

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137882.D
 Acq On : 10 May 2024 15:47
 Operator : CG\JU
 Sample : PB160799BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160779BS

Manual Integrations
 APPROVED

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

Quant Time: May 11 00:36:22 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	165287	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	673221	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	382267	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	671326	20.000	ng	0.00
76) Chrysene-d12	14.245	240	409629	20.000	ng	0.00
86) Perylene-d12	15.810	264	345808	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1230788	124.674	ng	0.01
7) Phenol-d6	6.669	99	1525955	121.864	ng	0.00
23) Nitrobenzene-d5	7.616	82	936968	80.859	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	504590	129.281	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1954384	82.945	ng	-0.01
79) Terphenyl-d14	13.180	244	2265650	92.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	155343	34.944	ng	99
3) Pyridine	3.810	79	390740	36.317	ng	98
4) n-Nitrosodimethylamine	3.781	42	190922	39.407	ng	95
6) Aniline	6.710	93	398283m	32.091	ng	
8) 2-Chlorophenol	6.834	128	484674	45.050	ng	99
9) Benzaldehyde	6.604	77	204136	30.272	ng	98
10) Phenol	6.681	94	544108	42.407	ng	96
11) bis(2-Chloroethyl)ether	6.781	93	425760	42.379	ng	99
12) 1,3-Dichlorobenzene	6.992	146	513787	42.350	ng	98
13) 1,4-Dichlorobenzene	7.069	146	516007	42.388	ng	99
14) 1,2-Dichlorobenzene	7.222	146	492922	42.991	ng	100
15) Benzyl Alcohol	7.187	79	383980	44.343	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	545373	38.621	ng	96
17) 2-Methylphenol	7.292	107	389804	44.903	ng	97
18) Hexachloroethane	7.563	117	177375	43.101	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	310030	41.430	ng	96
20) 3+4-Methylphenols	7.439	107	489498	42.859	ng	94
22) Acetophenone	7.457	105	639924	42.264	ng	98
24) Nitrobenzene	7.634	77	472461	39.560	ng	96
25) Isophorone	7.869	82	859483	41.138	ng	98
26) 2-Nitrophenol	7.945	139	263135	48.655	ng	90
27) 2,4-Dimethylphenol	7.975	122	354108	45.480	ng	97
28) bis(2-Chloroethoxy)met...	8.075	93	516864	40.859	ng	100
29) 2,4-Dichlorophenol	8.186	162	411988	43.778	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	433453	42.250	ng	99
31) Naphthalene	8.357	128	1401727	41.897	ng	100
32) Benzoic acid	8.092	122	288906	43.011	ng	96
33) 4-Chloroaniline	8.398	127	191875	15.466	ng	99
34) Hexachlorobutadiene	8.469	225	264670	42.020	ng	99
35) Caprolactam	8.775	113	131884m	44.230	ng	
36) 4-Chloro-3-methylphenol	8.875	107	426932	43.502	ng	95
37) 2-Methylnaphthalene	9.051	142	919098	42.440	ng	99
38) 1-Methylnaphthalene	9.151	142	847604	39.782	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	437445	43.206	ng	99
41) Hexachlorocyclopentadiene	9.198	237	480388	116.816	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	297231	43.128	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	316970	41.652	ng	98
46) 1,1'-Biphenyl	9.516	154	1119822	42.685	ng	99
47) 2-Chloronaphthalene	9.545	162	866927	40.931	ng	100
48) 2-Nitroaniline	9.633	65	250632	43.632	ng	98
49) Acenaphthylene	9.963	152	1379204	45.015	ng	99
50) Dimethylphthalate	9.810	163	1048708	43.457	ng	100
51) 2,6-Dinitrotoluene	9.875	165	236597	42.901	ng	100
52) Acenaphthene	10.133	154	933428	45.962	ng	99
53) 3-Nitroaniline	10.045	138	164089	28.412	ng	95
54) 2,4-Dinitrophenol	10.151	184	257455	95.008	ng	90
55) Dibenzofuran	10.310	168	1252364	42.376	ng	97
56) 4-Nitrophenol	10.204	139	381153	79.629	ng	97
57) 2,4-Dinitrotoluene	10.286	165	326695	45.343	ng	# 86
58) Fluorene	10.651	166	982385	41.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.422	232	267806	43.347	ng	98
60) Diethylphthalate	10.516	149	982672	42.875	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	481470	41.545	ng	99
62) 4-Nitroaniline	10.669	138	238847	40.773	ng	96
63) Azobenzene	10.798	77	906560	40.925	ng	98
65) 4,6-Dinitro-2-methylph...	10.692	198	176166	45.720	ng	88
66) n-Nitrosodiphenylamine	10.757	169	864867	43.038	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	307246	42.764	ng	99
68) Hexachlorobenzene	11.198	284	331491	42.220	ng	98
69) Atrazine	11.280	200	293662	47.927	ng	99
70) Pentachlorophenol	11.392	266	410805	76.211	ng	100
71) Phenanthrene	11.622	178	1398770	42.748	ng	100
72) Anthracene	11.675	178	1434853	44.071	ng	100
73) Carbazole	11.822	167	1303197	41.533	ng	99
74) Di-n-butylphthalate	12.139	149	1513972	44.232	ng	99
75) Fluoranthene	12.816	202	1457628	40.752	ng	98
77) Benzidine	12.927	184	320428	33.823	ng	99
78) Pyrene	13.045	202	1488539	45.831	ng	99
80) Butylbenzylphthalate	13.651	149	548165	53.195	ng	99
81) Benzo(a)anthracene	14.233	228	1171008	44.696	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	255463	32.571	ng	99
83) Chrysene	14.274	228	1079165	43.991	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	704583	54.253	ng	99
85) Di-n-octyl phthalate	14.833	149	966567	55.301	ng	97
87) Indeno(1,2,3-cd)pyrene	17.451	276	952207	48.433	ng	99
88) Benzo(b)fluoranthene	15.339	252	930796	43.262	ng	99
89) Benzo(k)fluoranthene	15.374	252	908044	43.666	ng	99
90) Benzo(a)pyrene	15.745	252	826477	47.085	ng	99
91) Dibenzo(a,h)anthracene	17.468	278	773761	48.351	ng	100
92) Benzo(g,h,i)perylene	17.951	276	723783	43.144	ng	97

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

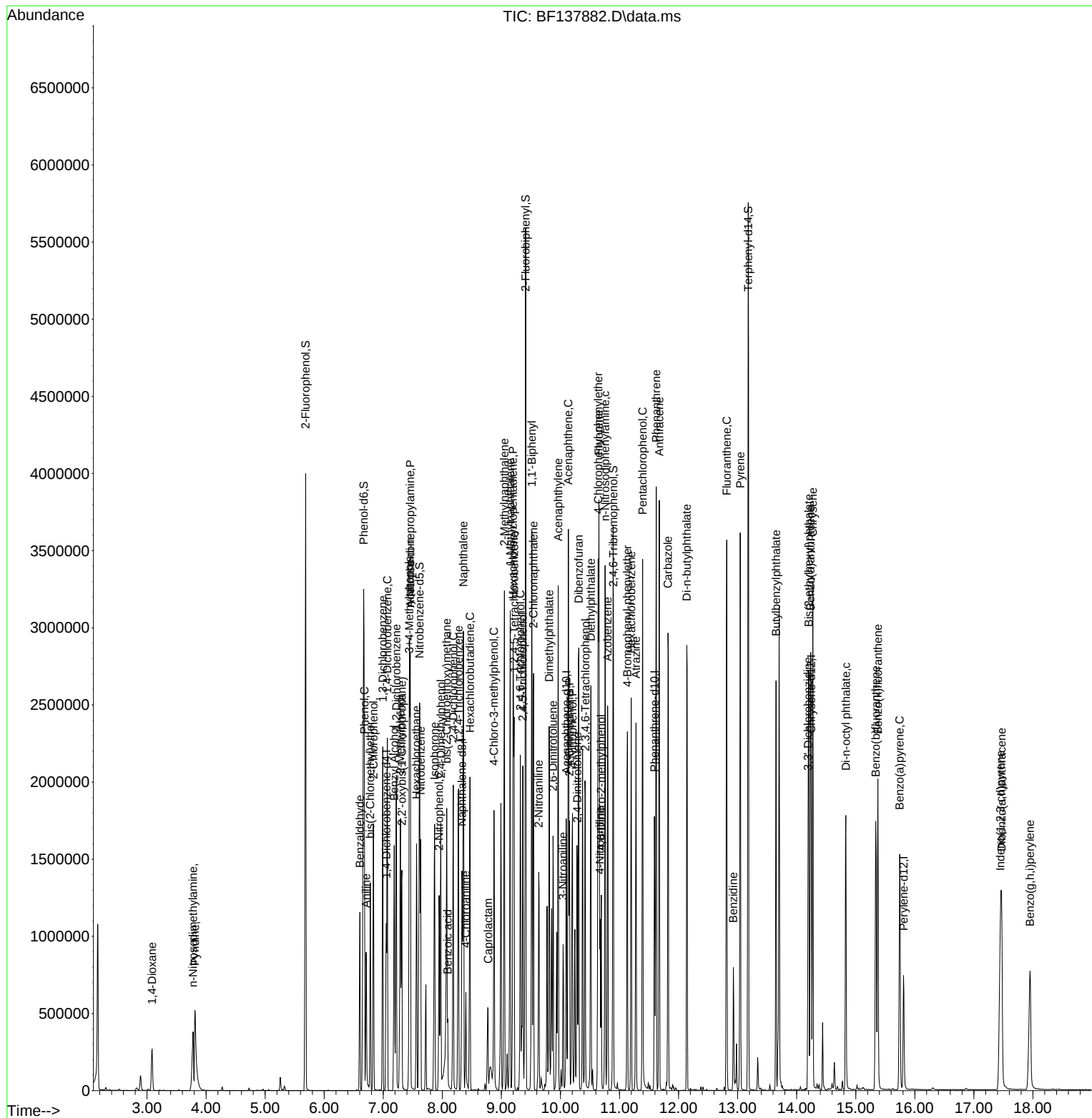
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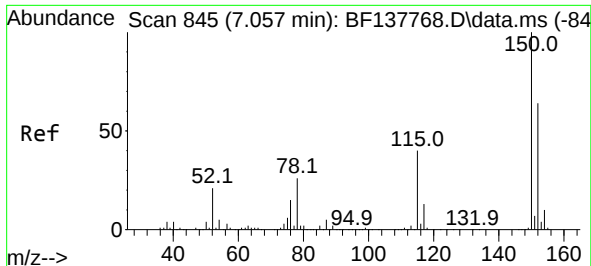
Instrument :
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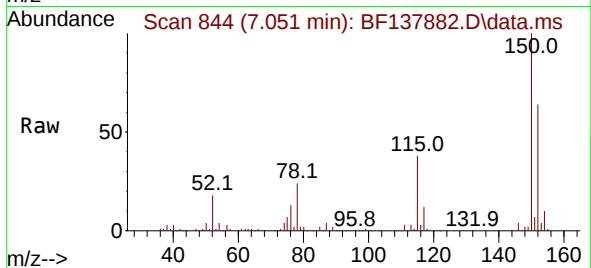
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

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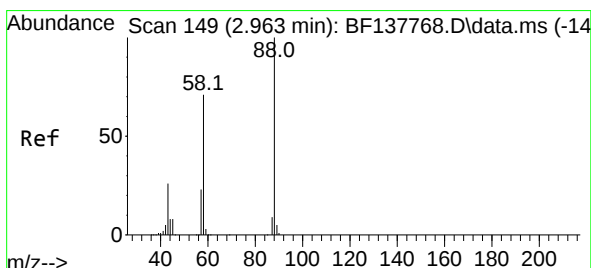
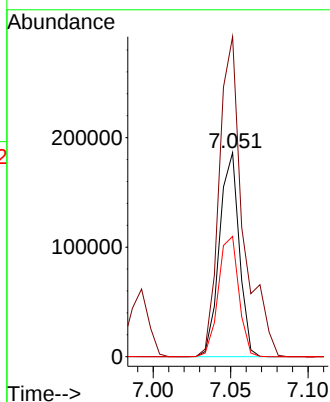
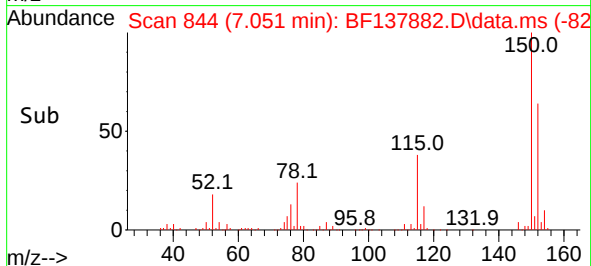
Tgt Ion:152 Resp: 16528
Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 59.0 49.1 73.7

Manual Integrations

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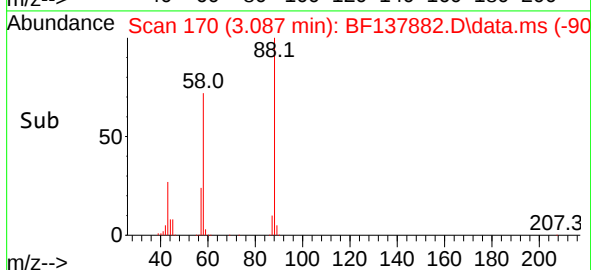
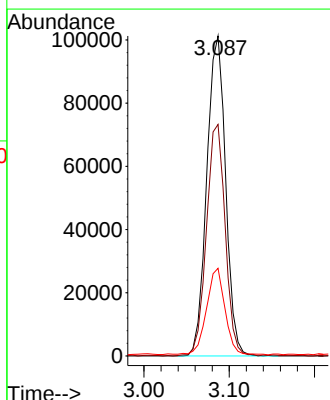
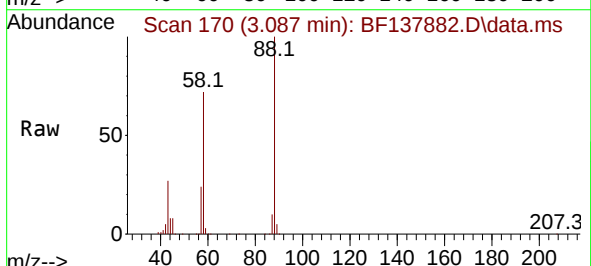
Reviewed By :Yogesh Patel 05/13/2024

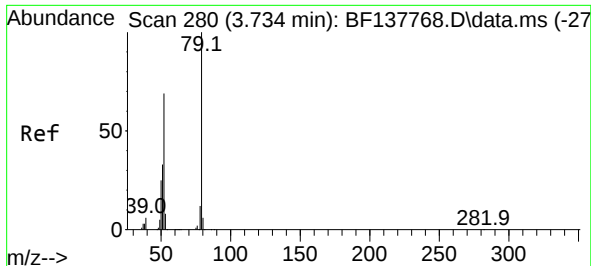
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 34.944 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.123 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion: 88 Resp: 155343
Ion Ratio Lower Upper
88 100
58 72.2 58.8 88.2
43 26.7 21.4 32.0





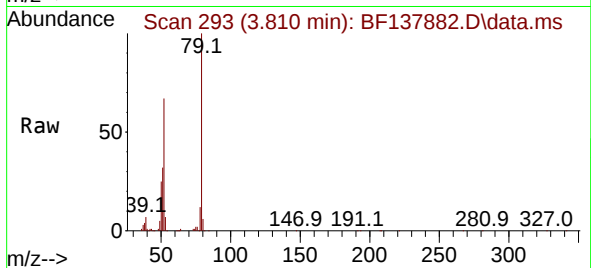
#3
Pyridine
Concen: 36.317 ng
RT: 3.810 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

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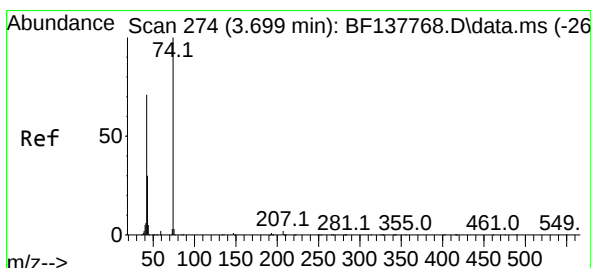
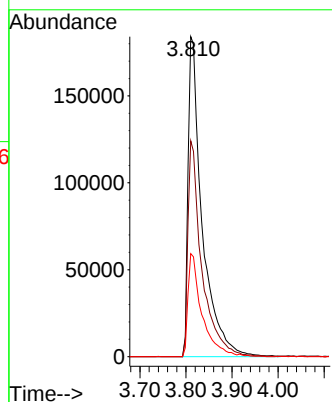
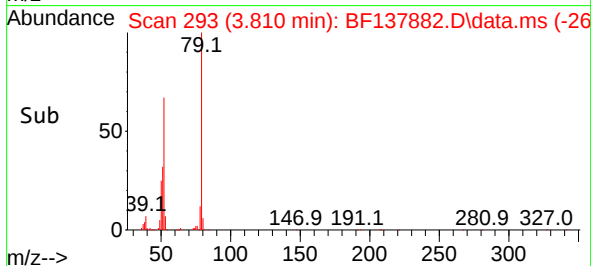
Tgt Ion: 79 Resp: 390740
Ion Ratio Lower Upper
79 100
52 67.4 55.5 83.3
51 32.2 26.9 40.3

Manual Integrations

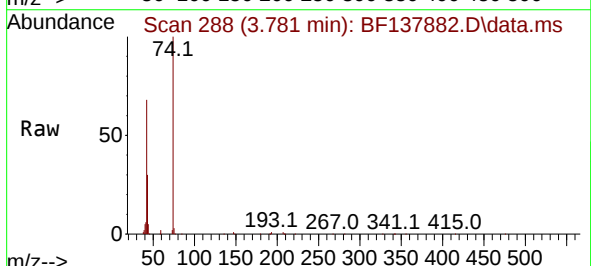
APPROVED

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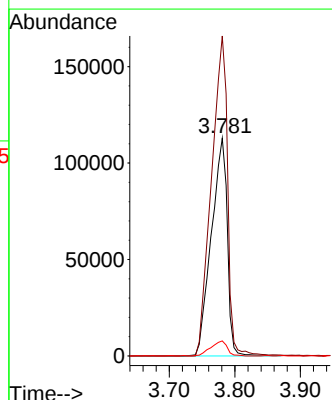
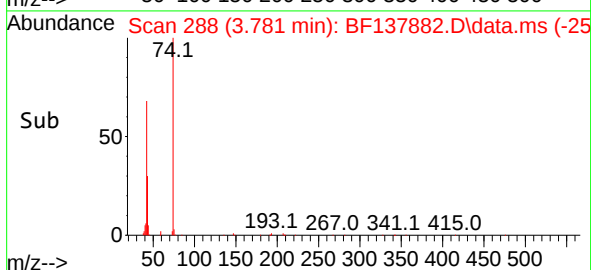
Supervised By :mohammad ahmed 05/13/2024

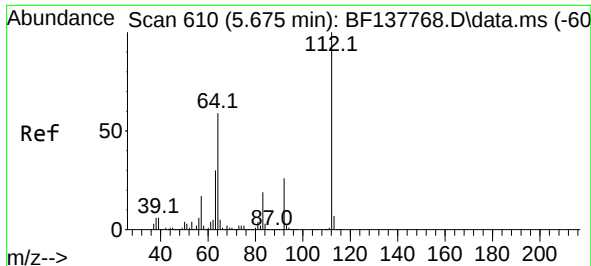


#4
n-Nitrosodimethylamine
Concen: 39.407 ng
RT: 3.781 min Scan# 288
Delta R.T. 0.082 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion: 42 Resp: 190922
Ion Ratio Lower Upper
42 100
74 146.9 112.9 169.3
44 6.9 5.6 8.4





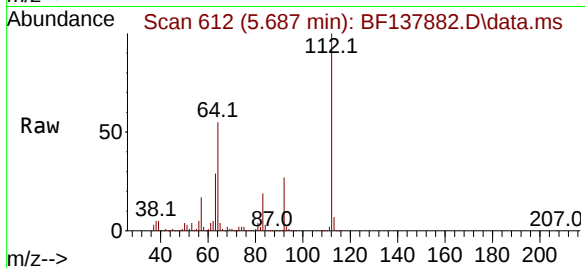
#5
2-Fluorophenol
Concen: 124.674 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

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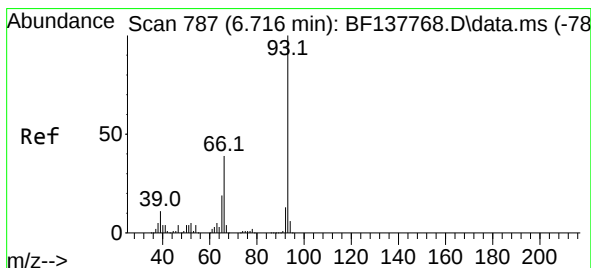
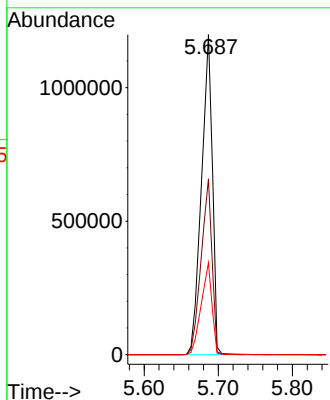
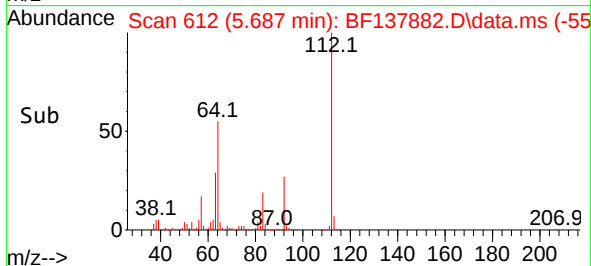
Tgt Ion:112 Resp: 1230788
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 28.8 23.7 35.5

Manual Integrations

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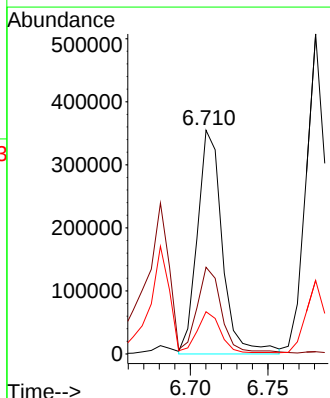
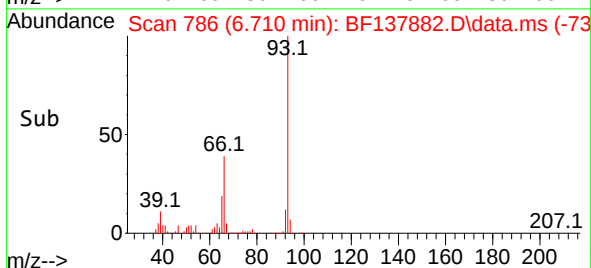
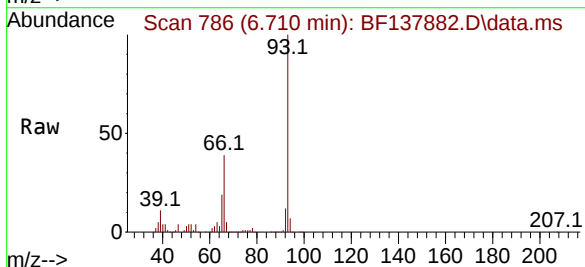
Reviewed By :Yogesh Patel 05/13/2024

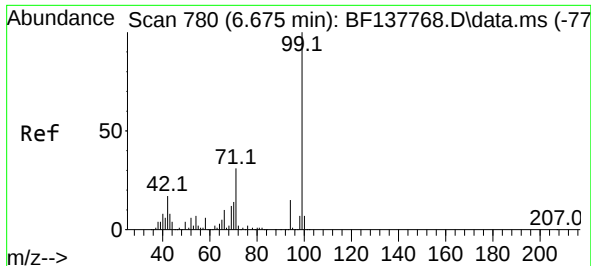
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 32.091 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

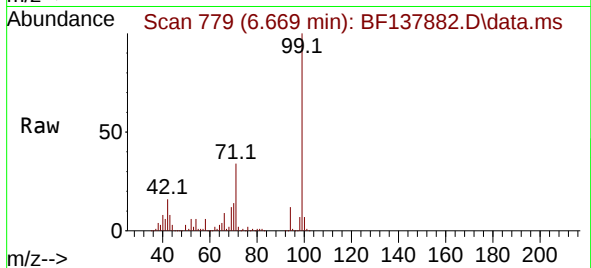
Tgt Ion: 93 Resp: 398283
Ion Ratio Lower Upper
93 100
66 38.8 31.8 47.6
65 18.9 15.4 23.2





#7
Phenol-d6
Concen: 121.864 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137882.D
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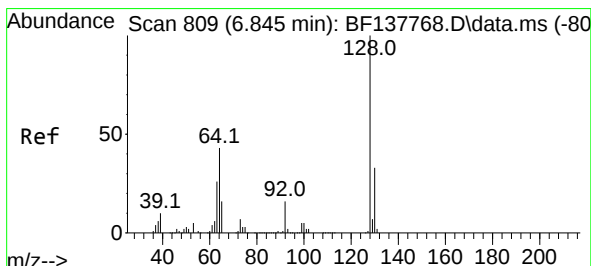
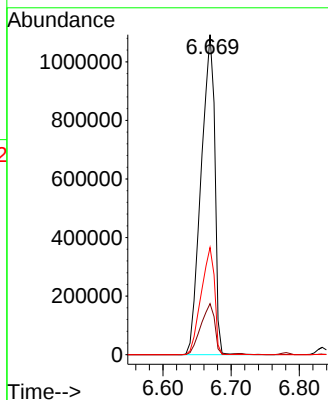
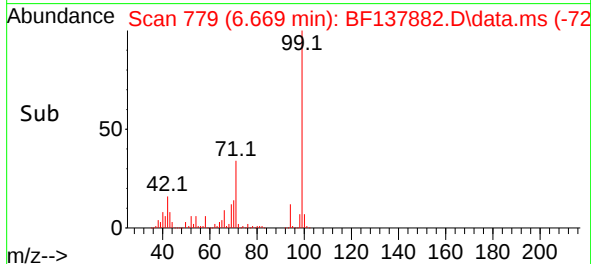
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Tgt Ion: 99 Resp: 152595
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 33.5 25.0 37.4

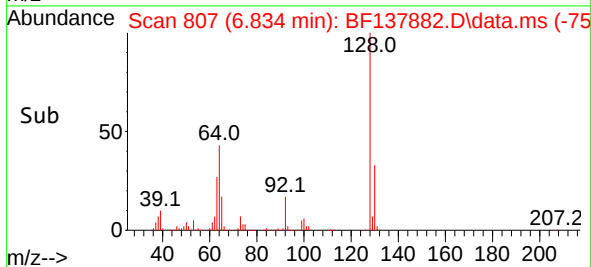
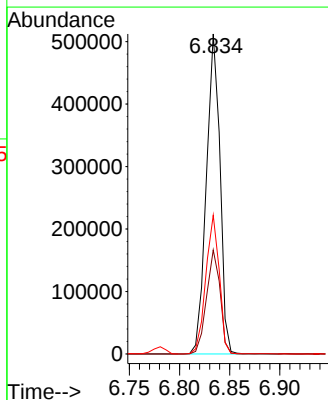
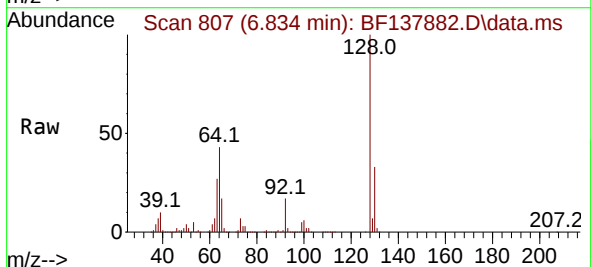
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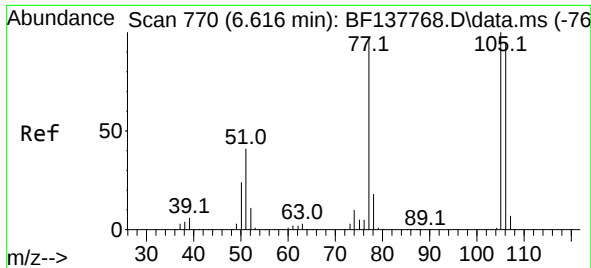
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
2-Chlorophenol
Concen: 45.050 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:128 Resp: 484674
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 43.3 23.9 63.9





#9

Benzaldehyde

Concen: 30.272 ng

RT: 6.604 min Scan# 770

Delta R.T. -0.012 min

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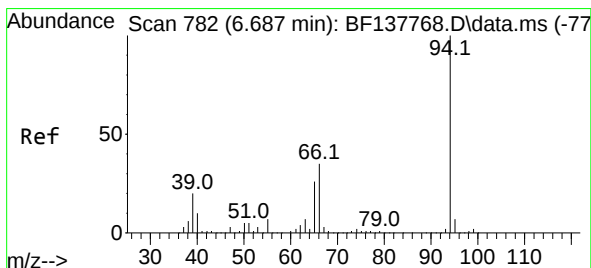
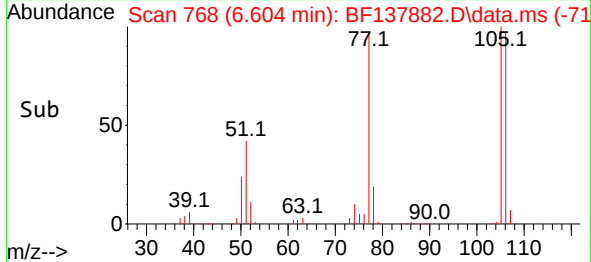
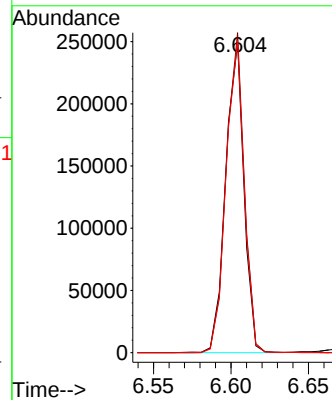
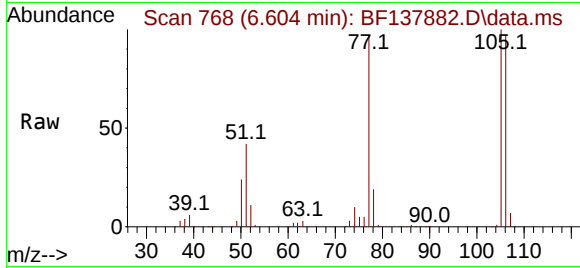
Tgt Ion: 77	Resp: 204130
Ion Ratio	Lower Upper
77 100	
105 103.4	83.2 123.2
106 100.8	77.7 117.7

Manual Integrations

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#10

Phenol

Concen: 42.407 ng

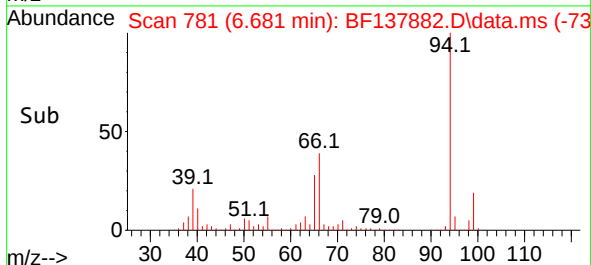
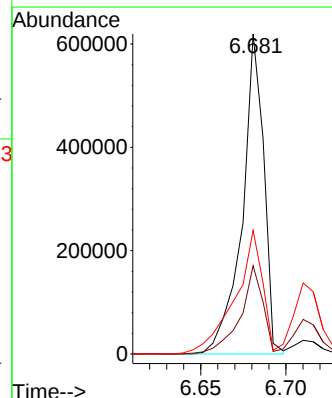
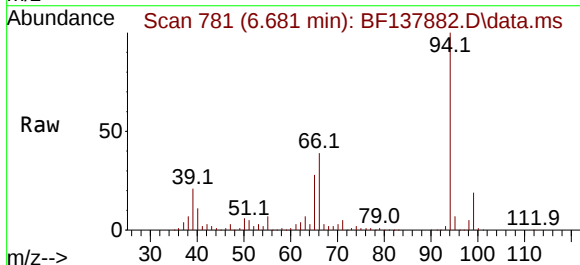
RT: 6.681 min Scan# 781

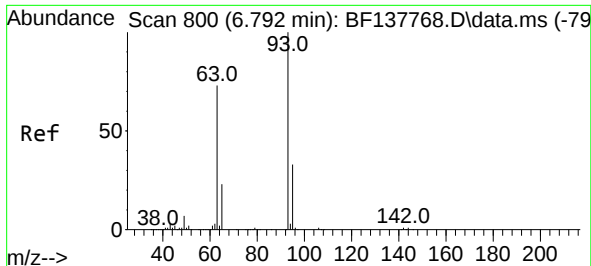
Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

Tgt Ion: 94	Resp: 544108
Ion Ratio	Lower Upper
94 100	
65 27.6	6.4 46.4
66 38.6	15.4 55.4





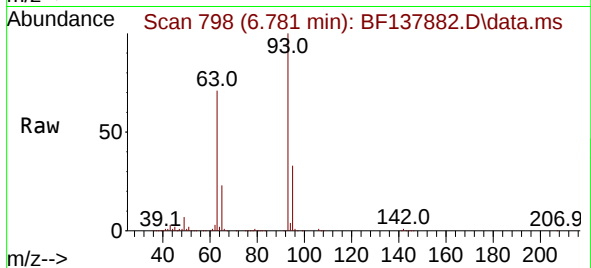
#11
bis(2-Chloroethyl)ether
Concen: 42.379 ng
RT: 6.781 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

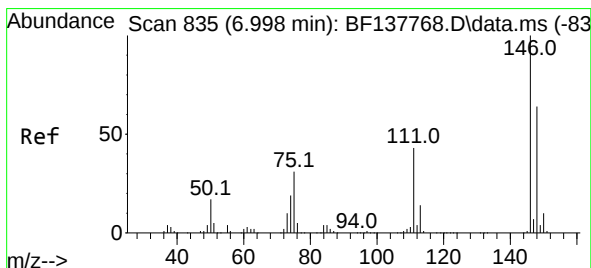
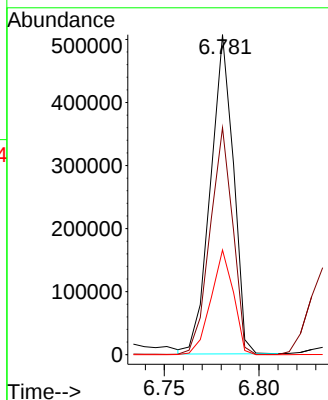
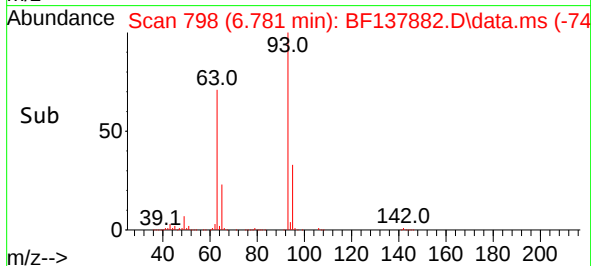
PB160779BS



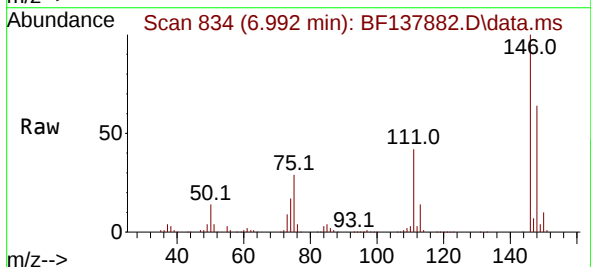
Tgt Ion: 93 Resp: 425760
Ion Ratio Lower Upper
93 100
63 70.9 51.6 91.6
95 32.7 12.1 52.1

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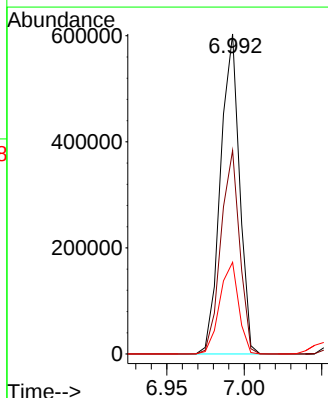
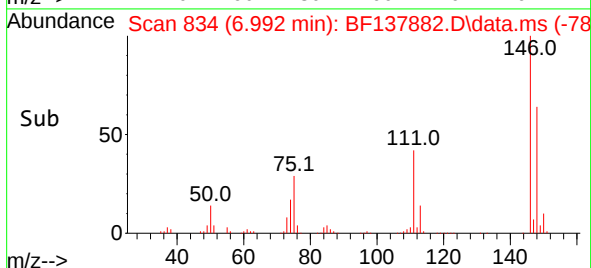
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

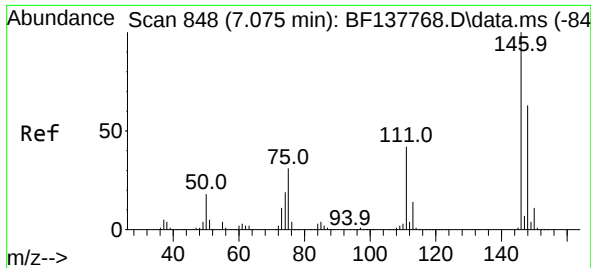


#12
1,3-Dichlorobenzene
Concen: 42.350 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:146 Resp: 513787
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 28.6 25.1 37.7





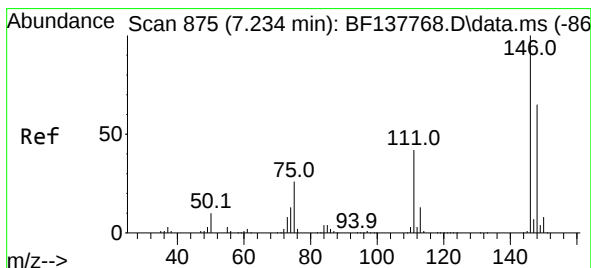
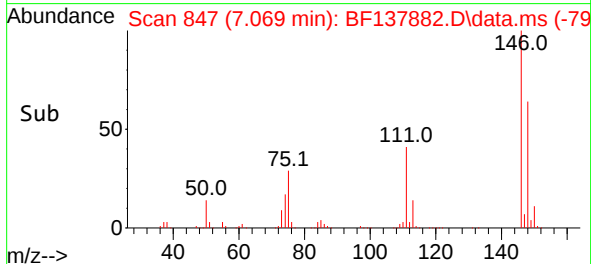
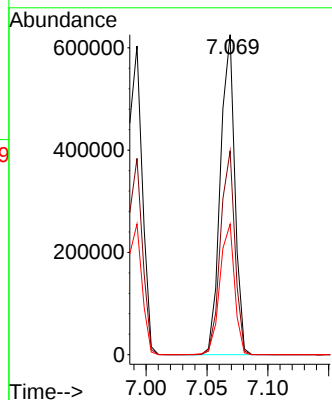
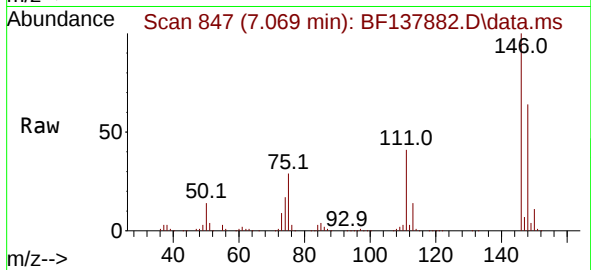
#13
1,4-Dichlorobenzene
Concen: 42.388 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB160779BS

Tgt Ion:146 Resp: 51600
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
111 40.8 33.8 50.8

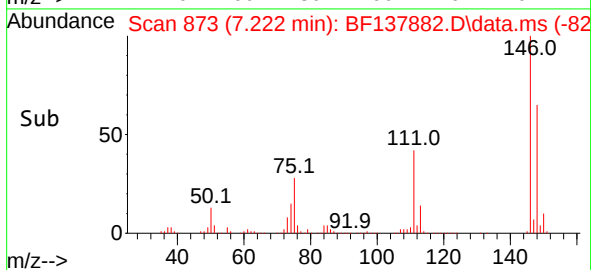
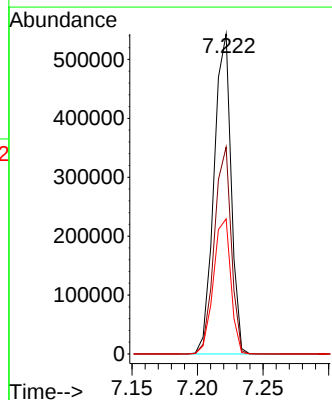
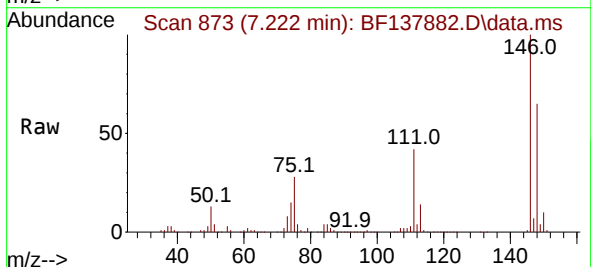
Manual Integrations
APPROVED

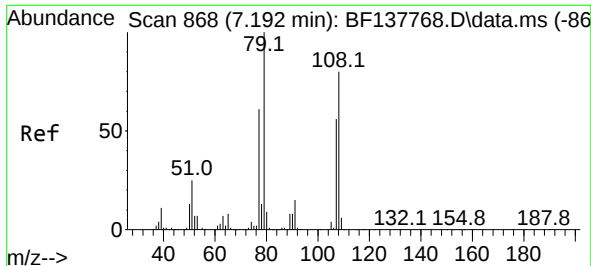
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 42.991 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:146 Resp: 492922
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
111 42.2 33.6 50.4





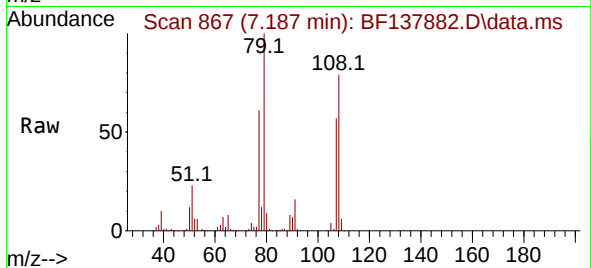
#15
Benzyl Alcohol
Concen: 44.343 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

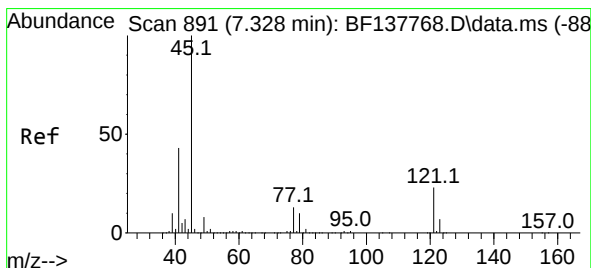
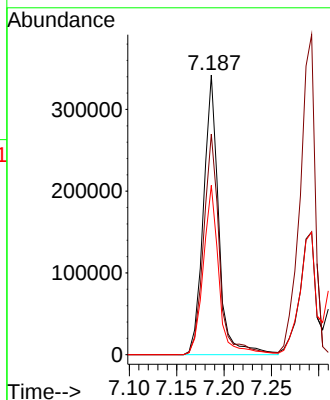
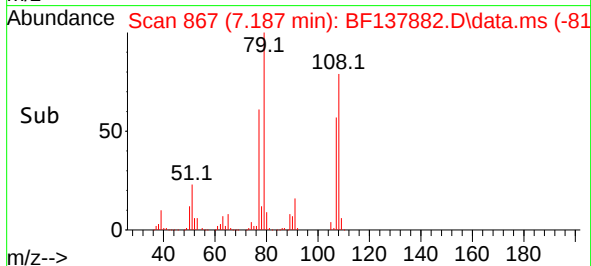
PB160779BS



Tgt Ion: 79 Resp: 383980
Ion Ratio Lower Upper
79 100
108 78.9 64.2 96.2
77 60.5 48.5 72.7

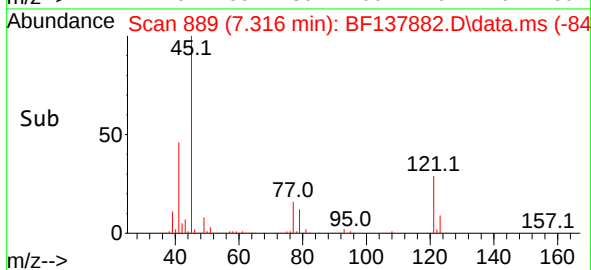
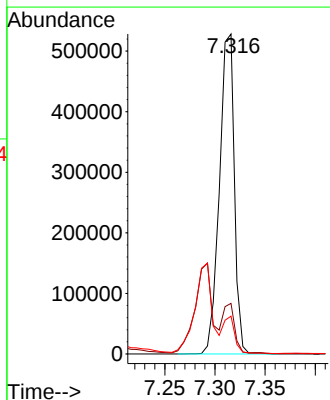
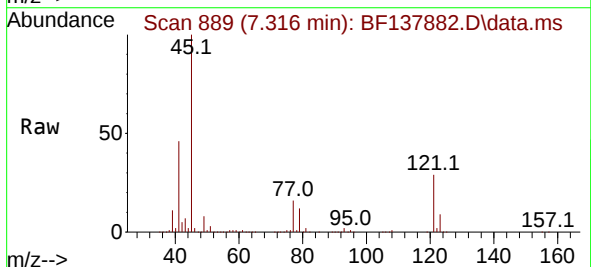
Manual Integrations
APPROVED

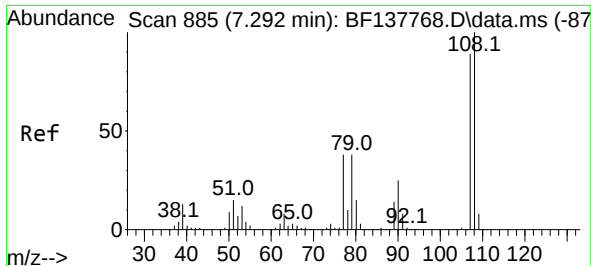
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.621 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion: 45 Resp: 545373
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.8
79 11.8 0.0 31.0





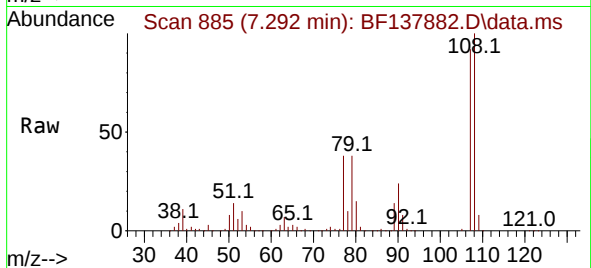
#17
2-Methylphenol
Concen: 44.903 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

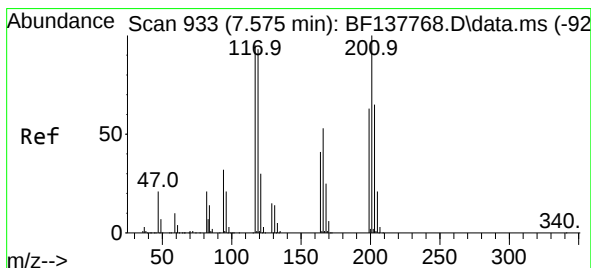
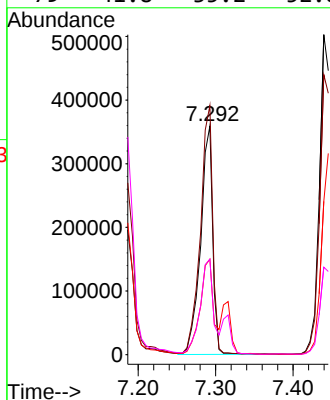
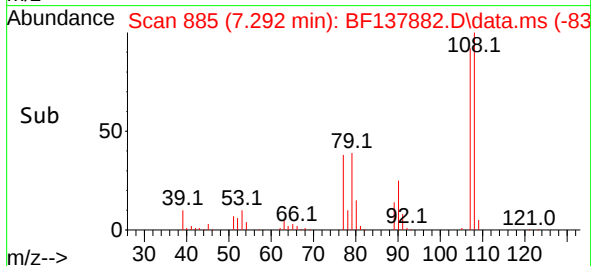


Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.0	90.5	135.7
77	41.8	34.5	51.7
79	41.8	35.2	52.8

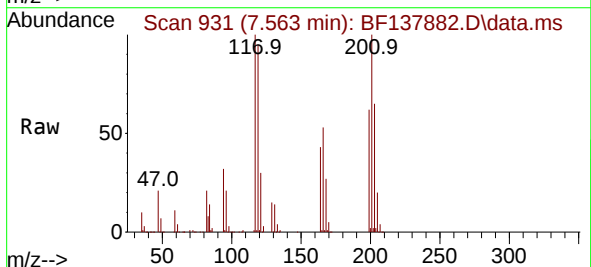
Manual Integrations

APPROVED

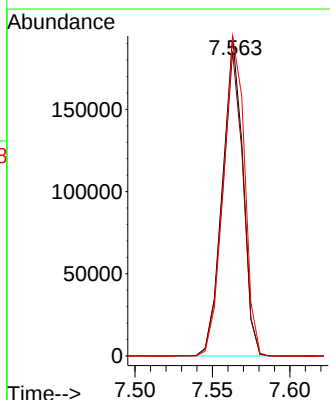
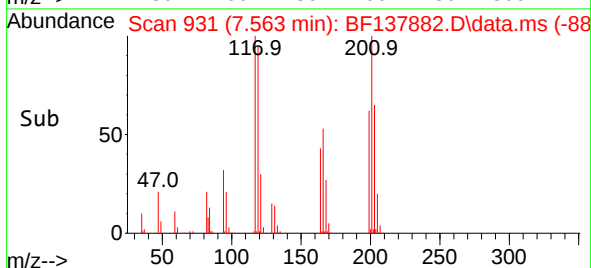
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

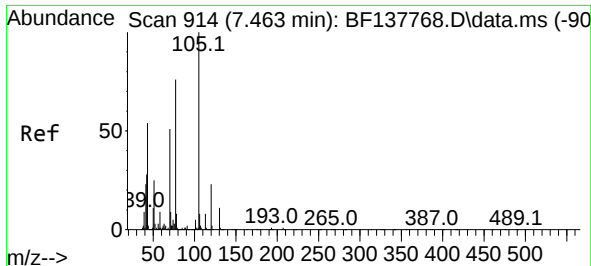


#18
Hexachloroethane
Concen: 43.101 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.6	116.4
201	100.0	83.8	125.8





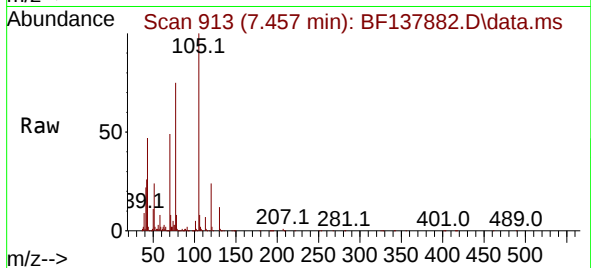
#19
n-Nitroso-di-n-propylamine
Concen: 41.430 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

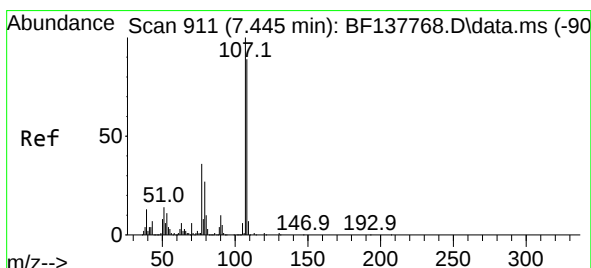
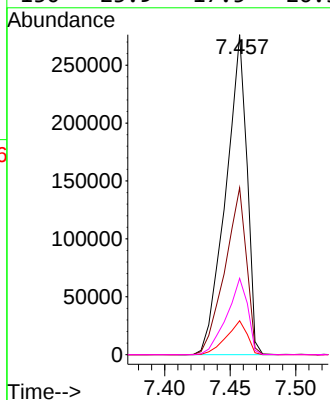
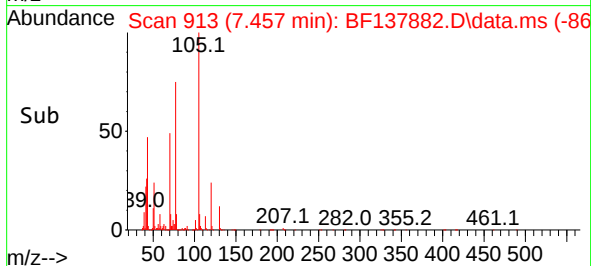


Tgt Ion: 70 Resp: 310030
Ion Ratio Lower Upper
70 100
42 52.2 44.6 66.8
101 10.6 7.8 11.6
130 23.9 17.5 26.3

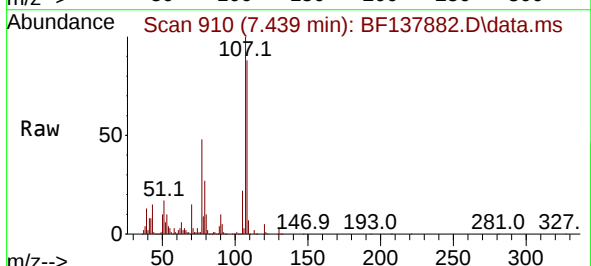
Manual Integrations

APPROVED

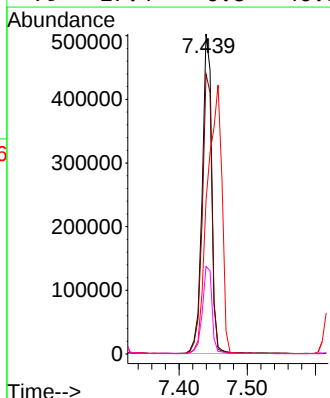
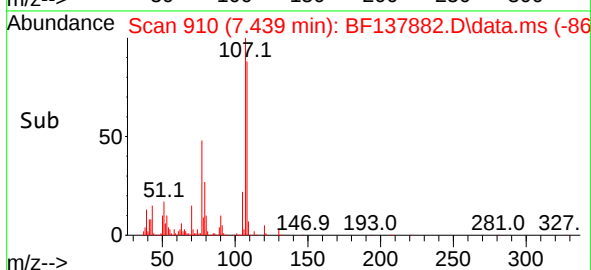
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

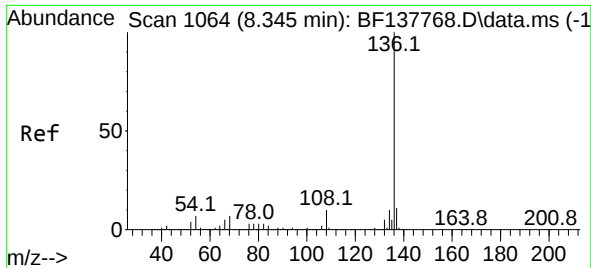


#20
3+4-Methylphenols
Concen: 42.859 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:107 Resp: 489498
Ion Ratio Lower Upper
107 100
108 87.5 69.3 109.3
77 47.9 15.7 55.7
79 27.4 6.8 46.8





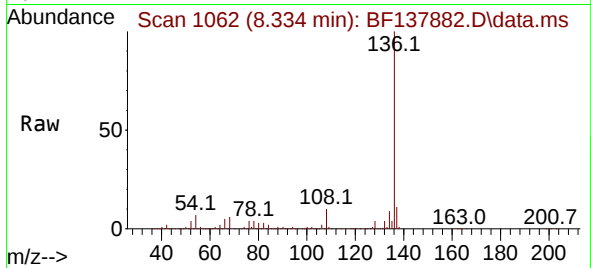
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



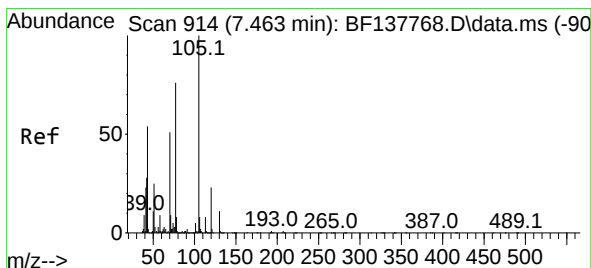
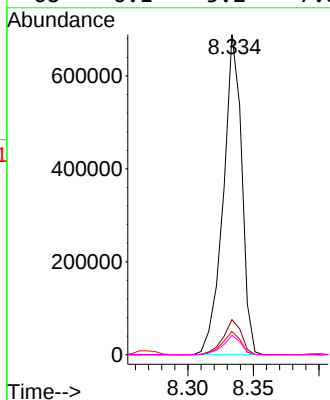
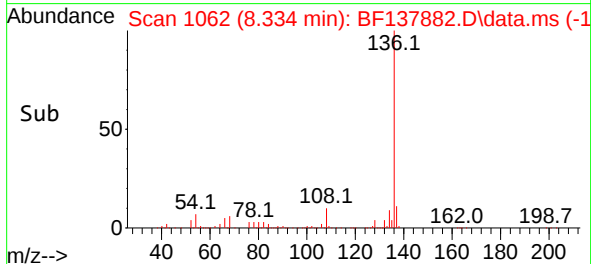
Tgt Ion:136 Resp: 67322
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.8 8.8
68 6.1 5.2 7.8

Manual Integrations

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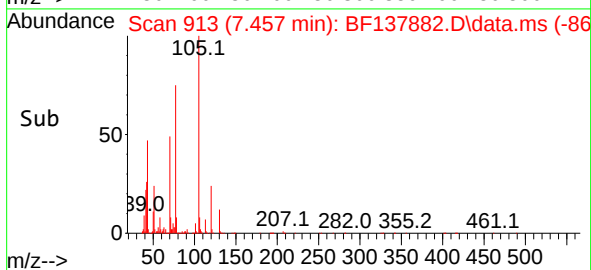
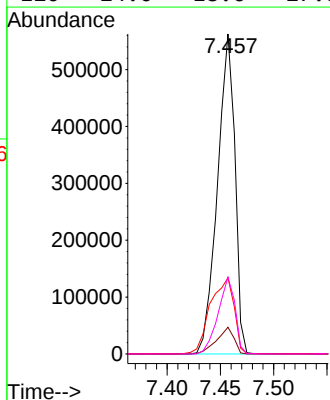
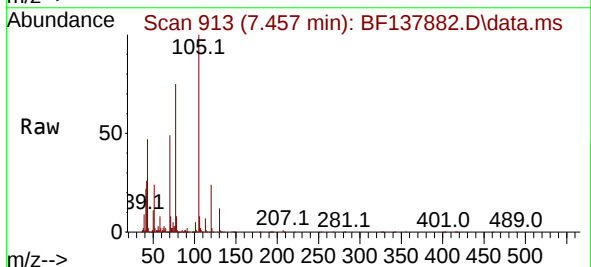
Reviewed By :Yogesh Patel 05/13/2024

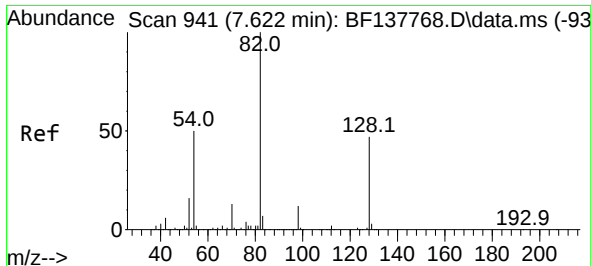
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 42.264 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:105 Resp: 639924
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 23.8 20.2 30.2
120 24.0 18.6 27.8





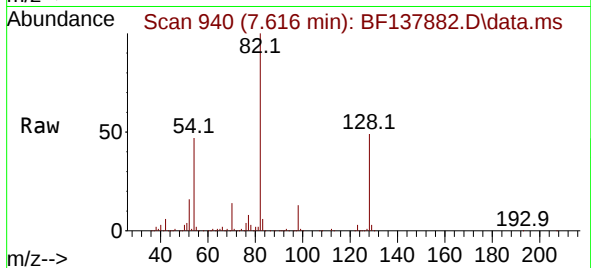
#23
Nitrobenzene-d5
Concen: 80.859 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

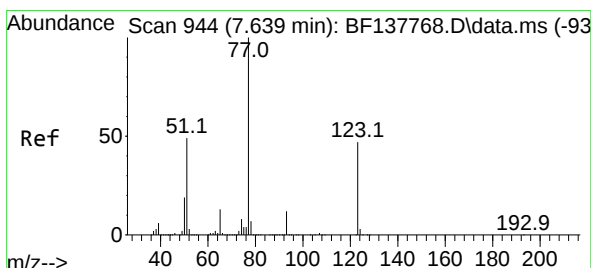
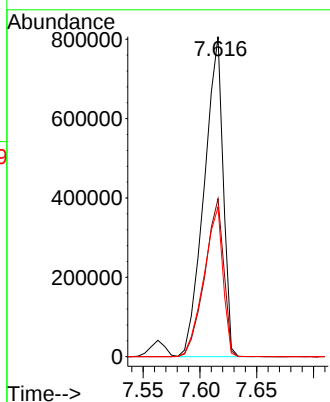
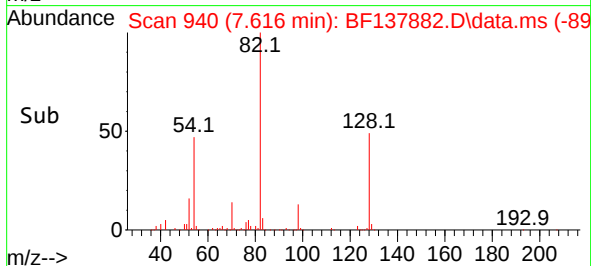


Tgt Ion: 82 Resp: 936968
Ion Ratio Lower Upper
82 100
128 49.4 37.5 56.3
54 46.8 39.8 59.6

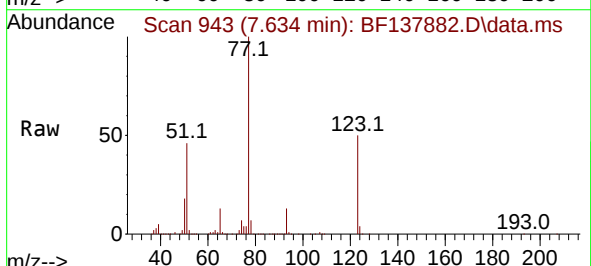
Manual Integrations

APPROVED

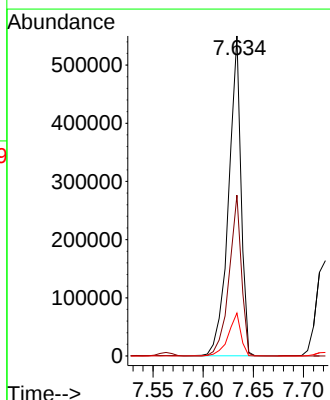
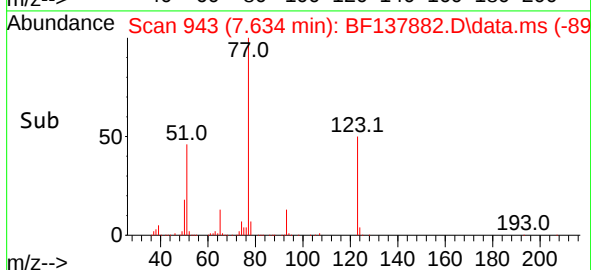
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

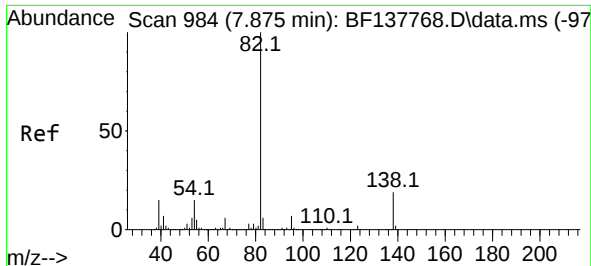


#24
Nitrobenzene
Concen: 39.560 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



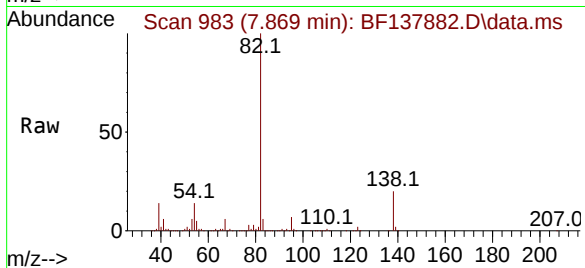
Tgt Ion: 77 Resp: 472461
Ion Ratio Lower Upper
77 100
123 50.3 37.4 56.2
65 13.4 10.7 16.1





#25
Isophorone
Concen: 41.138 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

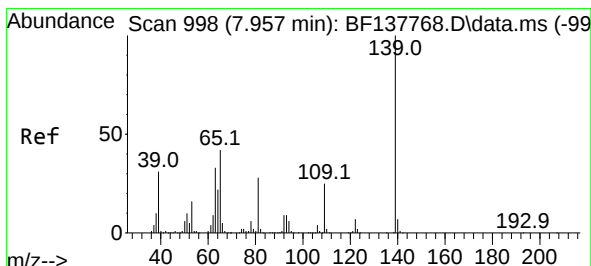
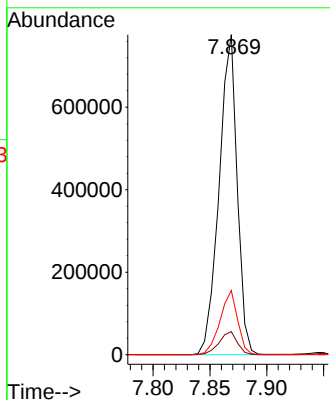
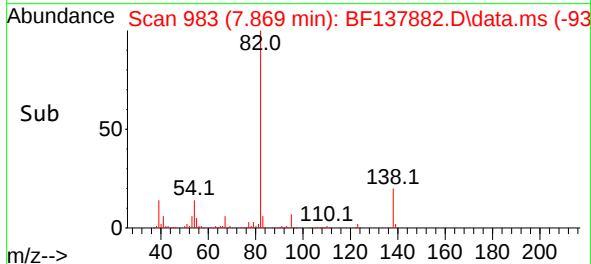
Instrument :
BNA_F
ClientSampleId :
PB160779BS



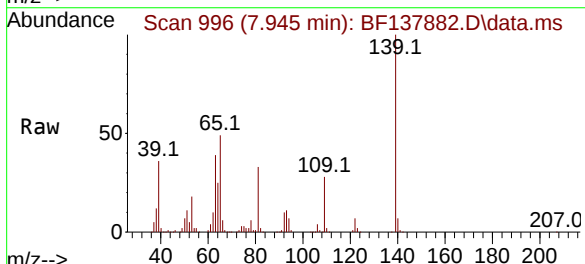
Tgt Ion: 82 Resp: 85948
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 20.0 15.0 22.6

Manual Integrations
APPROVED

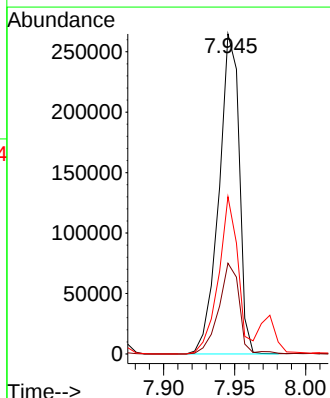
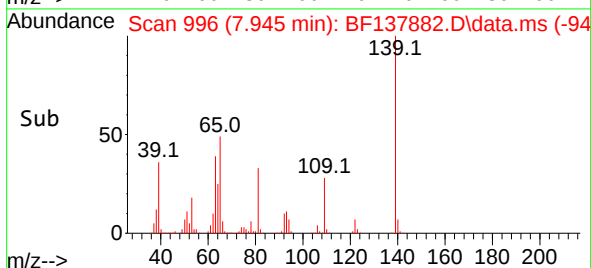
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

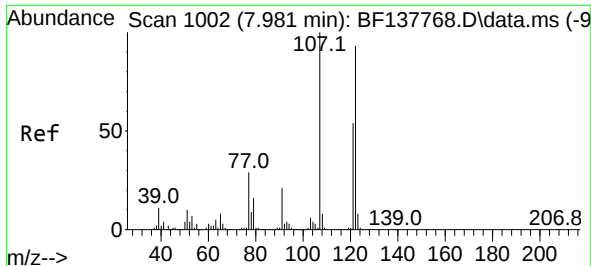


#26
2-Nitrophenol
Concen: 48.655 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:139 Resp: 263135
Ion Ratio Lower Upper
139 100
109 28.4 20.2 30.2
65 49.1 33.4 50.0





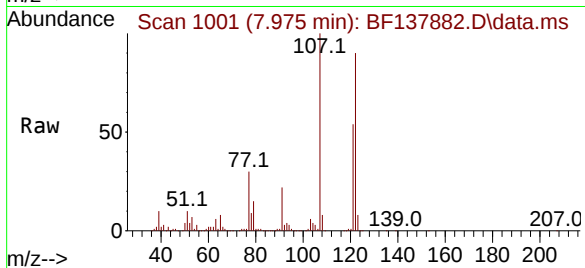
#27
2,4-Dimethylphenol
Concen: 45.480 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



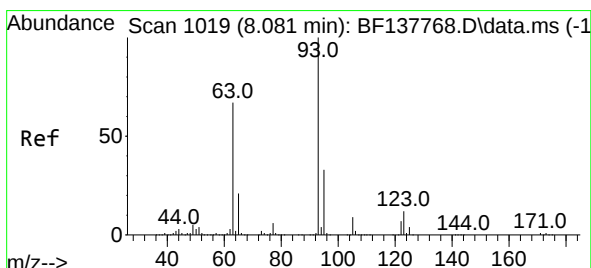
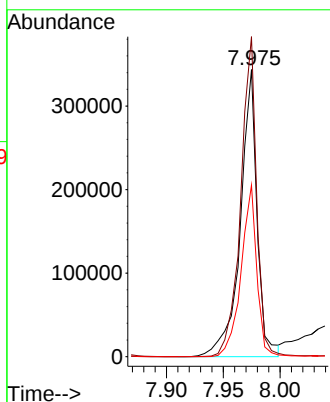
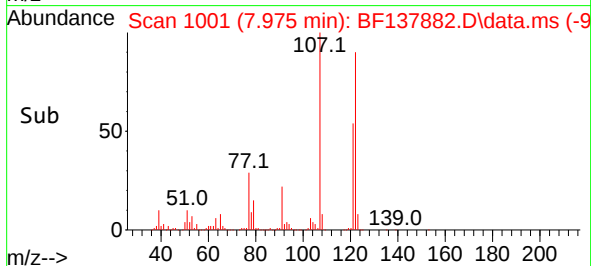
Tgt Ion:122 Resp: 354108
Ion Ratio Lower Upper
122 100
107 111.5 85.8 128.8
121 59.8 46.6 69.8

Manual Integrations

APPROVED

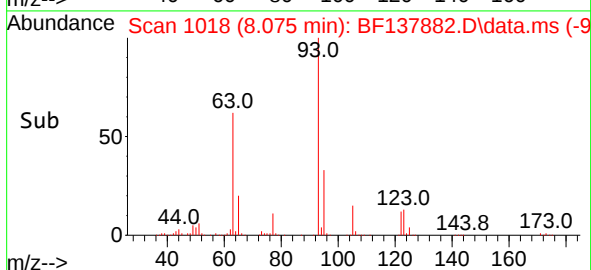
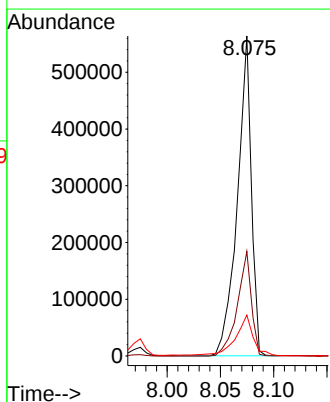
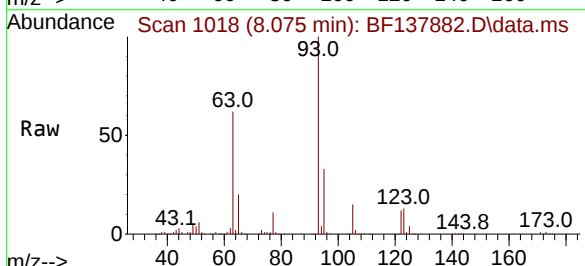
Reviewed By :Yogesh Patel 05/13/2024

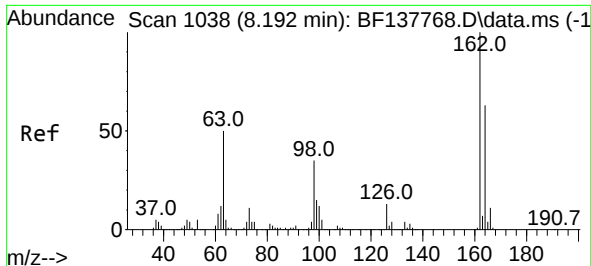
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.859 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion: 93 Resp: 516864
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.778 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137882.D

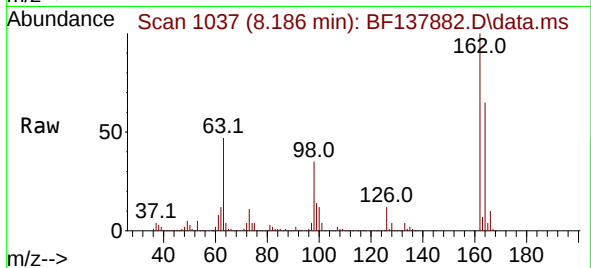
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



Tgt Ion:162 Resp: 411988

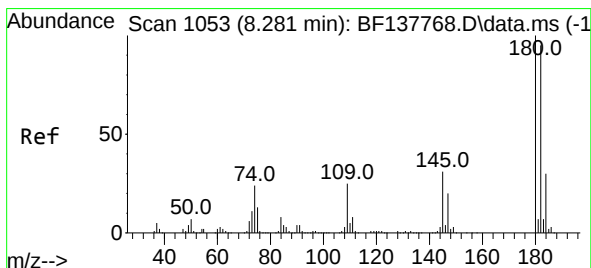
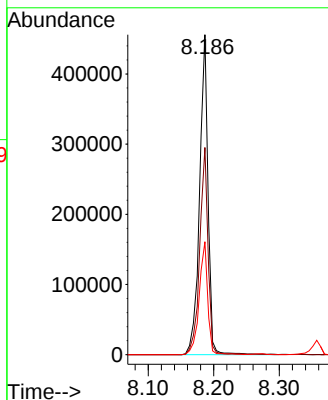
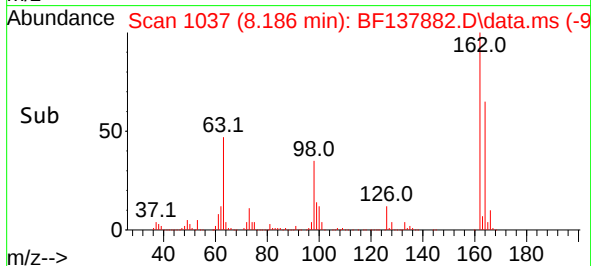
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.5	83.5
98	35.3	15.1	55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

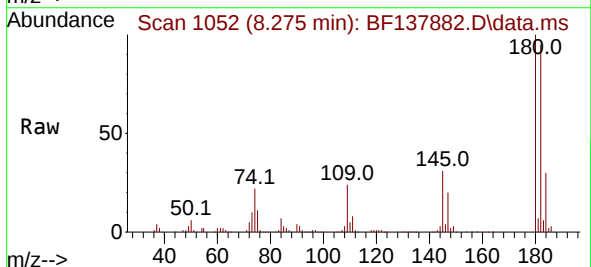
Concen: 42.250 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

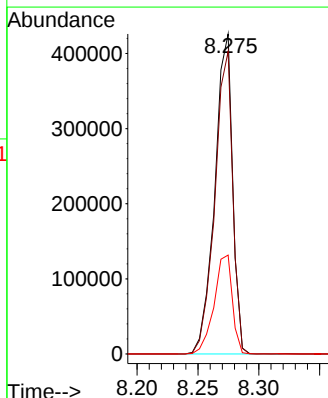
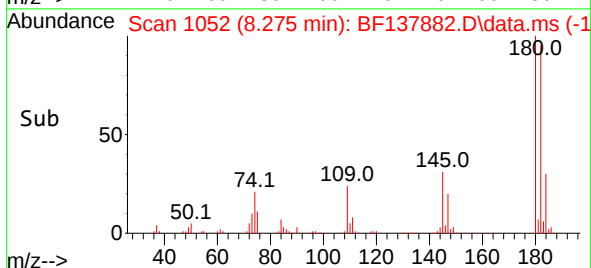
Lab File: BF137882.D

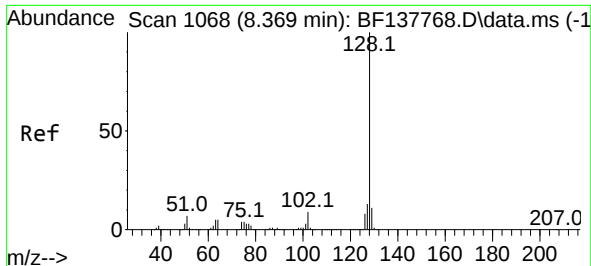
Acq: 10 May 2024 15:47



Tgt Ion:180 Resp: 433453

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	30.9	25.1	37.7





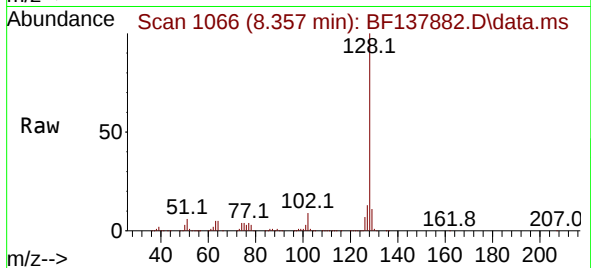
#31
Naphthalene
Concen: 41.897 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



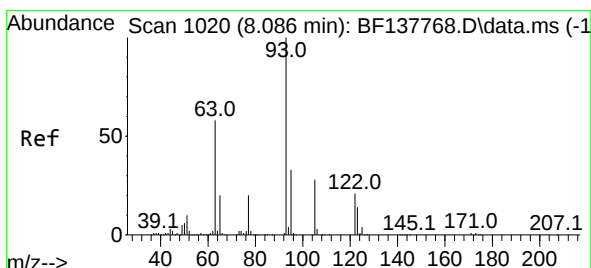
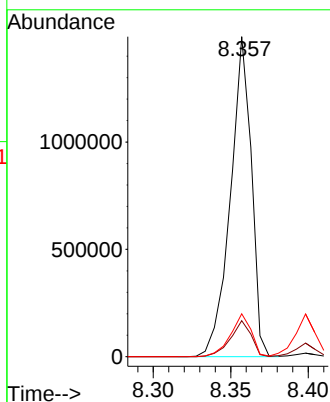
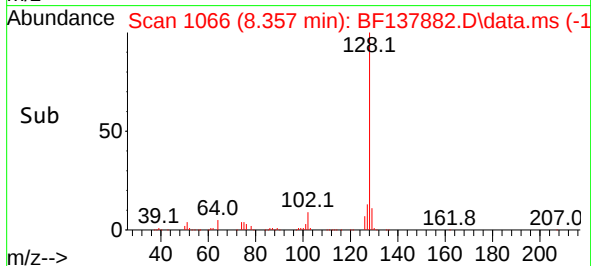
Tgt Ion:128 Resp: 140172
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.6 16.0

Manual Integrations

APPROVED

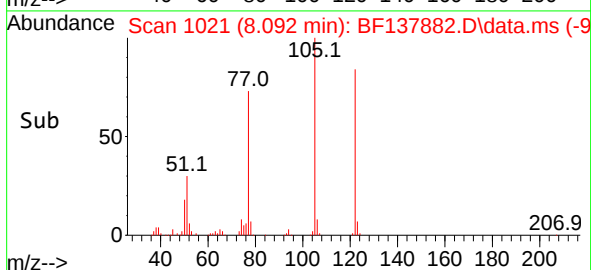
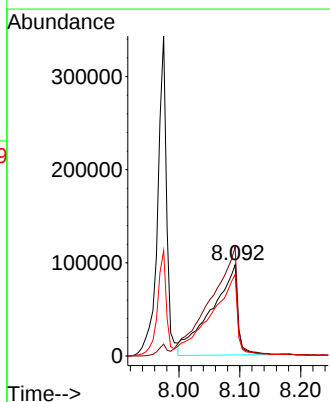
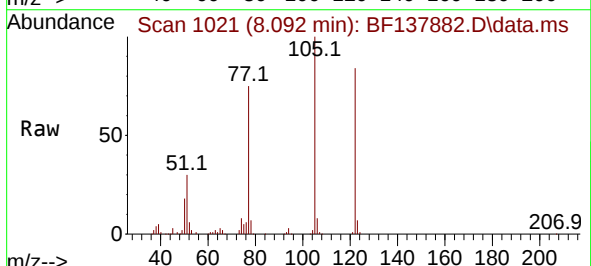
Reviewed By :Yogesh Patel 05/13/2024

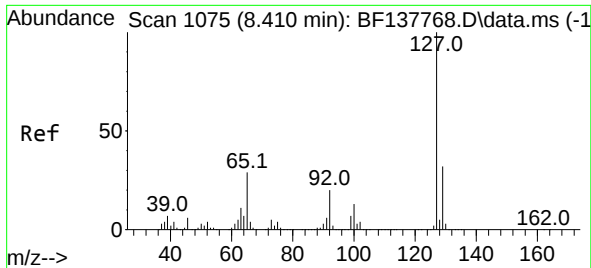
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 43.011 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:122 Resp: 288906
Ion Ratio Lower Upper
122 100
105 119.7 105.3 145.3
77 89.5 73.2 113.2





#33
4-Chloroaniline
Concen: 15.466 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

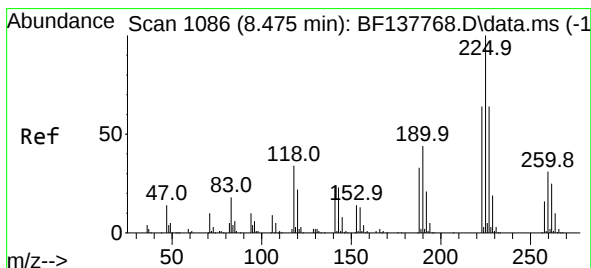
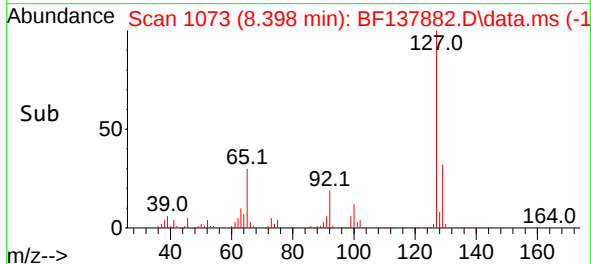
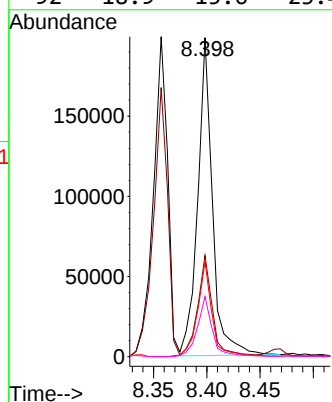
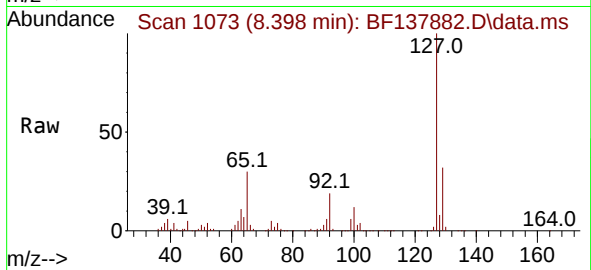
PB160779BS

Tgt Ion:127 Resp: 191875
Ion Ratio Lower Upper
127 100
129 31.7 25.7 38.5
65 29.7 23.4 35.2
92 18.9 15.6 23.4

Manual Integrations

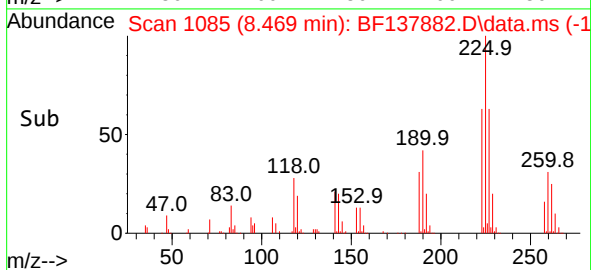
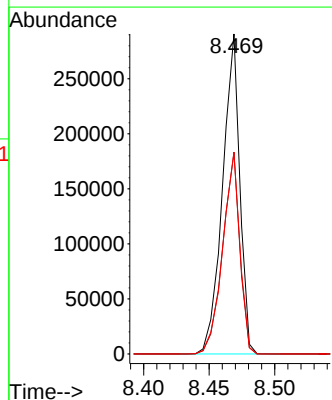
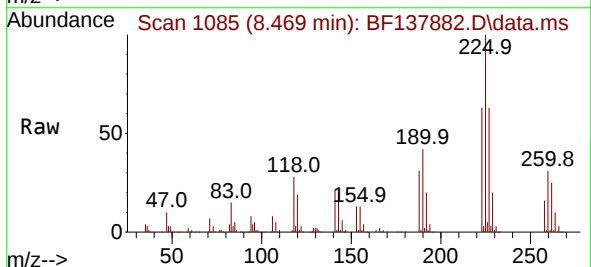
APPROVED

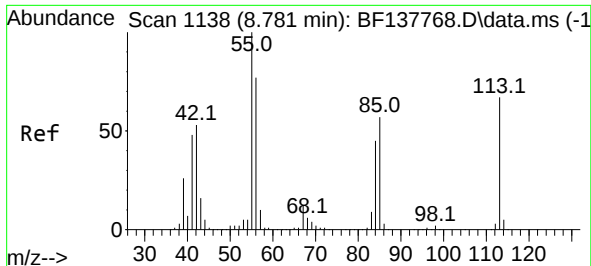
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 42.020 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

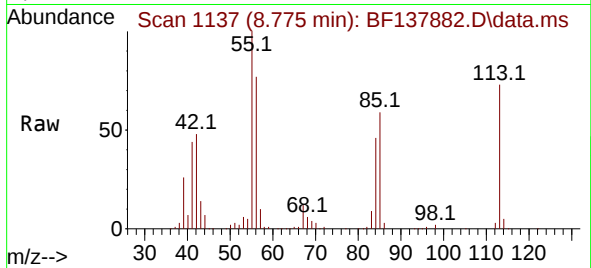
Tgt Ion:225 Resp: 264670
Ion Ratio Lower Upper
225 100
223 63.0 51.1 76.7
227 63.0 51.4 77.0





#35
Caprolactam
Concen: 44.230 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

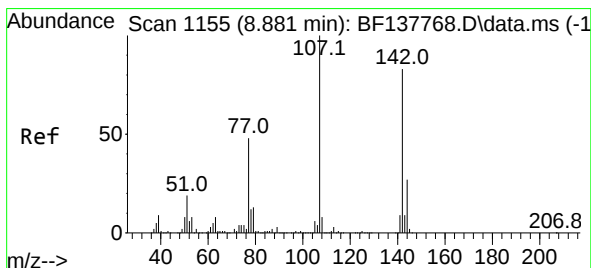
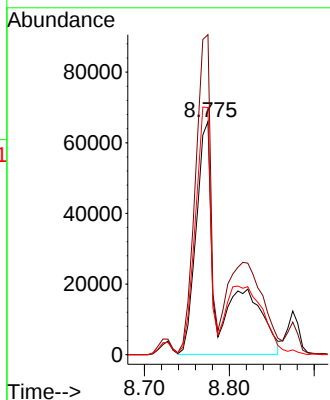
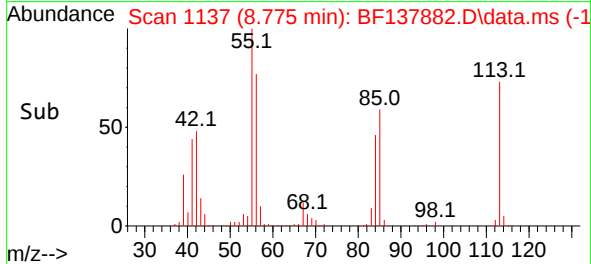
Instrument :
BNA_F
ClientSampleId :
PB160779BS



Tgt Ion:113 Resp: 131884
Ion Ratio Lower Upper
113 100
55 137.3 128.7 168.7
56 105.9 93.9 133.9

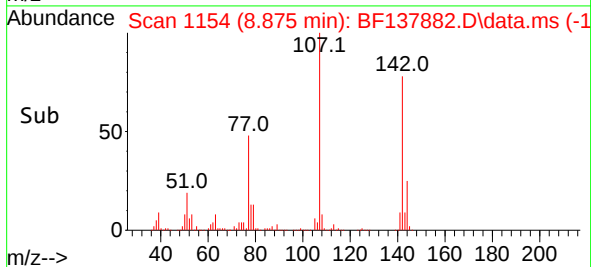
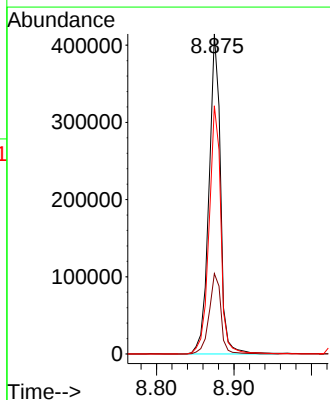
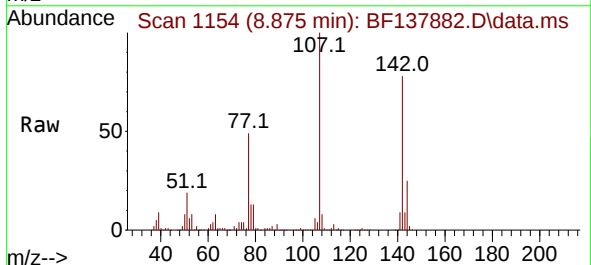
Manual Integrations
APPROVED

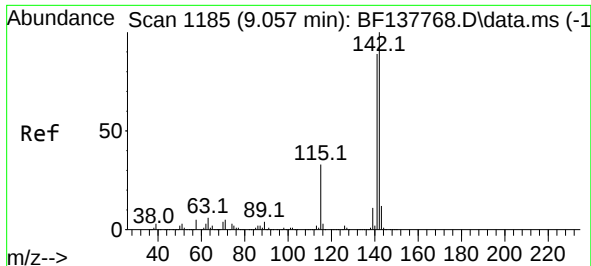
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#36
4-Chloro-3-methylphenol
Concen: 43.502 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:107 Resp: 426932
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 77.5 66.2 99.2





#37

2-Methylnaphthalene

Concen: 42.440 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137882.D

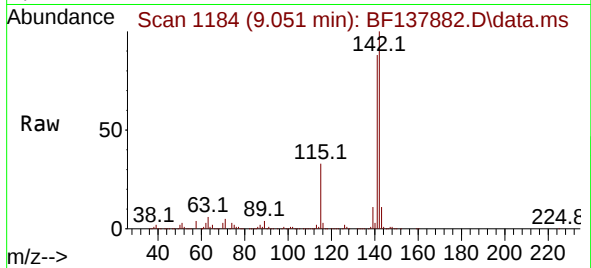
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



Tgt Ion:142 Resp: 919098

Ion Ratio Lower Upper

142 100

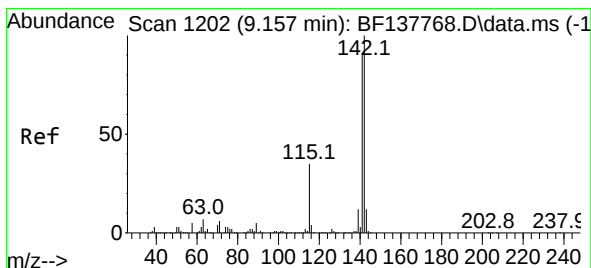
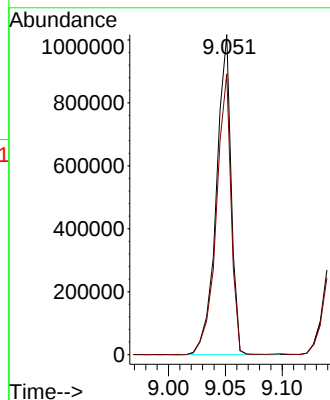
141 87.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

1-Methylnaphthalene

Concen: 39.782 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137882.D

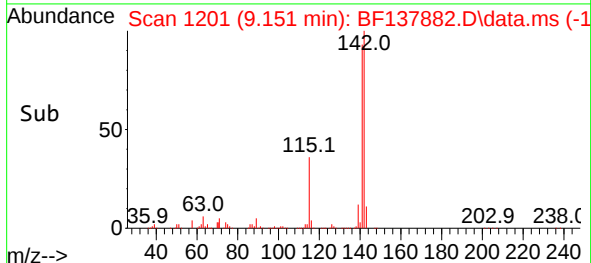
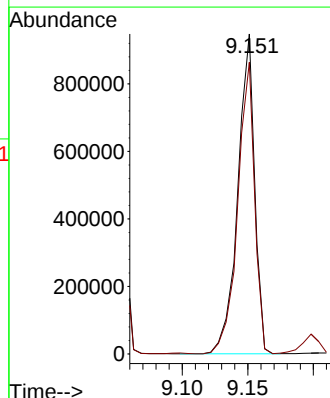
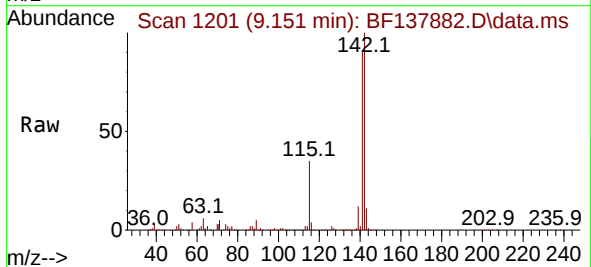
Acq: 10 May 2024 15:47

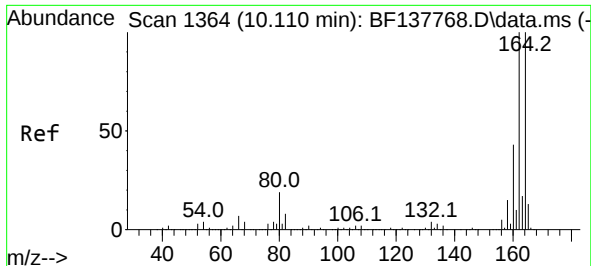
Tgt Ion:142 Resp: 847604

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7





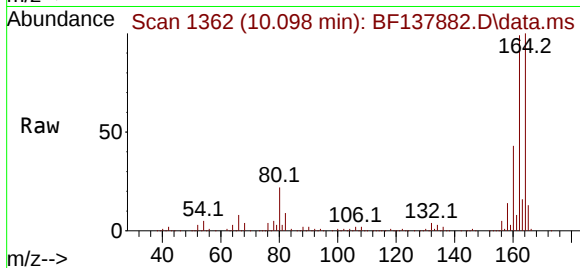
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



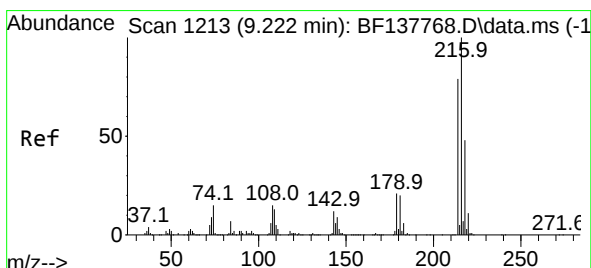
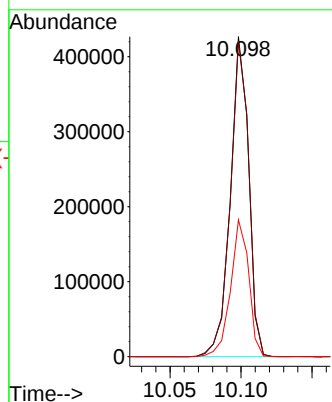
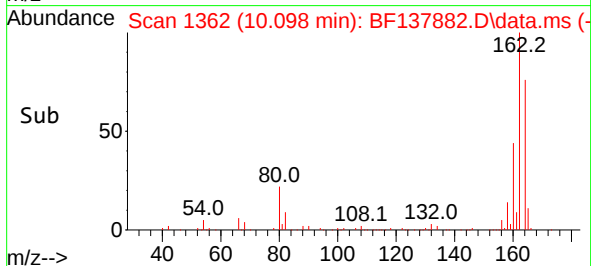
Tgt Ion:164 Resp: 38226
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.6
160 42.7 34.4 51.6

Manual Integrations

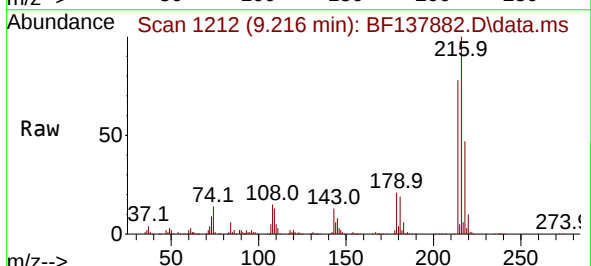
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

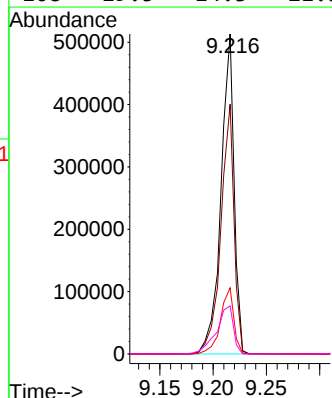
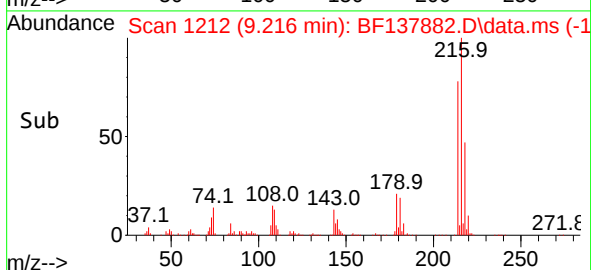
Supervised By :mohammad ahmed 05/13/2024

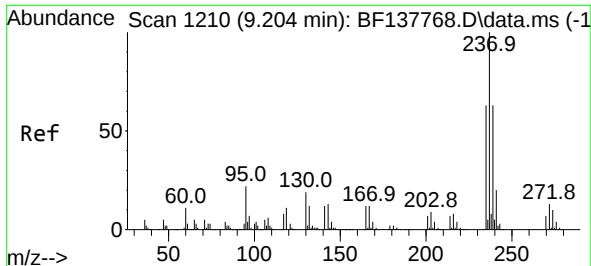


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.206 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



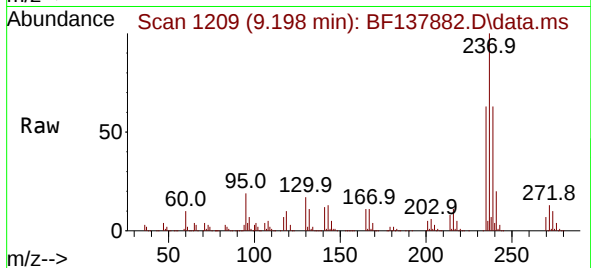
Tgt Ion:216 Resp: 437445
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 21.0 16.8 25.2
108 19.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 116.816 ng
RT: 9.198 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

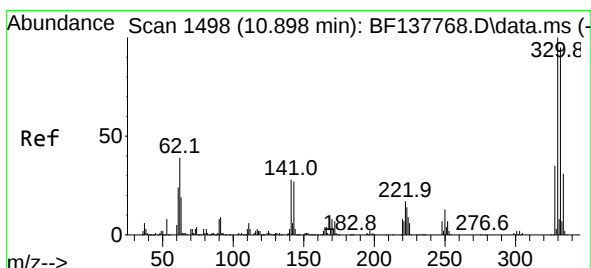
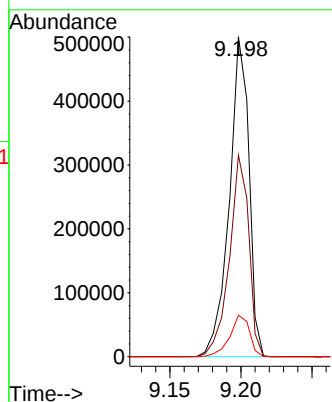
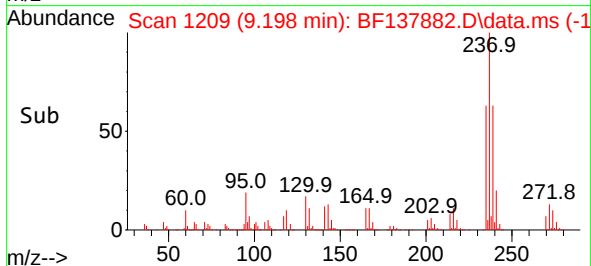
Instrument :
BNA_F
ClientSampleId :
PB160779BS



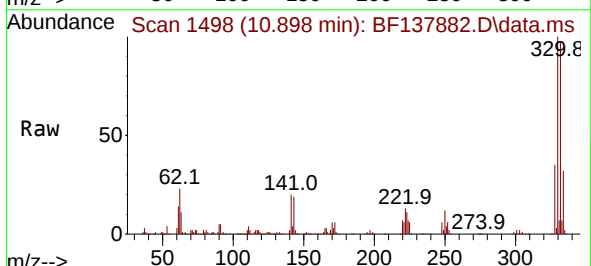
Tgt Ion:237 Resp: 480388
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 12.9 0.0 32.8

Manual Integrations
APPROVED

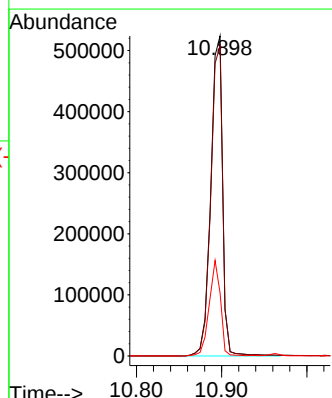
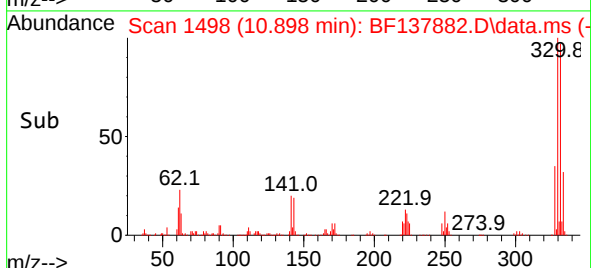
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

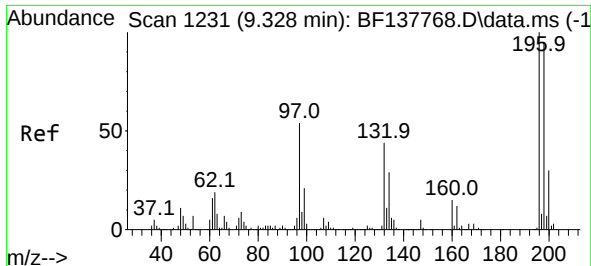


#42
2,4,6-Tribromophenol
Concen: 129.281 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:330 Resp: 504590
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 28.4 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 43.128 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF137882.D

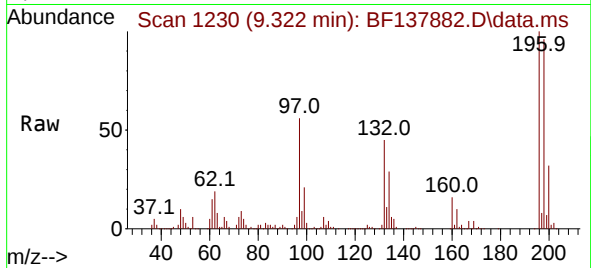
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



Tgt Ion:196 Resp: 29723

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.4

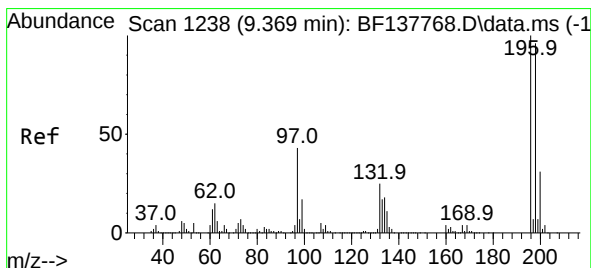
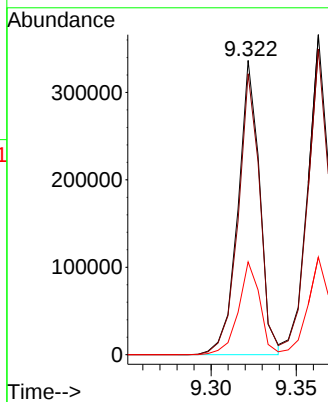
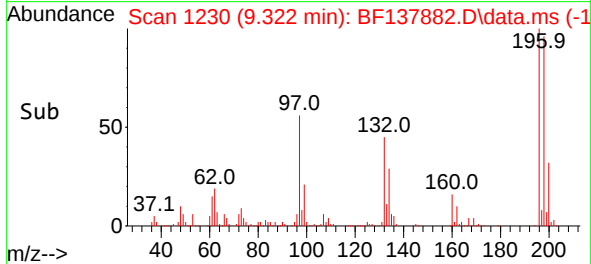
200 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#44

2,4,5-Trichlorophenol

Concen: 41.652 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

Tgt Ion:196 Resp: 316970

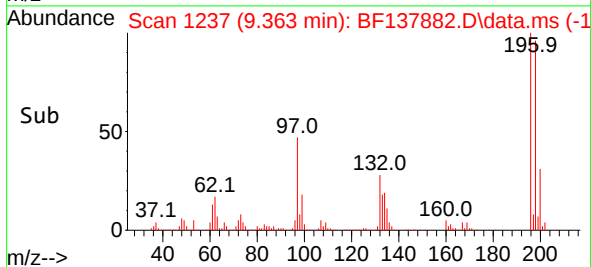
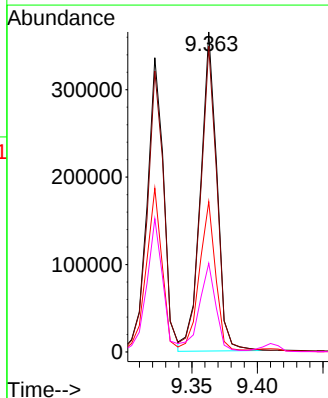
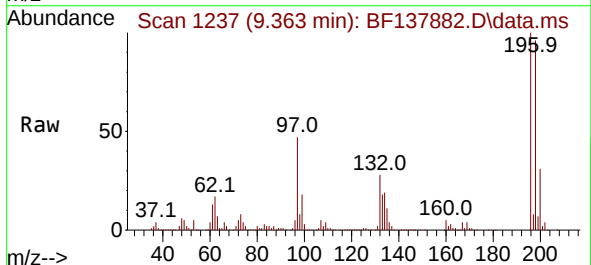
Ion Ratio Lower Upper

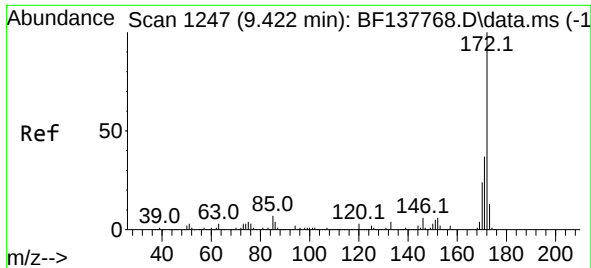
196 100

198 95.5 76.6 114.8

97 46.9 34.5 51.7

132 27.7 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 82.945 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

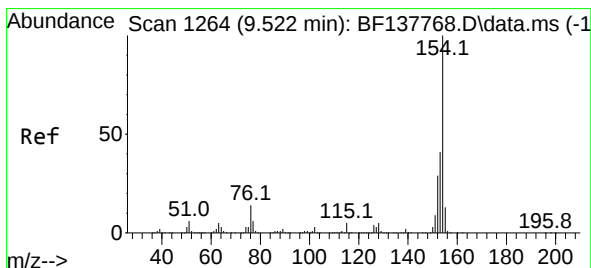
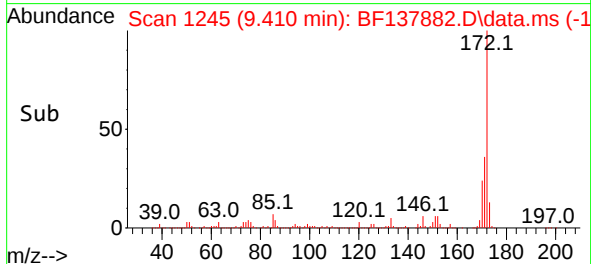
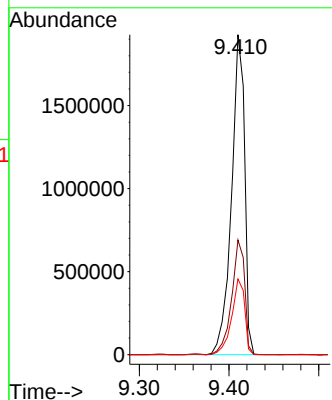
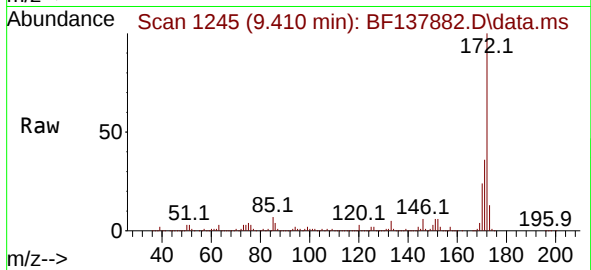
PB160779BS

Tgt Ion:172 Resp: 1954384
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 19.4 29.2

Manual Integrations

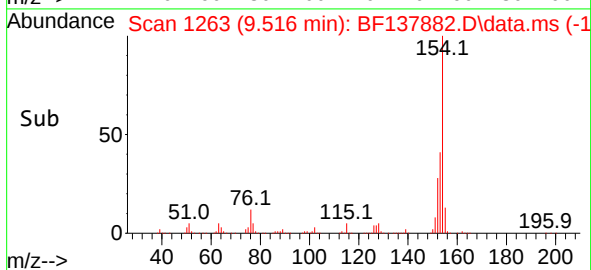
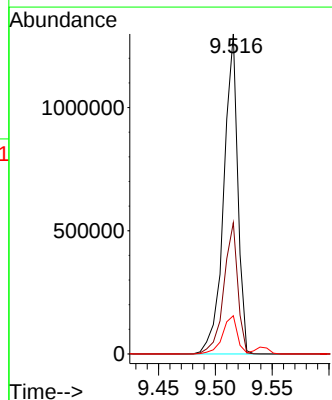
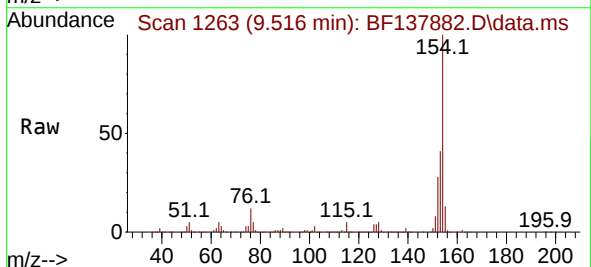
APPROVED

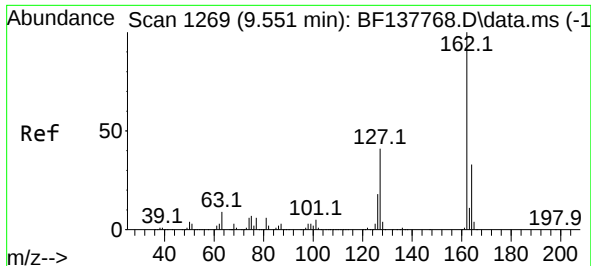
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#46
1,1'-Biphenyl
Concen: 42.685 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:154 Resp: 1119822
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 12.0 0.0 33.5





#47

2-Chloronaphthalene

Concen: 40.931 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

Tgt Ion:162 Resp: 86692

Ion Ratio Lower Upper

162 100

127 41.1 32.6 49.0

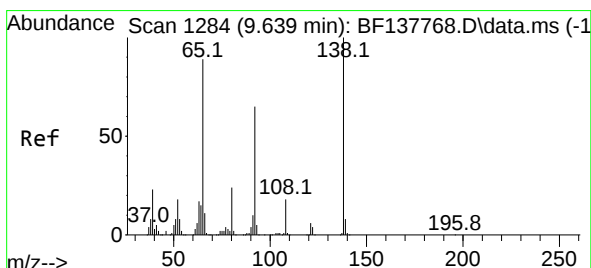
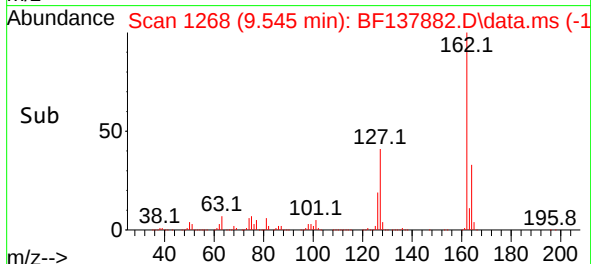
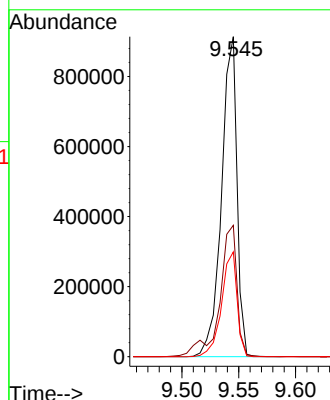
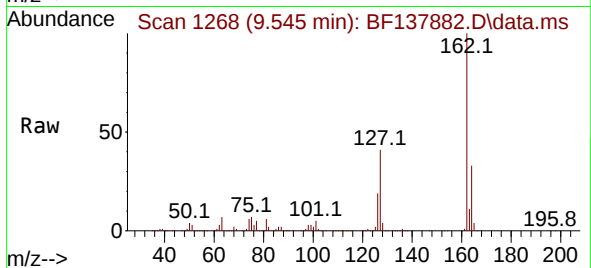
164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#48

2-Nitroaniline

Concen: 43.632 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

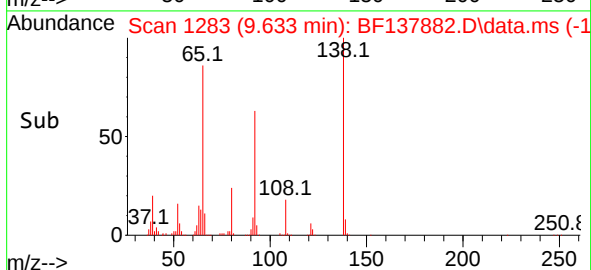
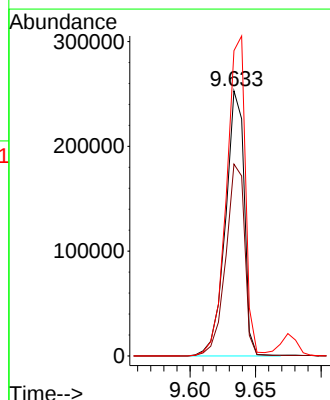
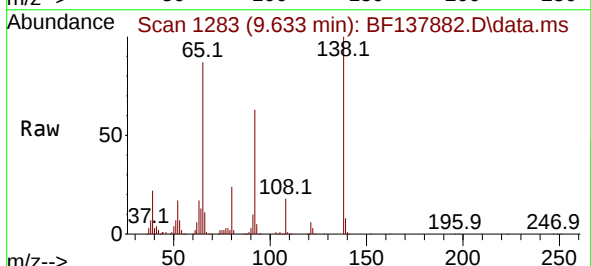
Tgt Ion: 65 Resp: 250632

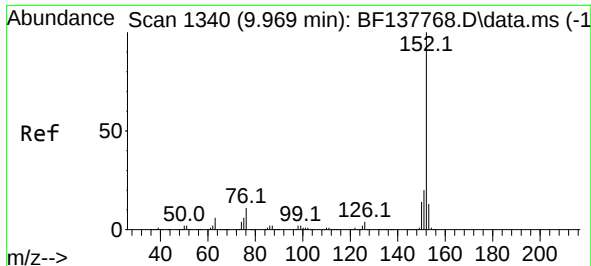
Ion Ratio Lower Upper

65 100

92 72.4 58.6 88.0

138 115.2 90.3 135.5





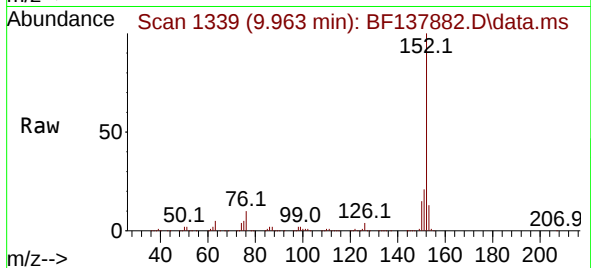
#49
Acenaphthylene
Concen: 45.015 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



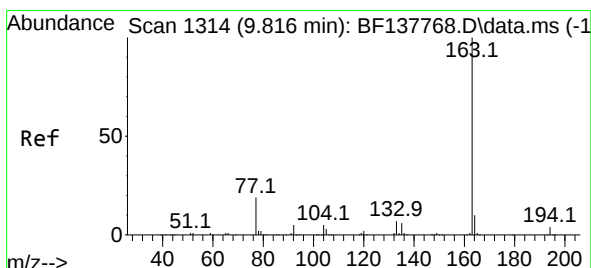
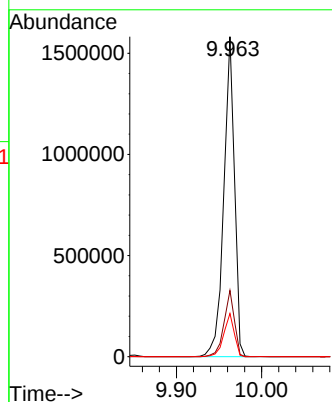
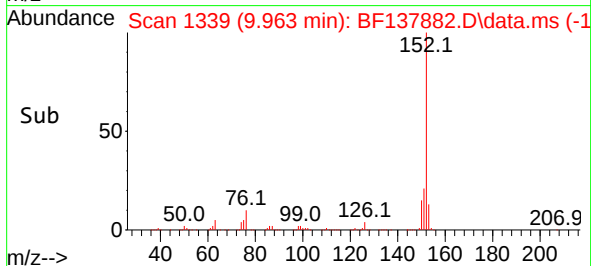
Tgt Ion:152 Resp: 1379204
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 10.8 16.2

Manual Integrations

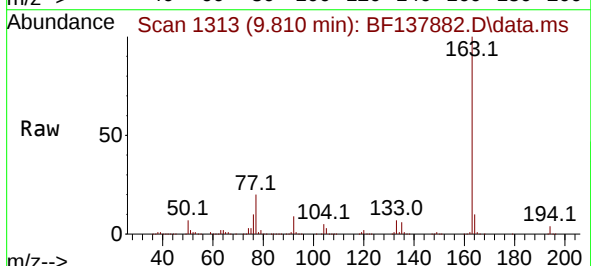
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

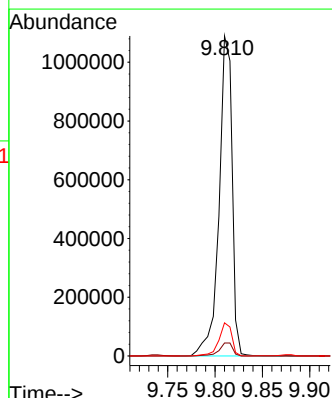
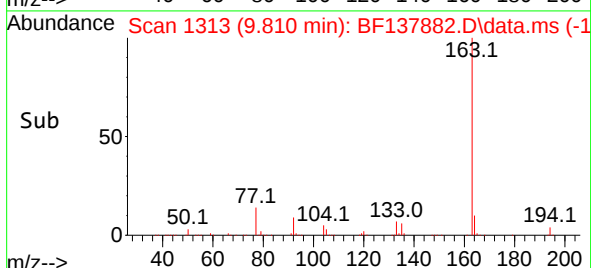
Supervised By :mohammad ahmed 05/13/2024

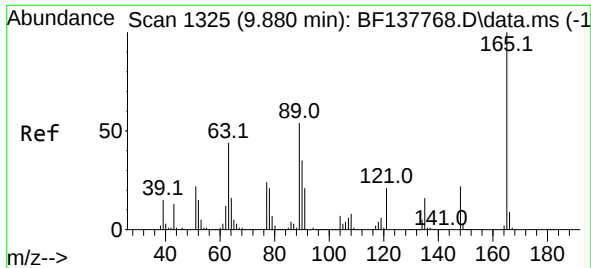


#50
Dimethylphthalate
Concen: 43.457 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:163 Resp: 1048708
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.901 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

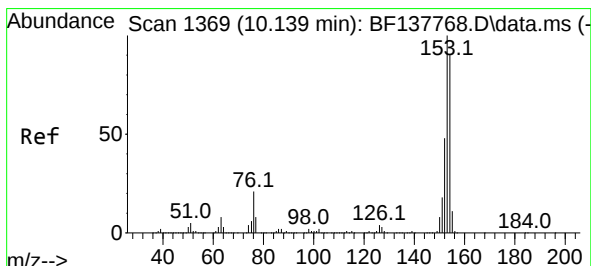
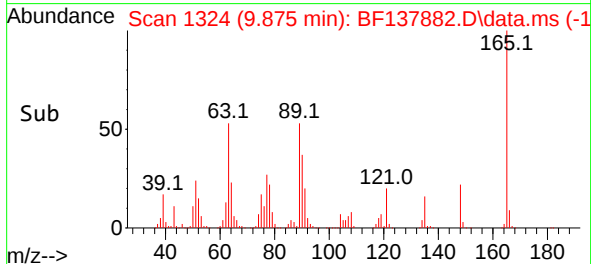
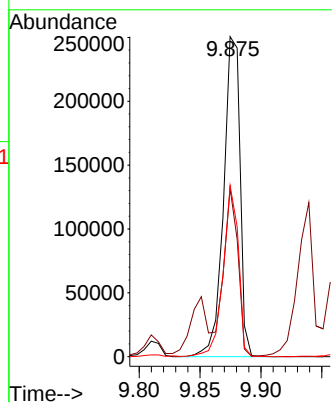
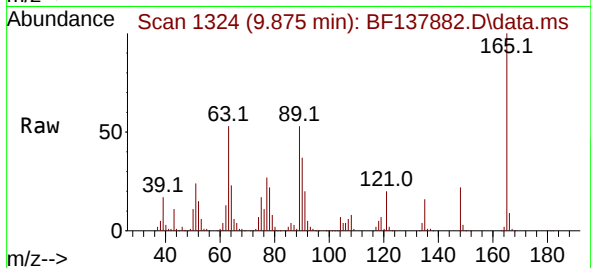
ClientSampleId :

PB160779BS

Tgt Ion:165 Resp: 23659
Ion Ratio Lower Upper
165 100
63 52.6 41.9 62.9
89 53.5 43.2 64.8

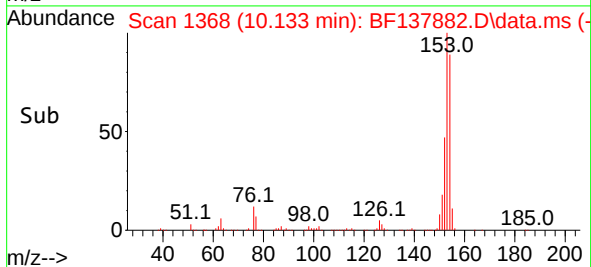
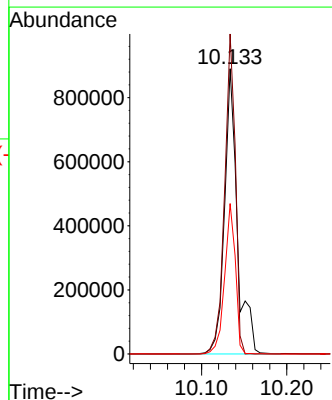
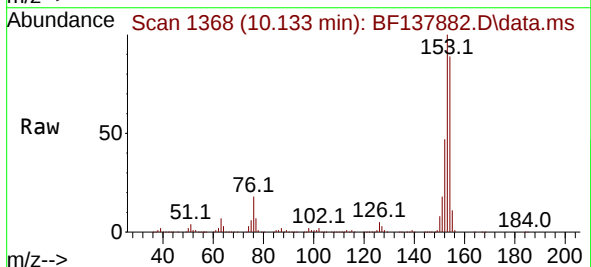
Manual Integrations
APPROVED

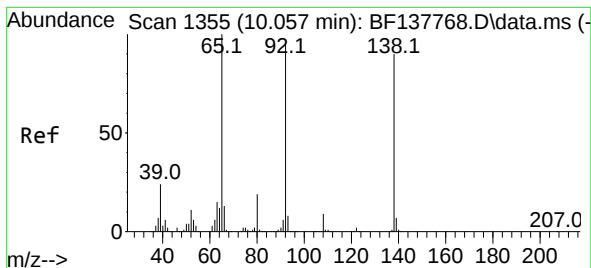
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#52
Acenaphthene
Concen: 45.962 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:154 Resp: 933428
Ion Ratio Lower Upper
154 100
153 112.1 88.7 133.1
152 52.7 42.8 64.2





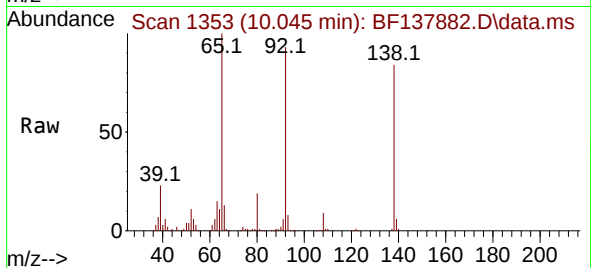
#53
3-Nitroaniline
Concen: 28.412 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

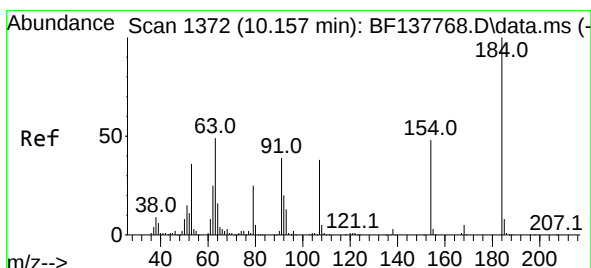
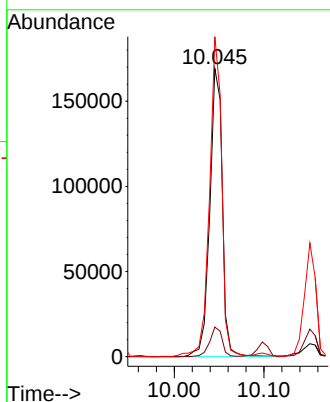
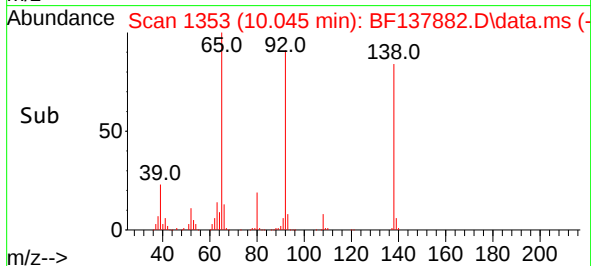
PB160779BS



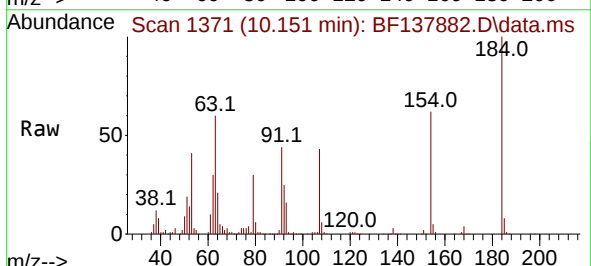
Tgt Ion:138 Resp: 164089
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.6
92 111.0 84.6 126.8

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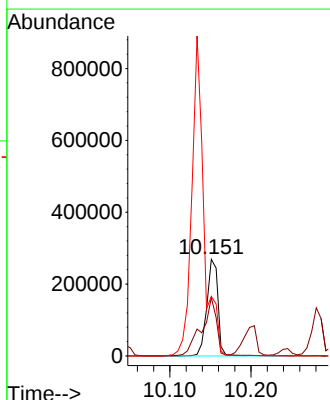
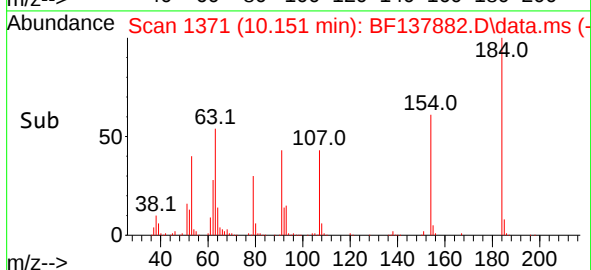
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

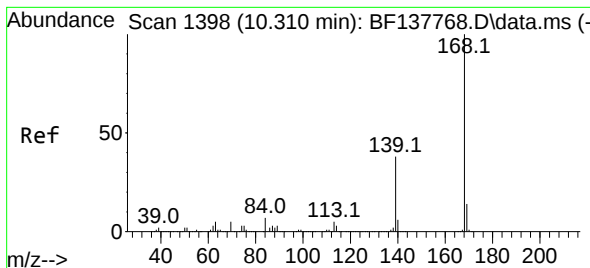


#54
2,4-Dinitrophenol
Concen: 95.008 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



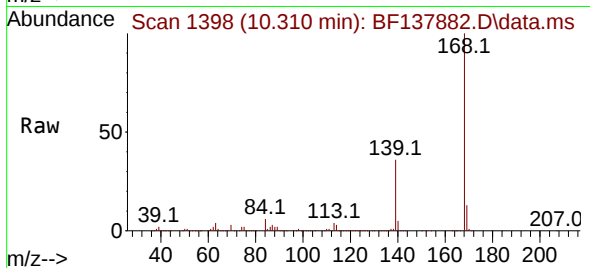
Tgt Ion:184 Resp: 257455
Ion Ratio Lower Upper
184 100
63 60.4 40.3 60.5
154 61.5 45.2 67.8





#55
Dibenzofuran
Concen: 42.376 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

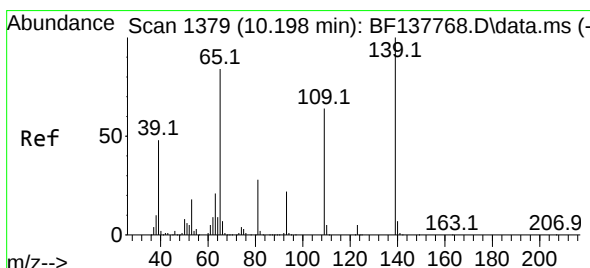
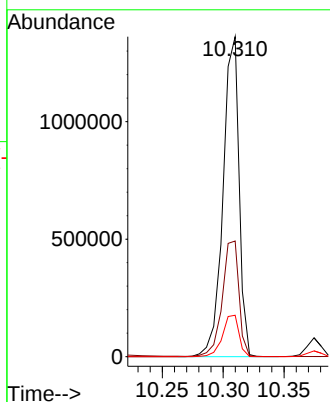
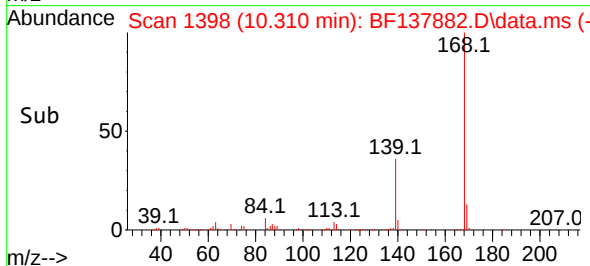
Instrument :
BNA_F
ClientSampleId :
PB160779BS



Tgt Ion:168 Resp: 1252364
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.4
169 12.9 11.4 17.0

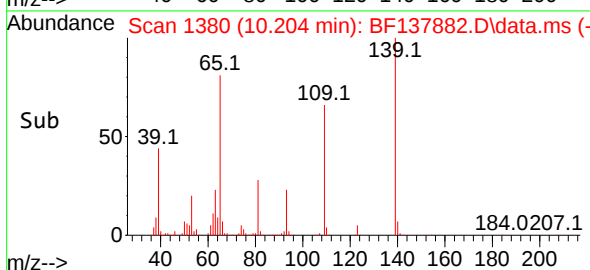
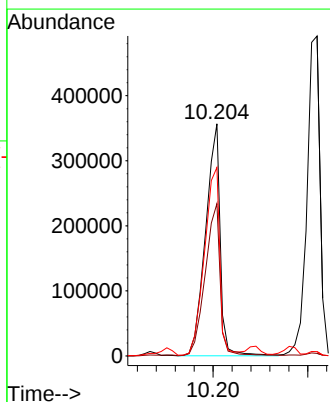
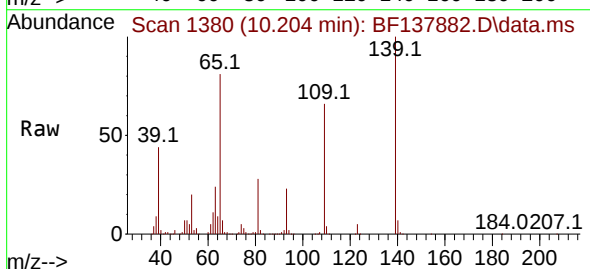
Manual Integrations
APPROVED

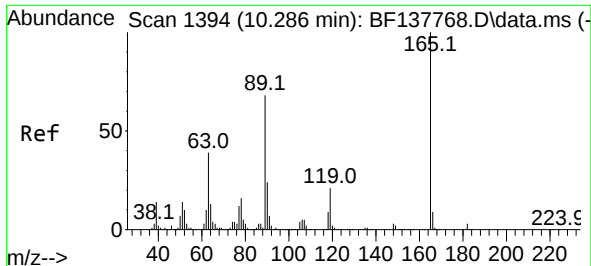
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 79.629 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:139 Resp: 381153
Ion Ratio Lower Upper
139 100
109 65.6 44.0 84.0
65 81.2 64.3 104.3





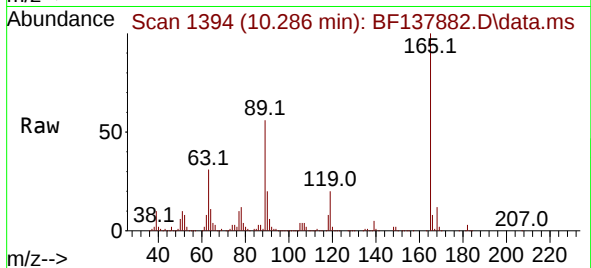
#57
2,4-Dinitrotoluene
Concen: 45.343 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



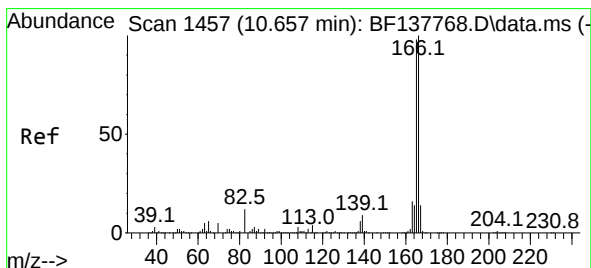
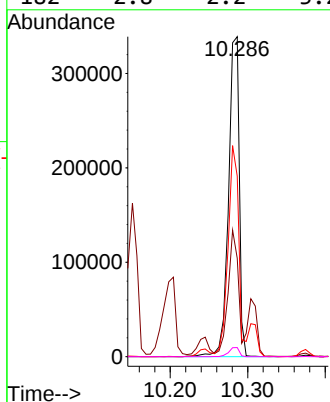
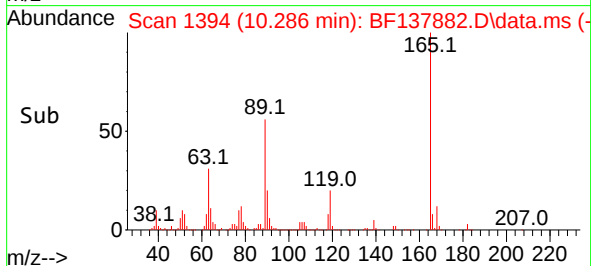
Tgt Ion:165 Resp: 32669
Ion Ratio Lower Upper
165 100
63 30.8 31.3 46.9
89 56.4 54.2 81.4
182 2.8 2.2 3.2

Manual Integrations

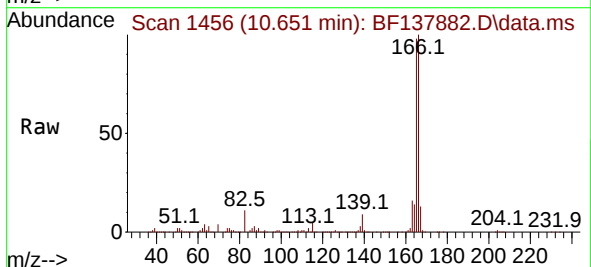
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

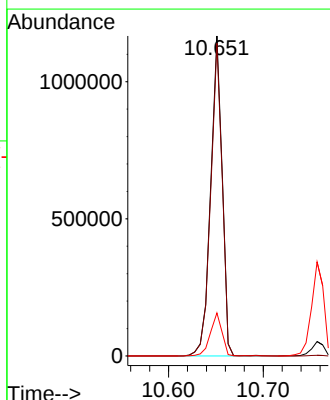
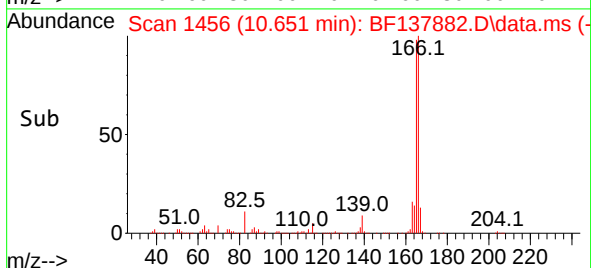
Supervised By :mohammad ahmed 05/13/2024

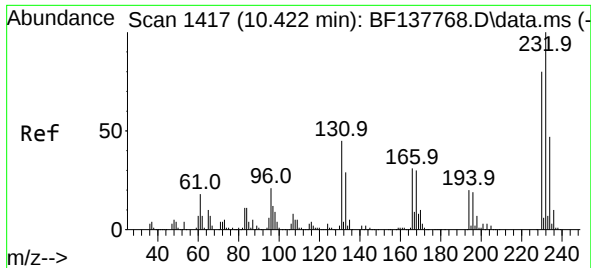


#58
Fluorene
Concen: 41.767 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



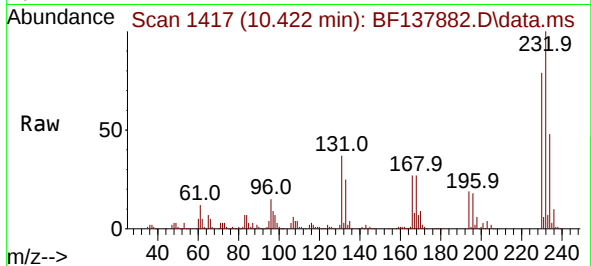
Tgt Ion:166 Resp: 982385
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.347 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

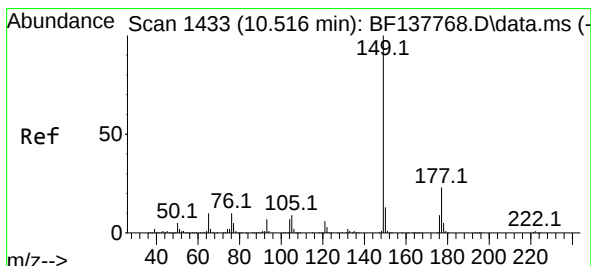
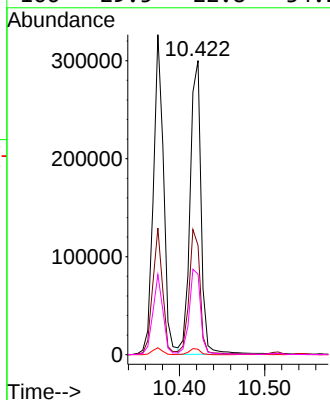
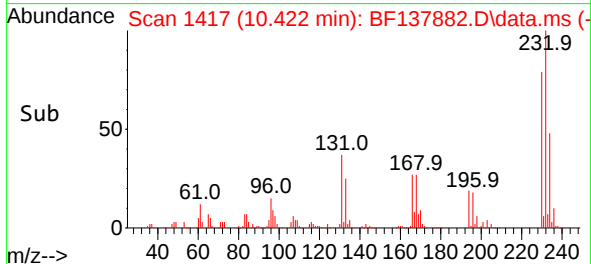
Instrument :
BNA_F
ClientSampleId :
PB160779BS



Tgt Ion:232 Resp: 267800
Ion Ratio Lower Upper
232 100
131 42.6 33.4 50.0
130 2.2 1.7 2.5
166 29.5 22.8 34.2

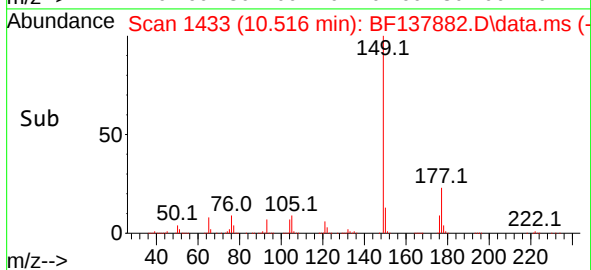
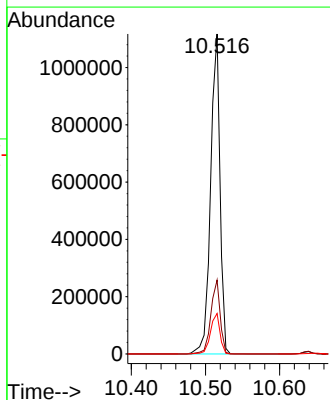
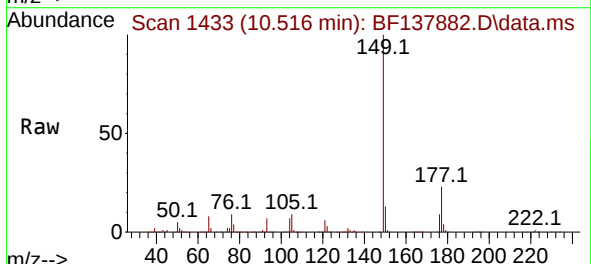
Manual Integrations
APPROVED

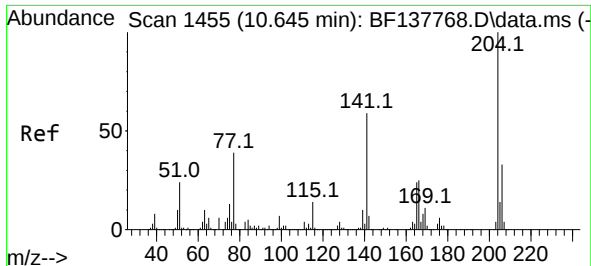
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 42.875 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

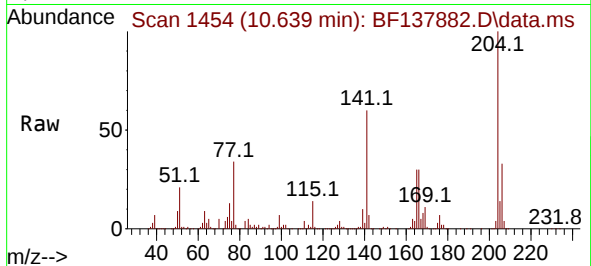
Tgt Ion:149 Resp: 982672
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.7 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 41.545 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

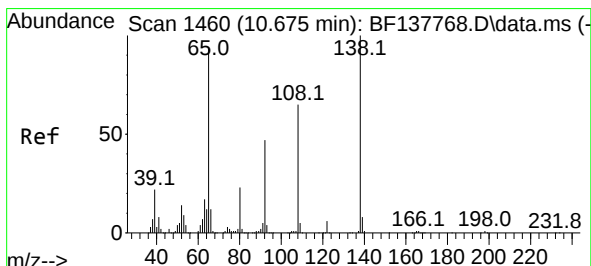
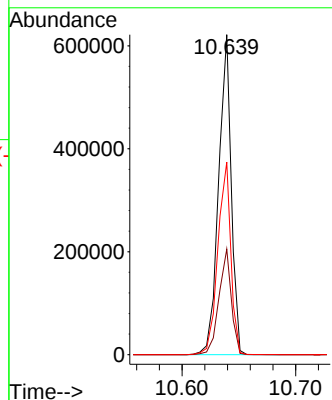
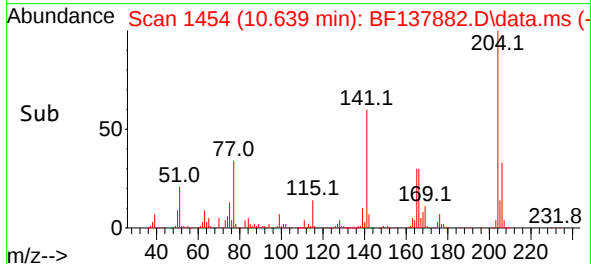
Instrument :
BNA_F
ClientSampleId :
PB160779BS



Tgt Ion:204 Resp: 481470
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.2 47.0 70.6

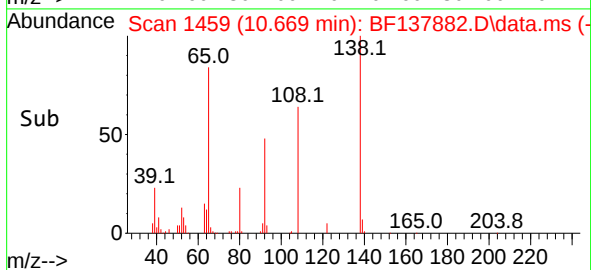
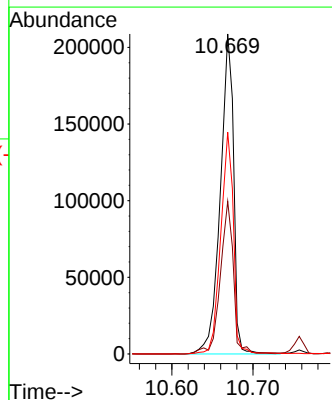
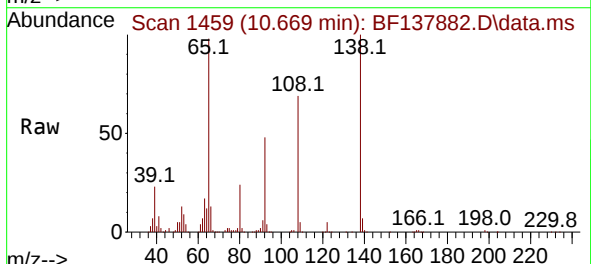
Manual Integrations
APPROVED

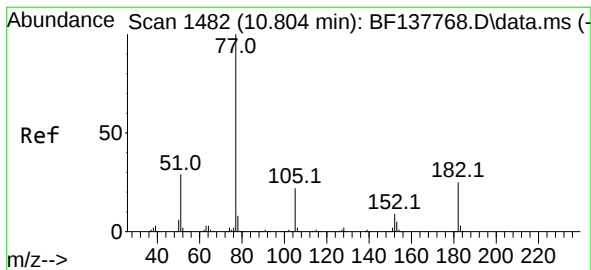
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#62
4-Nitroaniline
Concen: 40.773 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:138 Resp: 238847
Ion Ratio Lower Upper
138 100
92 47.7 26.8 66.8
108 69.3 44.7 84.7





#63
Azobenzene
Concen: 40.925 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

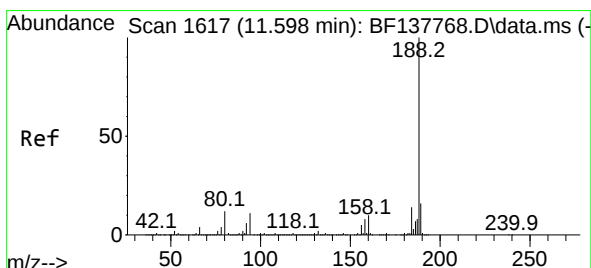
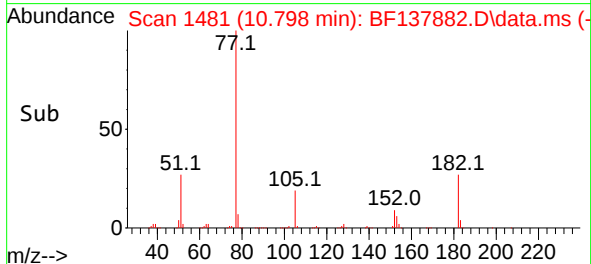
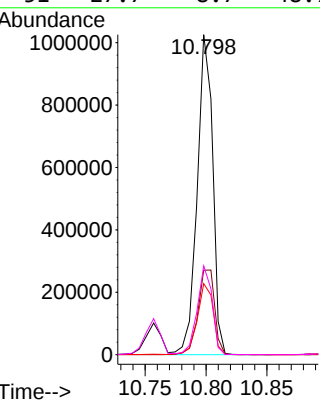
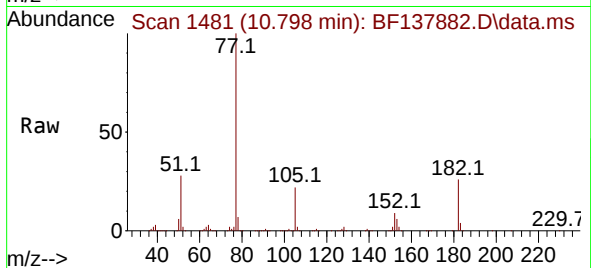
PB160779BS

Tgt Ion: 77 Resp: 906560
Ion Ratio Lower Upper
77 100
182 26.4 5.1 45.1
105 22.2 2.2 42.2
51 27.7 8.7 48.7

Manual Integrations

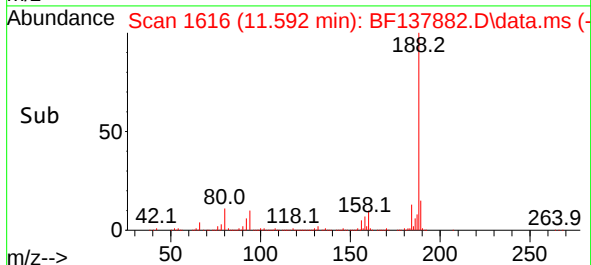
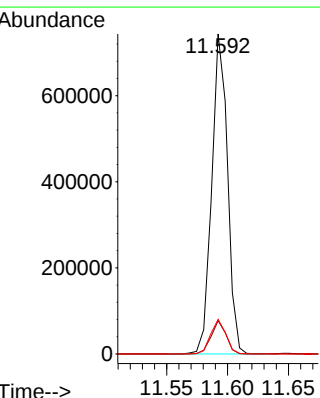
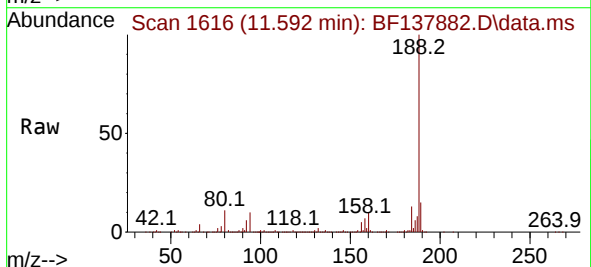
APPROVED

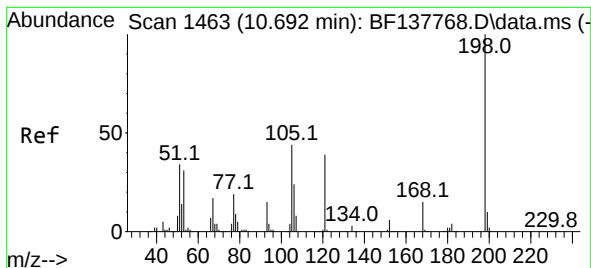
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

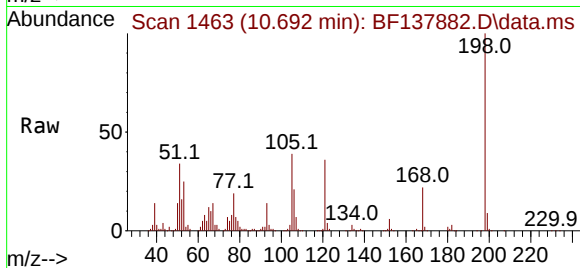
Tgt Ion:188 Resp: 671326
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 10.8 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.720 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

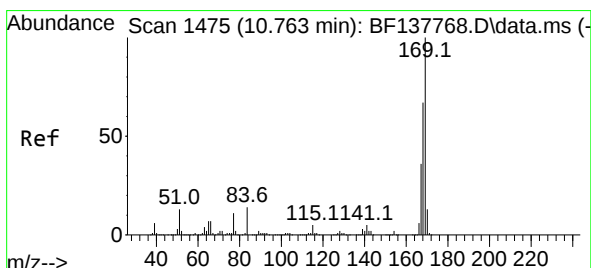
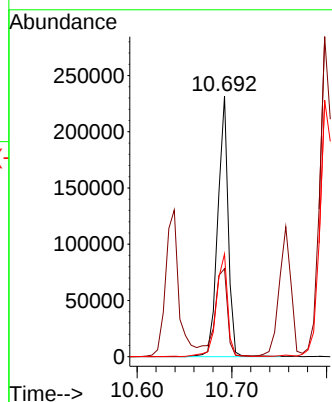
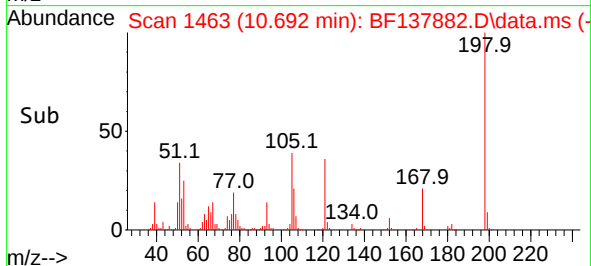
Instrument :
BNA_F
ClientSampleId :
PB160779BS



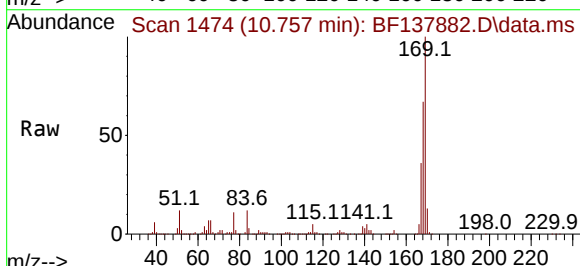
Tgt Ion:198 Resp: 176160
Ion Ratio Lower Upper
198 100
51 33.8 25.1 65.1
105 39.4 24.1 64.1

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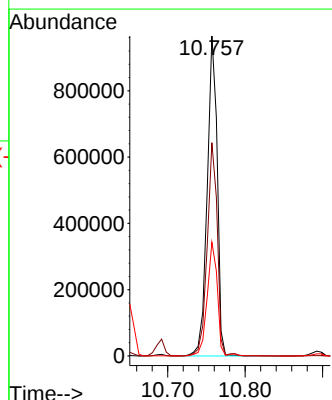
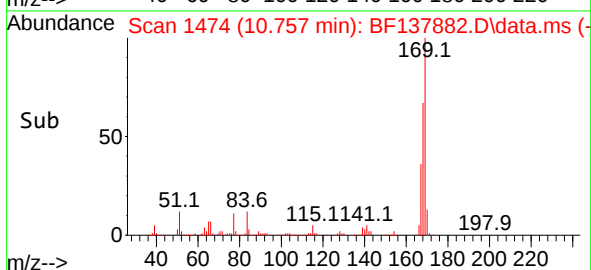
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

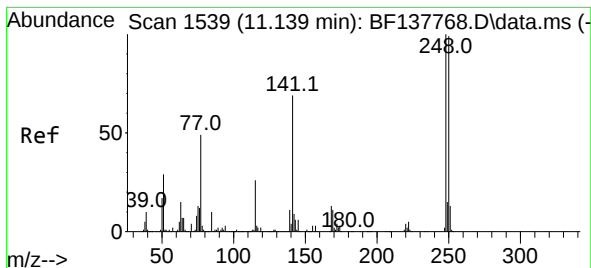


#66
n-Nitrosodiphenylamine
Concen: 43.038 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:169 Resp: 864867
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 35.5 29.2 43.8





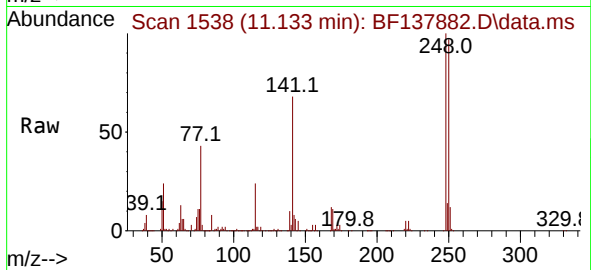
#67
4-Bromophenyl-phenylether
Concen: 42.764 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



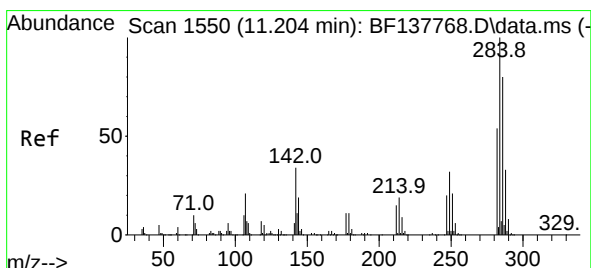
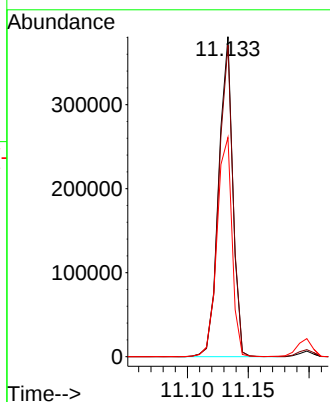
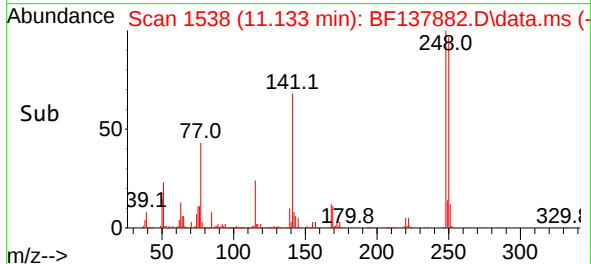
Tgt Ion:248 Resp: 307240
Ion Ratio Lower Upper
248 100
250 97.4 79.1 118.7
141 68.5 55.4 83.2

Manual Integrations

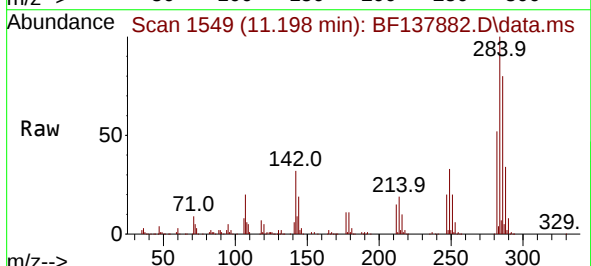
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

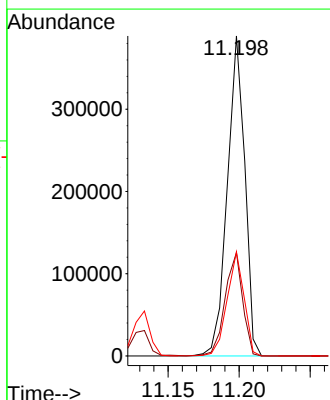
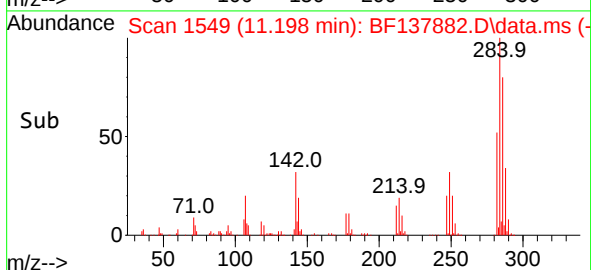
Supervised By :mohammad ahmed 05/13/2024

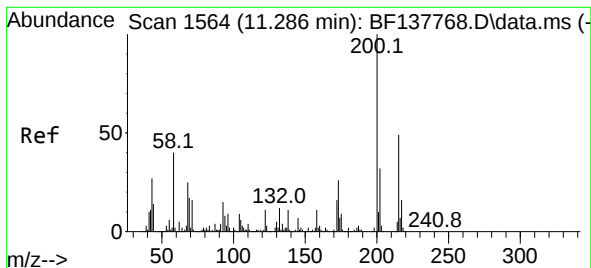


#68
Hexachlorobenzene
Concen: 42.220 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:284 Resp: 331491
Ion Ratio Lower Upper
284 100
142 32.3 27.3 40.9
249 32.5 25.6 38.4





#69

Atrazine

Concen: 47.927 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137882.D

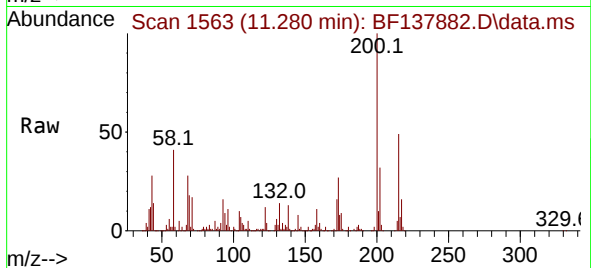
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



Tgt Ion:200 Resp: 293662

Ion Ratio Lower Upper

200 100

173 27.5 5.9 45.9

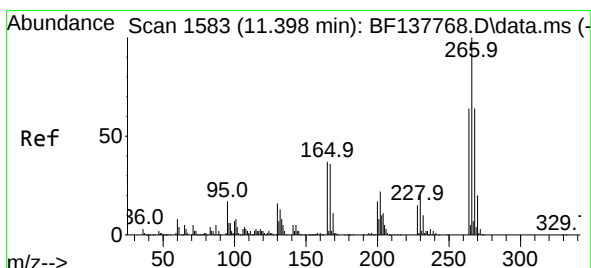
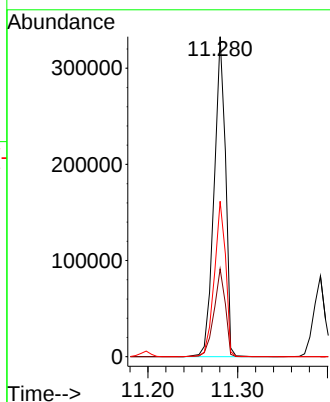
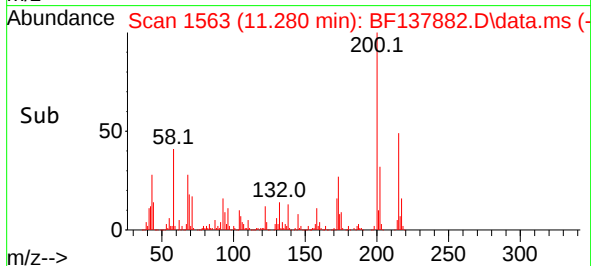
215 48.6 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 76.211 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

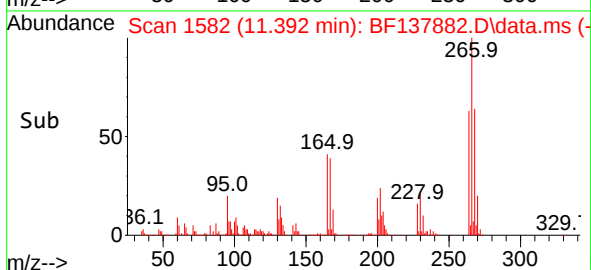
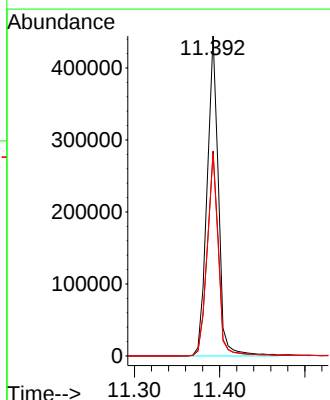
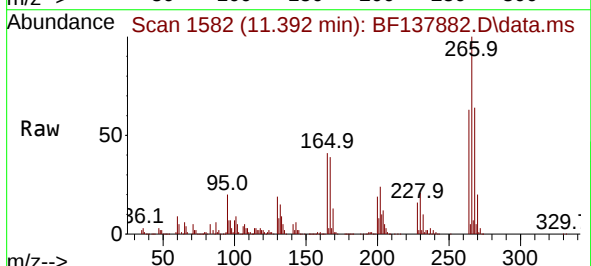
Tgt Ion:266 Resp: 410805

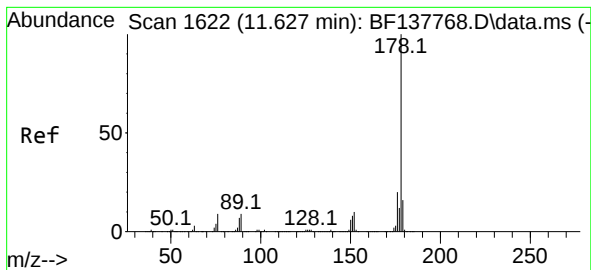
Ion Ratio Lower Upper

266 100

268 64.0 51.3 76.9

264 63.3 51.0 76.4





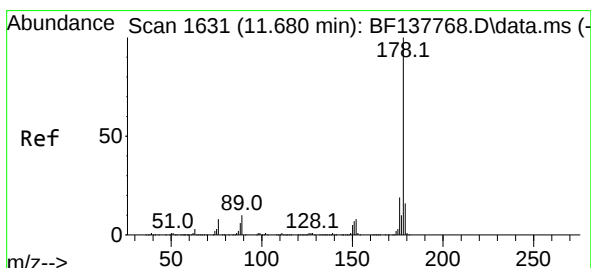
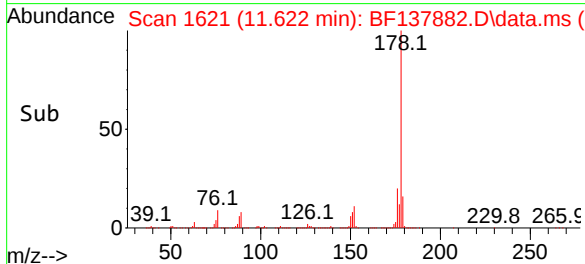
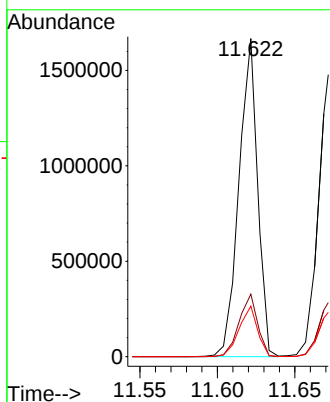
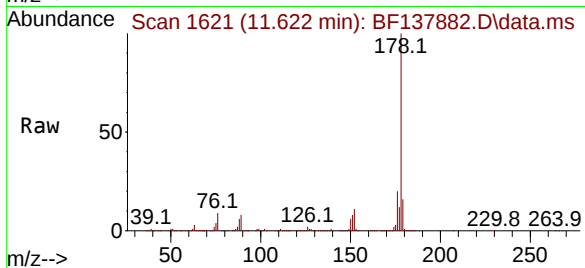
#71
Phenanthrene
Concen: 42.748 ng
RT: 11.622 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB160779BS

Tgt Ion:178 Resp: 1398770
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.5 18.7

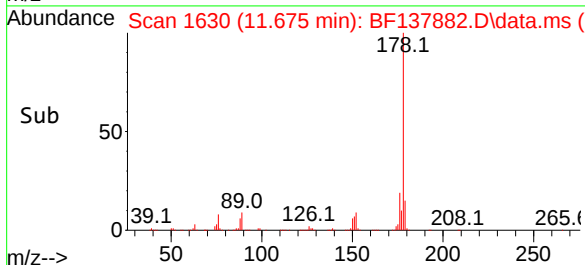
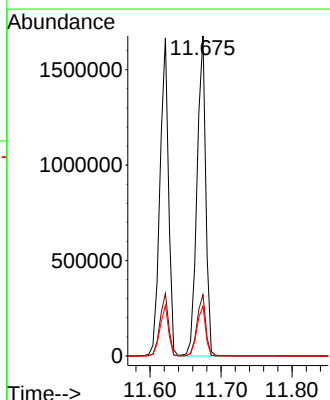
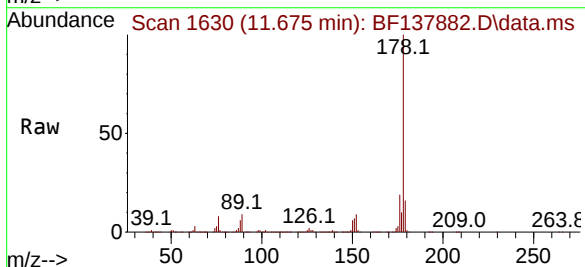
Manual Integrations
APPROVED

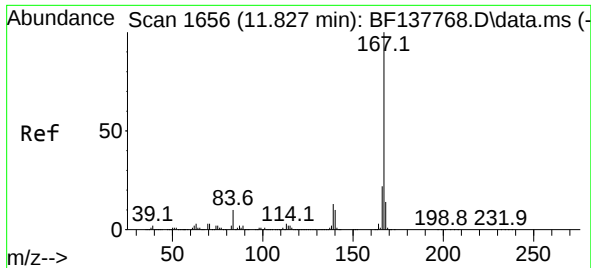
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#72
Anthracene
Concen: 44.071 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:178 Resp: 1434853
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.5 12.6 18.8





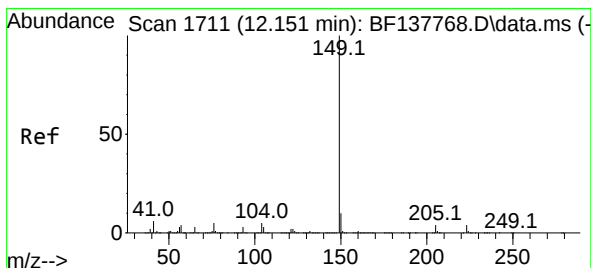
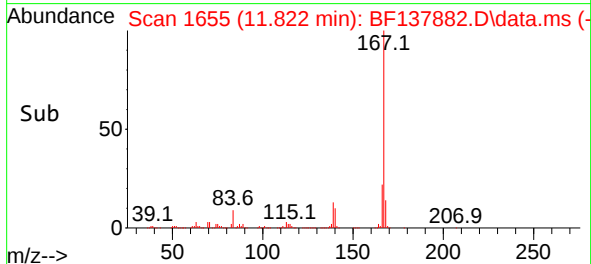
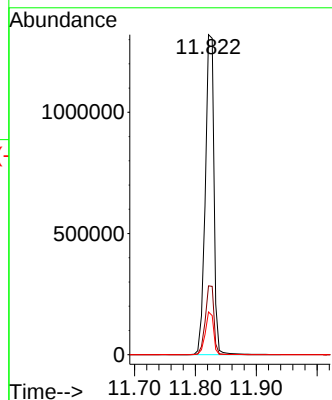
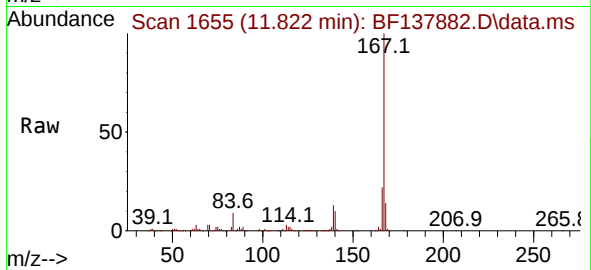
#73
 Carbazole
 Concen: 41.533 ng
 RT: 11.822 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB160779BS

Tgt Ion:167 Resp: 130319
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.3 10.5 15.7

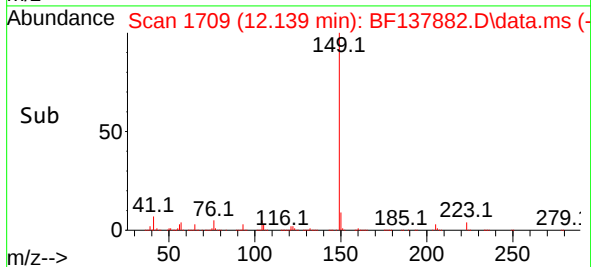
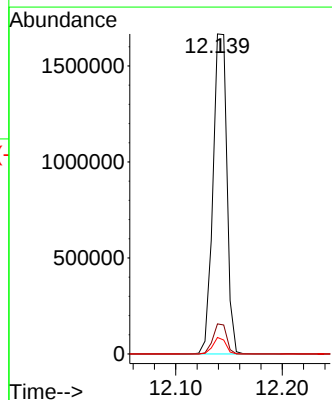
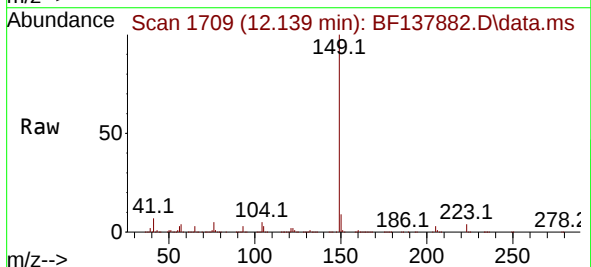
Manual Integrations
 APPROVED

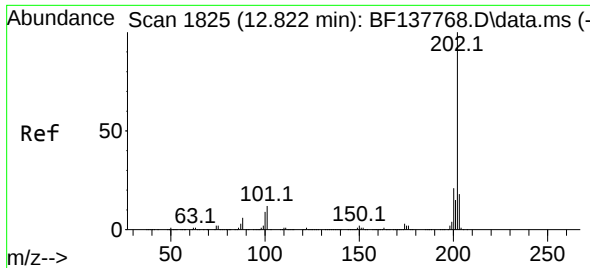
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024



#74
 Di-n-butylphthalate
 Concen: 44.232 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47

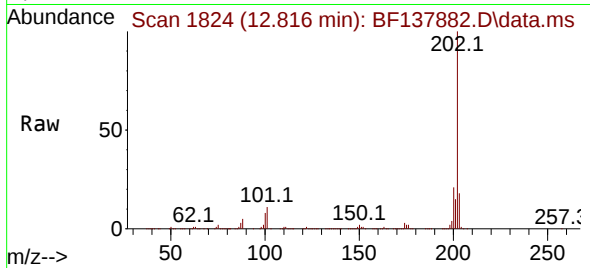
Tgt Ion:149 Resp: 1513972
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 40.752 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

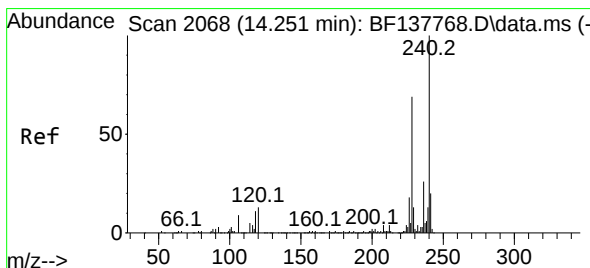
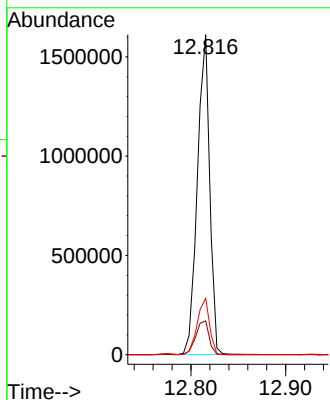
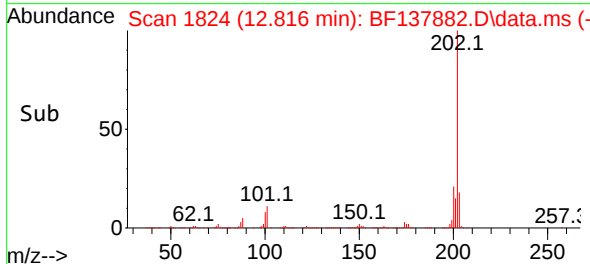
Instrument :
BNA_F
ClientSampleId :
PB160779BS



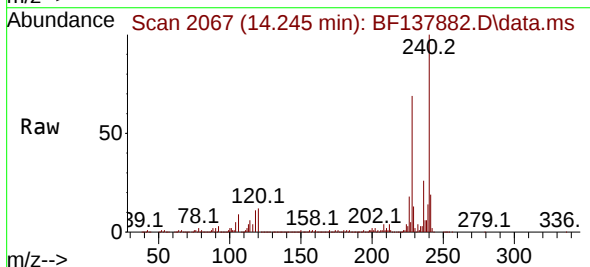
Tgt Ion:202 Resp: 1457628
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.6 0.0 37.8

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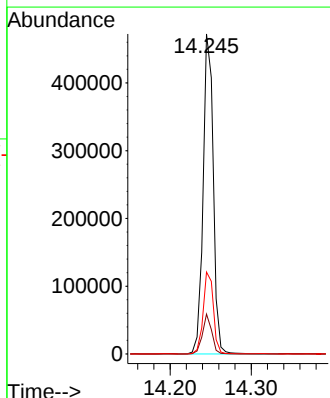
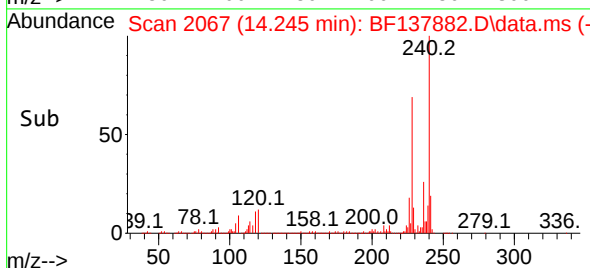
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

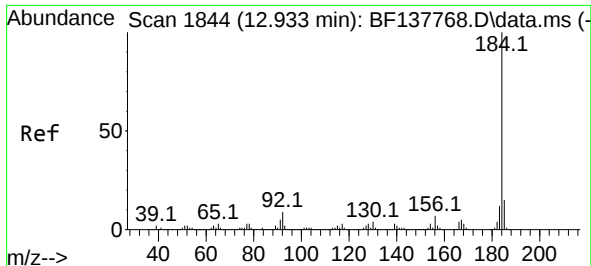


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:240 Resp: 409629
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 25.6 20.4 30.6





#77
Benzidine
Concen: 33.823 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

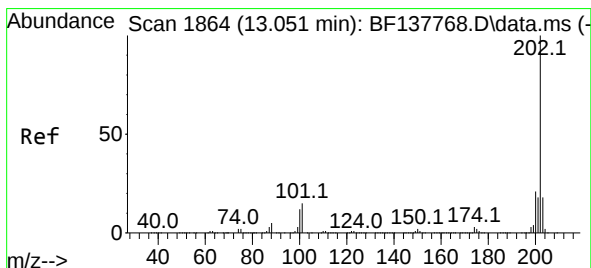
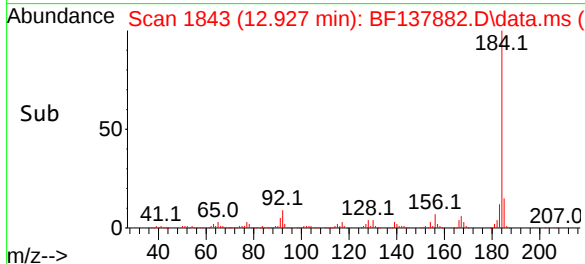
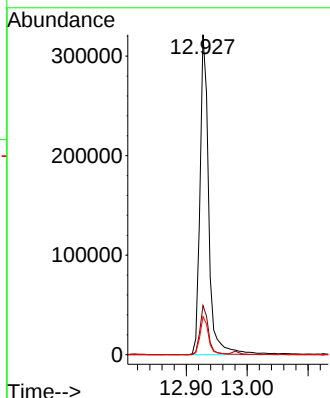
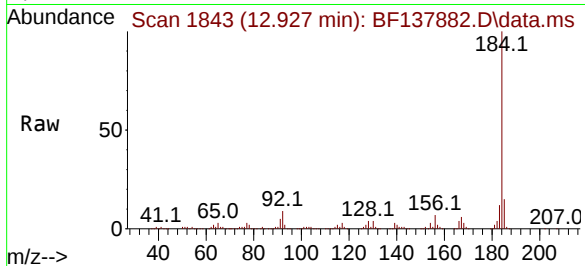
PB160779BS

Tgt Ion:184 Resp: 320428
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 11.9 9.2 13.8

Manual Integrations

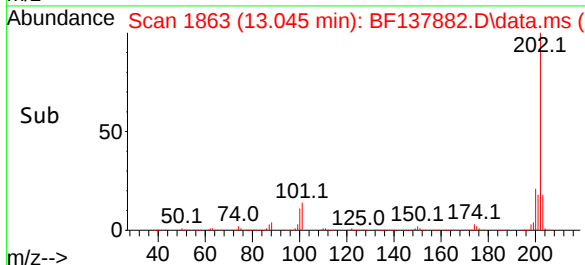
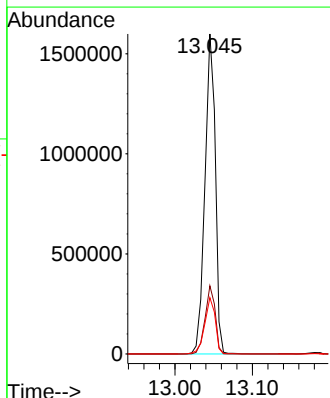
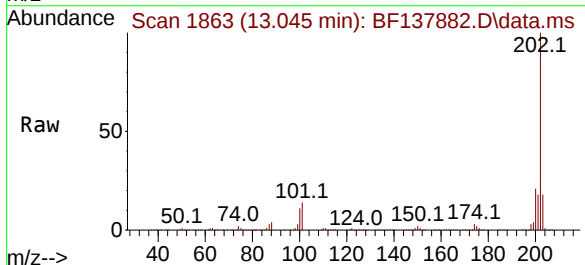
APPROVED

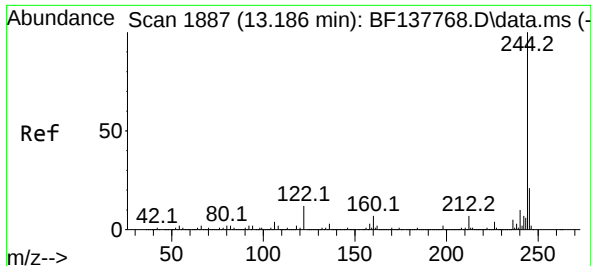
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#78
Pyrene
Concen: 45.831 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:202 Resp: 1488539
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.4 21.6





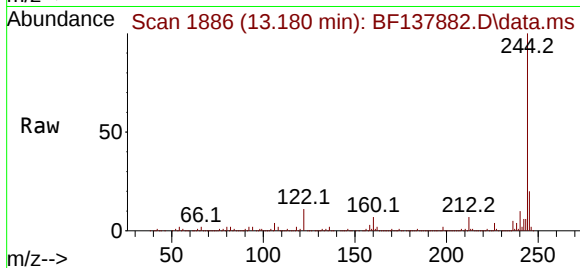
#79
 Terphenyl-d14
 Concen: 92.692 ng
 RT: 13.180 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



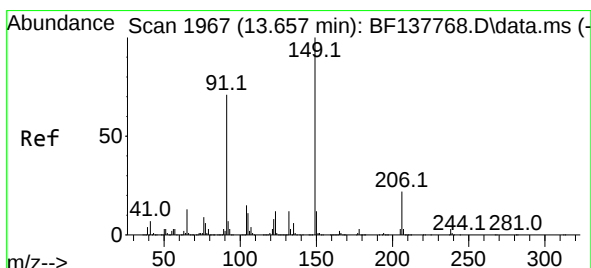
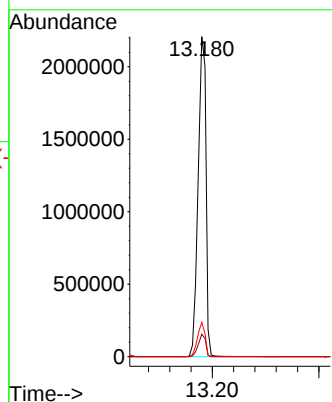
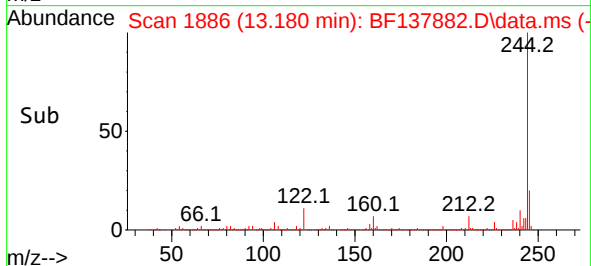
Tgt Ion:244 Resp: 2265650
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.7 9.4 14.2

Manual Integrations

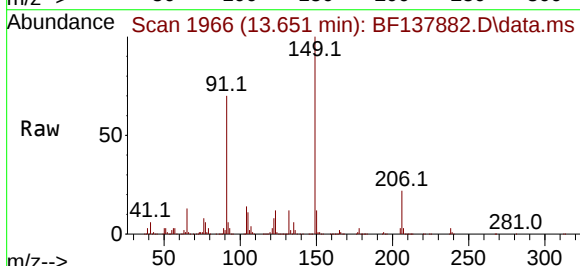
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

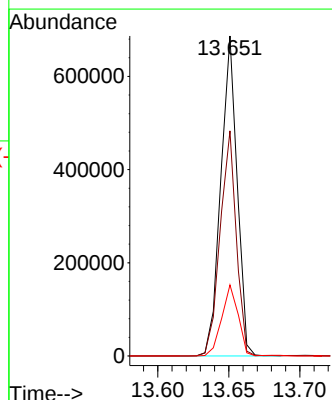
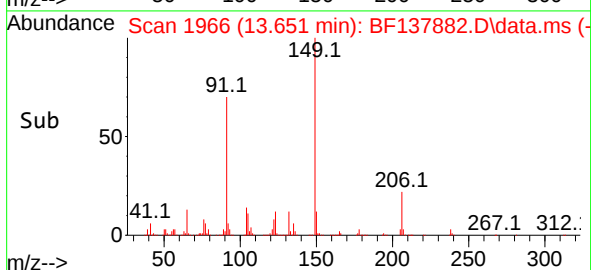
Supervised By :mohammad ahmed 05/13/2024

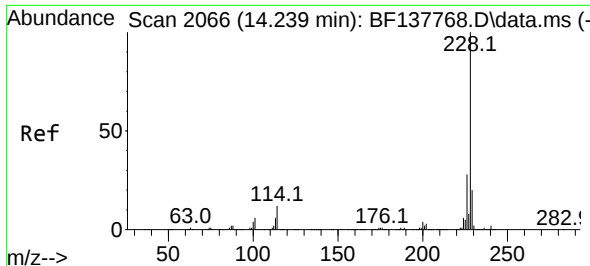


#80
 Butylbenzylphthalate
 Concen: 53.195 ng
 RT: 13.651 min Scan# 1966
 Delta R.T. -0.006 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47



Tgt Ion:149 Resp: 548165
 Ion Ratio Lower Upper
 149 100
 91 70.3 56.8 85.2
 206 22.2 17.8 26.8





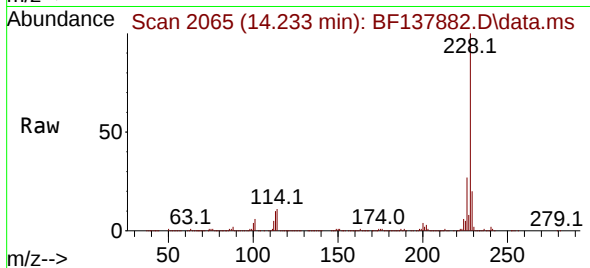
#81
Benzo(a)anthracene
Concen: 44.696 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

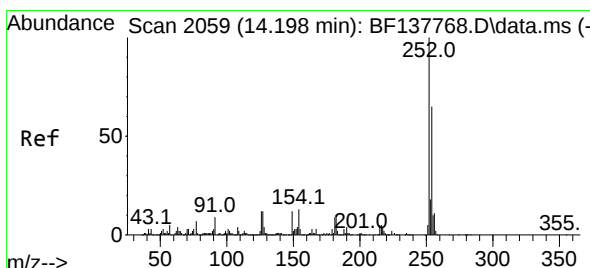
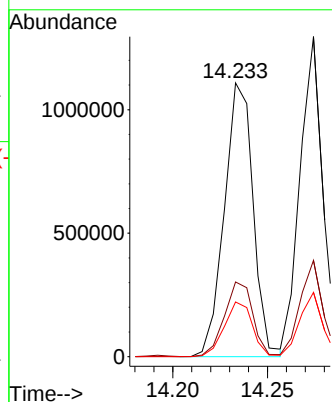
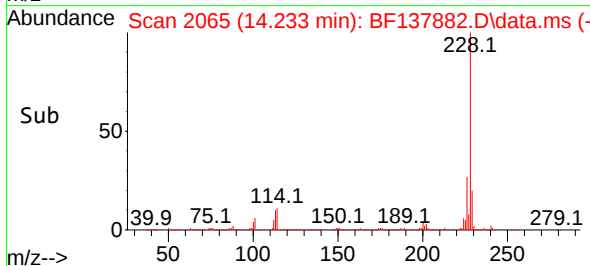


Tgt Ion:228 Resp: 1171000
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.0 16.3 24.5

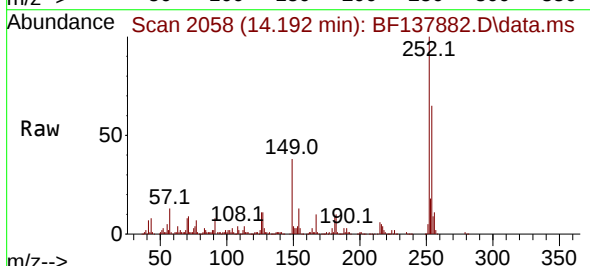
Manual Integrations

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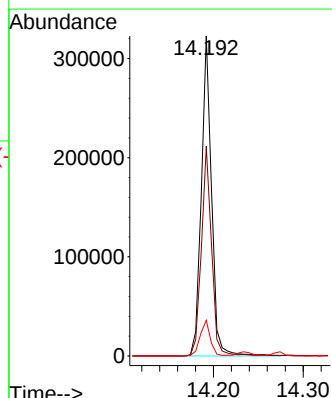
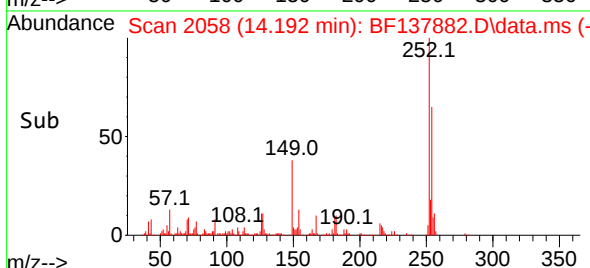
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

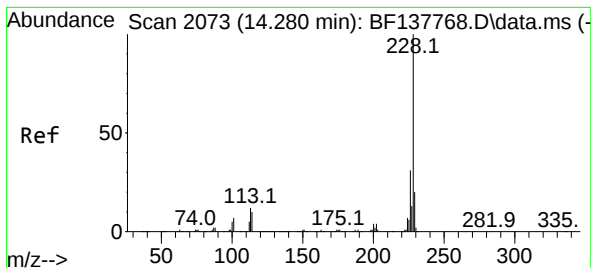


#82
3,3'-Dichlorobenzidine
Concen: 32.571 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:252 Resp: 255463
Ion Ratio Lower Upper
252 100
254 65.5 51.7 77.5
126 11.1 9.7 14.5





#83

Chrysene

Concen: 43.991 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

Tgt Ion:228 Resp: 107916

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

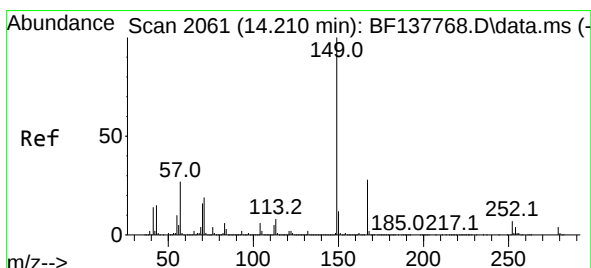
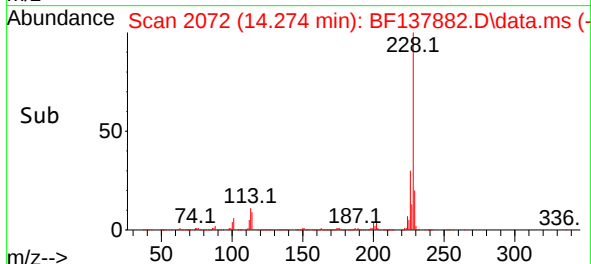
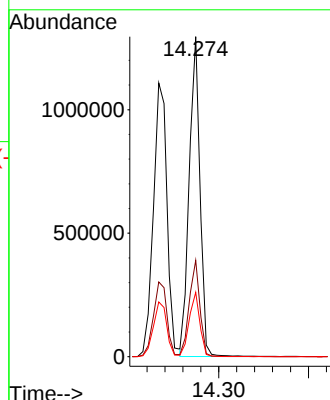
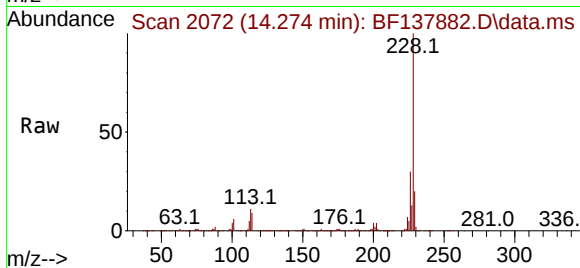
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.253 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137882.D

Acq: 10 May 2024 15:47

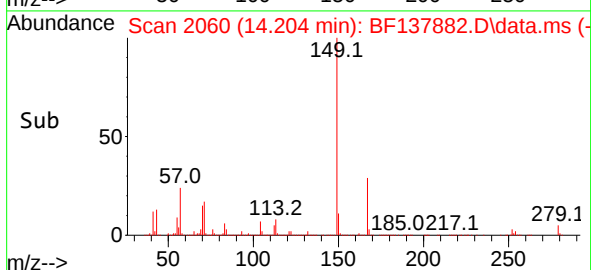
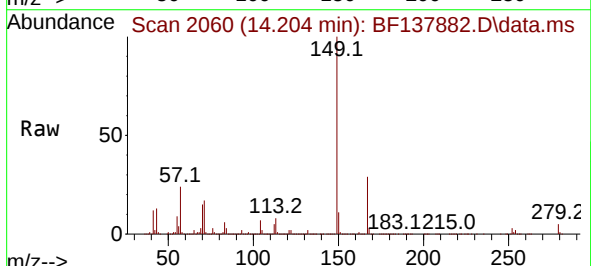
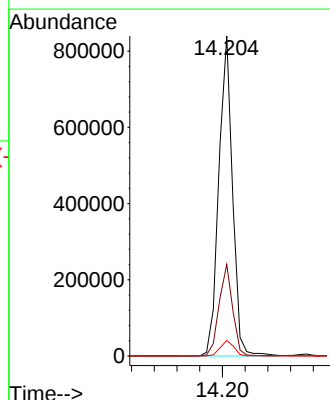
Tgt Ion:149 Resp: 704583

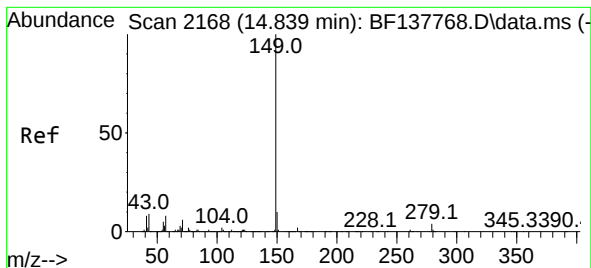
Ion Ratio Lower Upper

149 100

167 28.6 22.4 33.6

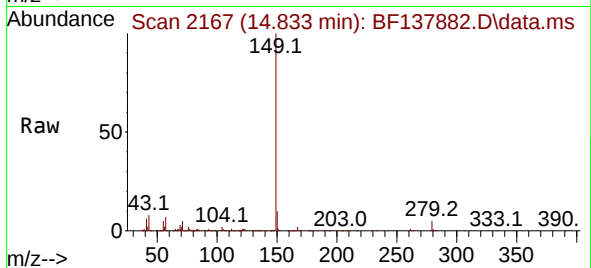
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 55.301 ng
RT: 14.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

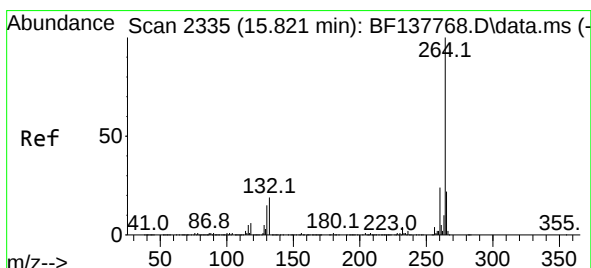
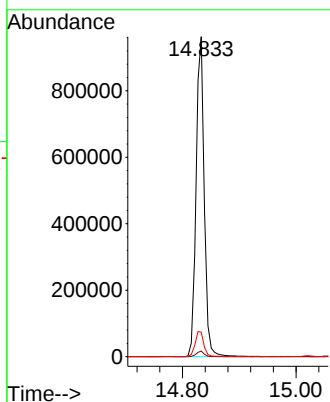
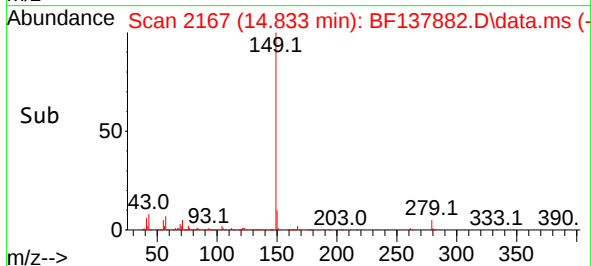
Instrument :
BNA_F
ClientSampleId :
PB160779BS



Tgt Ion:149 Resp: 96656
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.2 7.5 11.3

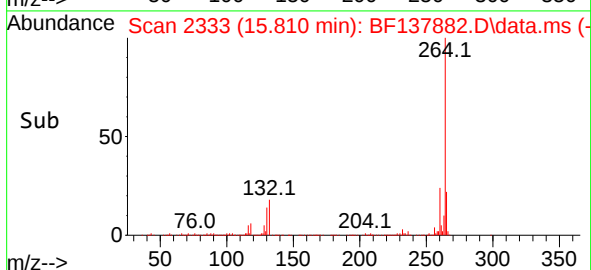
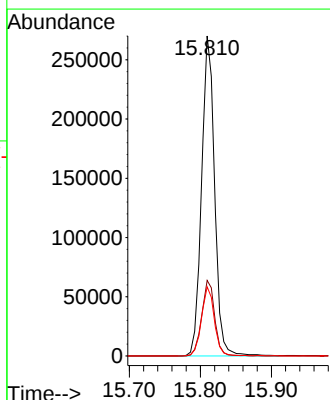
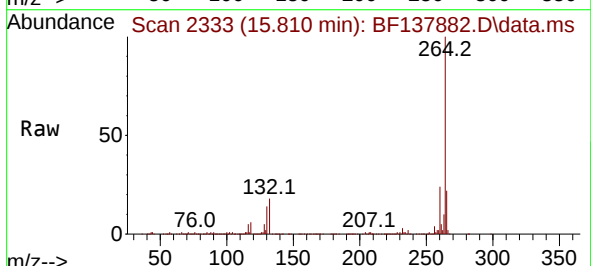
Manual Integrations
APPROVED

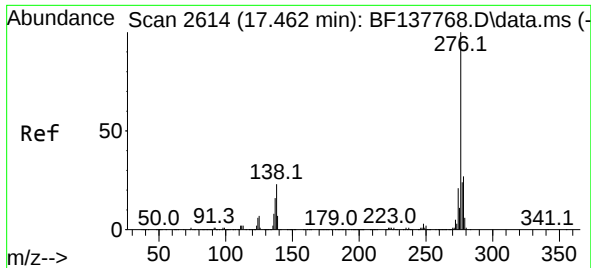
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.810 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:264 Resp: 345808
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.6 17.4 26.0





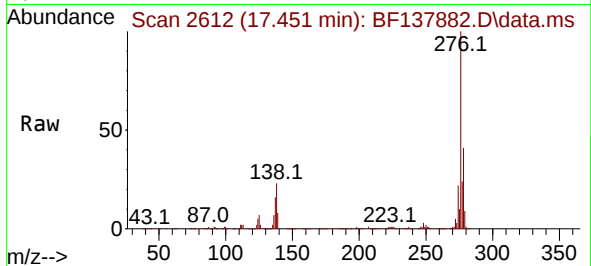
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.433 ng
 RT: 17.451 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS

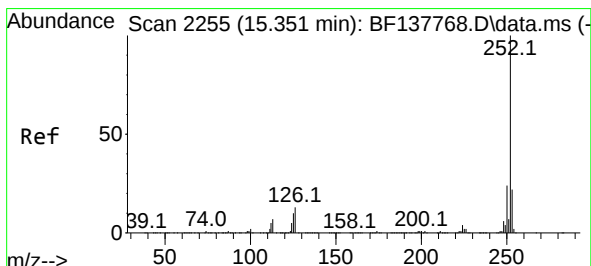
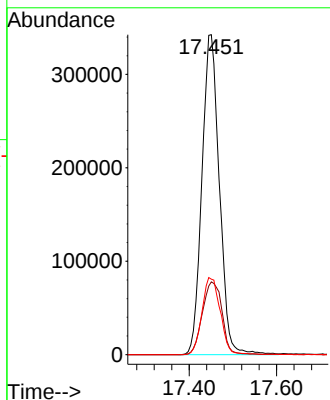
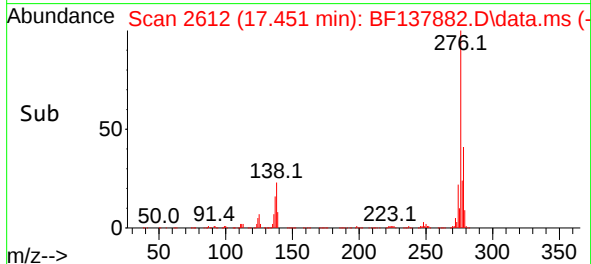


Tgt Ion:276 Resp: 95220
 Ion Ratio Lower Upper
 276 100
 138 25.6 21.4 32.0
 277 25.3 20.1 30.1

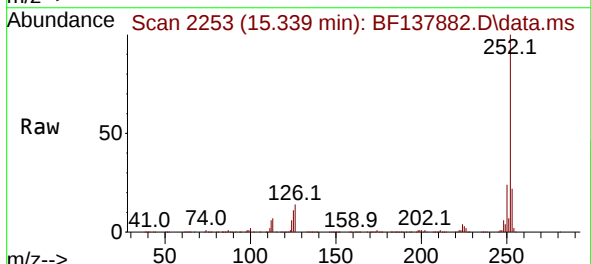
Manual Integrations

APPROVED

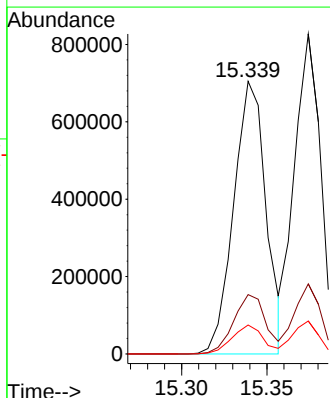
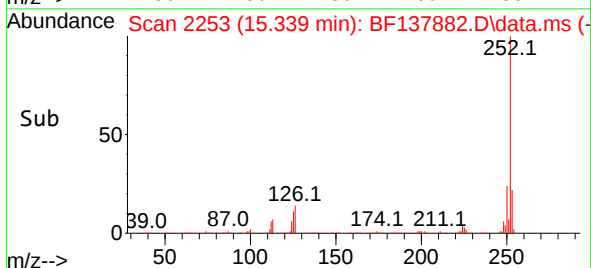
Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

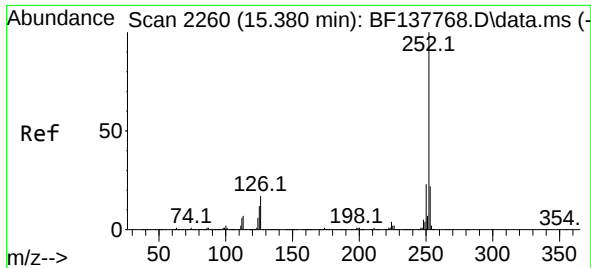


#88
 Benzo(b)fluoranthene
 Concen: 43.262 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. -0.012 min
 Lab File: BF137882.D
 Acq: 10 May 2024 15:47



Tgt Ion:252 Resp: 930796
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.6 7.9 11.9





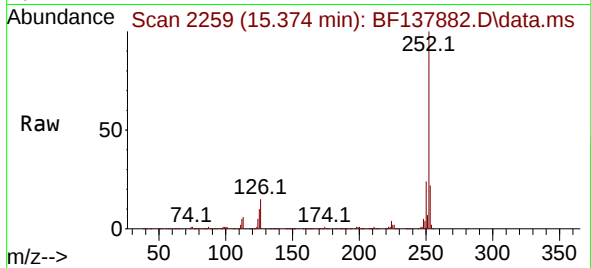
#89
Benzo(k)fluoranthene
Concen: 43.666 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB160779BS



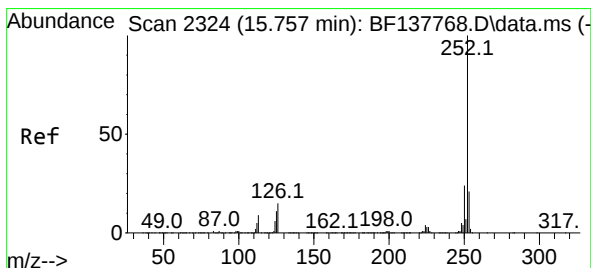
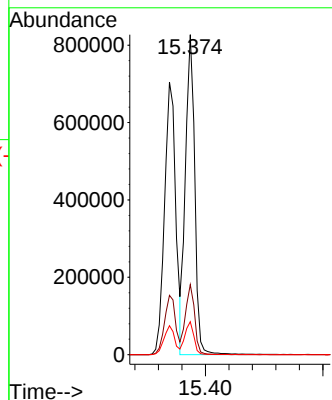
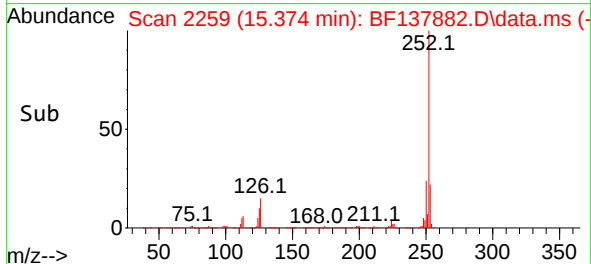
Tgt Ion:252 Resp: 908044
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 9.0 13.4

Manual Integrations

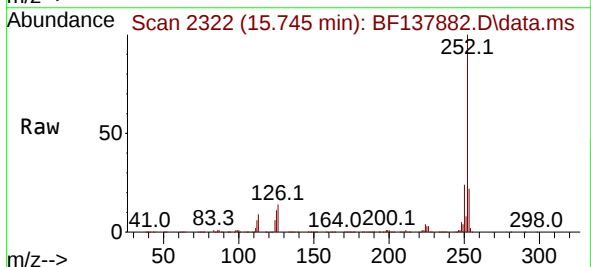
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

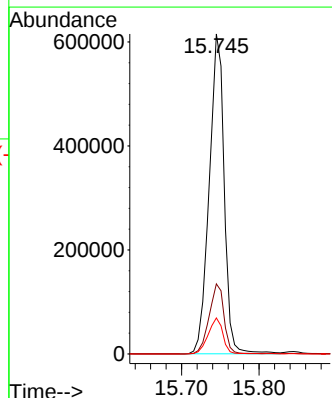
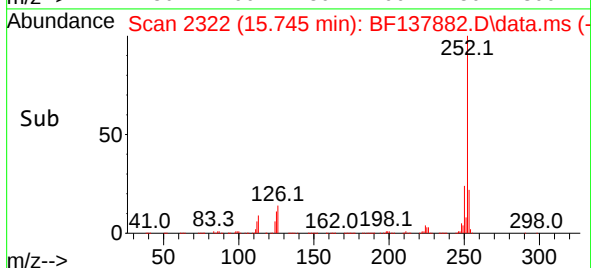
Supervised By :mohammad ahmed 05/13/2024

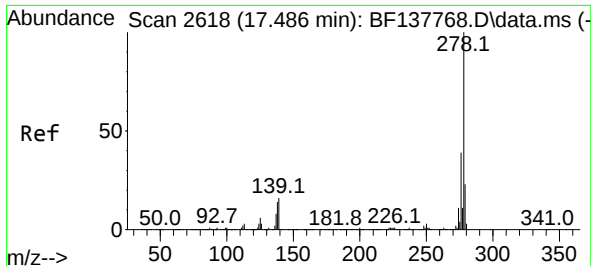


#90
Benzo(a)pyrene
Concen: 47.085 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47



Tgt Ion:252 Resp: 826477
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 48.351 ng
RT: 17.468 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Instrument :

BNA_F

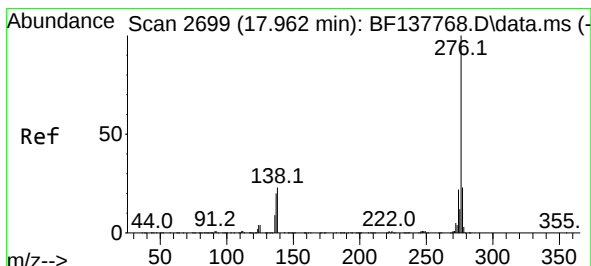
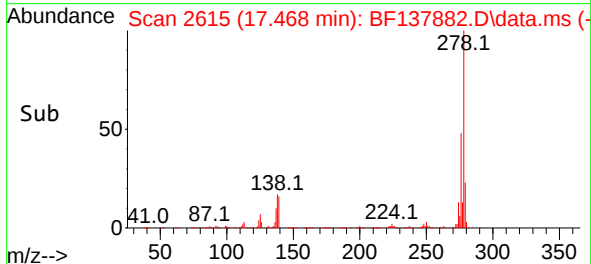
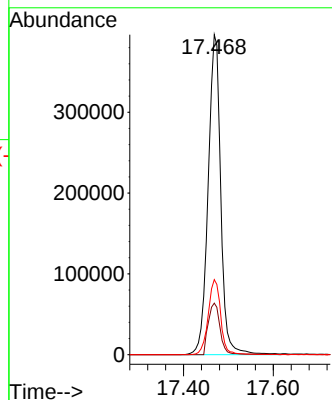
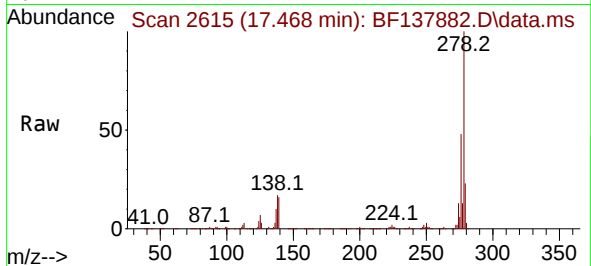
ClientSampleId :

PB160779BS

Tgt Ion:278 Resp: 77376
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.6
279 23.5 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: 43.144 ng
RT: 17.951 min Scan# 2697
Delta R.T. -0.012 min
Lab File: BF137882.D
Acq: 10 May 2024 15:47

Tgt Ion:276 Resp: 723783
Ion Ratio Lower Upper
276 100
277 24.3 18.0 27.0
138 23.2 18.1 27.1

