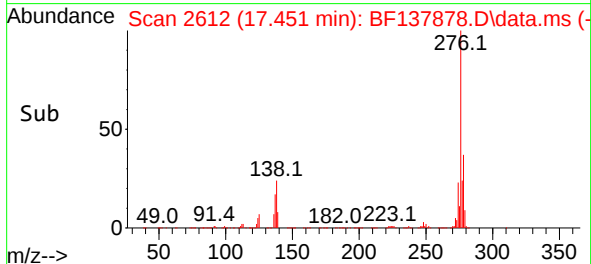
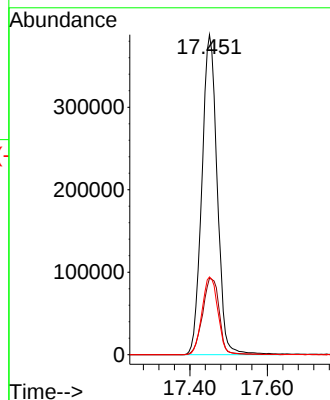
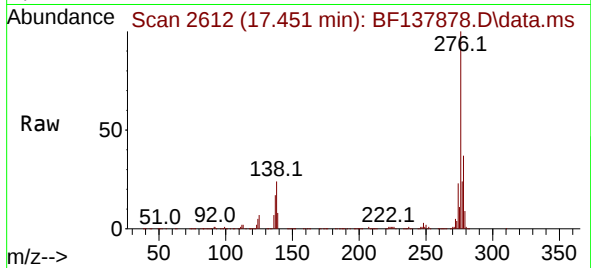
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#88

Benzo(b)fluoranthene

Concen: 44.444 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

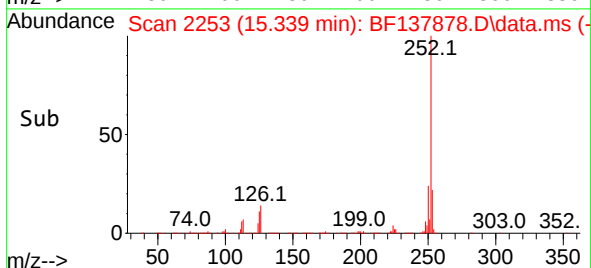
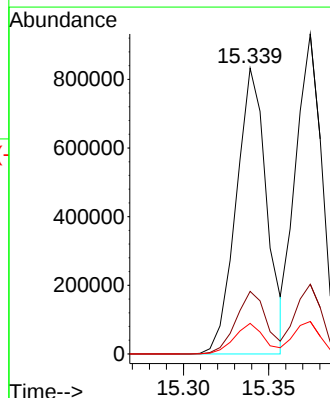
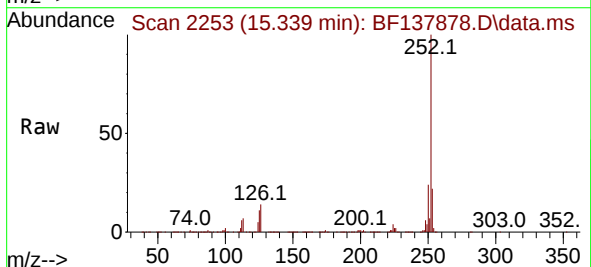
Tgt Ion:252 Resp: 1042204

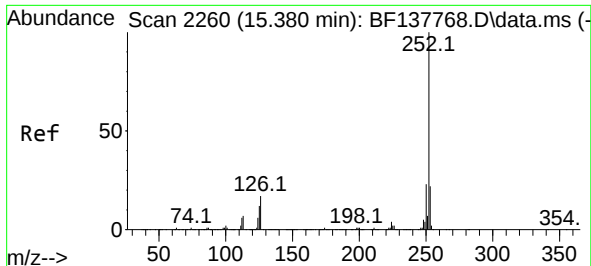
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.7 7.9 11.9





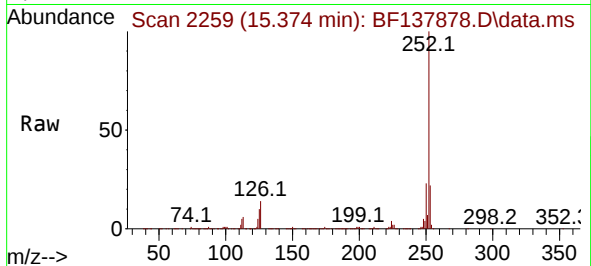
#89
Benzo(k)fluoranthene
Concen: 44.969 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS



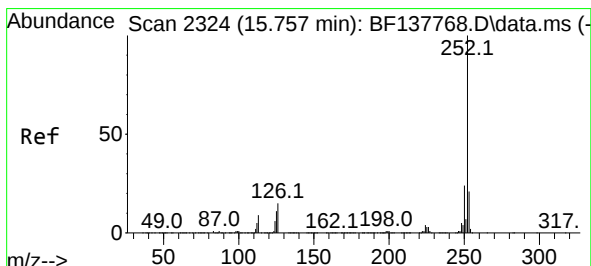
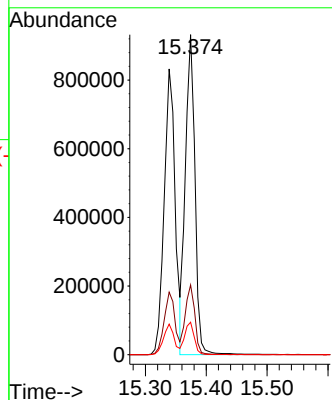
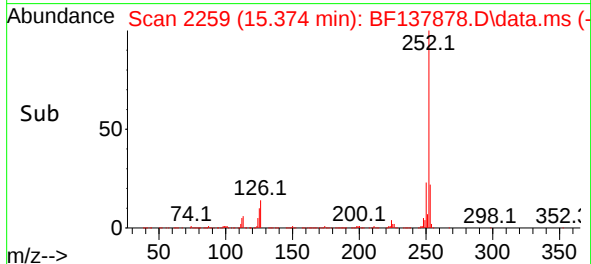
Tgt Ion:252 Resp: 1019224
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 9.0 13.4

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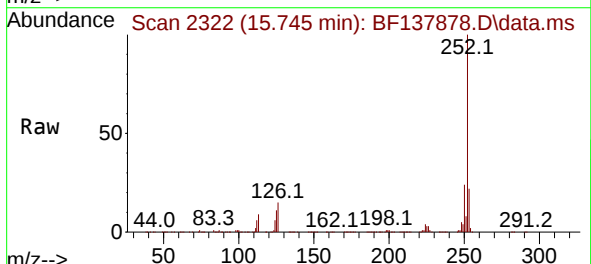
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

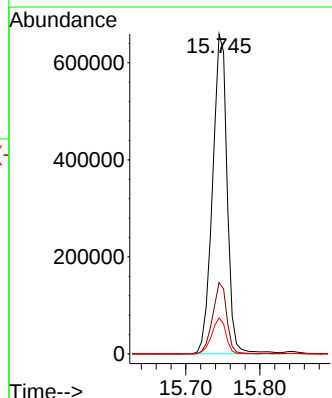
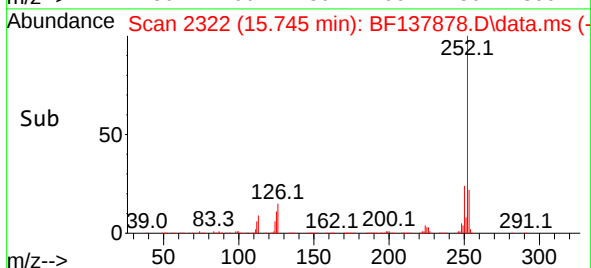
Supervised By :mohammad ahmed 05/13/2024

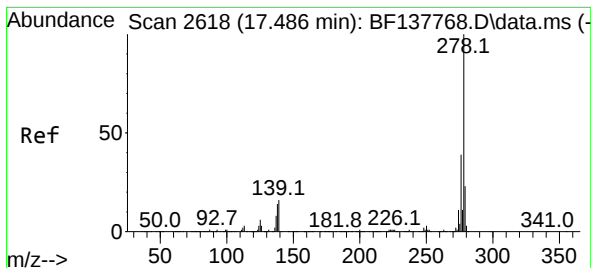


#90
Benzo(a)pyrene
Concen: 47.034 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137878.D
Acq: 10 May 2024 13:33



Tgt Ion:252 Resp: 899817
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.853 ng

RT: 17.468 min Scan# 2615

Delta R.T. -0.018 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:278 Resp: 869528

Ion Ratio Lower Upper

278 100

139 16.6 13.0 19.6

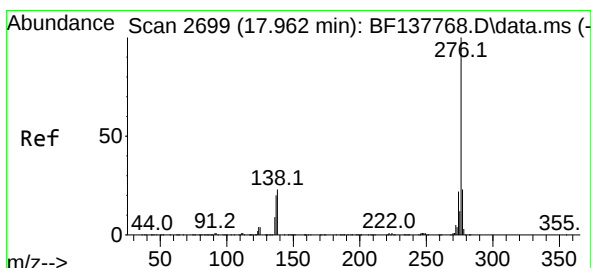
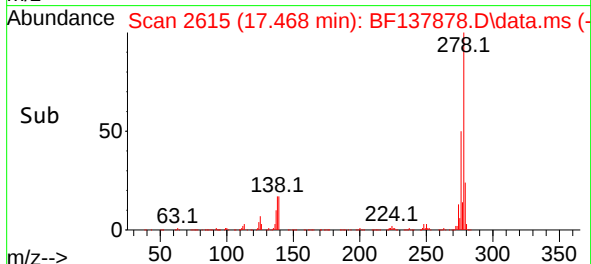
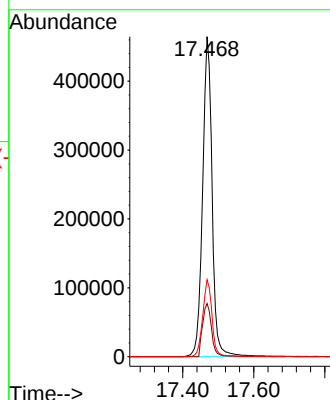
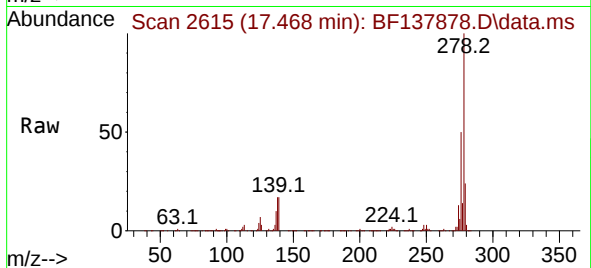
279 24.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#92

Benzo(g,h,i)perylene

Concen: 44.465 ng

RT: 17.951 min Scan# 2697

Delta R.T. -0.012 min

Lab File: BF137878.D

Acq: 10 May 2024 13:33

Tgt Ion:276 Resp: 813011

Ion Ratio Lower Upper

276 100

277 23.2 18.0 27.0

138 22.3 18.1 27.1

