

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140451.D
 Acq On : 18 Nov 2024 13:43
 Operator : RC/JU
 Sample : PB164965BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164965BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 14:06:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140577	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	538294	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	298624	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	550937	20.000	ng	0.00
76) Chrysene-d12	14.051	240	293933	20.000	ng	0.00
86) Perylene-d12	15.557	264	265318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	988360	120.042	ng	0.02
7) Phenol-d6	6.516	99	1287003	115.374	ng	0.01
23) Nitrobenzene-d5	7.440	82	853546	82.617	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	372592	125.470	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1560344	83.996	ng	0.00
79) Terphenyl-d14	12.986	244	1682320	99.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	138228	37.668	ng	97
3) Pyridine	3.487	79	349864	38.781	ng	99
4) n-Nitrosodimethylamine	3.446	42	187698	41.166	ng	97
6) Aniline	6.540	93	358664	36.961	ng	# 55
8) 2-Chlorophenol	6.663	128	400770	45.314	ng	97
9) Benzaldehyde	6.428	77	272322	40.732	ng	98
10) Phenol	6.534	94	492605	41.874	ng	76
11) bis(2-Chloroethyl)ether	6.610	93	391816	43.958	ng	100
12) 1,3-Dichlorobenzene	6.816	146	408327	41.844	ng	99
13) 1,4-Dichlorobenzene	6.893	146	416765	42.120	ng	99
14) 1,2-Dichlorobenzene	7.045	146	400274	43.576	ng	99
15) Benzyl Alcohol	7.022	79	357741	44.513	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	523591	42.527	ng	71
17) 2-Methylphenol	7.134	107	317926	43.697	ng	# 93
18) Hexachloroethane	7.387	117	158253	43.263	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	287259	42.638	ng	99
20) 3+4-Methylphenols	7.287	107	394860	43.397	ng	96
22) Acetophenone	7.281	105	534257	42.674	ng	98
24) Nitrobenzene	7.457	77	439172	40.828	ng	99
25) Isophorone	7.692	82	784864	42.865	ng	99
26) 2-Nitrophenol	7.769	139	212465	44.510	ng	97
27) 2,4-Dimethylphenol	7.810	122	323362	52.913	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	483206	43.038	ng	100
29) 2,4-Dichlorophenol	8.016	162	336733	44.585	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	349063	41.513	ng	99
31) Naphthalene	8.175	128	1148948	42.076	ng	100
32) Benzoic acid	7.940	122	220343	40.976	ng	98
33) 4-Chloroaniline	8.228	127	176251	18.560	ng	97
34) Hexachlorobutadiene	8.292	225	226303	42.241	ng	99
35) Caprolactam	8.592	113	105467m	42.015	ng	
36) 4-Chloro-3-methylphenol	8.716	107	363503	43.431	ng	100
37) 2-Methylnaphthalene	8.869	142	755401	43.142	ng	100
38) 1-Methylnaphthalene	8.969	142	699464	40.794	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	353361	42.790	ng	98
41) Hexachlorocyclopentadiene	9.022	237	358651	169.155	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	240223	44.327	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	250197	42.226	ng	97
46) 1,1'-Biphenyl	9.334	154	938022	43.177	ng	99
47) 2-Chloronaphthalene	9.357	162	697750	42.162	ng	99
48) 2-Nitroaniline	9.457	65	236918	43.167	ng	99
49) Acenaphthylene	9.775	152	1146157	45.775	ng	100
50) Dimethylphthalate	9.634	163	863967	44.387	ng	100
51) 2,6-Dinitrotoluene	9.698	165	185354	41.770	ng	98
52) Acenaphthene	9.945	154	821806m	48.594	ng	
53) 3-Nitroaniline	9.869	138	119155	25.569	ng	100
54) 2,4-Dinitrophenol	9.981	184	201653	88.123	ng	98
55) Dibenzofuran	10.122	168	1040656	43.468	ng	100
56) 4-Nitrophenol	10.045	139	267843	78.796	ng	98
57) 2,4-Dinitrotoluene	10.104	165	251807	43.117	ng	99
58) Fluorene	10.463	166	814274	43.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	211430	45.193	ng	99
60) Diethylphthalate	10.334	149	863171	43.368	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	404884	43.363	ng	99
62) 4-Nitroaniline	10.486	138	192989	40.502	ng	99
63) Azobenzene	10.610	77	853856	43.418	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	141693	47.802	ng	95
66) n-Nitrosodiphenylamine	10.575	169	711838	44.718	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	242884	44.103	ng	97
68) Hexachlorobenzene	11.010	284	273460	44.132	ng	99
69) Atrazine	11.098	200	240457	49.928	ng	99
70) Pentachlorophenol	11.210	266	271329	81.290	ng	98
71) Phenanthrene	11.428	178	1153760	44.580	ng	100
72) Anthracene	11.480	178	1186603	46.782	ng	99
73) Carbazole	11.633	167	1073905	42.879	ng	100
74) Di-n-butylphthalate	11.957	149	1317109	43.817	ng	100
75) Fluoranthene	12.616	202	1223922	42.152	ng	100
77) Benzidine	12.739	184	308215	27.321	ng	99
78) Pyrene	12.845	202	1232949	49.039	ng	99
80) Butylbenzylphthalate	13.457	149	483921	50.104	ng	98
81) Benzo(a)anthracene	14.039	228	902781	46.733	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	165597	26.969	ng	99
83) Chrysene	14.080	228	770739	43.727	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	621036	48.173	ng	100
85) Di-n-octyl phthalate	14.657	149	814783	44.875	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	831320	50.723	ng	100
88) Benzo(b)fluoranthene	15.116	252	718346	41.389	ng	100
89) Benzo(k)fluoranthene	15.145	252	621683	43.847	ng	99
90) Benzo(a)pyrene	15.492	252	647623	48.051	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	684678	50.539	ng	100
92) Benzo(g,h,i)perylene	17.521	276	632716	45.684	ng	99

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

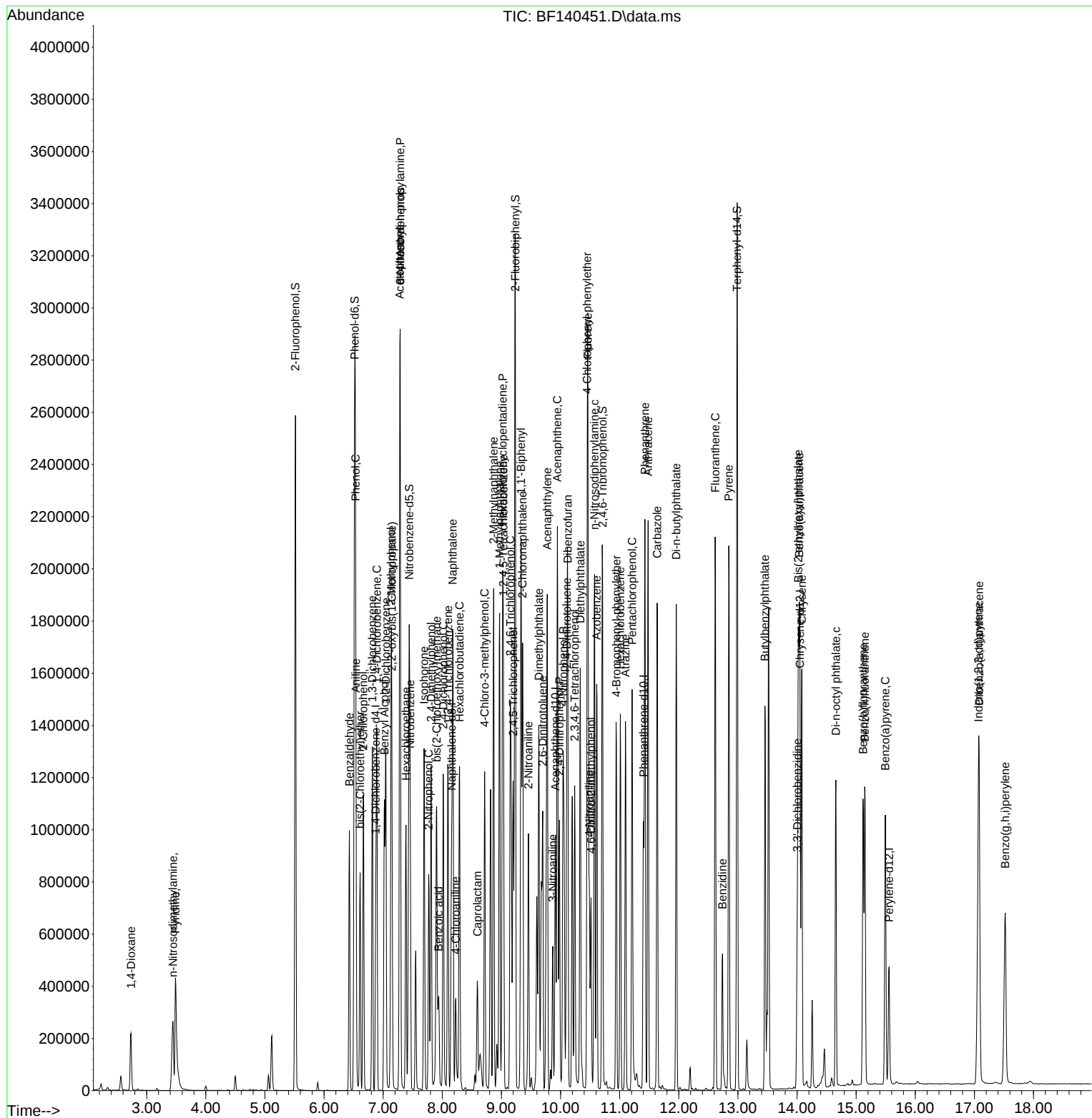
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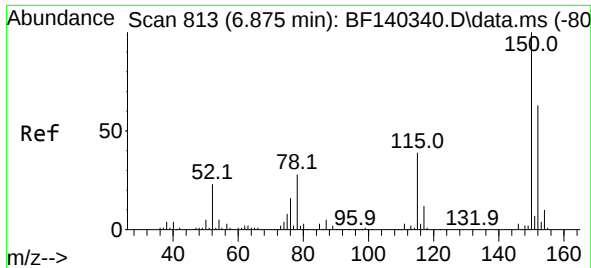
Instrument :
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ClientSampleId :
PB164965BS

Manual Integrations
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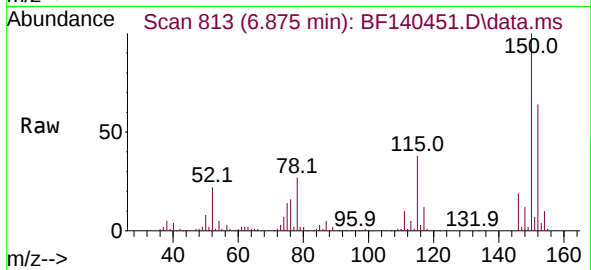
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140451.D
 Acq: 18 Nov 2024 13:43

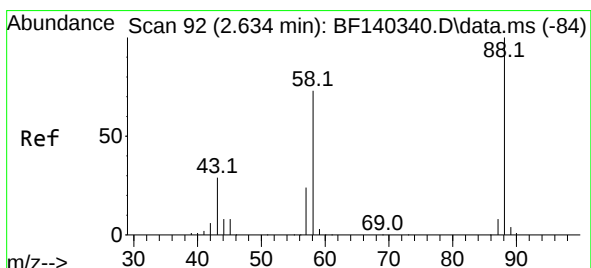
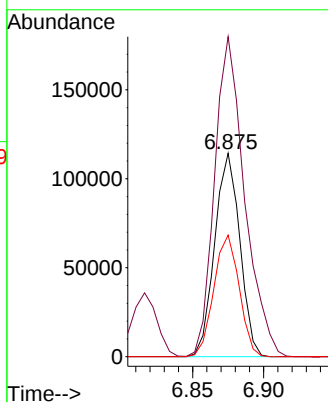
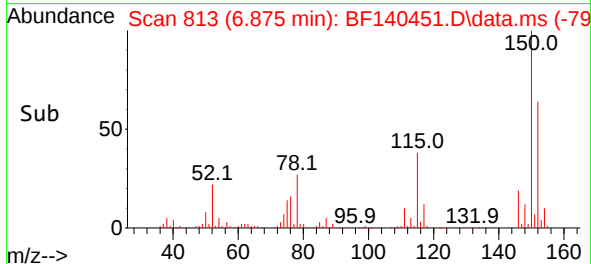
Instrument :
 BNA_F
 ClientSampleId :
 PB164965BS



Tgt Ion:152 Resp: 14057
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.0
 115 59.8 47.4 71.2

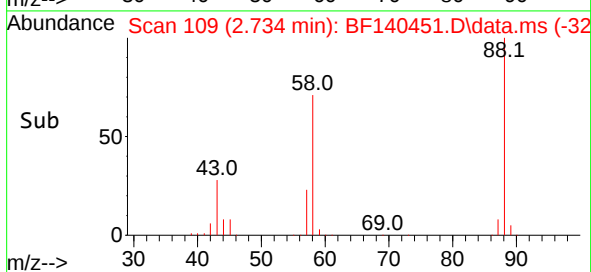
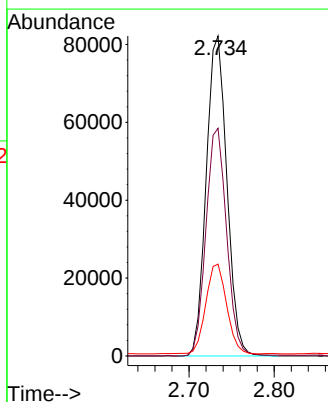
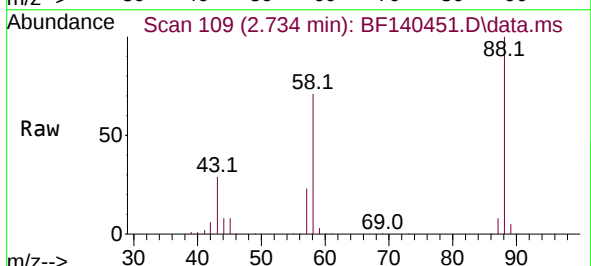
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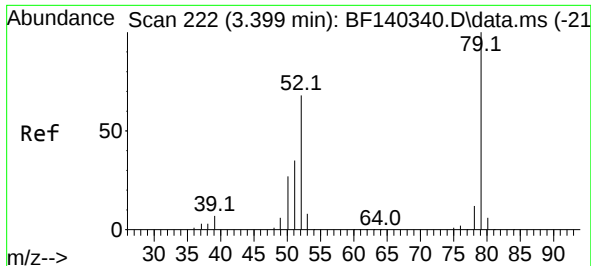
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#2
 1,4-Dioxane
 Concen: 37.668 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140451.D
 Acq: 18 Nov 2024 13:43

Tgt Ion: 88 Resp: 138228
 Ion Ratio Lower Upper
 88 100
 58 71.6 59.5 89.3
 43 28.5 23.4 35.2





#3
Pyridine
Concen: 38.781 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

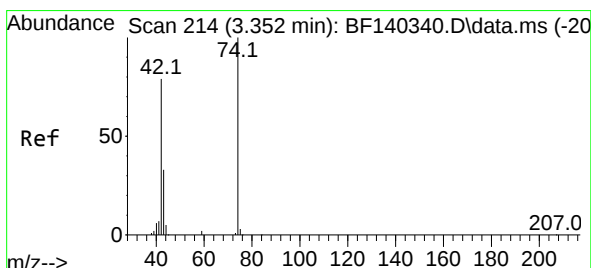
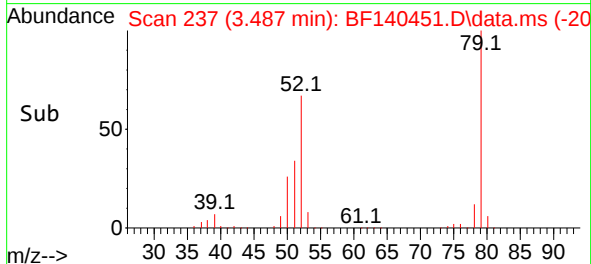
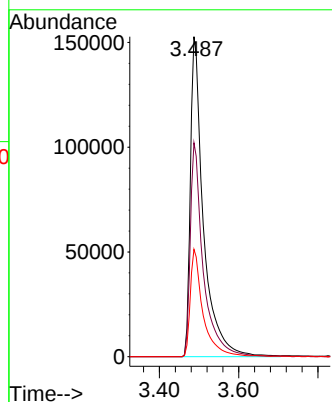
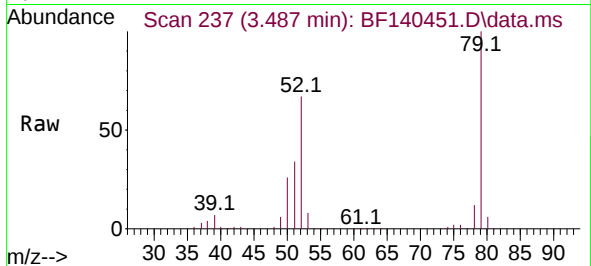
ClientSampleId :

PB164965BS

Tgt Ion: 79 Resp: 349864
Ion Ratio Lower Upper
79 100
52 66.9 53.8 80.6
51 33.5 27.3 40.9

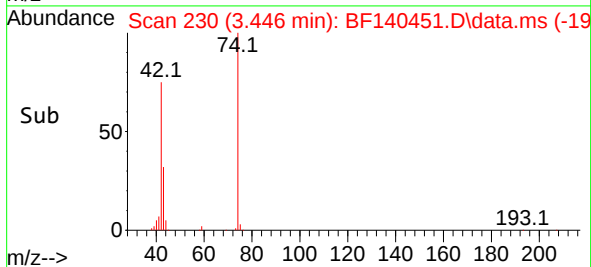
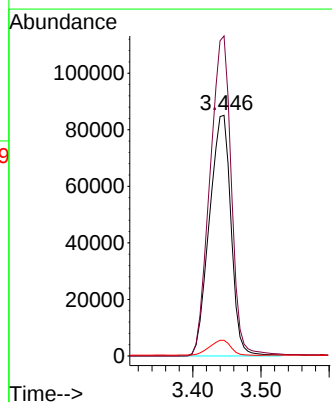
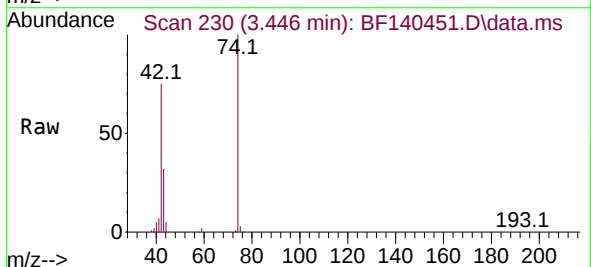
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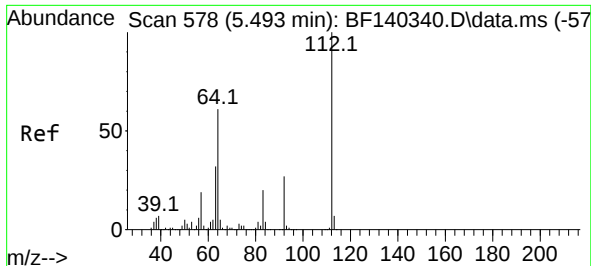
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#4
n-Nitrosodimethylamine
Concen: 41.166 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.088 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion: 42 Resp: 187698
Ion Ratio Lower Upper
42 100
74 133.0 103.5 155.3
44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 120.042 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

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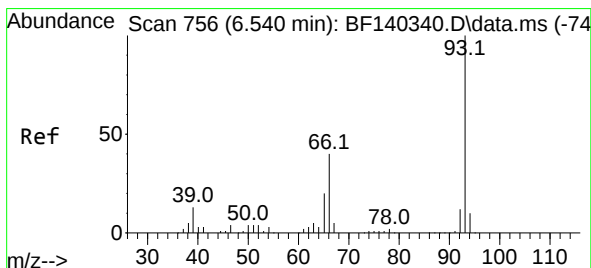
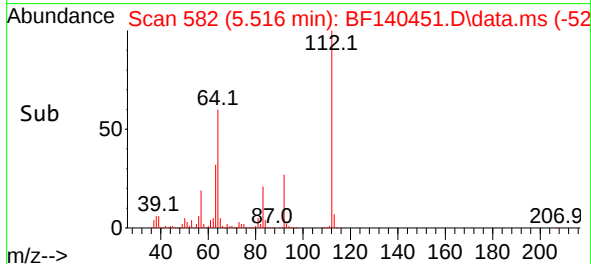
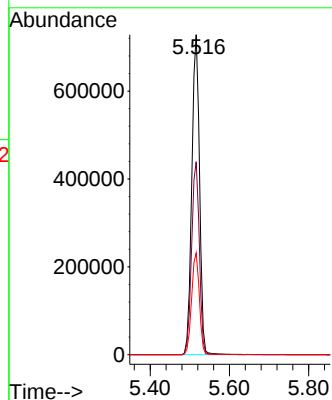
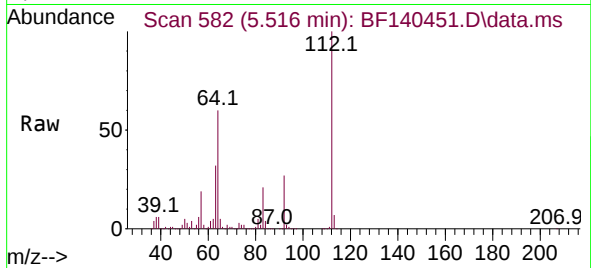
ClientSampleId :

PB164965BS

Tgt Ion:112 Resp: 988360
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.8 25.6 38.4

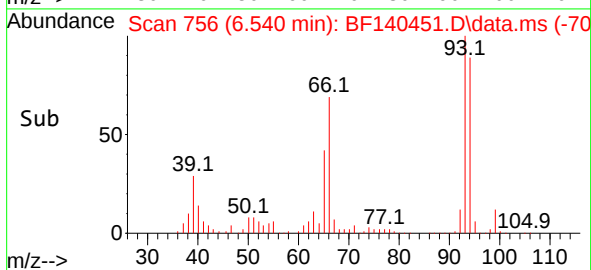
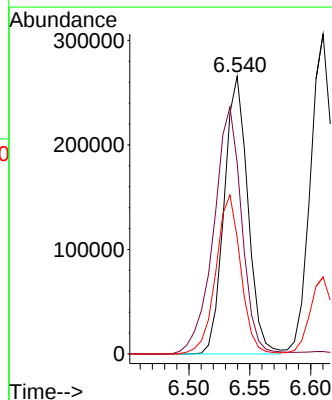
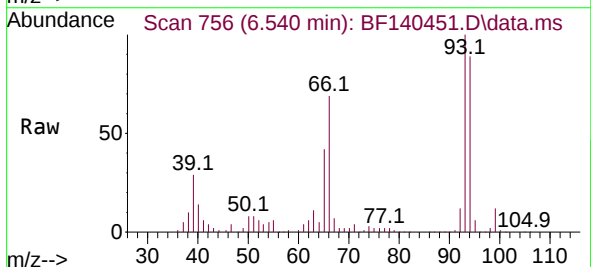
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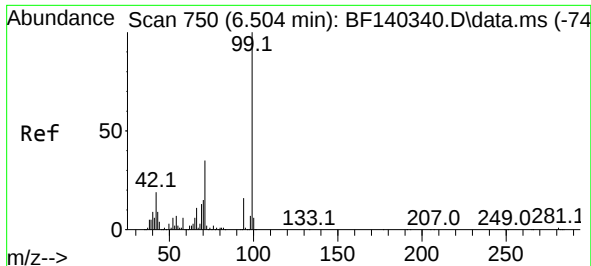
Reviewed By :Yogesh Patel 11/19/2024
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#6
Aniline
Concen: 36.961 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140451.D
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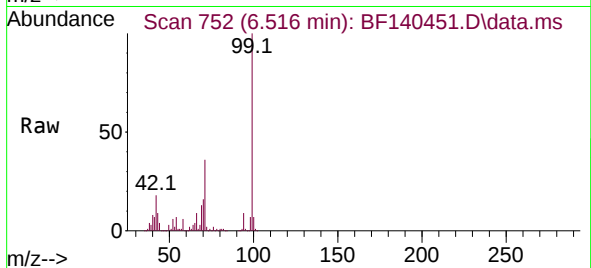
Tgt Ion: 93 Resp: 358664
Ion Ratio Lower Upper
93 100
66 68.9 32.8 49.2#
65 42.0 16.6 25.0#





#7
Phenol-d6
Concen: 115.374 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140451.D
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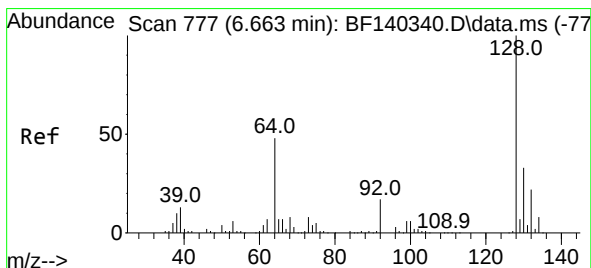
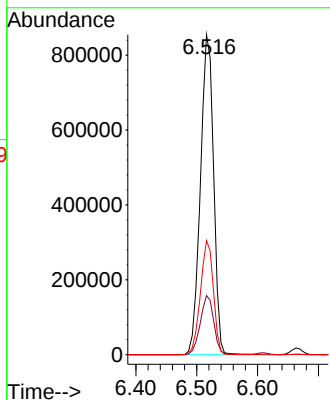
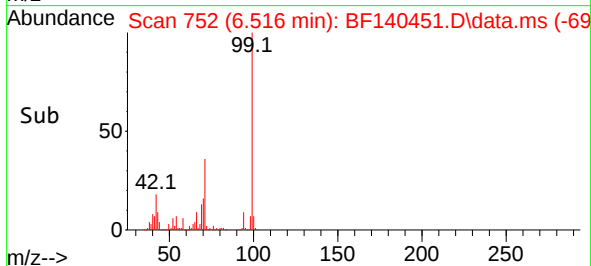
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Tgt Ion: 99 Resp: 128700
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.6 27.9 41.9

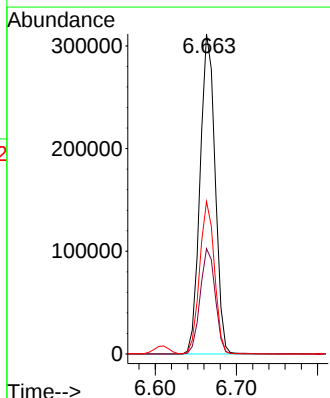
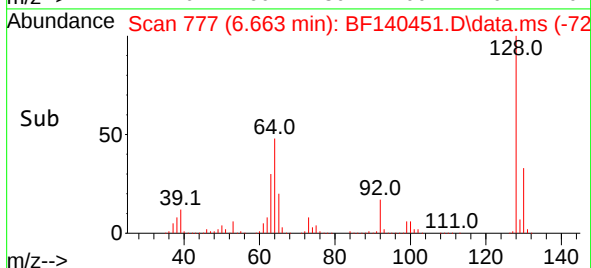
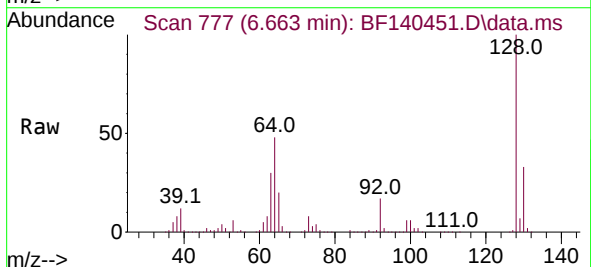
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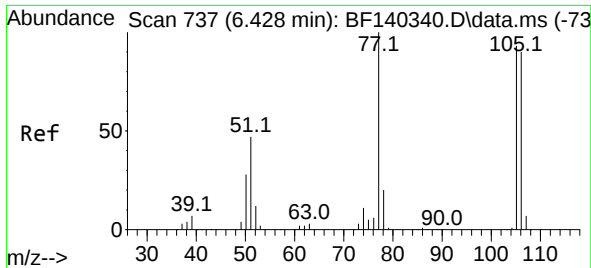
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 45.314 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:128 Resp: 400770
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 47.6 30.2 70.2





#9

Benzaldehyde

Concen: 40.732 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140451.D

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Instrument :

BNA_F

ClientSampleId :

PB164965BS

Tgt Ion: 77 Resp: 27232

Ion Ratio Lower Upper

77 100

105 96.5 74.4 114.4

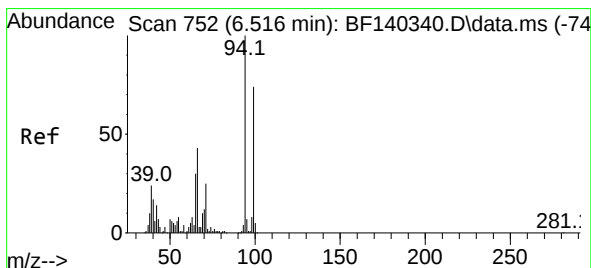
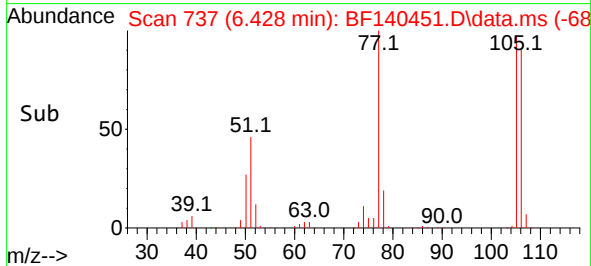
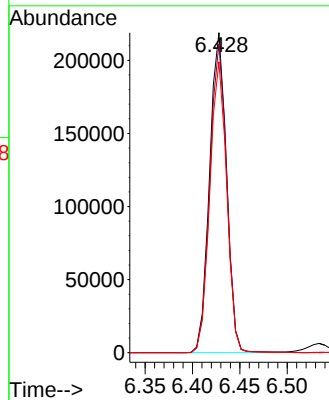
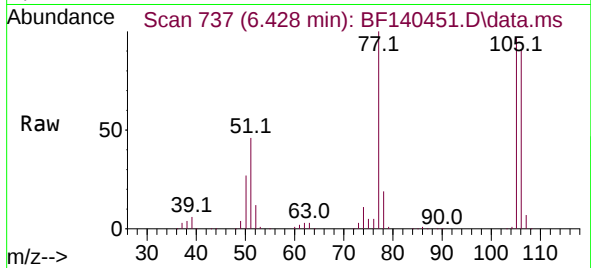
106 90.9 69.9 109.9

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#10

Phenol

Concen: 41.874 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

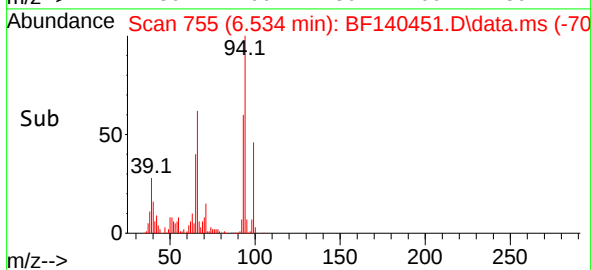
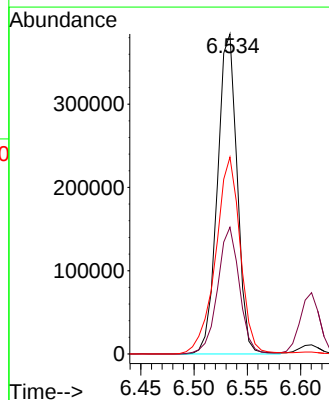
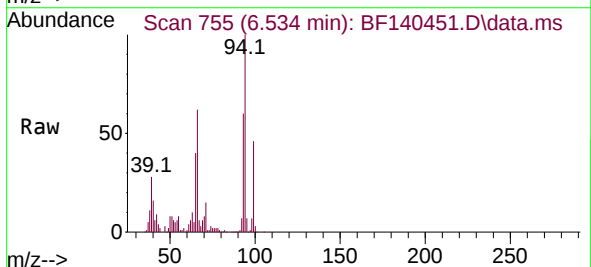
Tgt Ion: 94 Resp: 492605

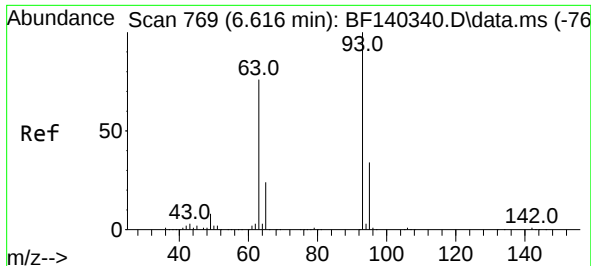
Ion Ratio Lower Upper

94 100

65 39.6 10.4 50.4

66 61.5 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 43.958 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

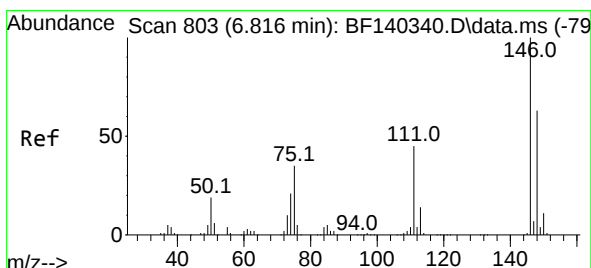
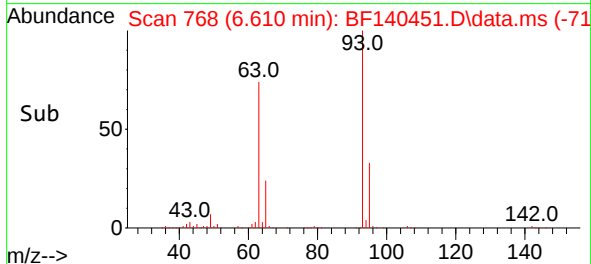
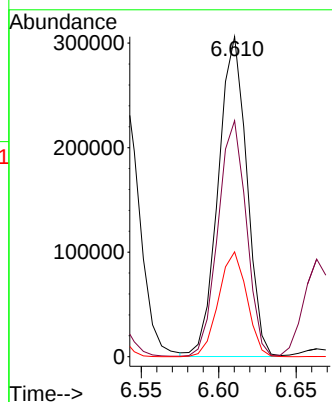
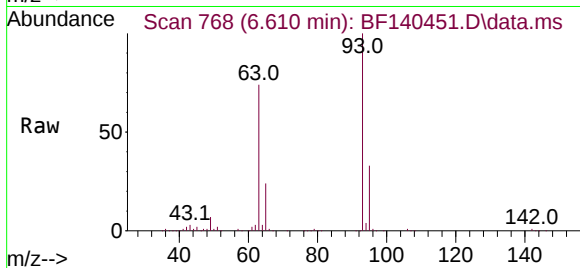
ClientSampleId :

PB164965BS

Tgt Ion: 93 Resp: 391810
Ion Ratio Lower Upper
93 100
63 73.7 54.0 94.0
95 32.7 12.9 52.9

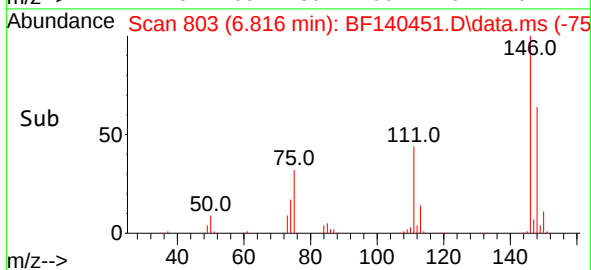
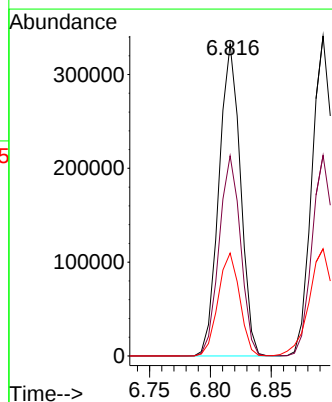
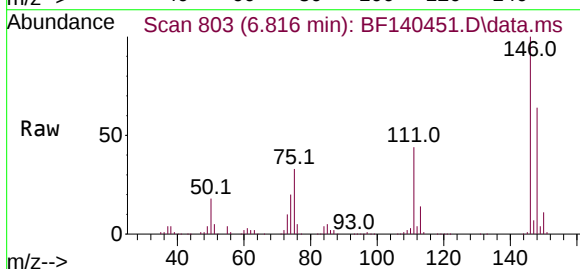
Manual Integrations
APPROVED

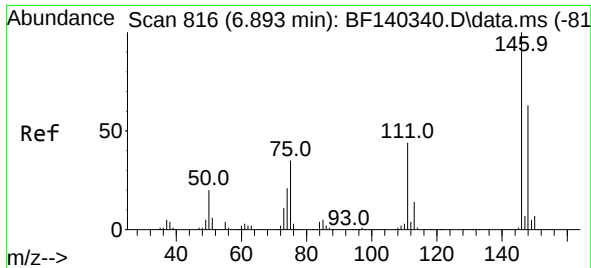
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 41.844 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:146 Resp: 408327
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
75 33.0 26.4 39.6





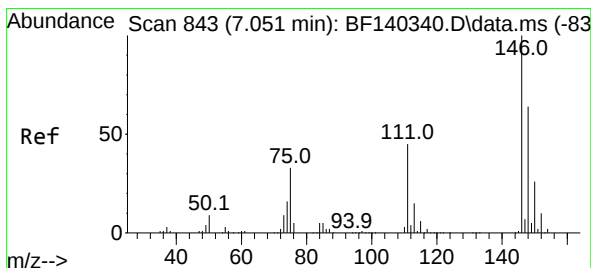
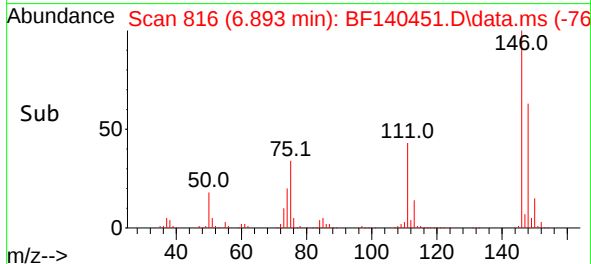
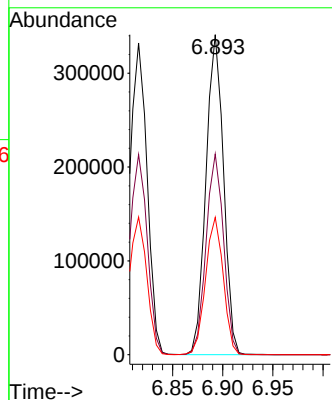
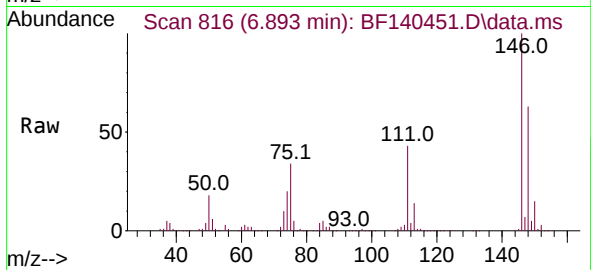
#13
1,4-Dichlorobenzene
Concen: 42.120 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164965BS

Tgt Ion:146 Resp: 41676
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
111 42.9 34.2 51.2

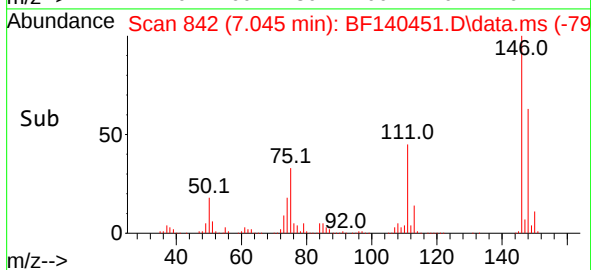
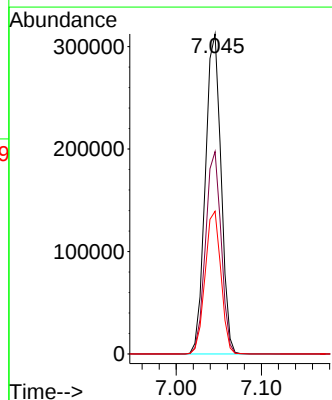
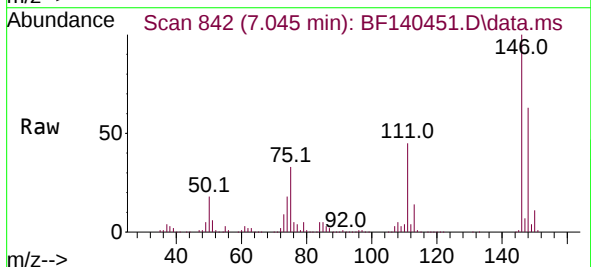
Manual Integrations
APPROVED

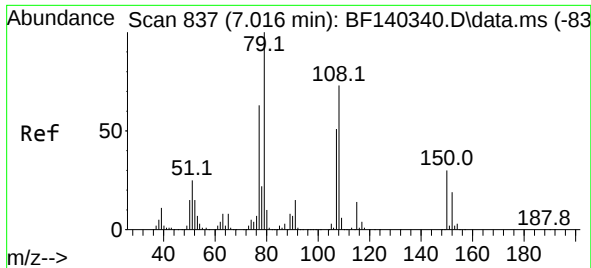
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 43.576 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:146 Resp: 400274
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 44.6 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.513 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

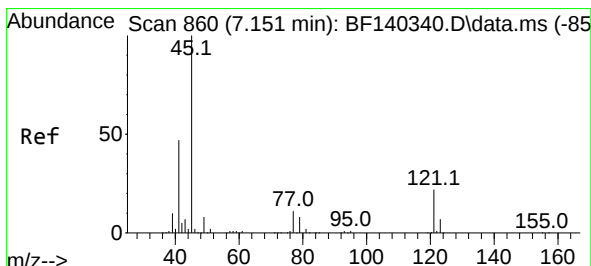
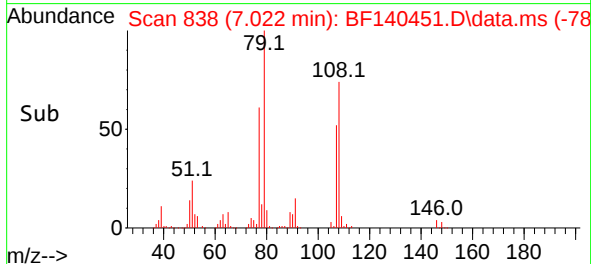
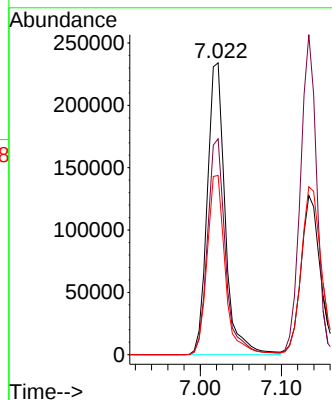
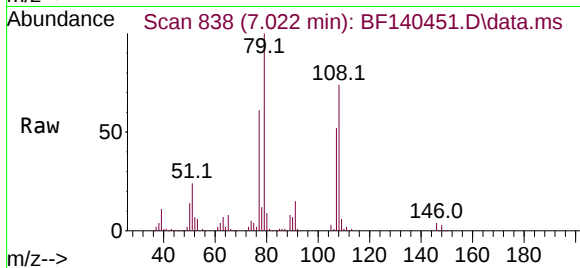
ClientSampleId :

PB164965BS

Tgt Ion: 79 Resp: 35774
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 61.4 49.8 74.6

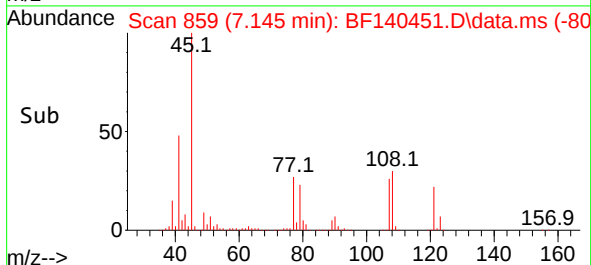
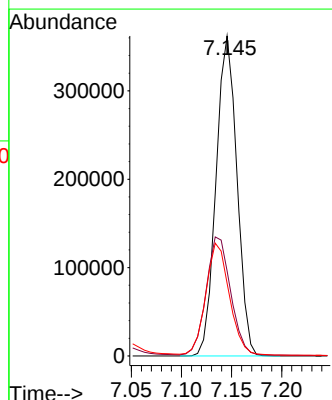
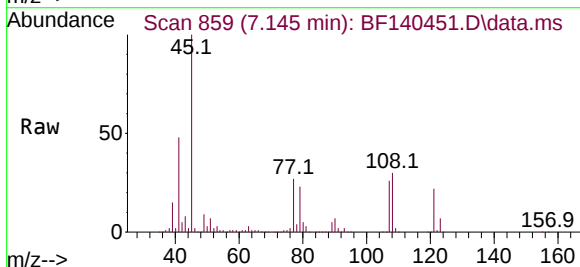
Manual Integrations
APPROVED

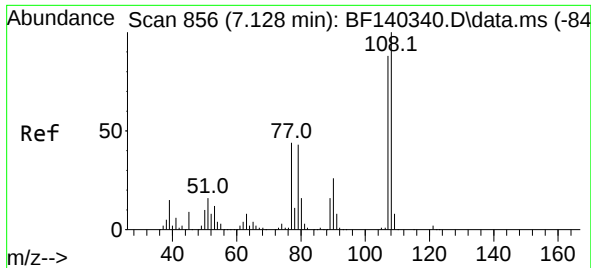
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.527 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion: 45 Resp: 523591
Ion Ratio Lower Upper
45 100
77 26.6 0.0 34.8
79 22.7 0.0 31.4





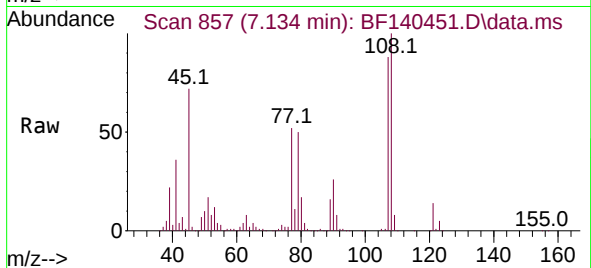
#17
2-Methylphenol
Concen: 43.697 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

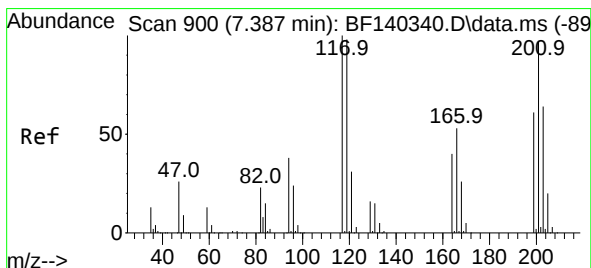
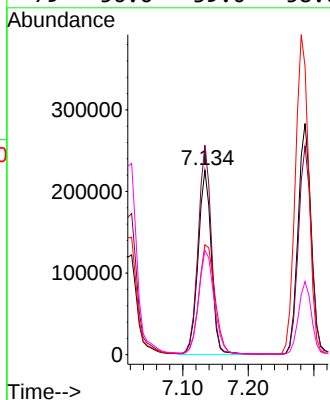


Tgt Ion:107 Resp: 317920
Ion Ratio Lower Upper
107 100
108 113.7 91.9 137.9
77 59.6 39.7 59.5
79 56.6 39.0 58.6

Manual Integrations

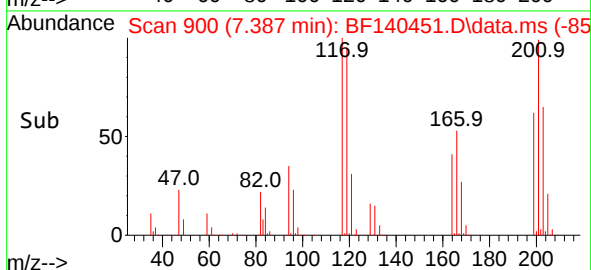
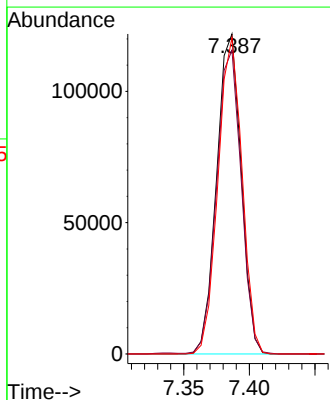
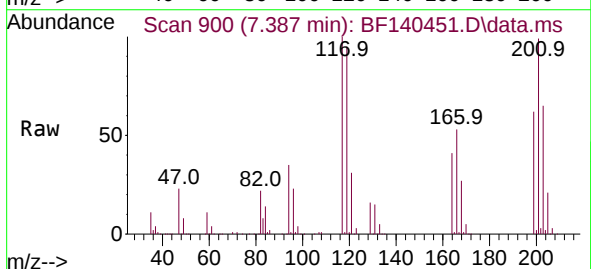
APPROVED

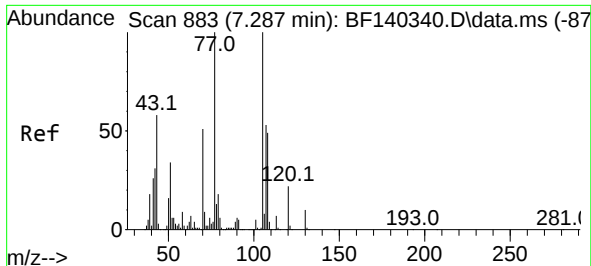
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 43.263 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:117 Resp: 158253
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3
201 98.9 80.2 120.4





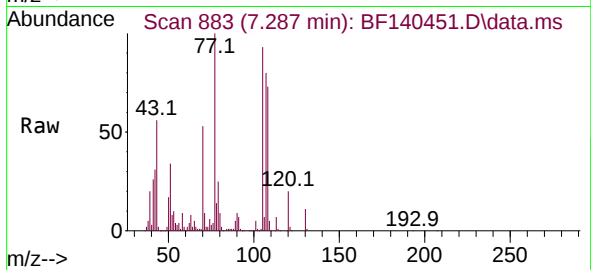
#19
n-Nitroso-di-n-propylamine
Concen: 42.638 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



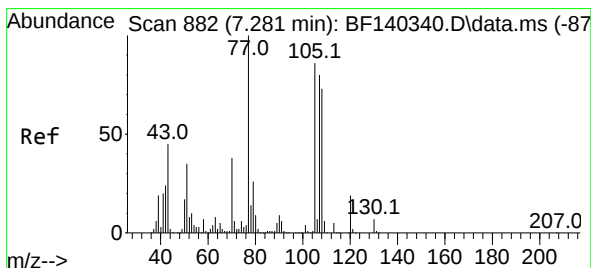
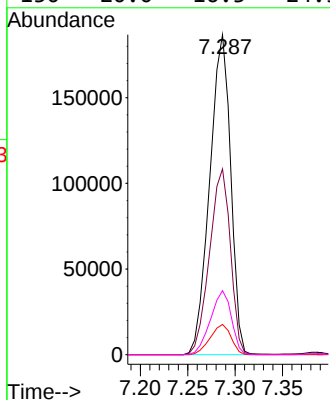
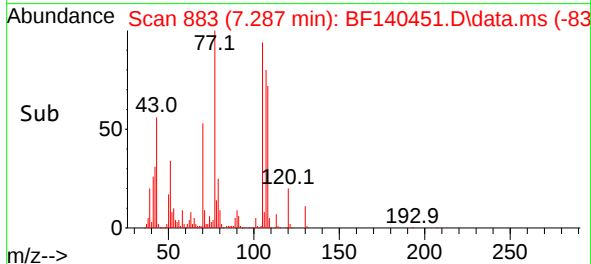
Tgt Ion: 70 Resp: 287259
Ion Ratio Lower Upper
70 100
42 58.0 46.8 70.2
101 9.4 7.5 11.3
130 20.0 16.3 24.5

Manual Integrations

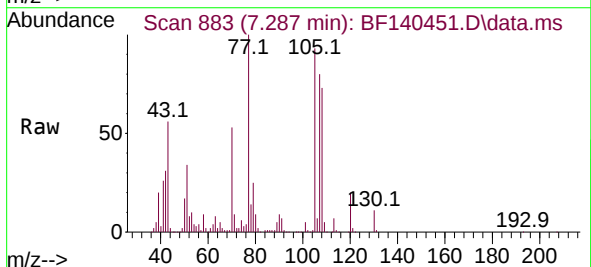
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

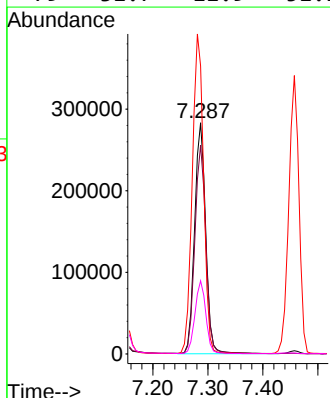
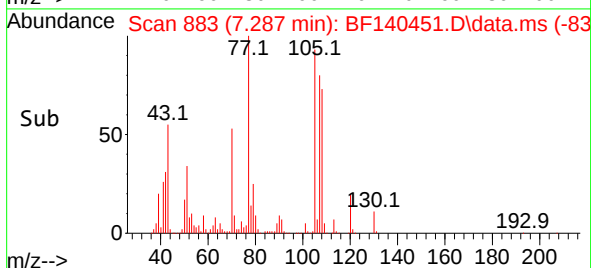
Supervised By :mohammad ahmed 11/19/2024

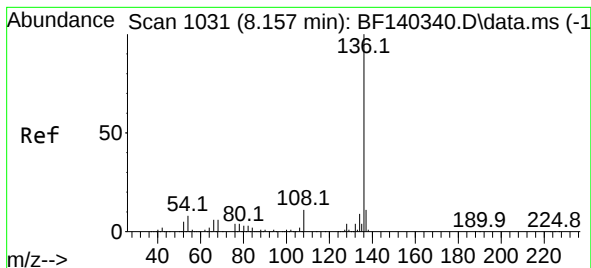


#20
3+4-Methylphenols
Concen: 43.397 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:107 Resp: 394860
Ion Ratio Lower Upper
107 100
108 90.3 71.4 111.4
77 124.6 97.0 137.0
79 31.7 11.9 51.9





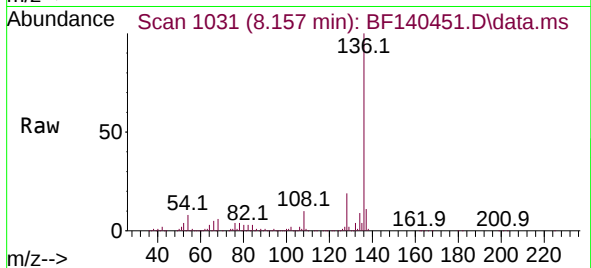
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



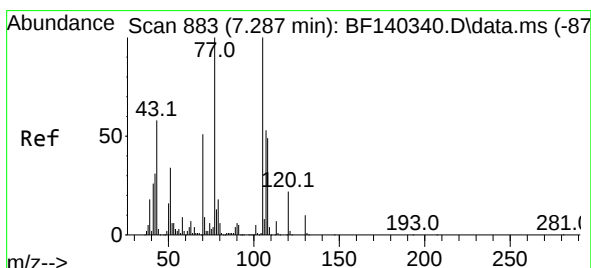
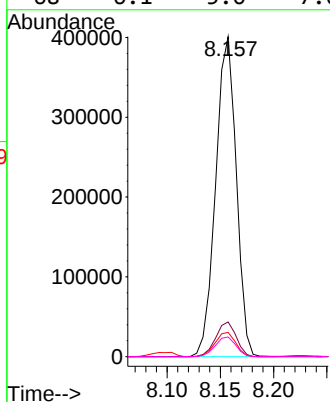
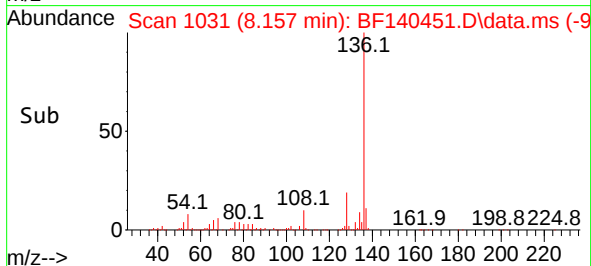
Tgt Ion:136 Resp: 538294
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 6.1 5.0 7.6

Manual Integrations

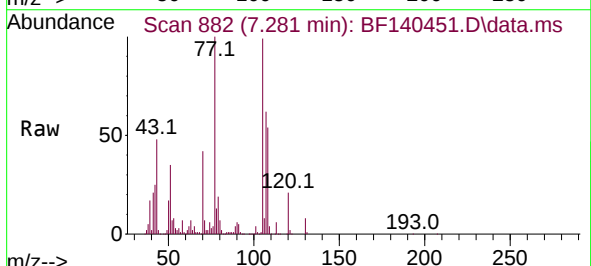
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

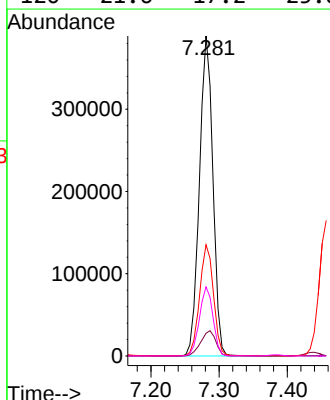
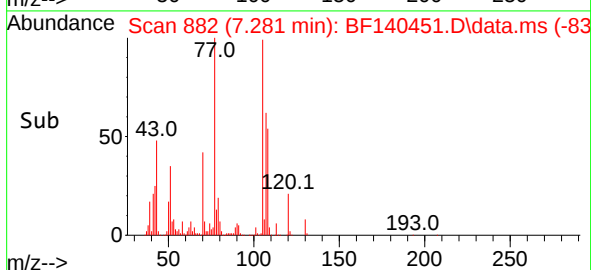
Supervised By :mohammad ahmed 11/19/2024

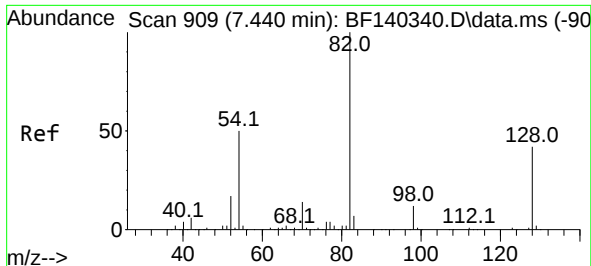


#22
Acetophenone
Concen: 42.674 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:105 Resp: 534257
Ion Ratio Lower Upper
105 100
71 7.1 6.9 10.3
51 34.8 28.6 43.0
120 21.6 17.2 25.8





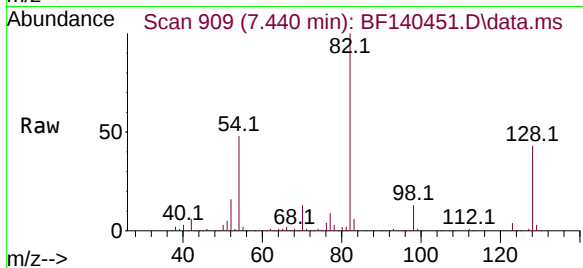
#23
Nitrobenzene-d5
Concen: 82.617 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

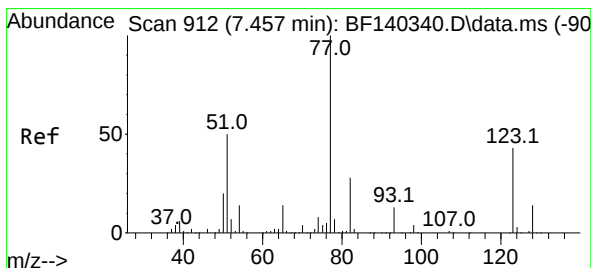
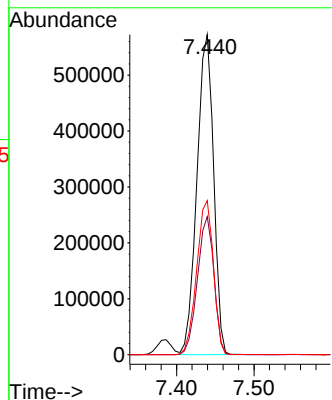
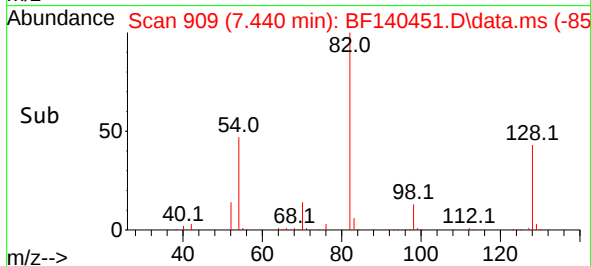


Tgt Ion: 82 Resp: 853540
Ion Ratio Lower Upper
82 100
128 43.2 33.3 49.9
54 48.1 39.8 59.8

Manual Integrations

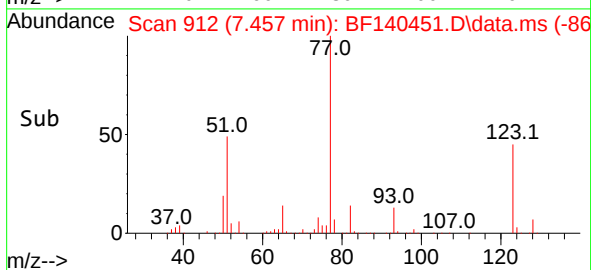
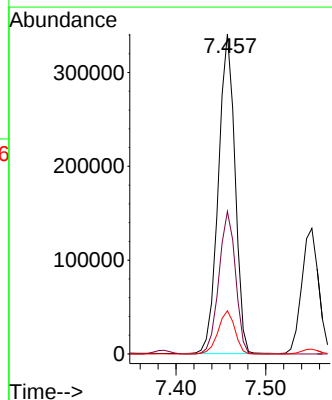
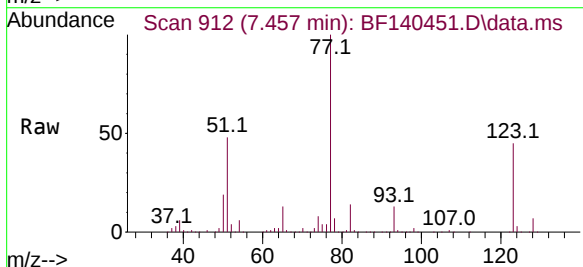
APPROVED

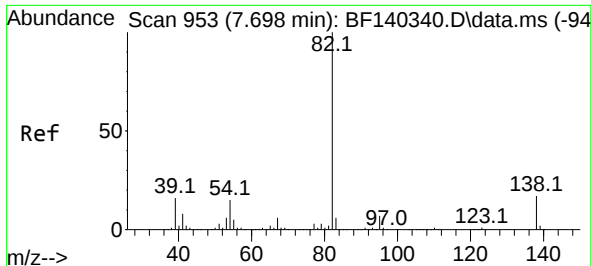
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#24
Nitrobenzene
Concen: 40.828 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion: 77 Resp: 439172
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.0
65 13.5 11.1 16.7





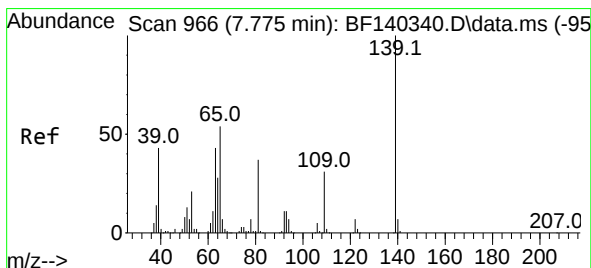
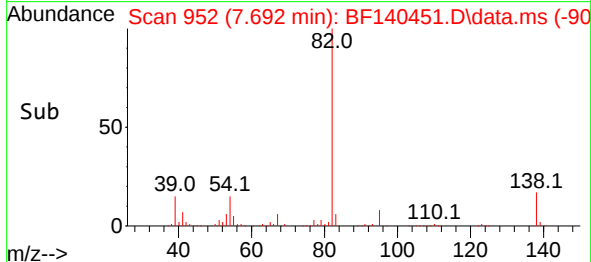
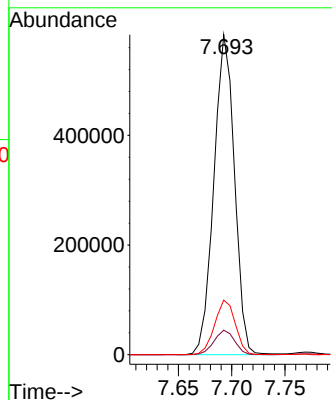
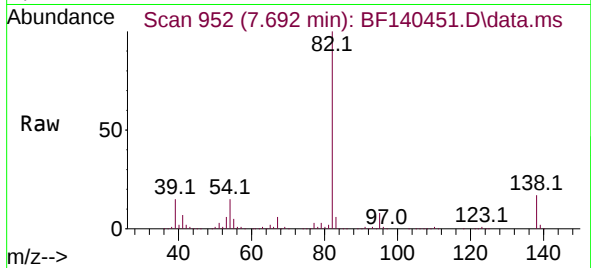
#25
Isophorone
Concen: 42.865 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164965BS

Tgt Ion: 82 Resp: 784864
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 17.0 13.4 20.2

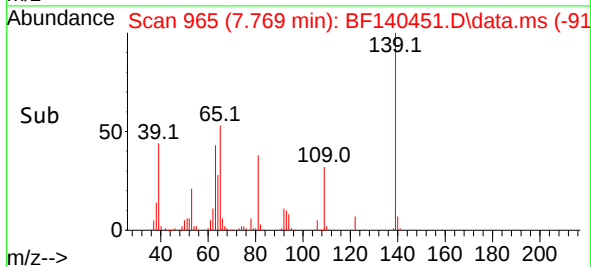
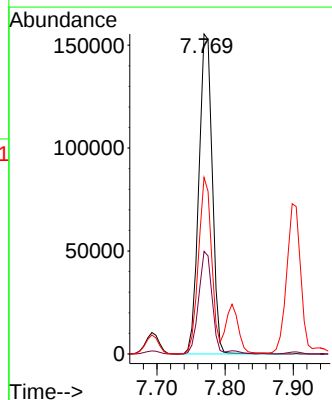
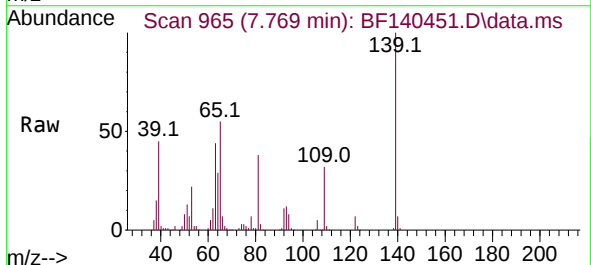
Manual Integrations
APPROVED

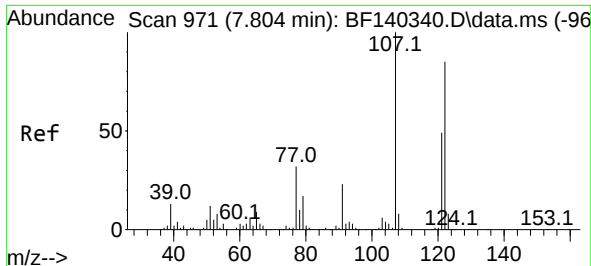
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#26
2-Nitrophenol
Concen: 44.510 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:139 Resp: 212465
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 55.2 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 52.913 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

Tgt Ion:122 Resp: 32336

Ion Ratio Lower Upper

122 100

107 115.3 91.3 136.9

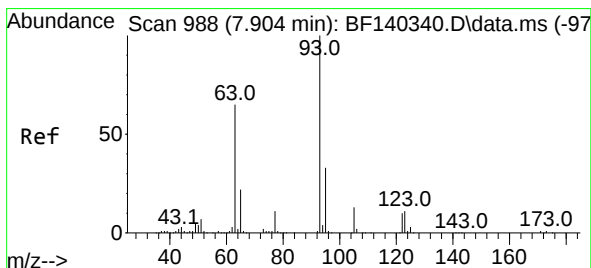
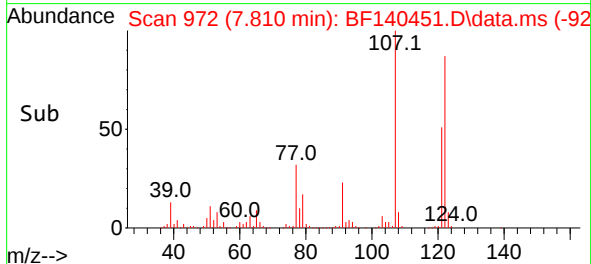
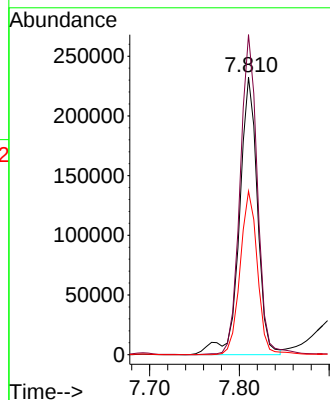
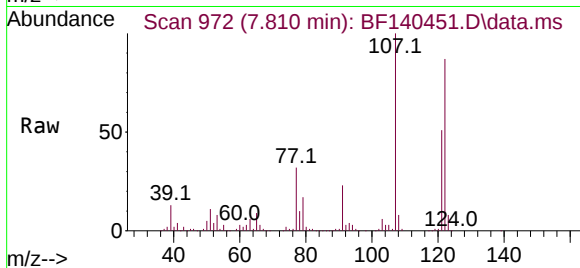
121 59.0 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 43.038 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

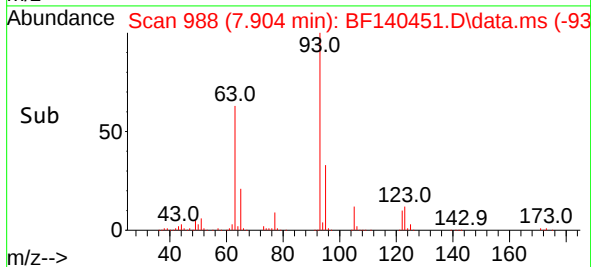
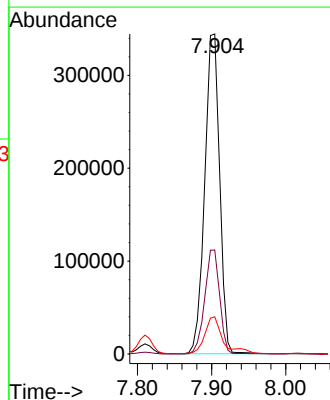
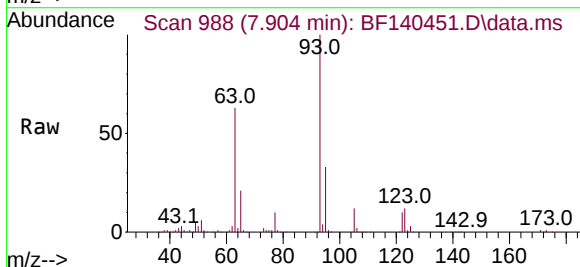
Tgt Ion: 93 Resp: 483206

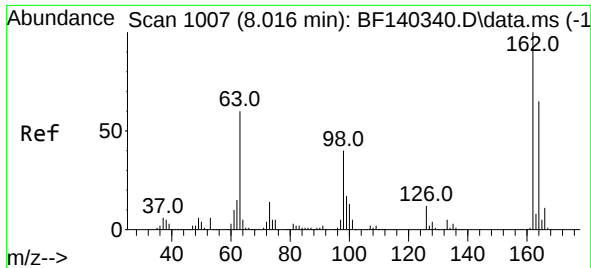
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.6 9.2 13.8





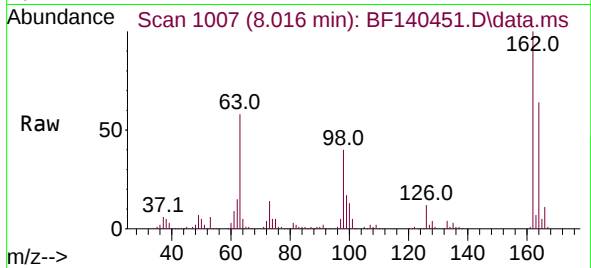
#29
2,4-Dichlorophenol
Concen: 44.585 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



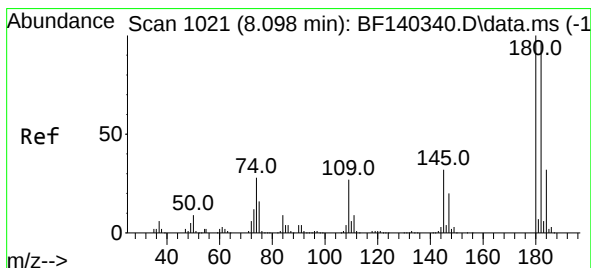
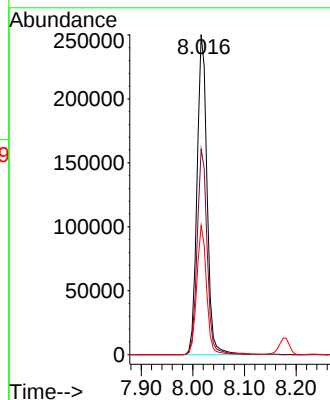
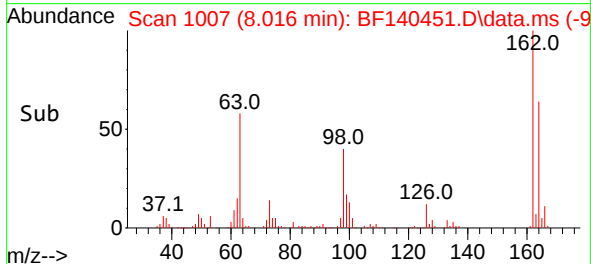
Tgt Ion:162 Resp: 33673
Ion Ratio Lower Upper
162 100
164 64.2 45.4 85.4
98 40.4 19.9 59.9

Manual Integrations

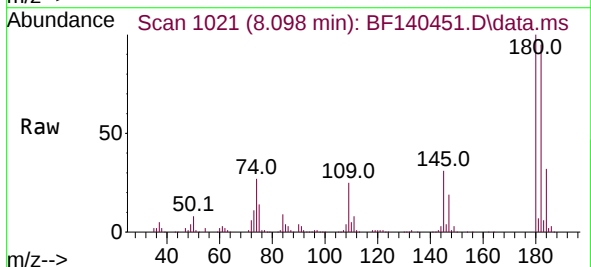
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

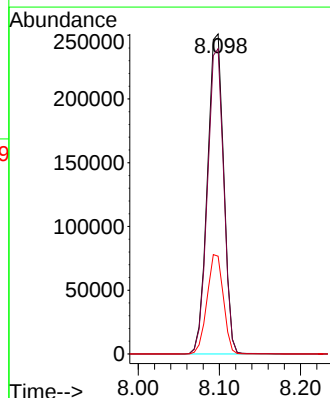
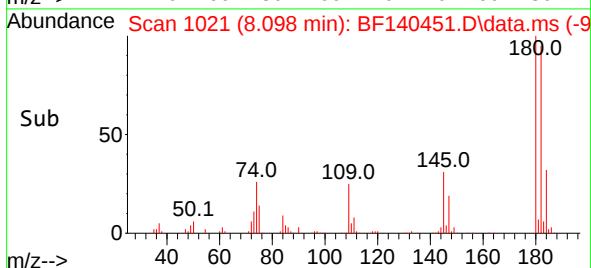
Supervised By :mohammad ahmed 11/19/2024

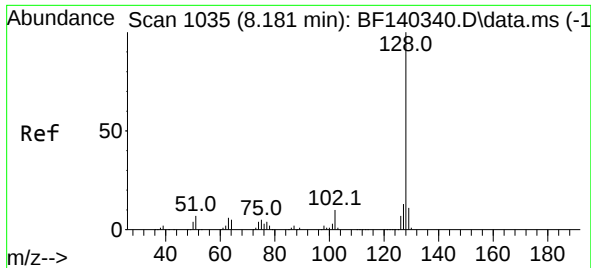


#30
1,2,4-Trichlorobenzene
Concen: 41.513 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:180 Resp: 349063
Ion Ratio Lower Upper
180 100
182 95.4 76.5 114.7
145 30.6 25.3 37.9





#31
Naphthalene
Concen: 42.076 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

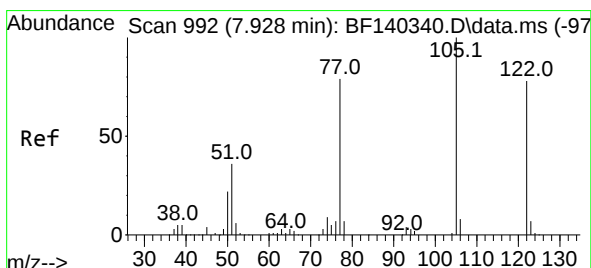
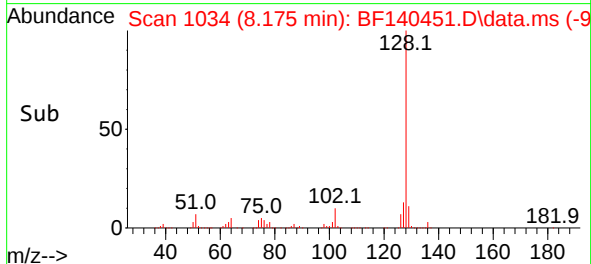
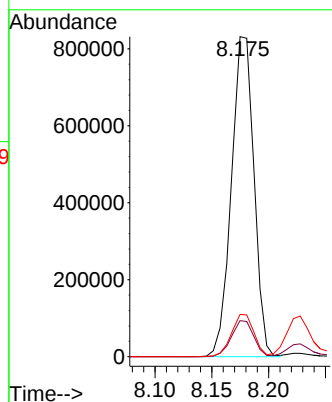
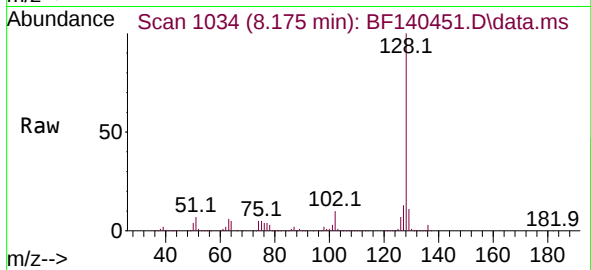
ClientSampleId :

PB164965BS

Tgt Ion:128 Resp: 114894
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8

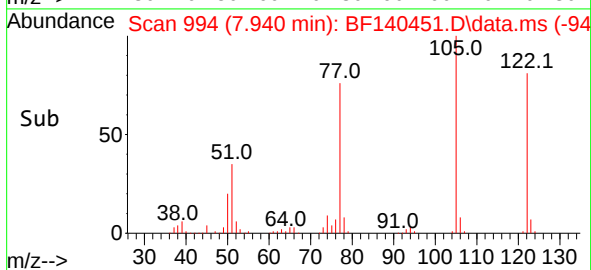
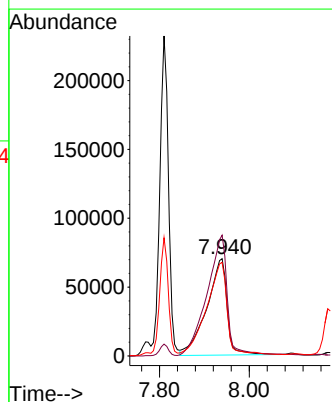
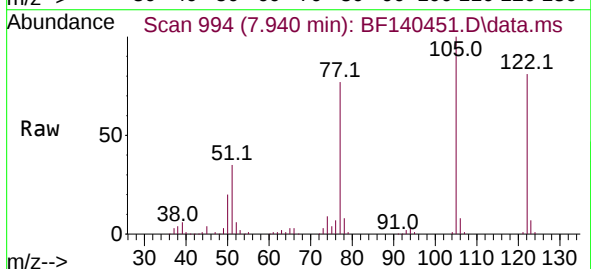
Manual Integrations
APPROVED

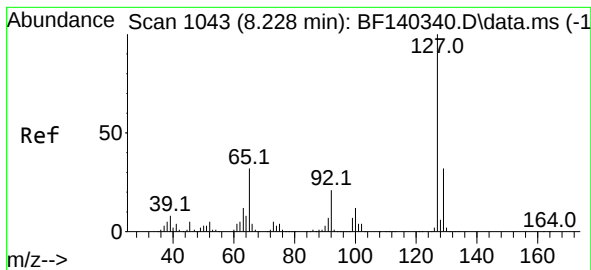
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 40.976 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:122 Resp: 220343
Ion Ratio Lower Upper
122 100
105 124.1 100.9 140.9
77 96.1 76.0 116.0





#33
4-Chloroaniline
Concen: 18.560 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

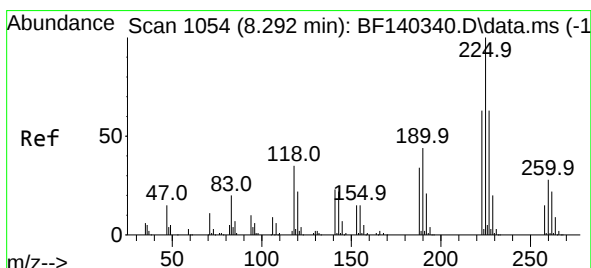
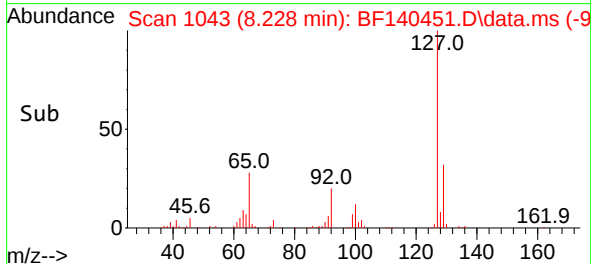
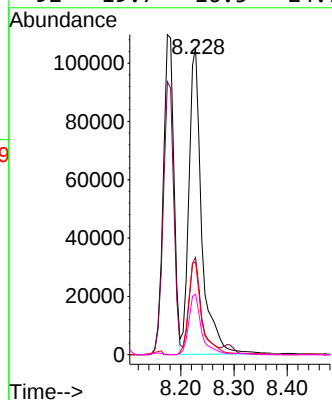
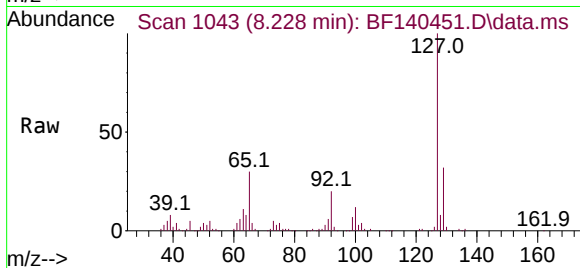
PB164965BS

Tgt Ion:127 Resp: 17625
Ion Ratio Lower Upper
127 100
129 31.6 26.2 39.4
65 30.1 25.8 38.6
92 19.7 16.5 24.7

Manual Integrations

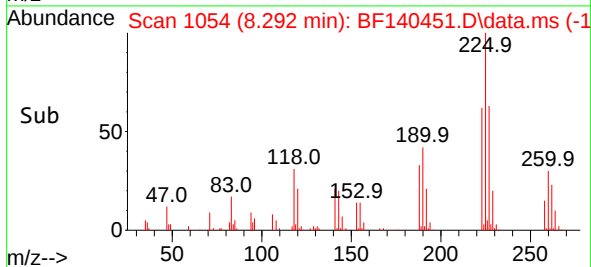
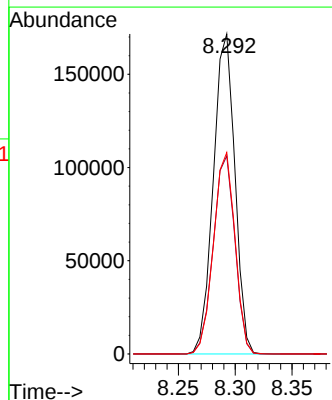
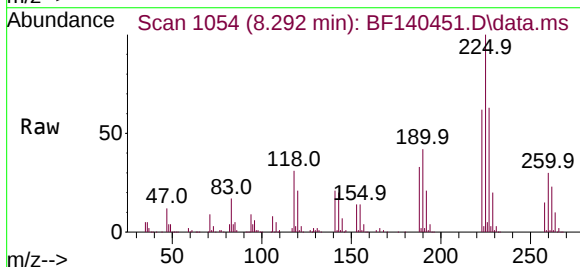
APPROVED

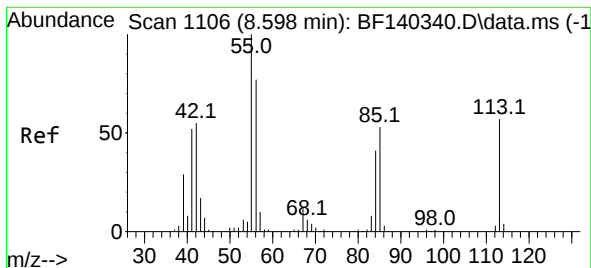
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 42.241 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:225 Resp: 226303
Ion Ratio Lower Upper
225 100
223 61.9 50.1 75.1
227 62.9 51.3 76.9





#35

Caprolactam

Concen: 42.015 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

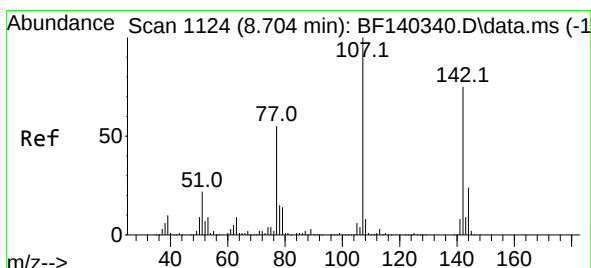
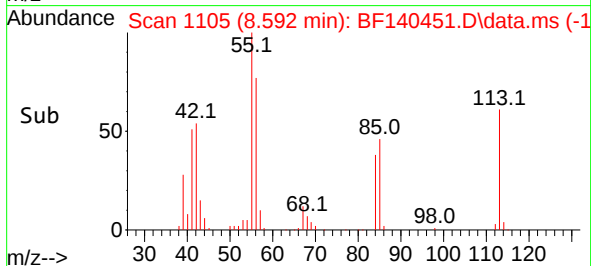
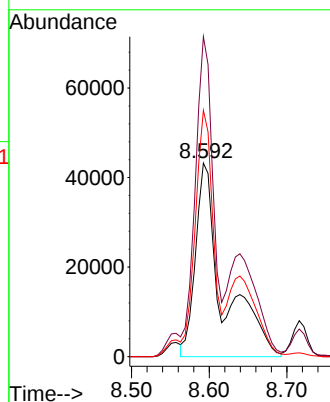
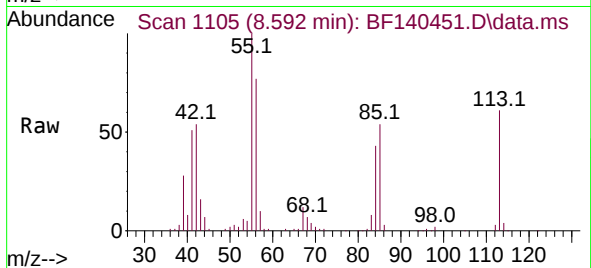
ClientSampleId :

PB164965BS

Tgt Ion:113 Resp: 10546
 Ion Ratio Lower Upper
 113 100
 55 165.3 150.0 190.0
 56 127.3 111.1 151.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#36

4-Chloro-3-methylphenol

Concen: 43.431 ng

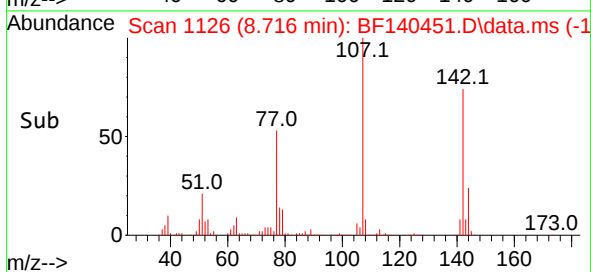
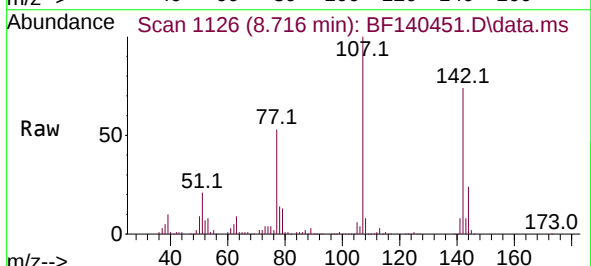
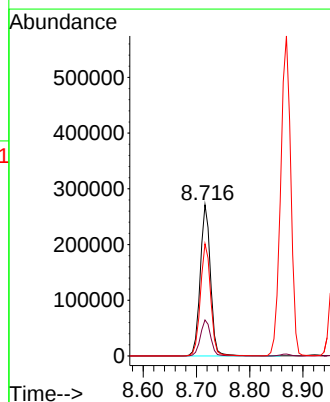
RT: 8.716 min Scan# 1126

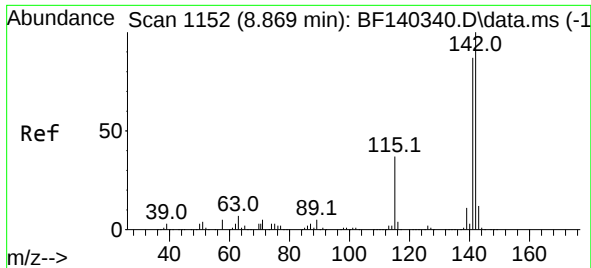
Delta R.T. 0.012 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:107 Resp: 363503
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 74.2 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.142 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

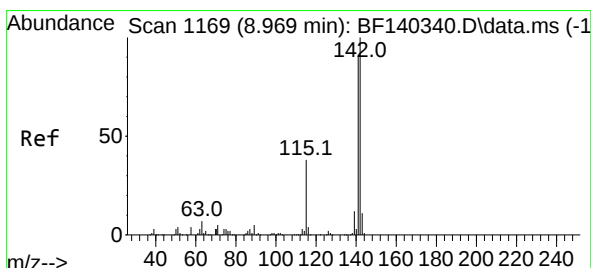
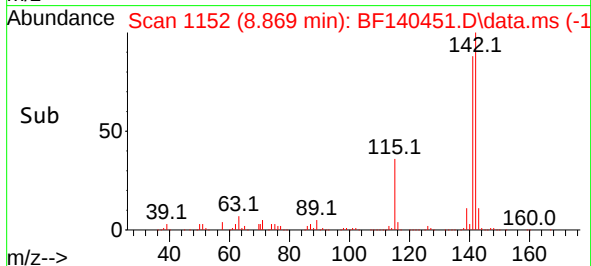
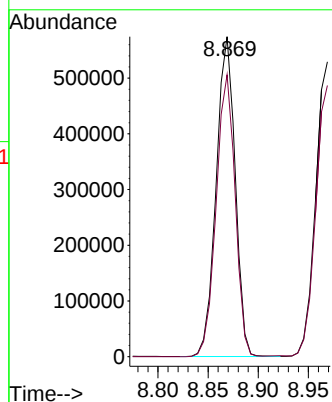
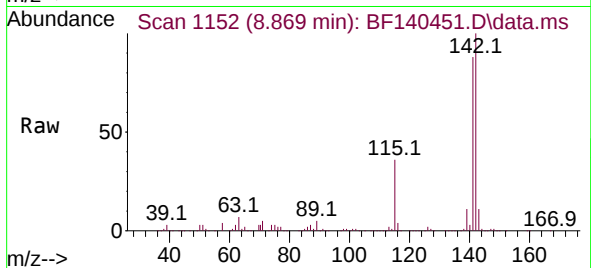
PB164965BS

Tgt Ion:142 Resp: 75540
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

Manual Integrations

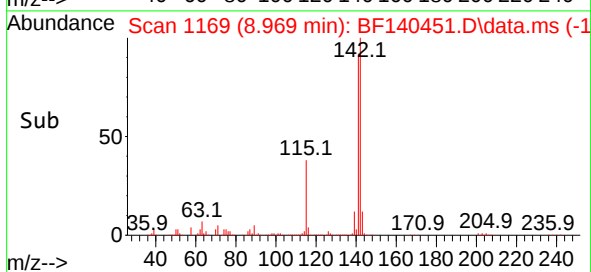
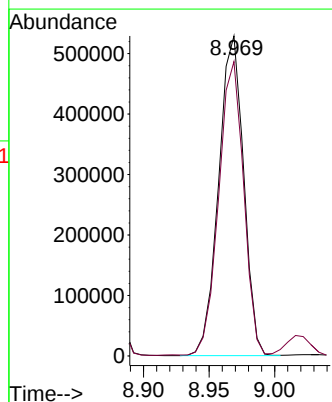
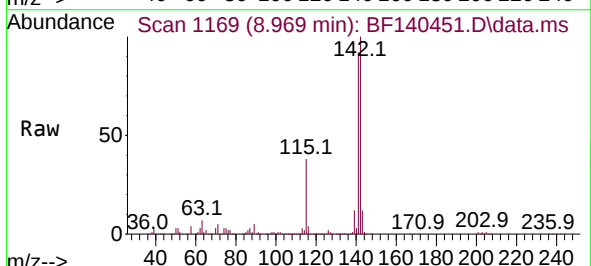
APPROVED

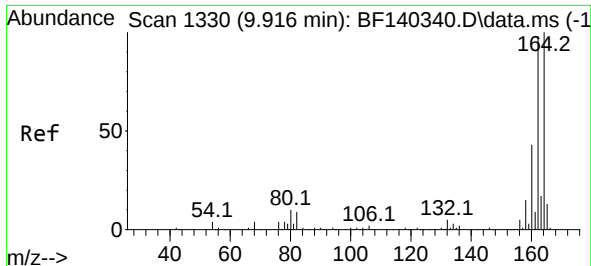
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 40.794 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:142 Resp: 699464
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140451.D

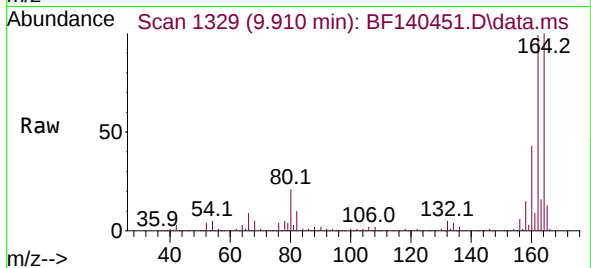
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



Tgt Ion:164 Resp: 298624

Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

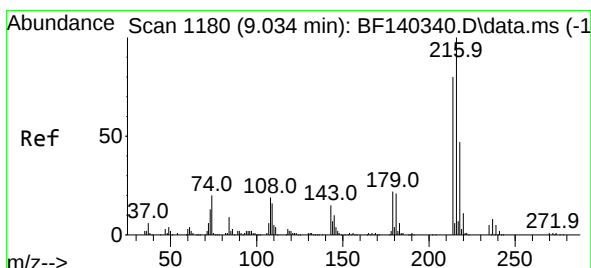
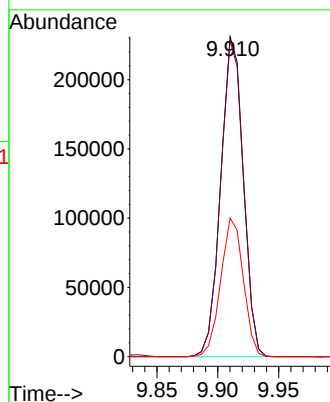
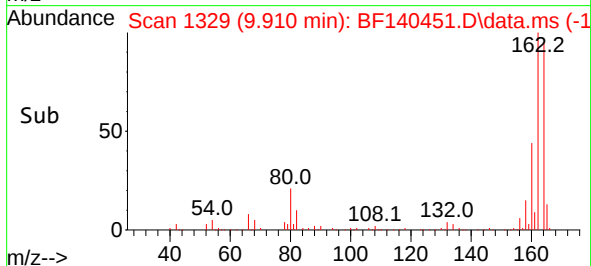
160 43.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.790 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:216 Resp: 353361

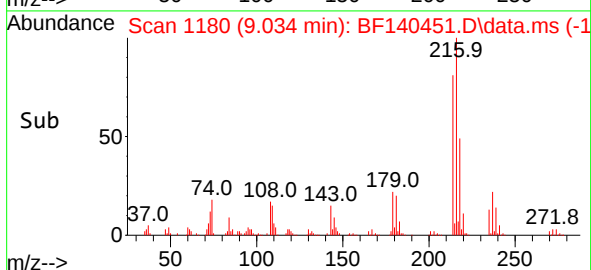
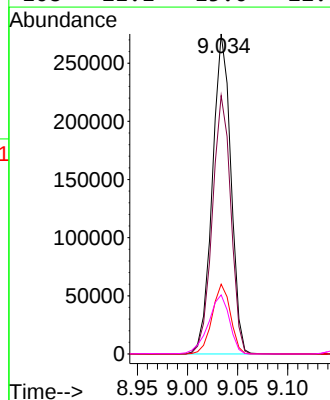
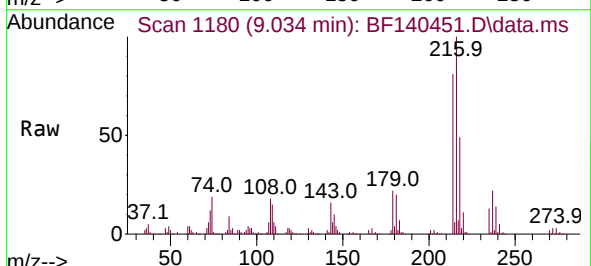
Ion Ratio Lower Upper

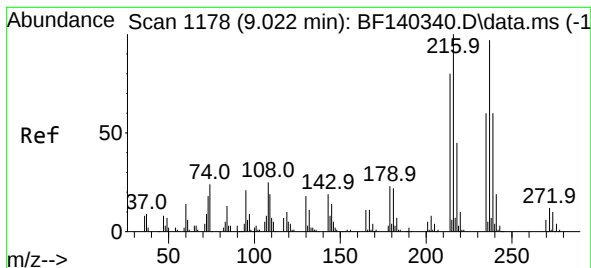
216 100

214 80.5 63.2 94.8

179 21.5 17.2 25.8

108 21.1 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 169.155 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

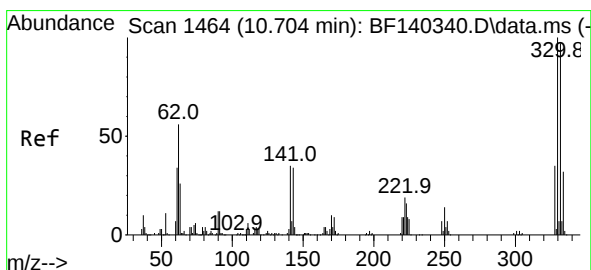
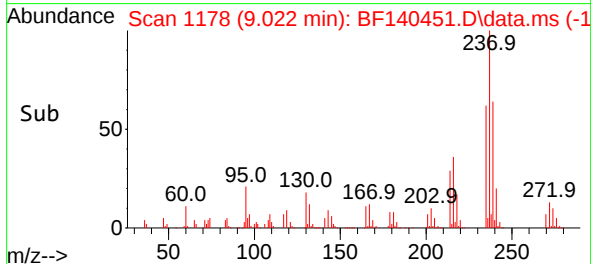
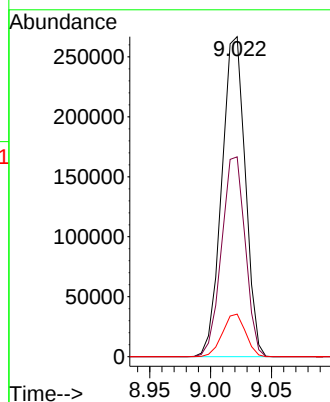
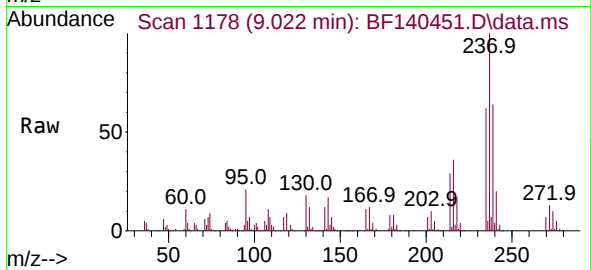
Tgt Ion:	237	Resp:	35865
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	13.3	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#42

2,4,6-Tribromophenol

Concen: 125.470 ng

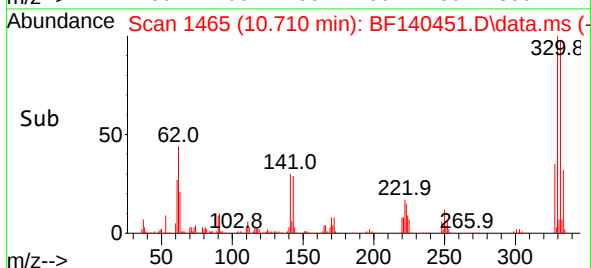
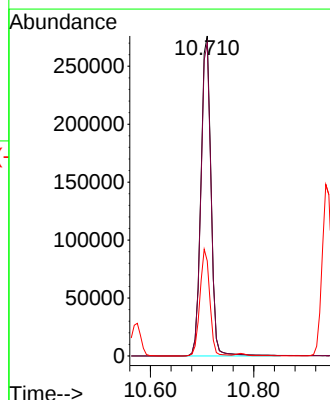
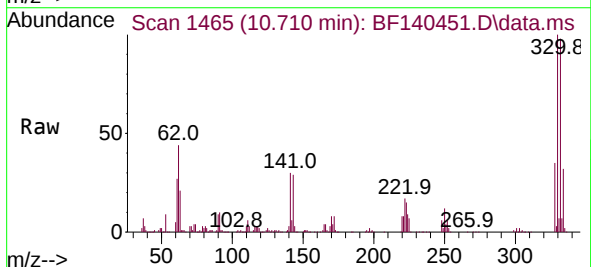
RT: 10.710 min Scan# 1465

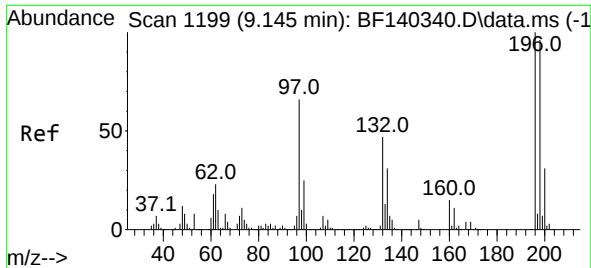
Delta R.T. 0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:	330	Resp:	372592
Ion Ratio	Lower	Upper	
330	100		
332	98.0	75.9	113.9
141	32.8	26.9	40.3





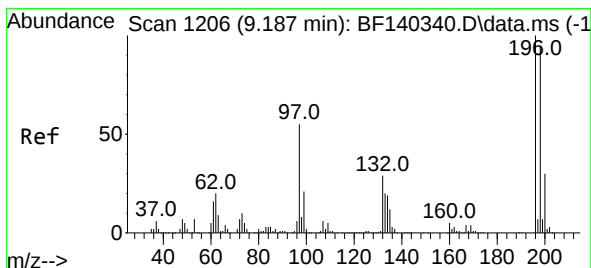
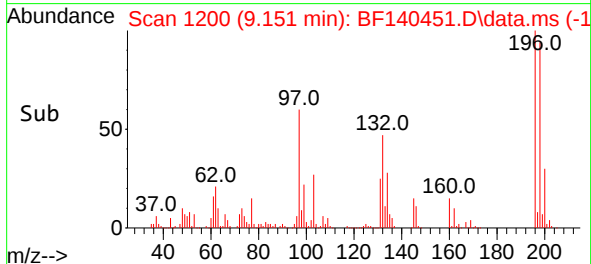
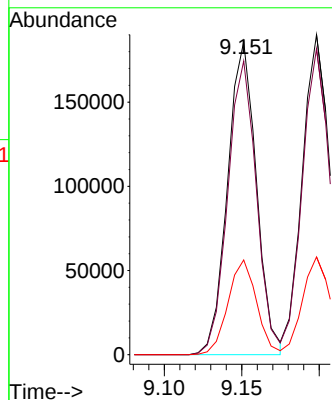
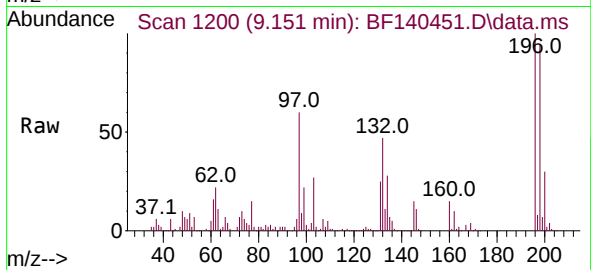
#43
2,4,6-Trichlorophenol
Concen: 44.327 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164965BS

Tgt Ion:196 Resp: 24022
Ion Ratio Lower Upper
196 100
198 93.8 77.0 115.4
200 30.2 24.2 36.4

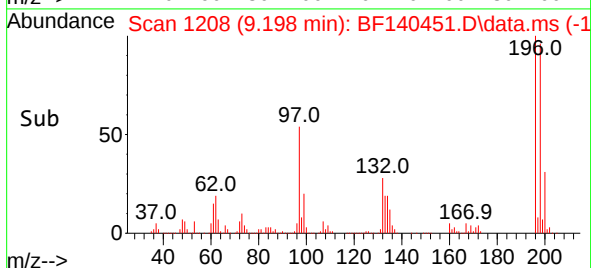
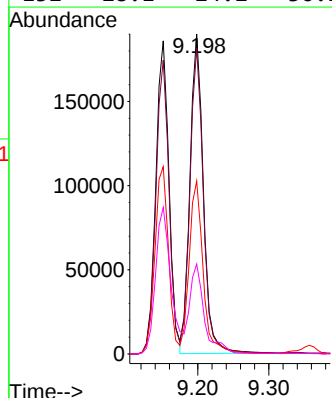
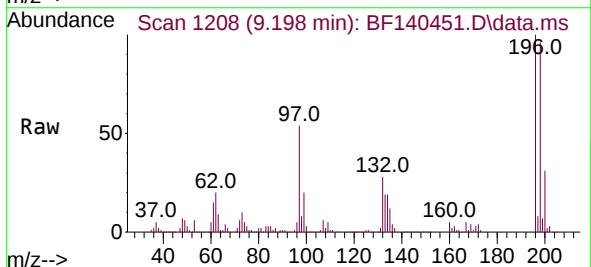
Manual Integrations
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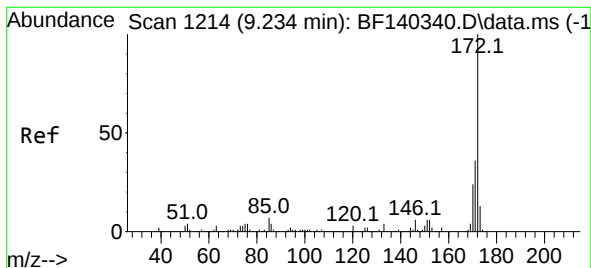
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#44
2,4,5-Trichlorophenol
Concen: 42.226 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:196 Resp: 250197
Ion Ratio Lower Upper
196 100
198 95.6 77.6 116.4
97 54.1 45.4 68.2
132 28.1 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 83.996 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

Tgt Ion:172 Resp: 156034

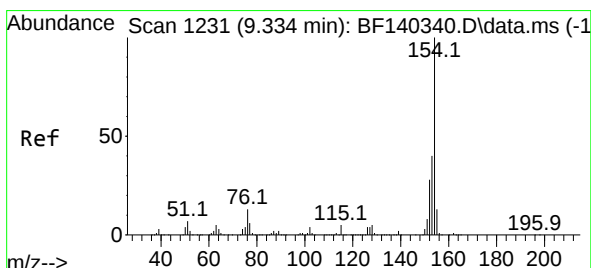
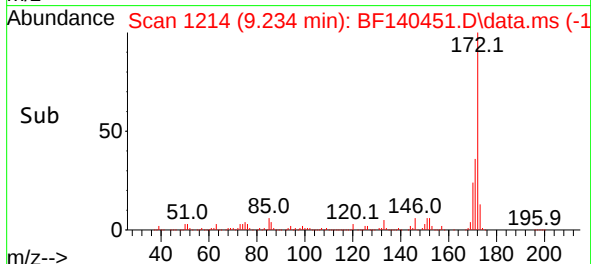
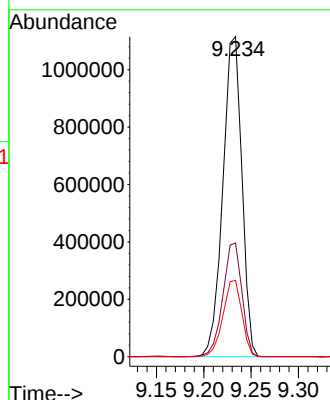
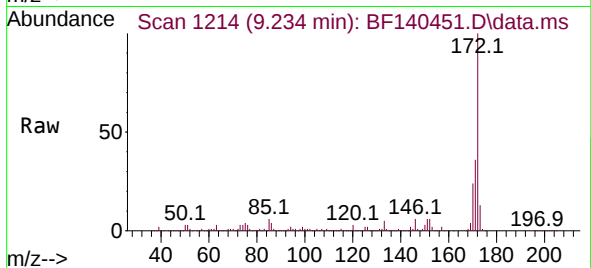
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	19.1	28.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#46

1,1'-Biphenyl

Concen: 43.177 ng

RT: 9.334 min Scan# 1231

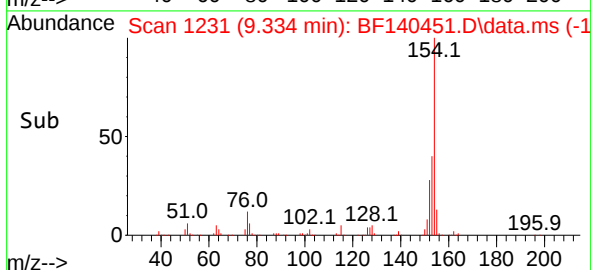
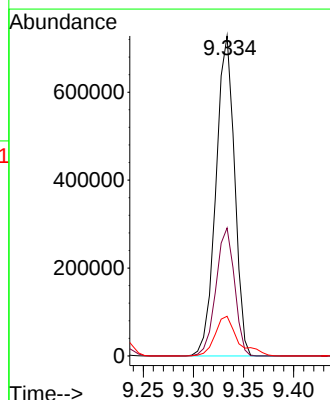
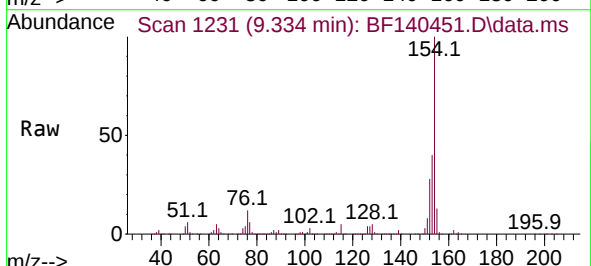
Delta R.T. 0.000 min

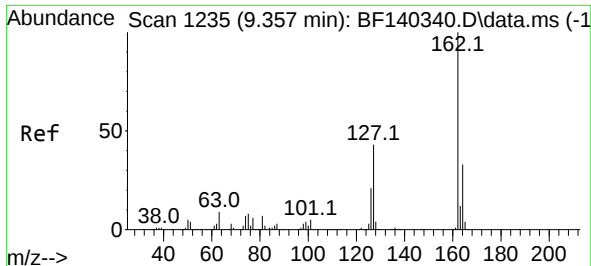
Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:154 Resp: 938022

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.4	60.4
76	12.4	0.0	32.9





#47

2-Chloronaphthalene

Concen: 42.162 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

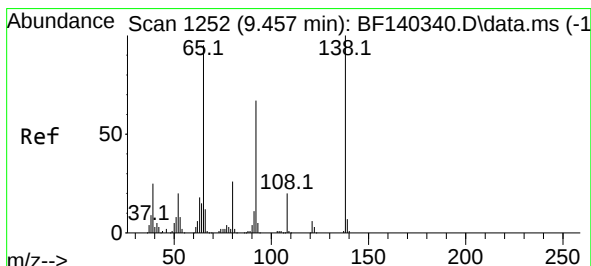
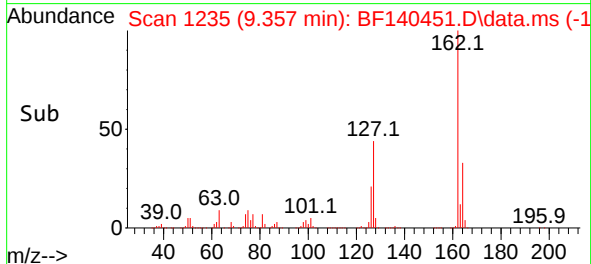
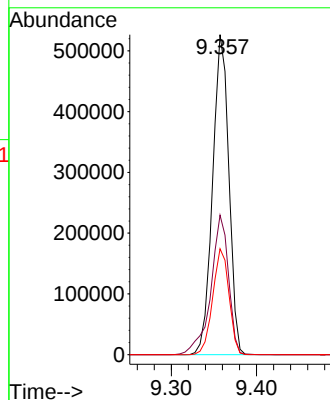
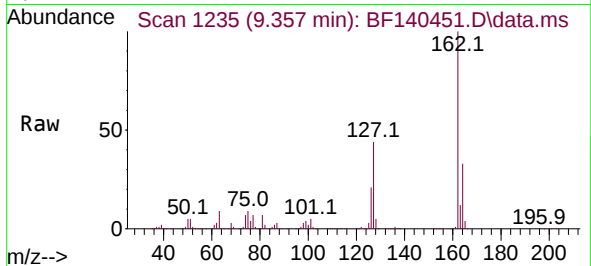
PB164965BS

Tgt Ion:162 Resp: 697750
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.0 51.0
 164 33.1 26.5 39.7

Manual Integrations

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 Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 43.167 ng

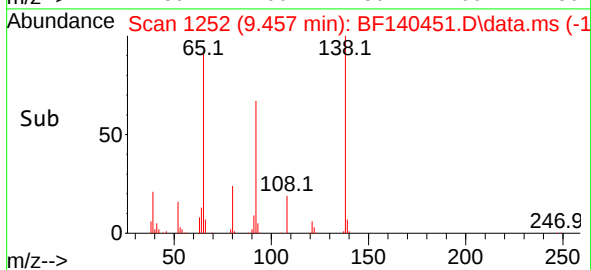
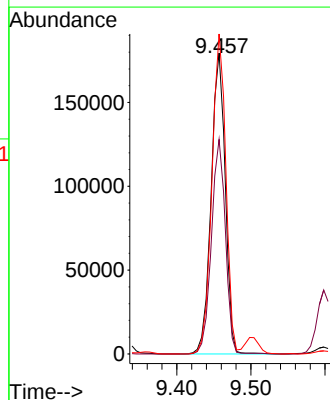
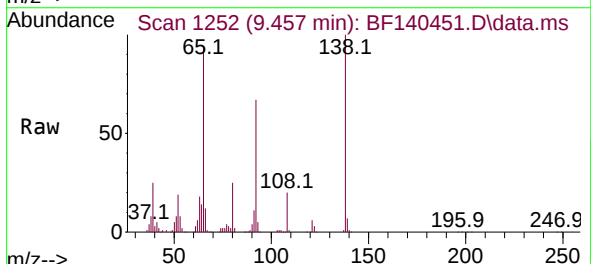
RT: 9.457 min Scan# 1252

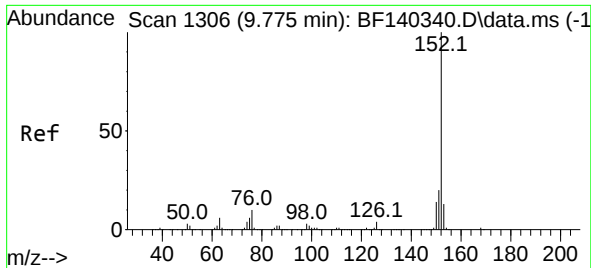
Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion: 65 Resp: 236918
 Ion Ratio Lower Upper
 65 100
 92 71.3 56.4 84.6
 138 106.3 84.8 127.2





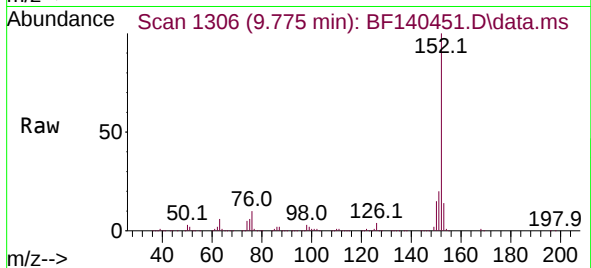
#49
Acenaphthylene
Concen: 45.775 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



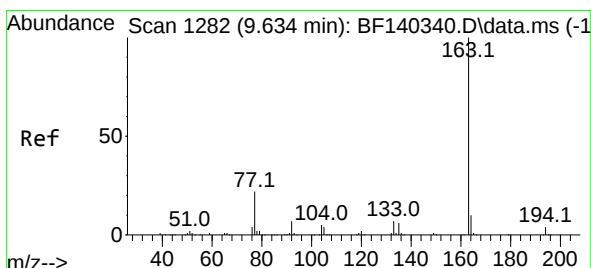
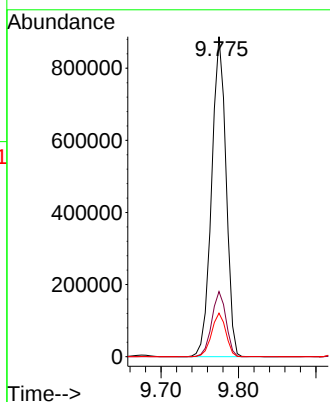
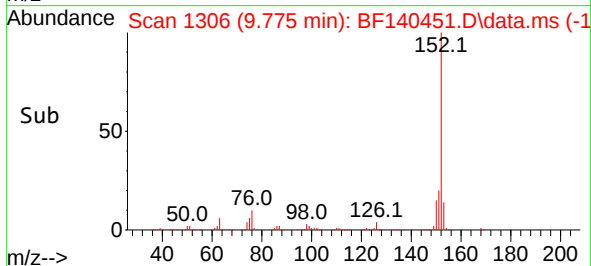
Tgt Ion:152 Resp: 114615
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.6 10.7 16.1

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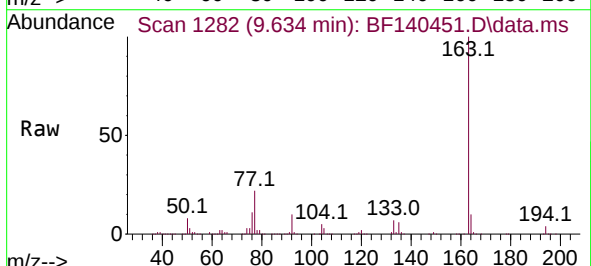
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

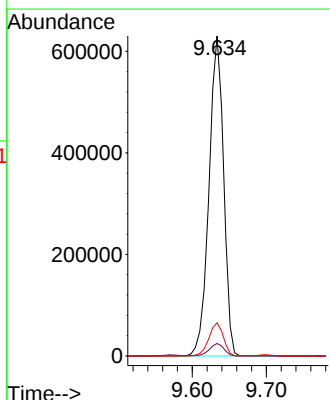
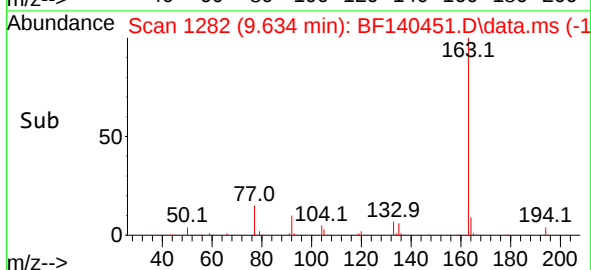
Supervised By :mohammad ahmed 11/19/2024

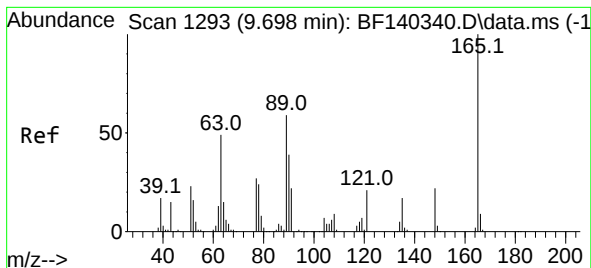


#50
Dimethylphthalate
Concen: 44.387 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



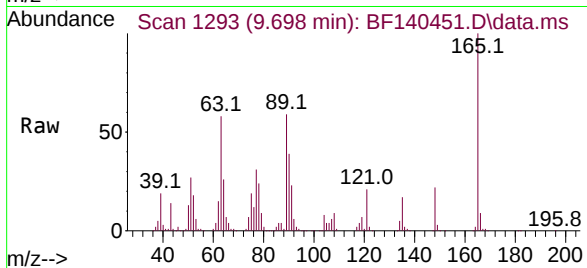
Tgt Ion:163 Resp: 863967
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.770 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

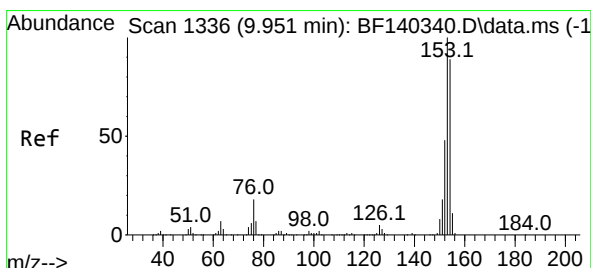
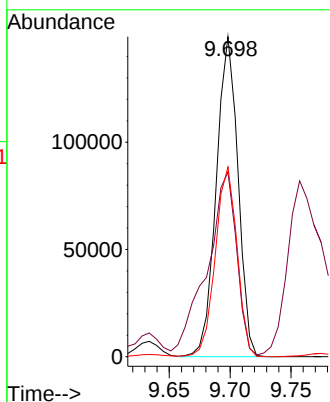
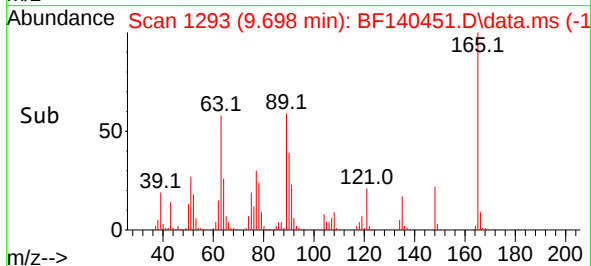
Instrument :
BNA_F
ClientSampleId :
PB164965BS



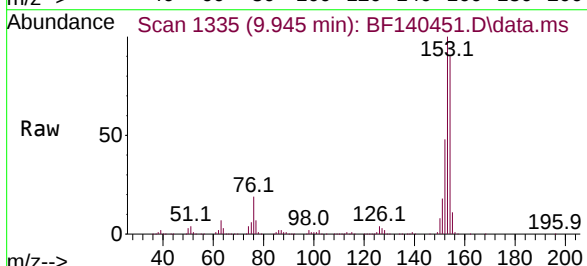
Tgt Ion:165 Resp: 185354
Ion Ratio Lower Upper
165 100
63 57.7 47.6 71.4
89 59.3 48.1 72.1

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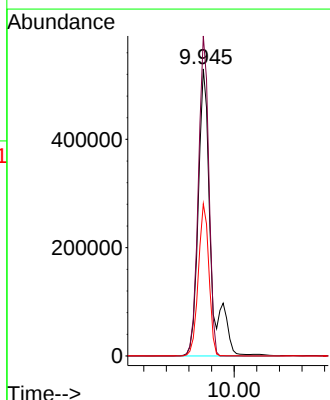
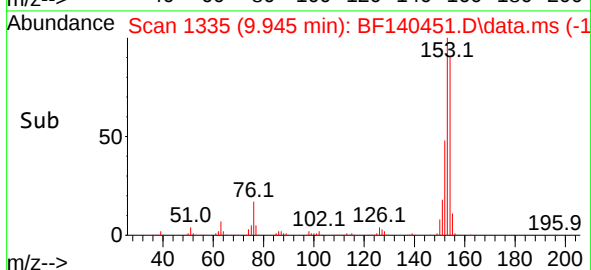
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

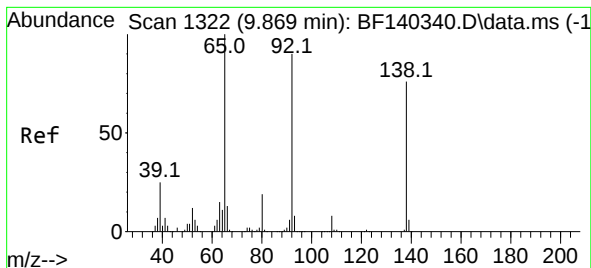


#52
Acenaphthene
Concen: 48.594 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:154 Resp: 821806
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.0 42.6 64.0





#53

3-Nitroaniline

Concen: 25.569 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

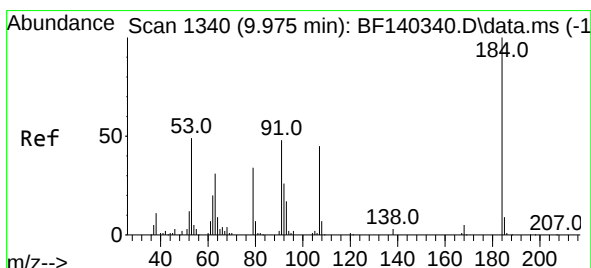
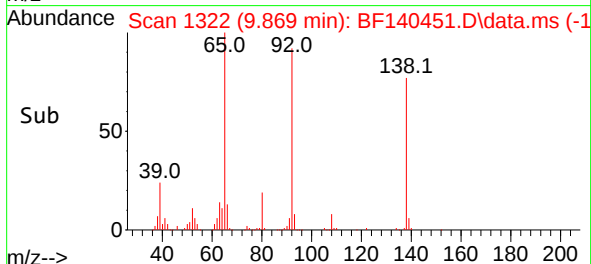
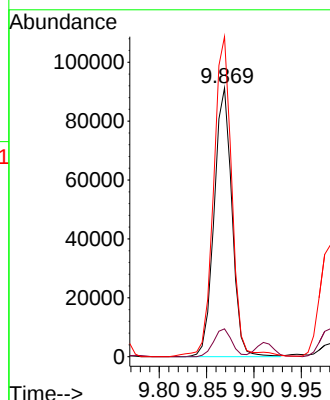
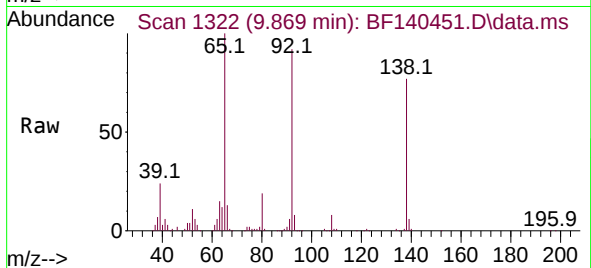
ClientSampleId :

PB164965BS

Tgt Ion:138 Resp: 11915
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.4 12.6
 92 119.1 95.5 143.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 88.123 ng

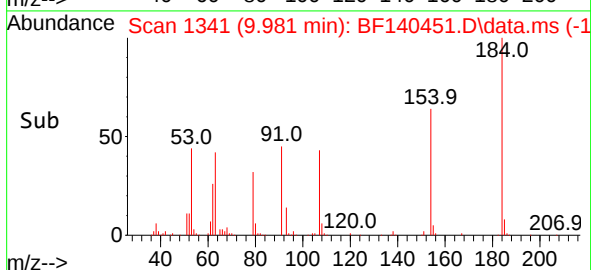
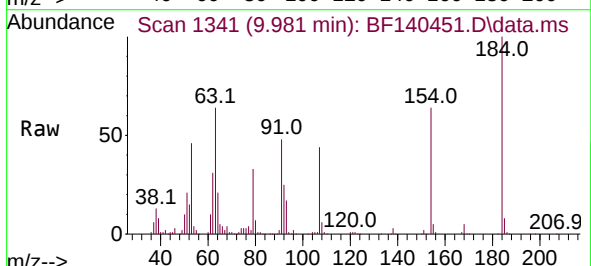
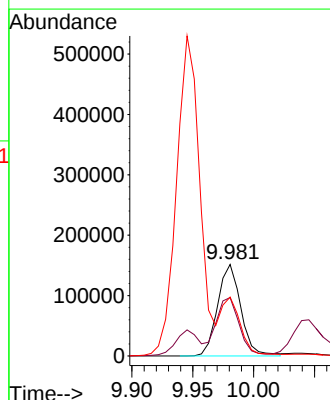
RT: 9.981 min Scan# 1341

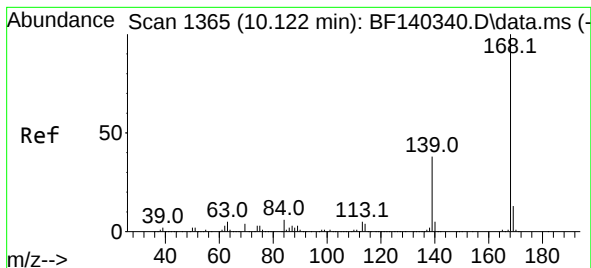
Delta R.T. 0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:184 Resp: 201653
 Ion Ratio Lower Upper
 184 100
 63 63.7 53.5 80.3
 154 64.2 51.3 76.9





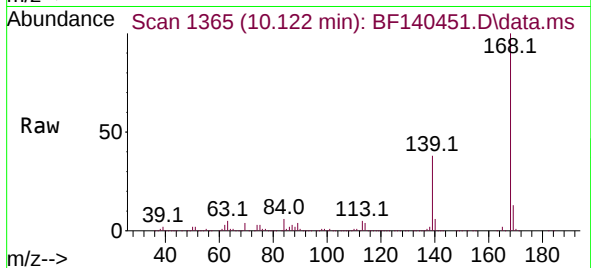
#55
Dibenzenofuran
Concen: 43.468 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



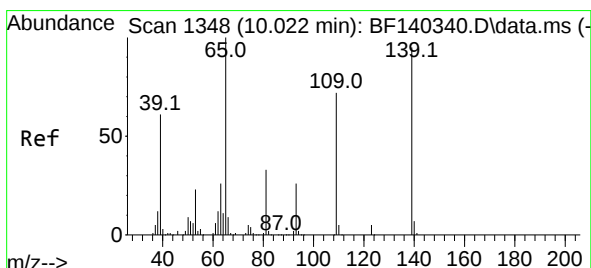
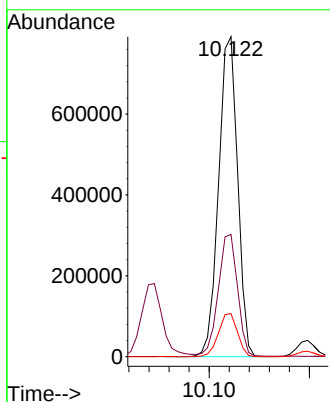
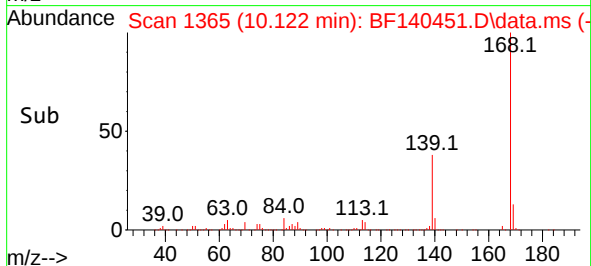
Tgt Ion:168 Resp: 1040650
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.4 10.8 16.2

Manual Integrations

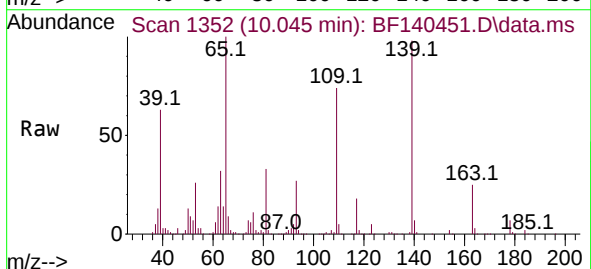
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

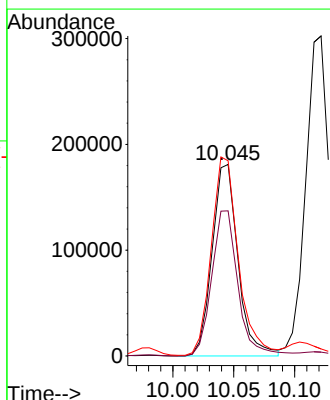
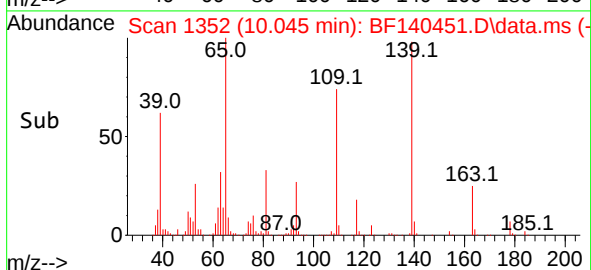
Supervised By :mohammad ahmed 11/19/2024

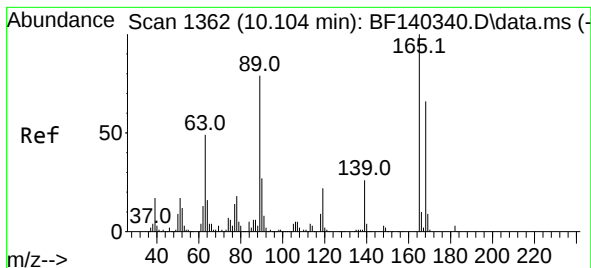


#56
4-Nitrophenol
Concen: 78.796 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:139 Resp: 267843
Ion Ratio Lower Upper
139 100
109 75.8 54.5 94.5
65 102.0 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 43.117 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

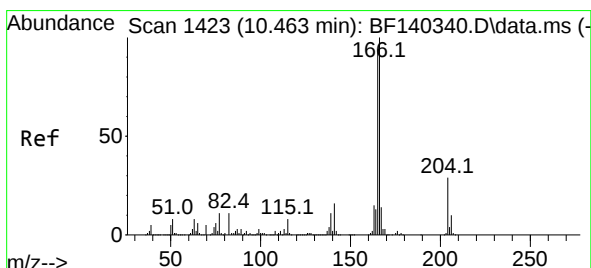
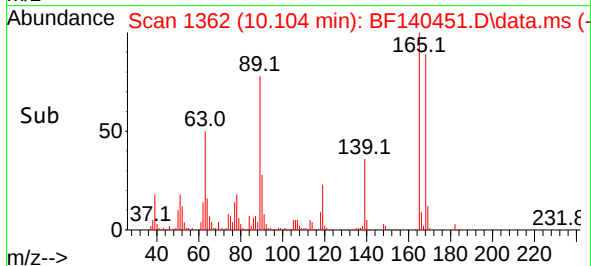
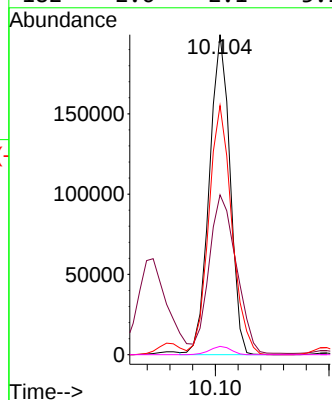
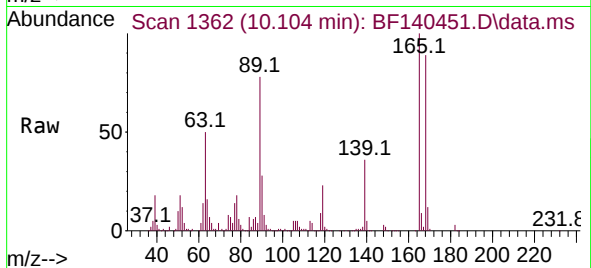
PB164965BS

Tgt Ion:165 Resp: 25180
Ion Ratio Lower Upper
165 100
63 50.0 39.4 59.0
89 77.9 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations

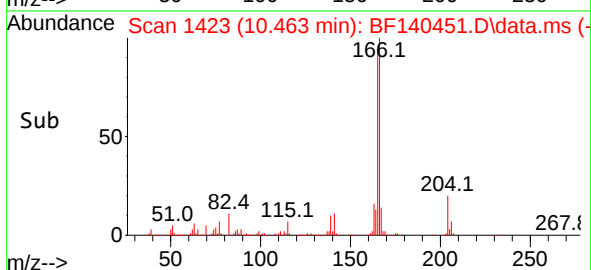
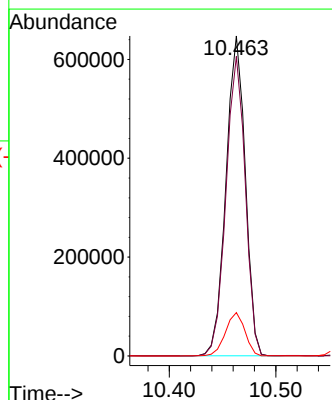
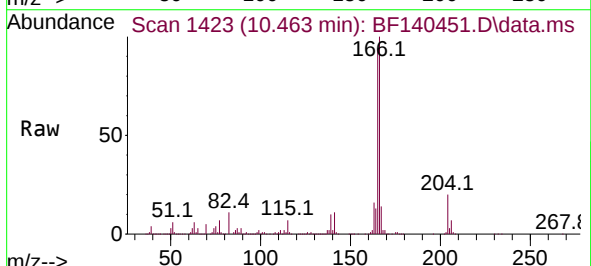
APPROVED

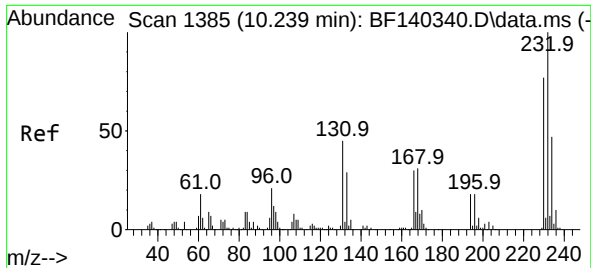
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 43.054 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:166 Resp: 814274
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.6 10.9 16.3





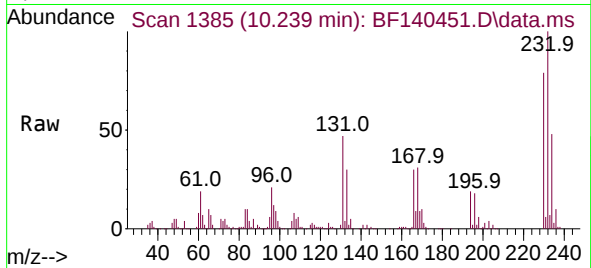
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.193 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



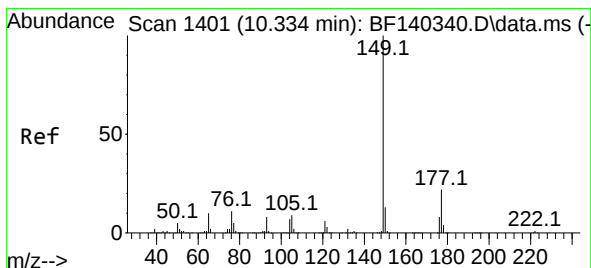
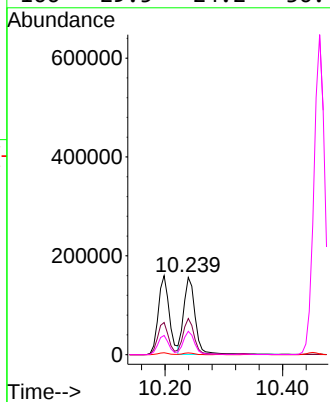
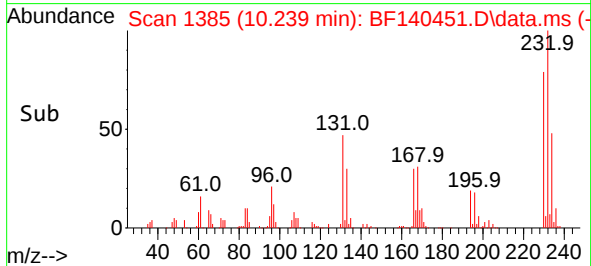
Tgt Ion:232 Resp: 211430
Ion Ratio Lower Upper
232 100
131 46.8 36.8 55.2
130 2.3 1.9 2.9
166 29.5 24.2 36.4

Manual Integrations

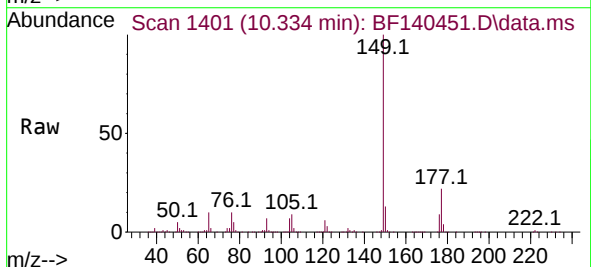
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

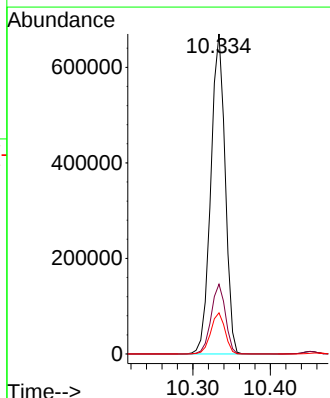
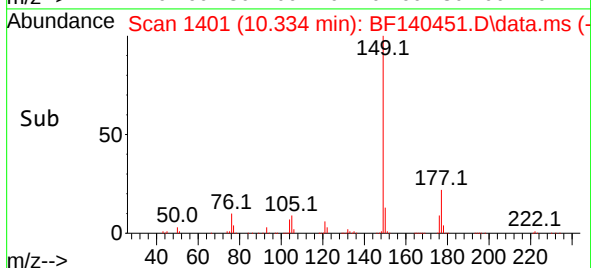
Supervised By :mohammad ahmed 11/19/2024

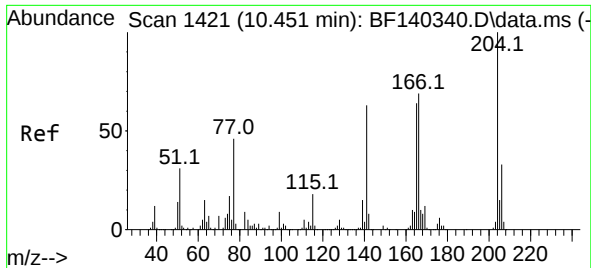


#60
Diethylphthalate
Concen: 43.368 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



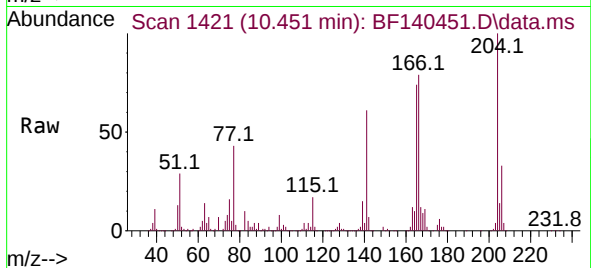
Tgt Ion:149 Resp: 863171
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.363 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

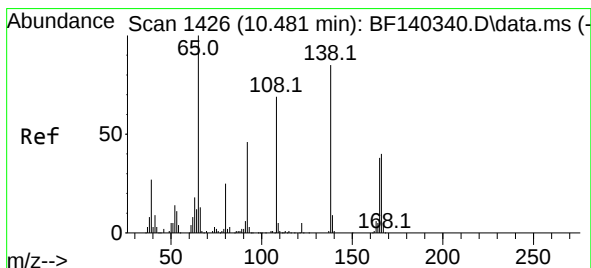
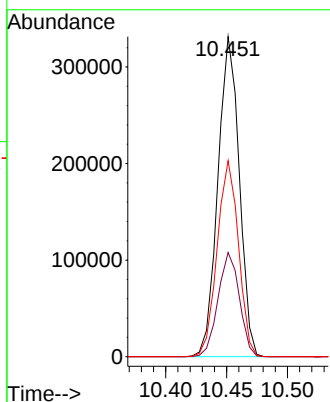
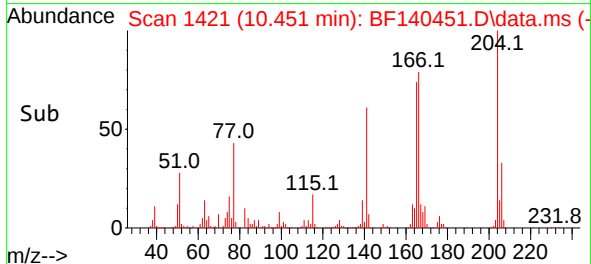
Instrument :
BNA_F
ClientSampleId :
PB164965BS



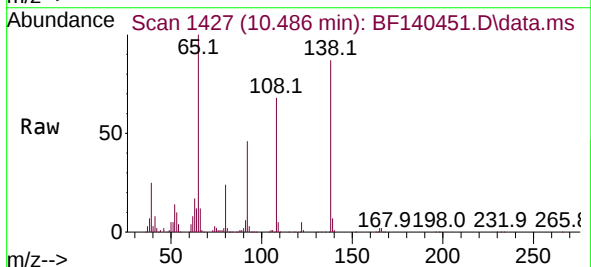
Tgt Ion:204 Resp: 404884
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 61.3 49.8 74.8

Manual Integrations
APPROVED

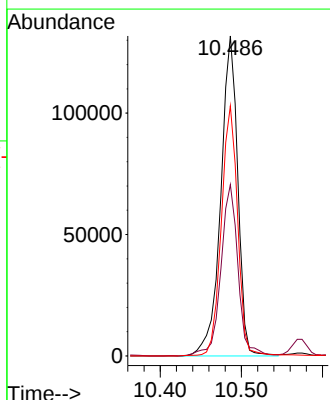
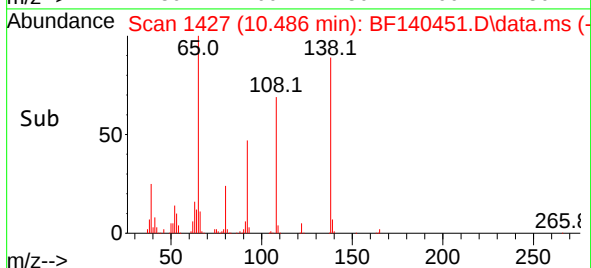
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

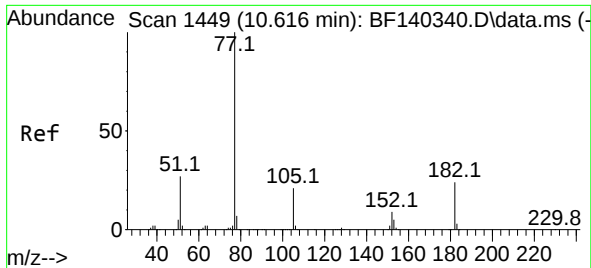


#62
4-Nitroaniline
Concen: 40.502 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:138 Resp: 192989
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 78.1 59.9 99.9





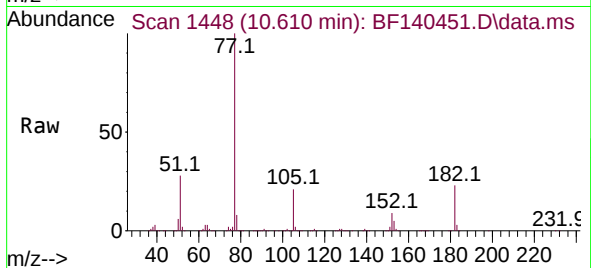
#63
Azobenzene
Concen: 43.418 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



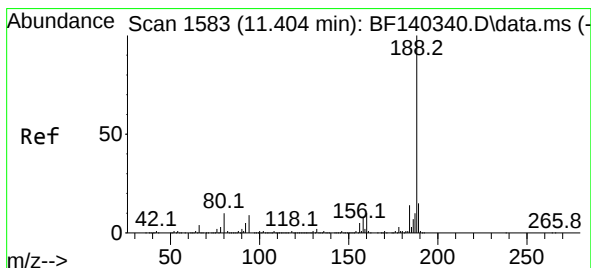
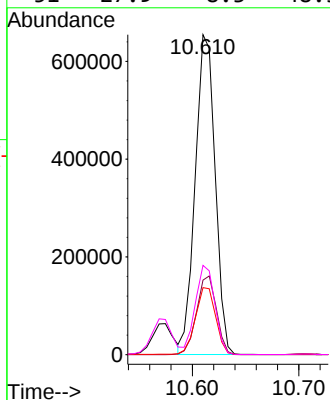
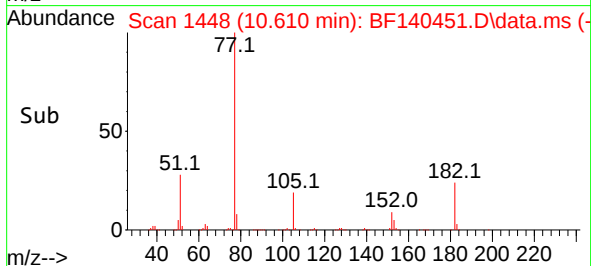
Tgt Ion: 77 Resp: 853850
Ion Ratio Lower Upper
77 100
182 23.3 4.6 44.6
105 20.9 0.9 40.9
51 27.9 8.3 48.3

Manual Integrations

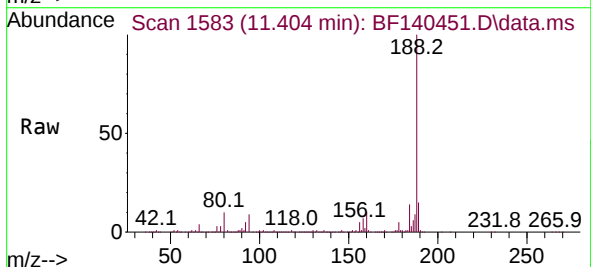
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

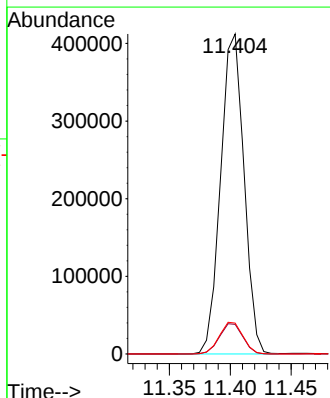
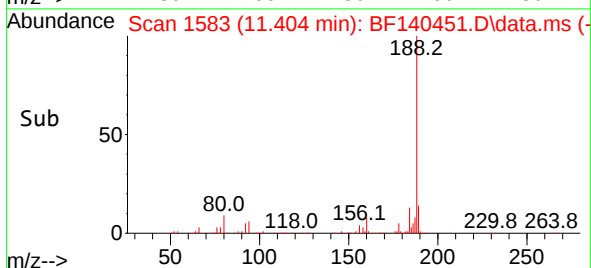
Supervised By :mohammad ahmed 11/19/2024

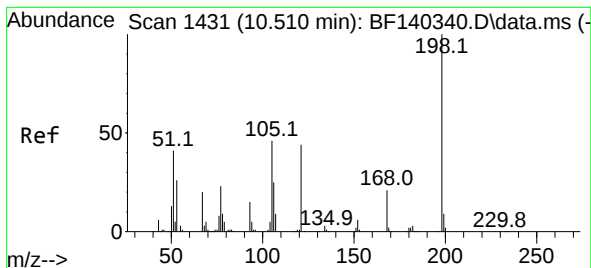


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:188 Resp: 550937
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.6 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.802 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

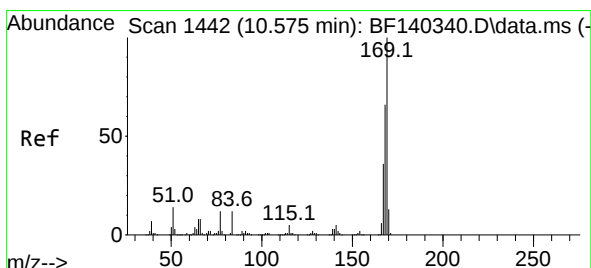
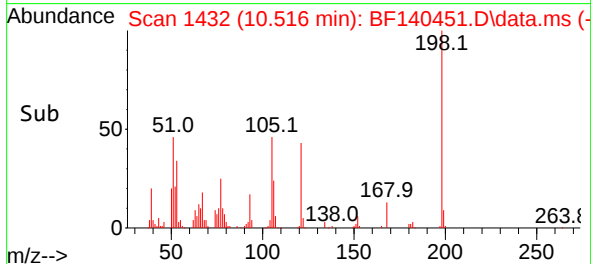
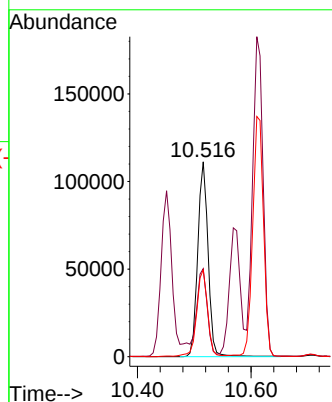
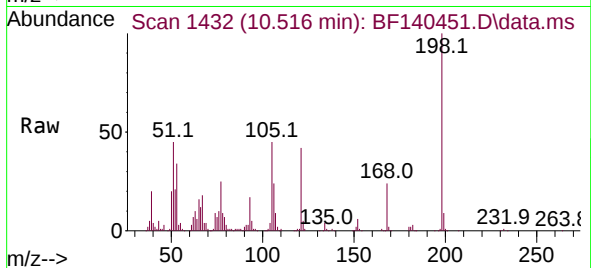
PB164965BS

Tgt Ion:198 Resp: 14169
Ion Ratio Lower Upper
198 100
51 45.1 29.7 69.7
105 44.6 26.3 66.3

Manual Integrations

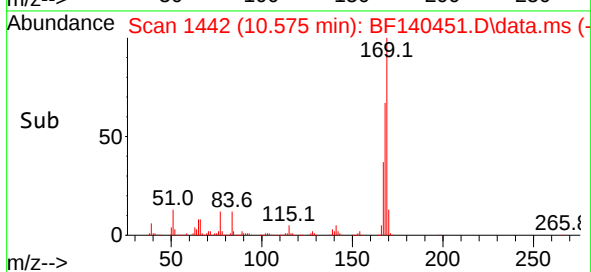
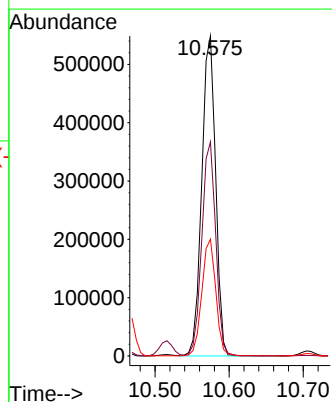
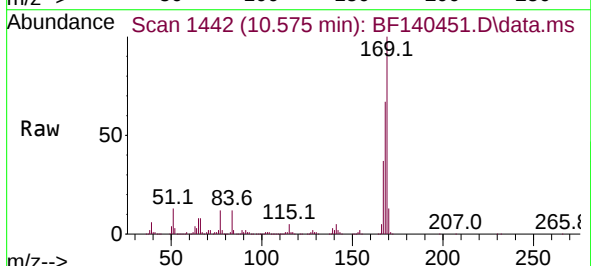
APPROVED

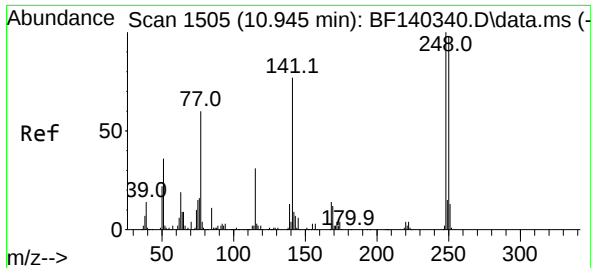
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 44.718 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:169 Resp: 711838
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 36.5 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 44.103 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

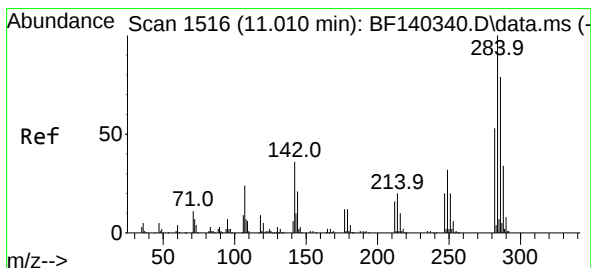
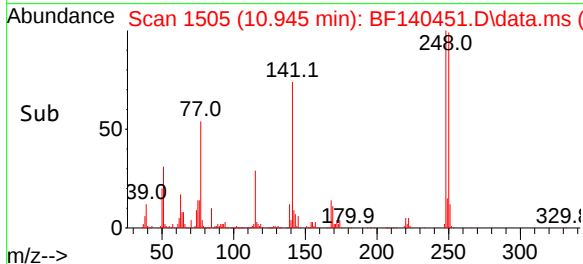
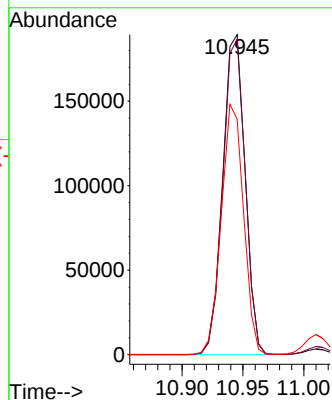
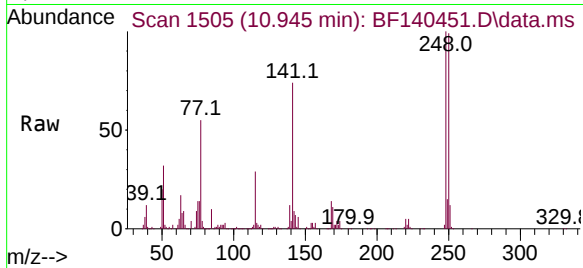
ClientSampleId :

PB164965BS

Tgt Ion:248 Resp: 242884
Ion Ratio Lower Upper
248 100
250 98.6 77.9 116.9
141 73.6 61.8 92.6

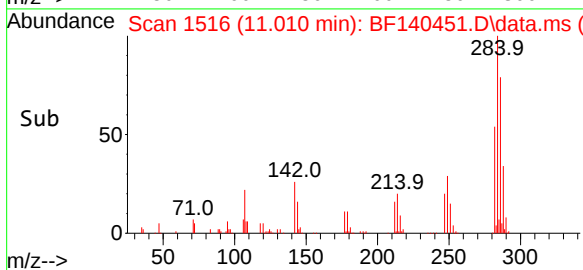
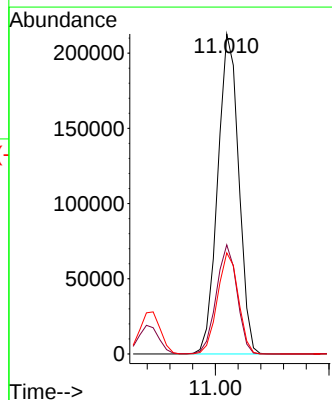
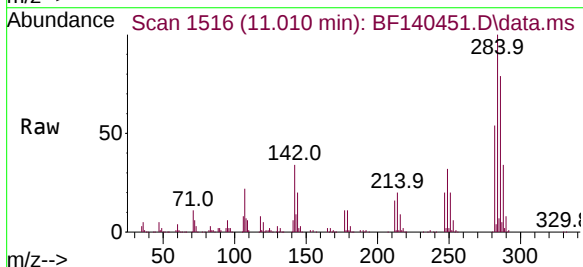
Manual Integrations
APPROVED

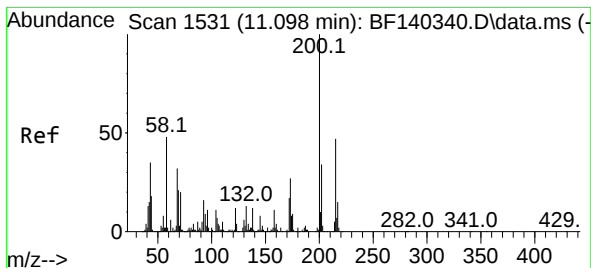
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 44.132 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:284 Resp: 273460
Ion Ratio Lower Upper
284 100
142 34.1 28.1 42.1
249 31.6 24.9 37.3





#69

Atrazine

Concen: 49.928 ng

RT: 11.098 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

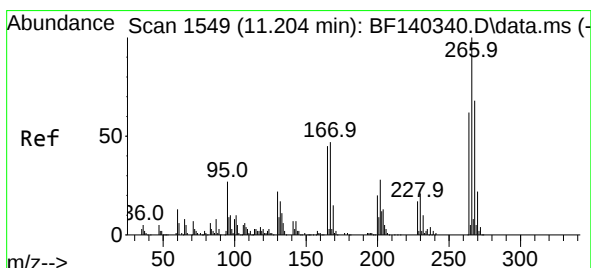
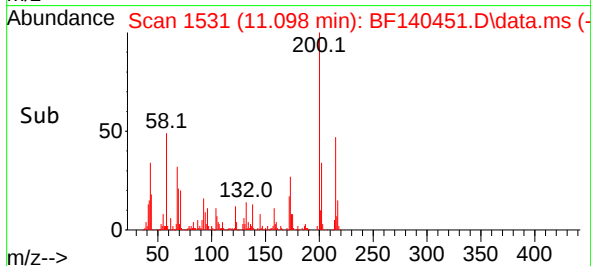
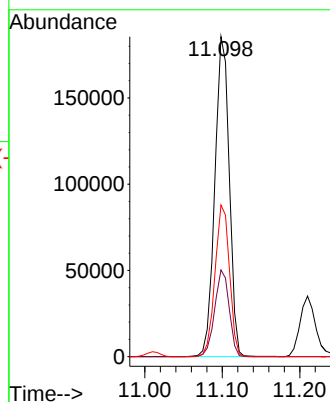
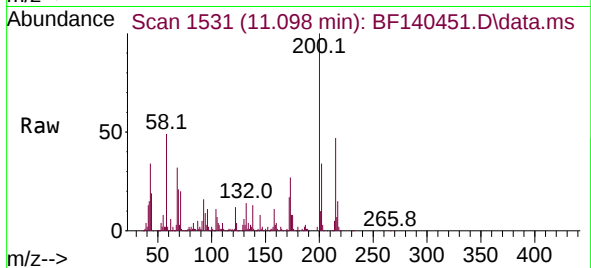
Tgt Ion:200	Resp: 24045
Ion Ratio	Lower Upper
200 100	
173 27.1	6.6 46.6
215 47.4	27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 81.290 ng

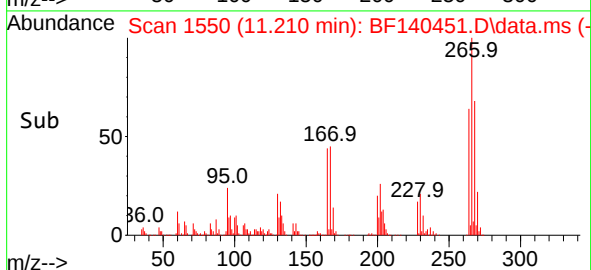
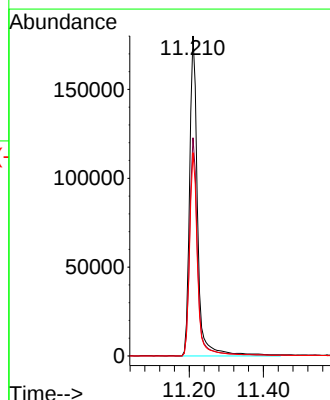
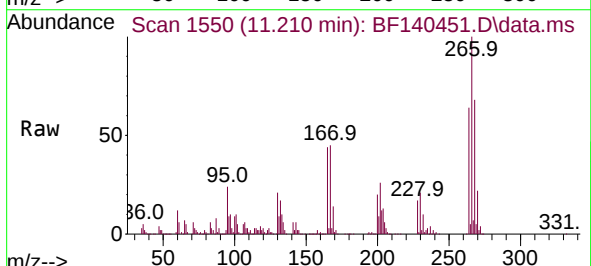
RT: 11.210 min Scan# 1550

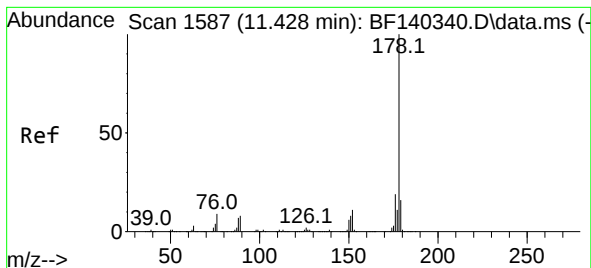
Delta R.T. 0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:266	Resp: 271329
Ion Ratio	Lower Upper
266 100	
268 68.2	52.9 79.3
264 63.5	50.3 75.5





#71
Phenanthrene
Concen: 44.580 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

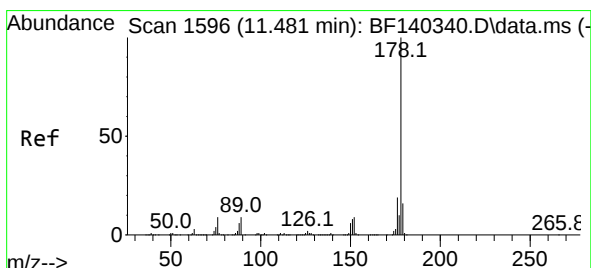
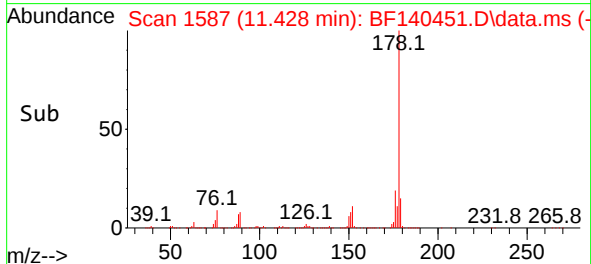
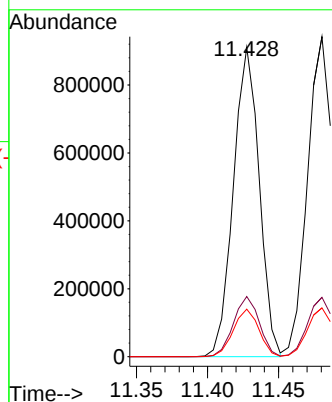
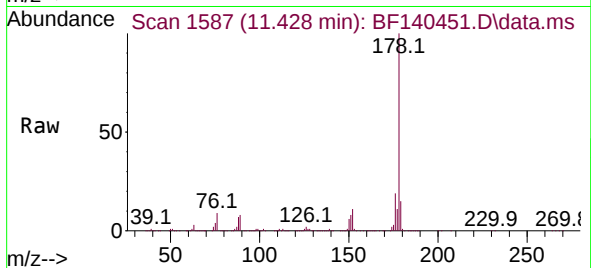
PB164965BS

Tgt Ion:178 Resp: 1153760
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.4 18.6

Manual Integrations

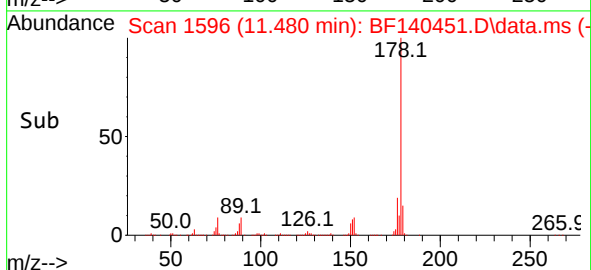
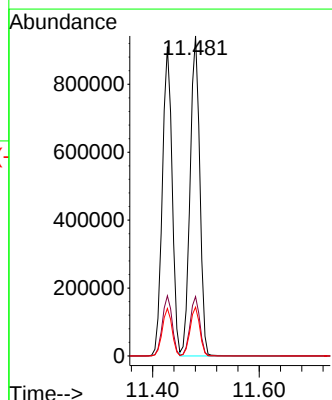
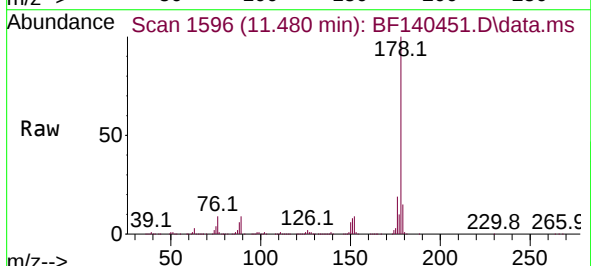
APPROVED

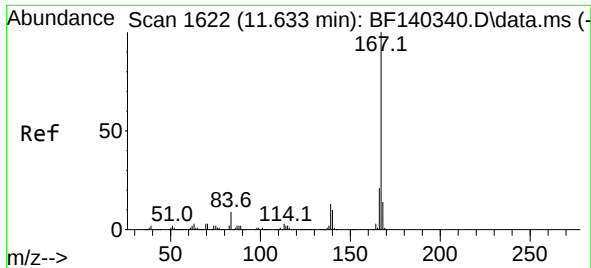
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 46.782 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

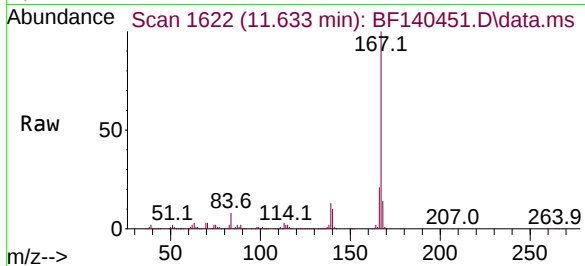
Tgt Ion:178 Resp: 1186603
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 42.879 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF140451.D
 Acq: 18 Nov 2024 13:43

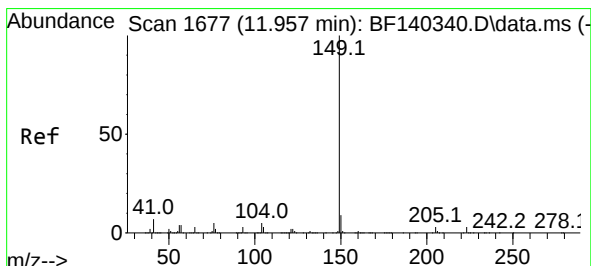
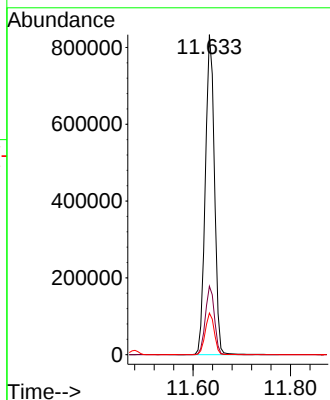
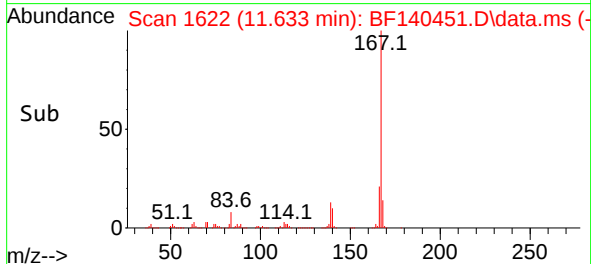
Instrument :
 BNA_F
 ClientSampleId :
 PB164965BS



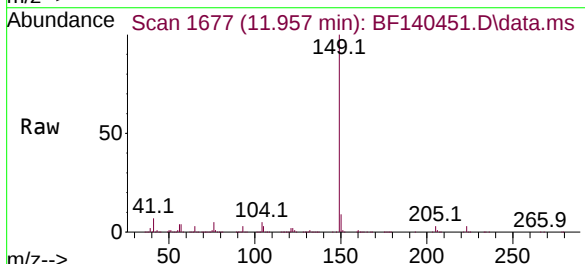
Tgt Ion:167 Resp: 107390
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.0 10.4 15.6

Manual Integrations
 APPROVED

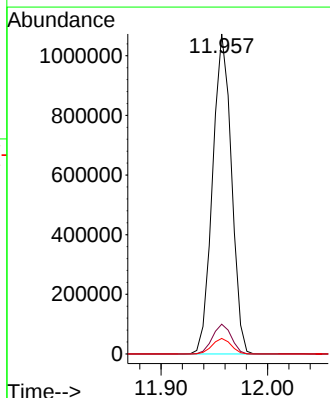
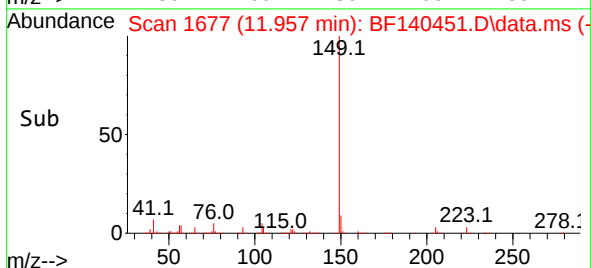
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

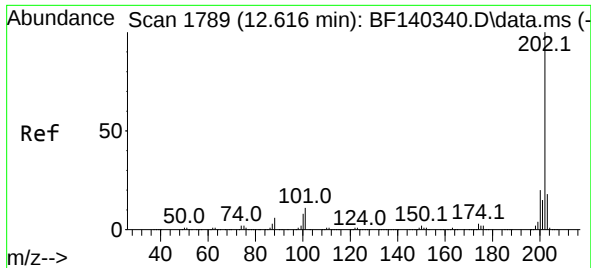


#74
 Di-n-butylphthalate
 Concen: 43.817 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140451.D
 Acq: 18 Nov 2024 13:43



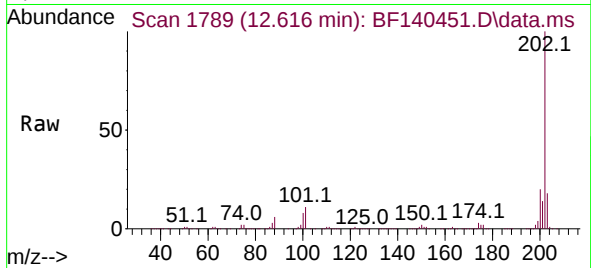
Tgt Ion:149 Resp: 1317109
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 42.152 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

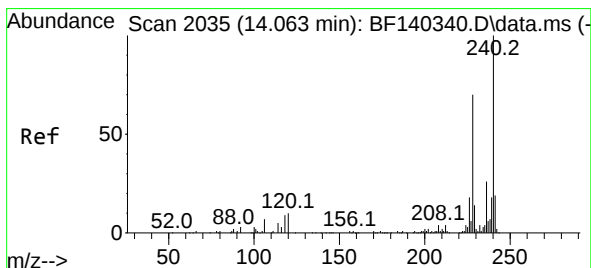
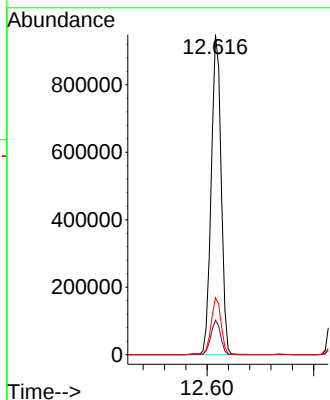
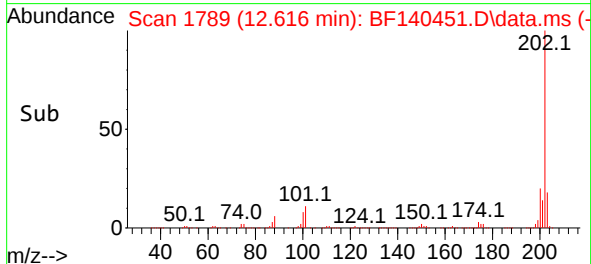
Instrument :
BNA_F
ClientSampleId :
PB164965BS



Tgt Ion:202 Resp: 122392
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.8 0.0 37.7

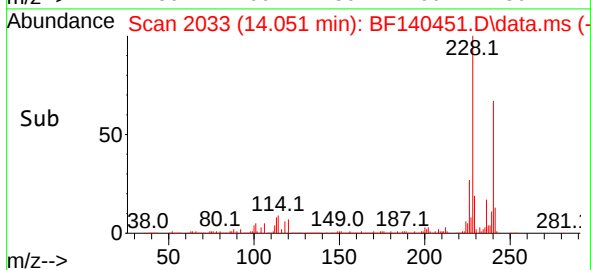
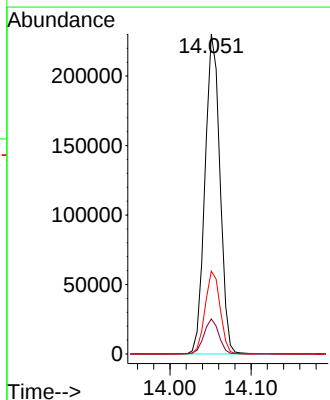
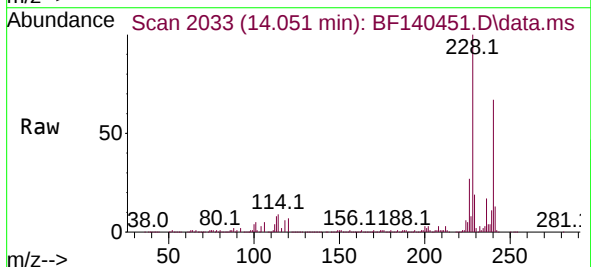
Manual Integrations
APPROVED

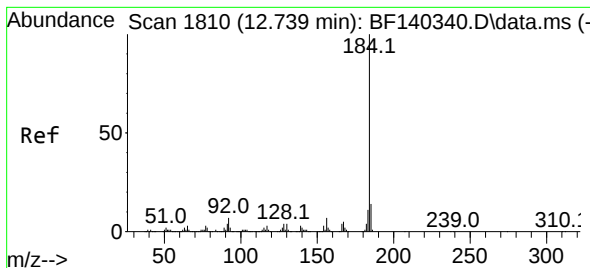
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:240 Resp: 293933
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 27.321 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

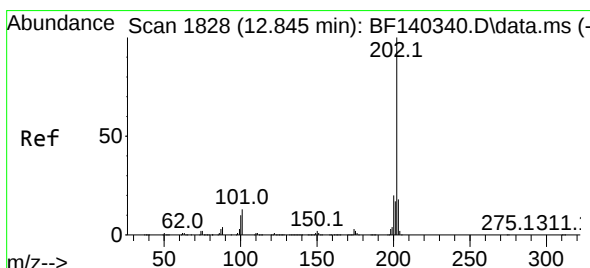
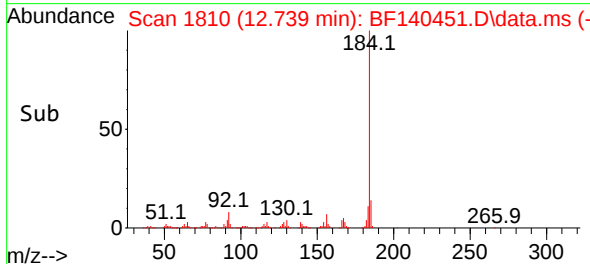
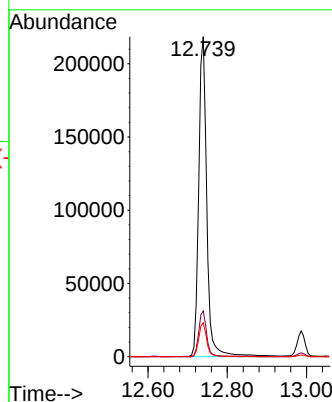
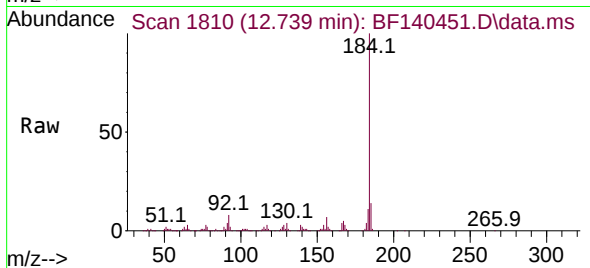
Tgt Ion:184	Resp: 308215
Ion Ratio	Lower Upper
184 100	
185 14.3	11.9 17.9
183 10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#78

Pyrene

Concen: 49.039 ng

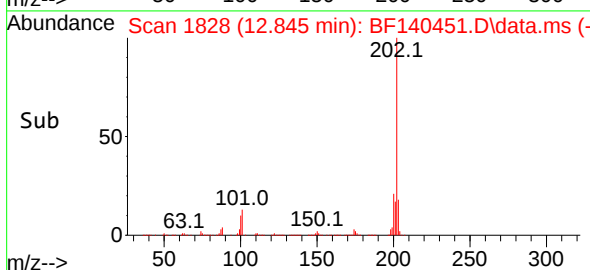
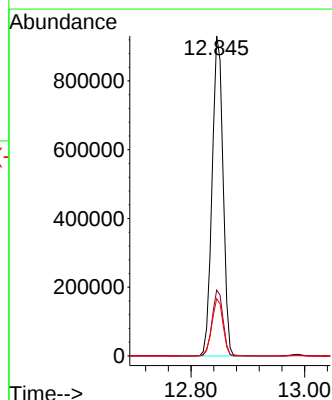
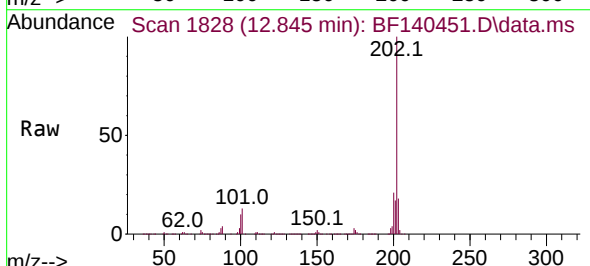
RT: 12.845 min Scan# 1828

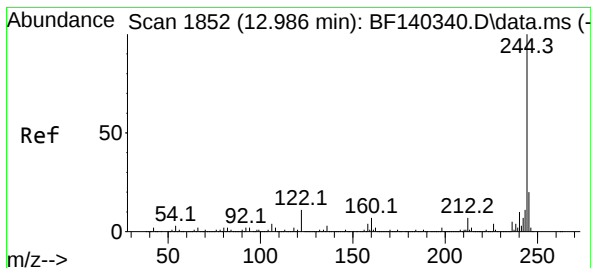
Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:202	Resp: 1232949		
Ion Ratio	Lower	Upper	
202 100			
200 20.6	16.2	24.2	
203 17.9	14.2	21.4	





#79

Terphenyl-d14

Concen: 99.348 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140451.D

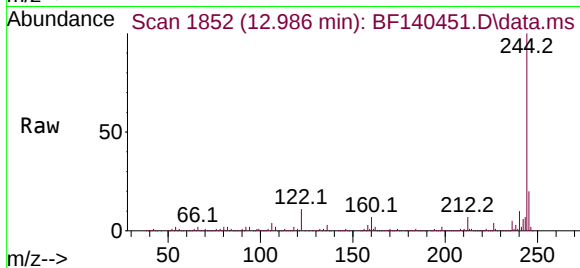
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



Tgt Ion:244 Resp: 1682320

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

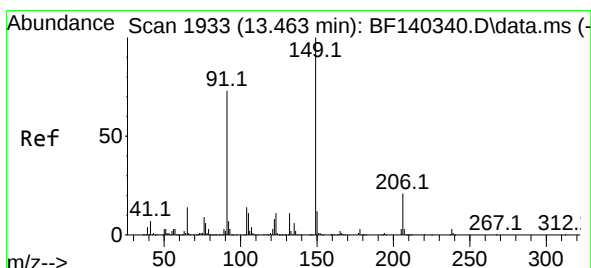
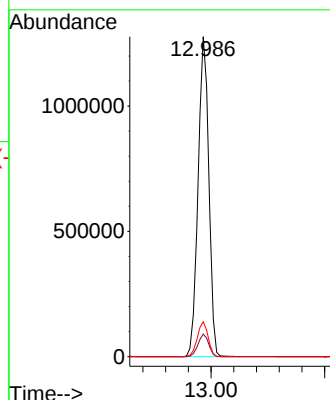
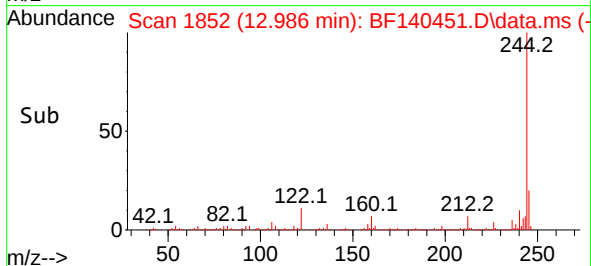
122 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#80

Butylbenzylphthalate

Concen: 50.104 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

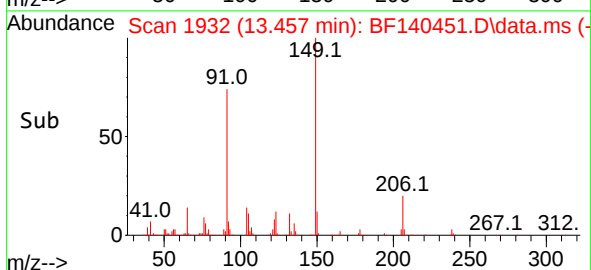
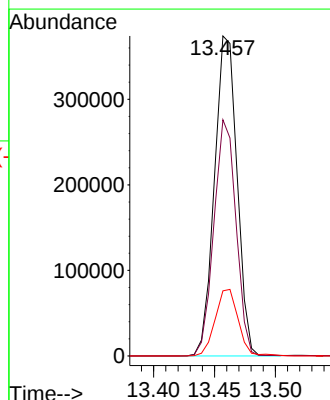
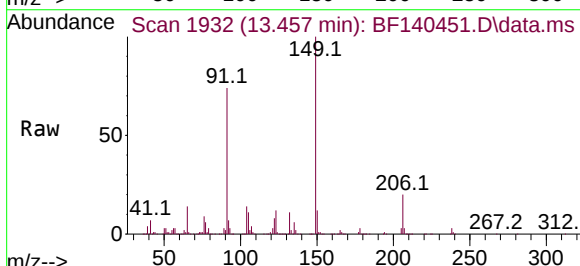
Tgt Ion:149 Resp: 483921

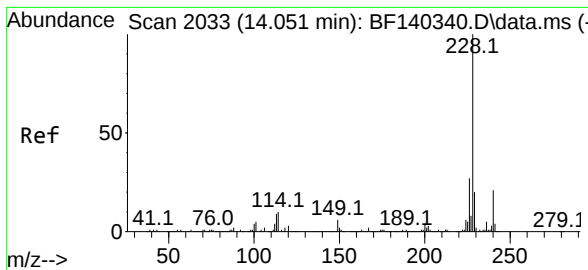
Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

206 20.3 16.1 24.1





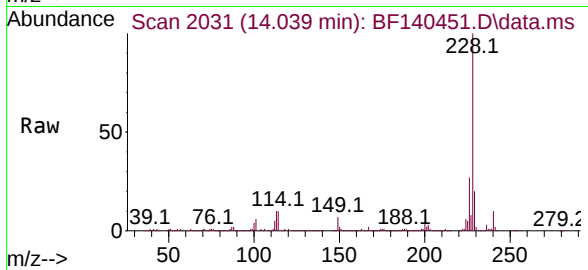
#81
Benzo(a)anthracene
Concen: 46.733 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

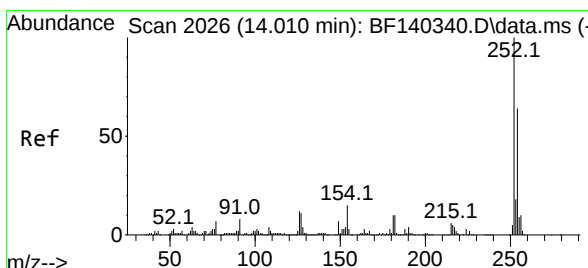
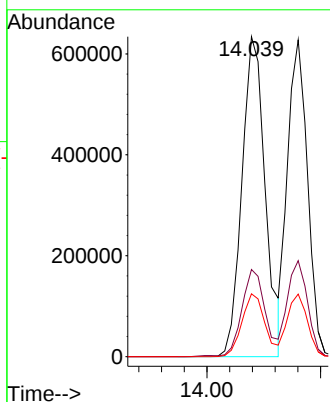
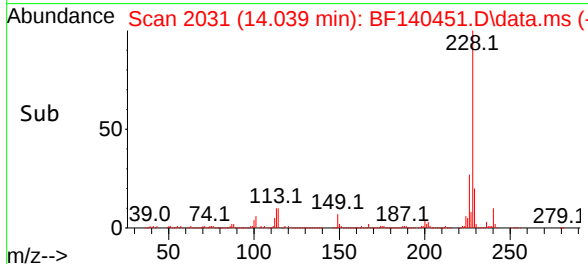
PB164965BS



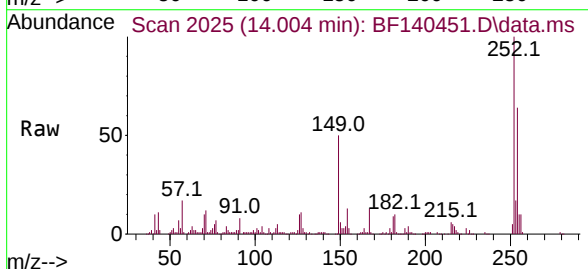
Tgt Ion:228 Resp: 90278
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.7 15.8 23.6

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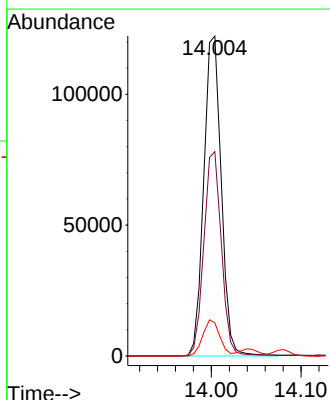
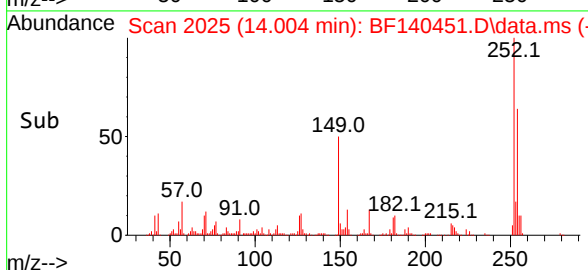
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

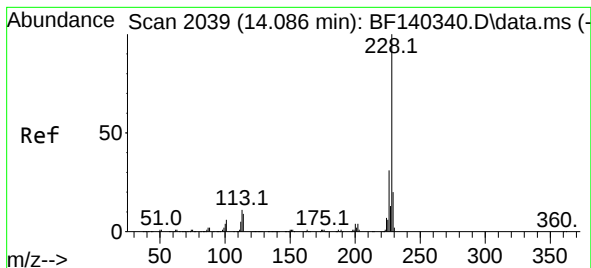


#82
3,3'-Dichlorobenzidine
Concen: 26.969 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:252 Resp: 165597
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 10.3 9.4 14.0





#83

Chrysene

Concen: 43.727 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

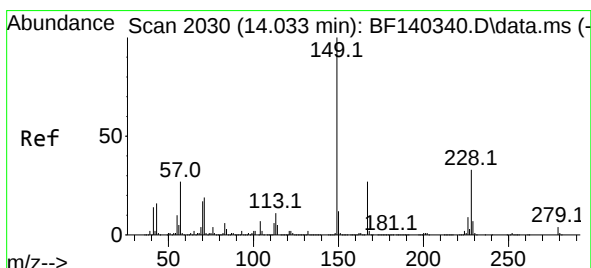
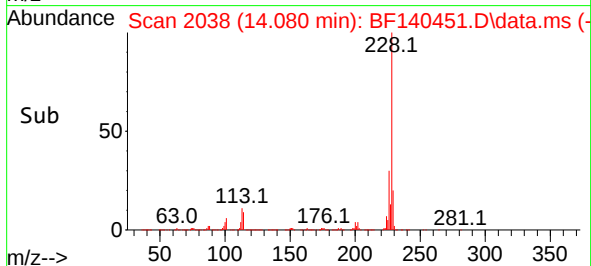
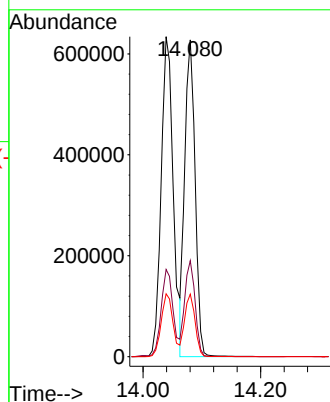
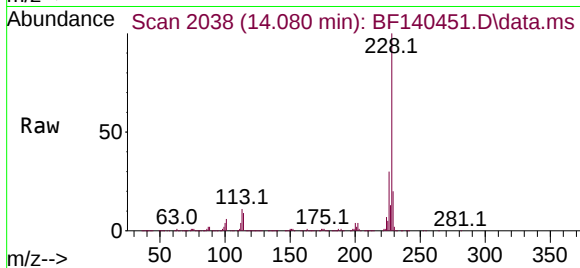
Tgt Ion:	228	Resp:	770739
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.173 ng

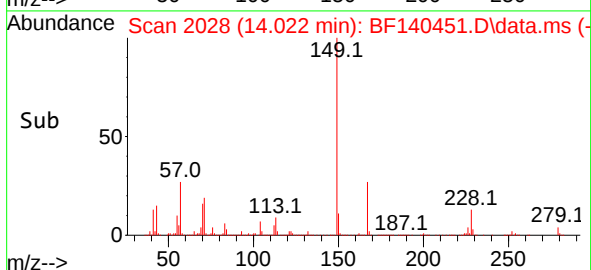
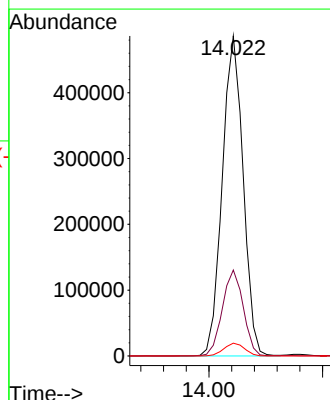
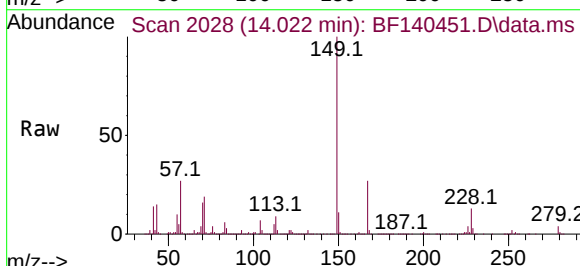
RT: 14.022 min Scan# 2028

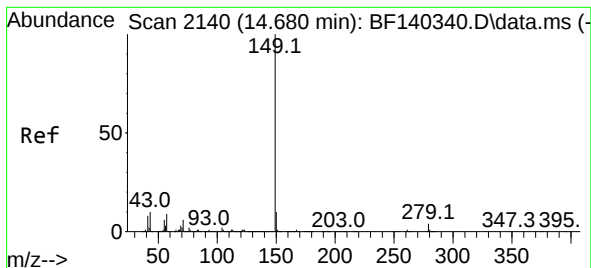
Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Tgt Ion:	149	Resp:	621036
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.4	32.0
279	4.0	3.0	4.6





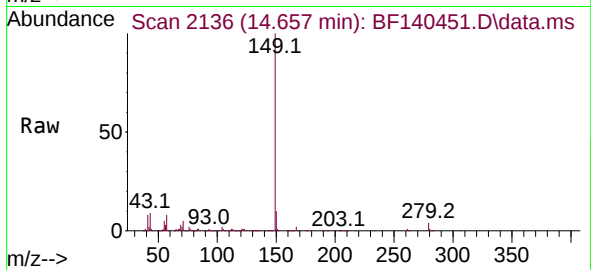
#85
Di-n-octyl phthalate
Concen: 44.875 ng
RT: 14.657 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS



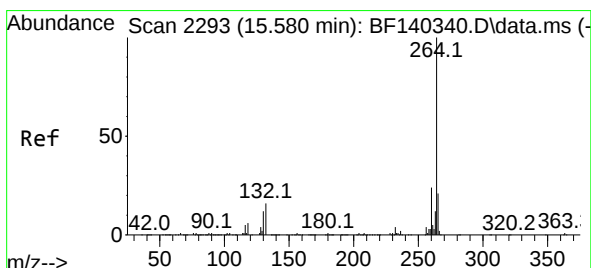
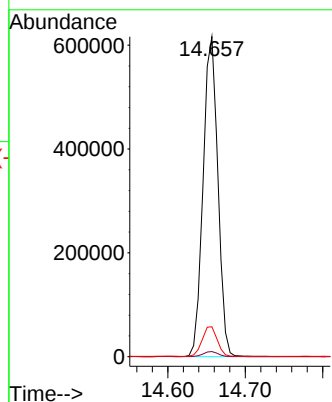
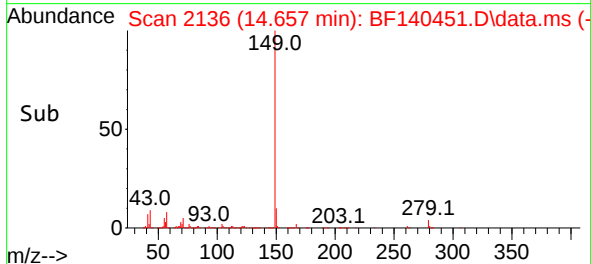
Tgt Ion:149 Resp: 81478
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 8.0 12.0

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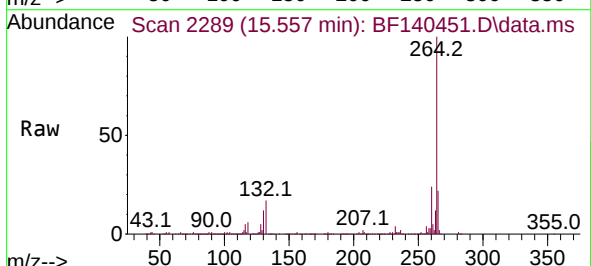
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

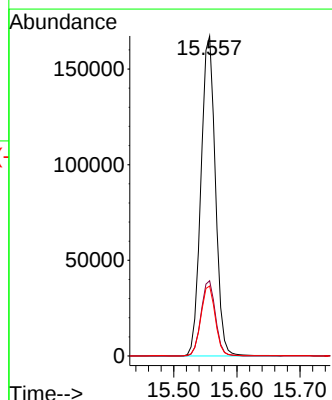
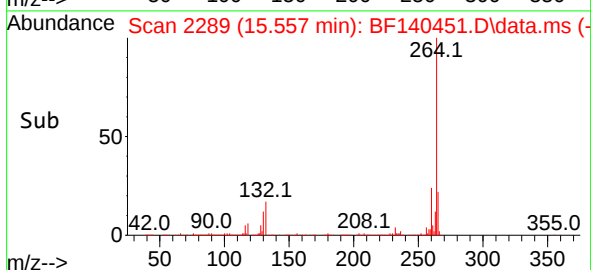
Supervised By :mohammad ahmed 11/19/2024

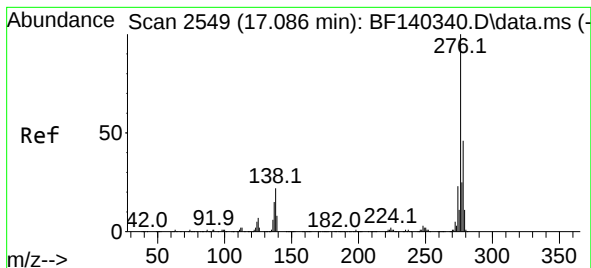


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43



Tgt Ion:264 Resp: 265318
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.723 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164965BS

Tgt Ion:276 Resp: 831320

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

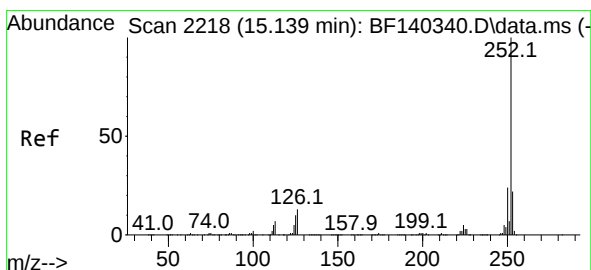
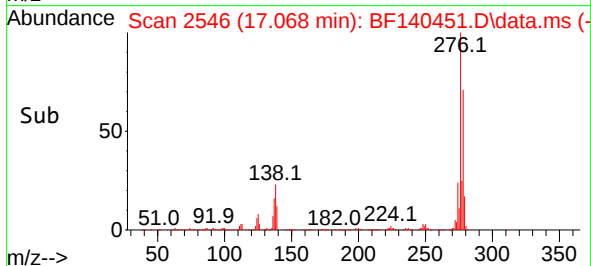
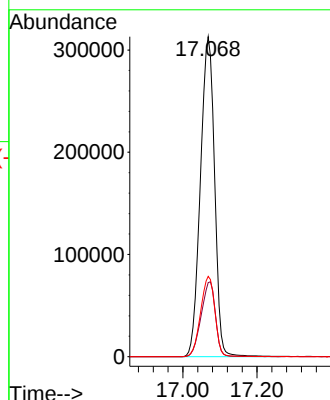
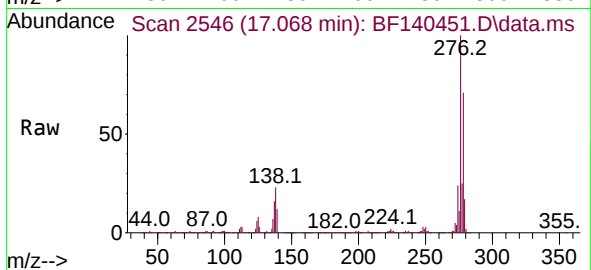
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#88

Benzo(b)fluoranthene

Concen: 41.389 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF140451.D

Acq: 18 Nov 2024 13:43

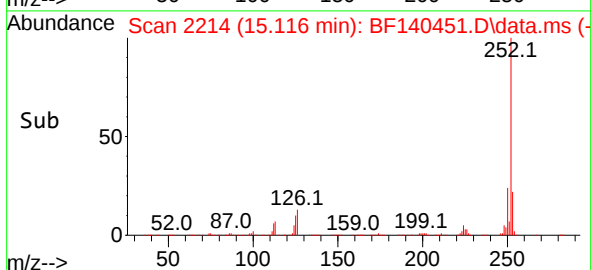
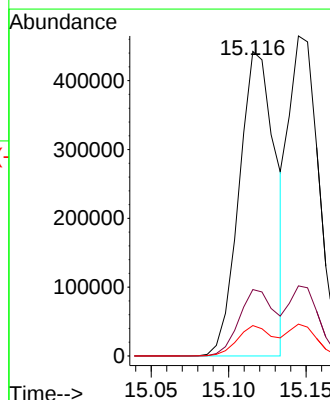
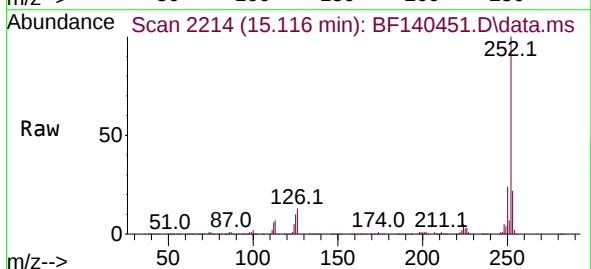
Tgt Ion:252 Resp: 718346

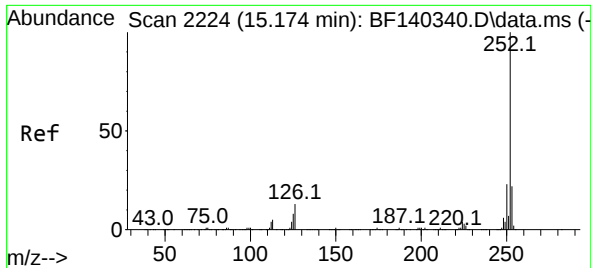
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 43.847 ng
RT: 15.145 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

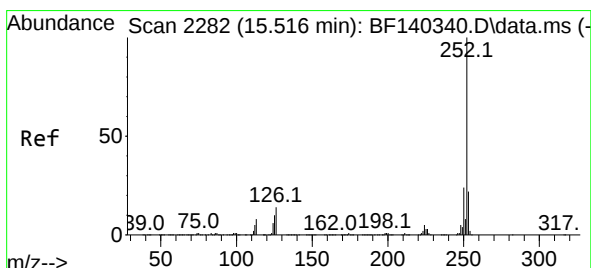
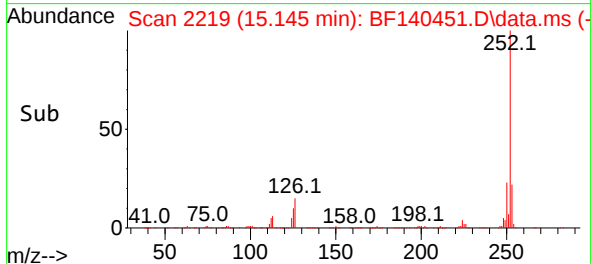
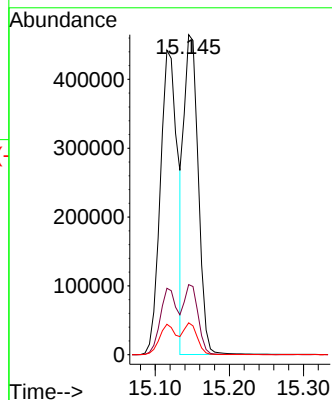
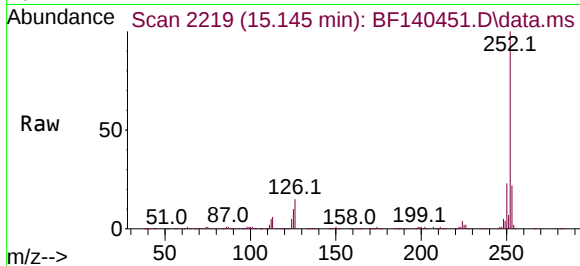
PB164965BS

Tgt Ion:252 Resp: 62168
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.9 7.4 11.2

Manual Integrations

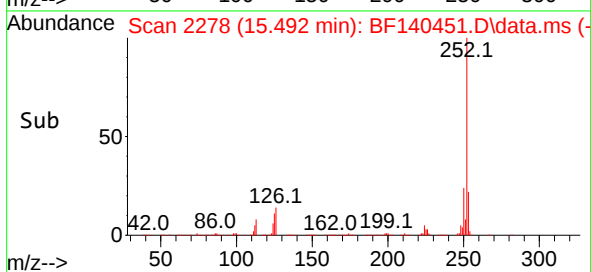
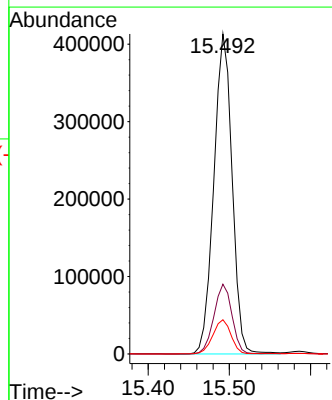
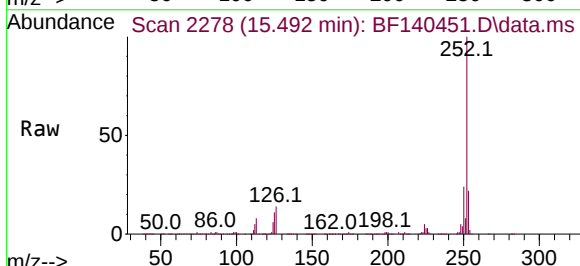
APPROVED

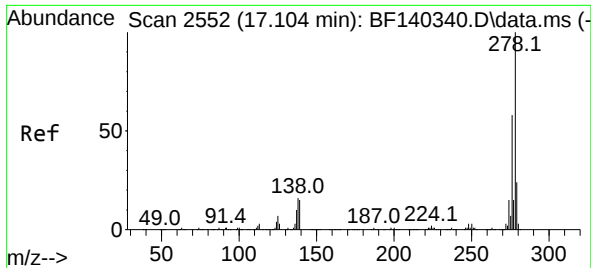
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#90
Benzo(a)pyrene
Concen: 48.051 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:252 Resp: 647623
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.7 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 50.539 ng
RT: 17.080 min Scan# 2548
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Instrument :

BNA_F

ClientSampleId :

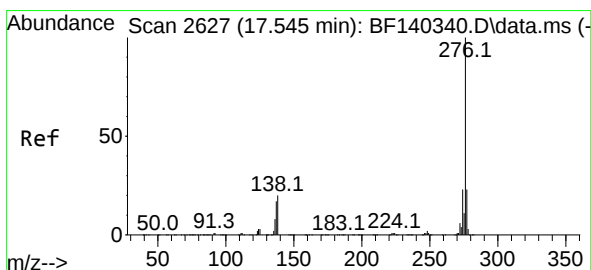
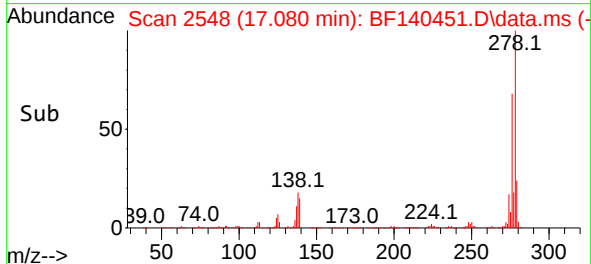
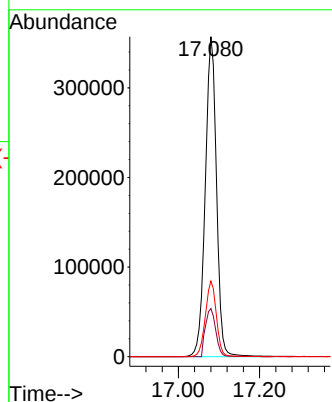
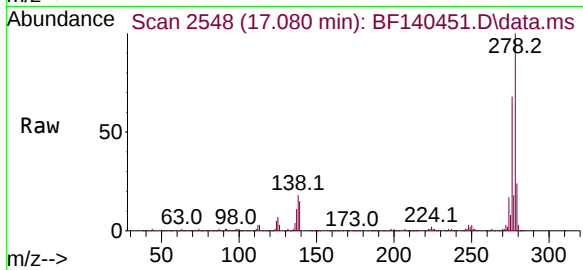
PB164965BS

Tgt Ion:278 Resp: 684678
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 23.6 18.9 28.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#92
Benzo(g,h,i)perylene
Concen: 45.684 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BF140451.D
Acq: 18 Nov 2024 13:43

Tgt Ion:276 Resp: 632716
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.3 16.0 24.0

