

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140353.D
 Acq On : 14 Nov 2024 10:34
 Operator : RC/JU
 Sample : PB164911BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 11:22:16 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	147725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	585071	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	312453	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	614759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	351181	20.000	ng	0.00
86) Perylene-d12	15.551	264	288242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833656	96.353	ng	0.01
7) Phenol-d6	6.504	99	1124773	95.952	ng	0.00
23) Nitrobenzene-d5	7.439	82	1031505	91.859	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	305925	98.460	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1808380	93.040	ng	0.00
79) Terphenyl-d14	12.992	244	2040433	100.853	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	155867	40.420	ng	99
3) Pyridine	3.493	79	389554	41.091	ng	99
4) n-Nitrosodimethylamine	3.451	42	230749	48.159	ng	100
6) Aniline	6.540	93	444974	43.636	ng	98
8) 2-Chlorophenol	6.663	128	478506	51.485	ng	97
10) Phenol	6.522	94	614486	49.708	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	457571	48.851	ng	97
12) 1,3-Dichlorobenzene	6.822	146	468864	45.723	ng	100
13) 1,4-Dichlorobenzene	6.892	146	474807	45.664	ng	99
14) 1,2-Dichlorobenzene	7.045	146	460082	47.663	ng	99
15) Benzyl Alcohol	7.022	79	436971	51.740	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	647937	50.080	ng	99
17) 2-Methylphenol	7.128	107	385014	50.358	ng	99
18) Hexachloroethane	7.386	117	177336	46.134	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	344372	48.642	ng	100
20) 3+4-Methylphenols	7.281	107	468915	49.042	ng	99
22) Acetophenone	7.287	105	622038	45.713	ng	99
24) Nitrobenzene	7.463	77	521208	44.580	ng	99
25) Isophorone	7.698	82	967236	48.601	ng	99
26) 2-Nitrophenol	7.775	139	252606	48.689	ng	99
27) 2,4-Dimethylphenol	7.810	122	447353	67.350	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	579421	47.482	ng	100
29) 2,4-Dichlorophenol	8.016	162	397276	48.396	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	413496	45.244	ng	99
31) Naphthalene	8.181	128	1348824	45.446	ng	100
32) Benzoic acid	7.939	122	259943	44.475	ng	95
33) 4-Chloroaniline	8.228	127	347352	33.653	ng	99
34) Hexachlorobutadiene	8.292	225	255078	43.805	ng	100
35) Caprolactam	8.598	113	136028m	49.857	ng	
36) 4-Chloro-3-methylphenol	8.710	107	437489	48.091	ng	100
37) 2-Methylnaphthalene	8.869	142	871583	45.798	ng	100
38) 1-Methylnaphthalene	8.969	142	811806	43.561	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	405051	46.879	ng	98
41) Hexachlorocyclopentadiene	9.022	237	439646	198.178	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	283526	50.002	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	305803	49.327	ng	99

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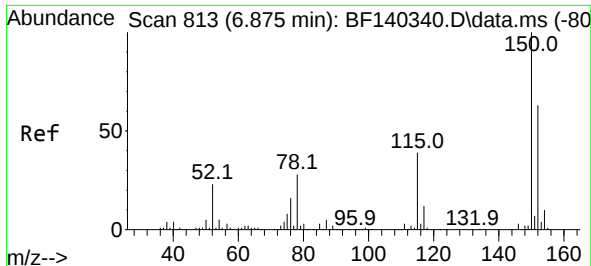
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1079334	47.483	ng	99
47) 2-Chloronaphthalene	9.363	162	832011	48.050	ng	99
48) 2-Nitroaniline	9.457	65	290698	50.622	ng	98
49) Acenaphthylene	9.775	152	1321969	50.460	ng	100
50) Dimethylphthalate	9.639	163	1020427	50.104	ng	100
51) 2,6-Dinitrotoluene	9.698	165	227803	49.064	ng	98
52) Acenaphthene	9.951	154	957114	54.090	ng	100
53) 3-Nitroaniline	9.869	138	183182	37.568	ng	98
54) 2,4-Dinitrophenol	9.980	184	263702	110.138	ng	100
55) Dibenzofuran	10.122	168	1234144	49.269	ng	99
56) 4-Nitrophenol	10.033	139	391843	110.174	ng	99
57) 2,4-Dinitrotoluene	10.104	165	304491	49.830	ng	98
58) Fluorene	10.463	166	949318	47.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	267645	54.677	ng	99
60) Diethylphthalate	10.339	149	1026948	49.313	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	464759	47.573	ng	98
62) 4-Nitroaniline	10.486	138	239423	48.023	ng	99
63) Azobenzene	10.616	77	1000962	48.646	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	171685	51.907	ng	99
66) n-Nitrosodiphenylamine	10.575	169	852101	47.972	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	286121	46.560	ng	99
68) Hexachlorobenzene	11.016	284	318178	46.018	ng	98
69) Atrazine	11.104	200	272188	50.649	ng	100
70) Pentachlorophenol	11.210	266	327793	88.011	ng	99
71) Phenanthrene	11.427	178	1386499	48.011	ng	99
72) Anthracene	11.480	178	1353700	47.829	ng	100
73) Carbazole	11.633	167	1320288	47.244	ng	100
74) Di-n-butylphthalate	11.963	149	1606287	47.889	ng	100
75) Fluoranthene	12.616	202	1491256	46.027	ng	99
77) Benzidine	12.733	184	192923	14.313	ng	100
78) Pyrene	12.845	202	1500915	49.966	ng	99
80) Butylbenzylphthalate	13.463	149	629547	54.556	ng	98
81) Benzo(a)anthracene	14.039	228	1130109	48.964	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	300606	40.976	ng	99
83) Chrysene	14.080	228	984993	46.773	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	838588	54.444	ng	99
85) Di-n-octyl phthalate	14.657	149	1167036	53.798	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	990428	55.625	ng	100
88) Benzo(b)fluoranthene	15.115	252	972200	51.561	ng	99
89) Benzo(k)fluoranthene	15.145	252	828280	53.772	ng	98
90) Benzo(a)pyrene	15.492	252	780350	53.294	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	837946	56.934	ng	98
92) Benzo(g,h,i)perylene	17.515	276	807037	53.636	ng	99

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

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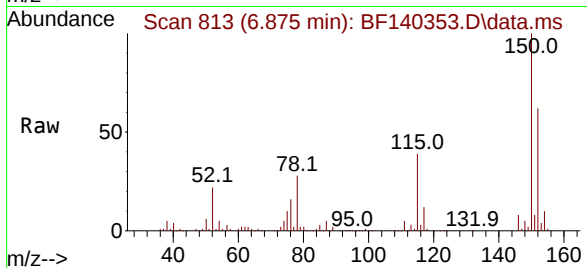
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140353.D
 Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

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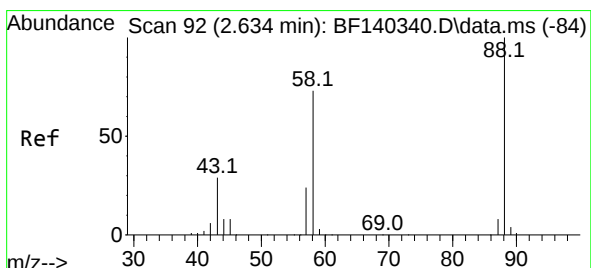
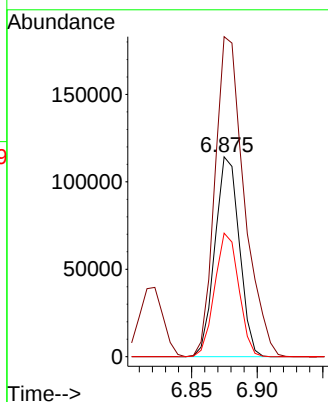
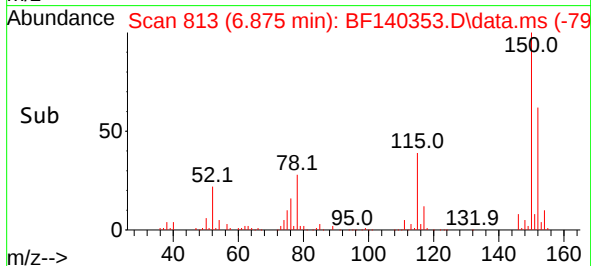
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 Ion Ratio Lower Upper
 152 100
 150 160.1 127.4 191.0
 115 61.8 47.4 71.2

Manual Integrations

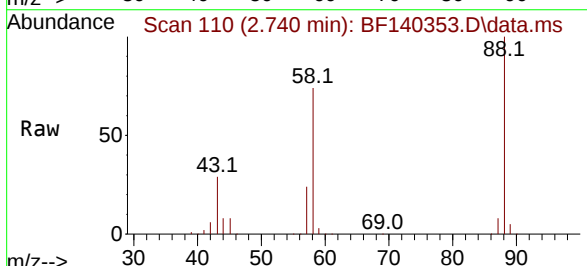
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Reviewed By :Yogesh Patel 11/15/2024

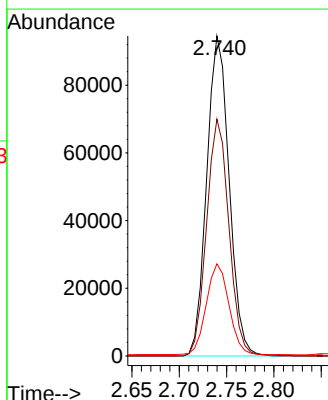
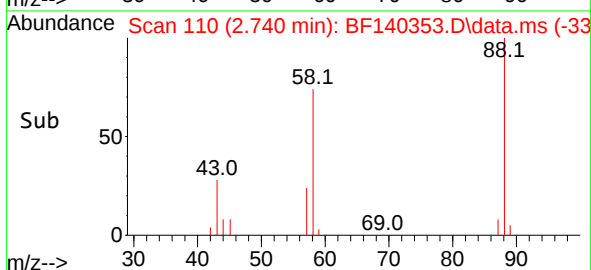
Supervised By :mohammad ahmed 11/15/2024

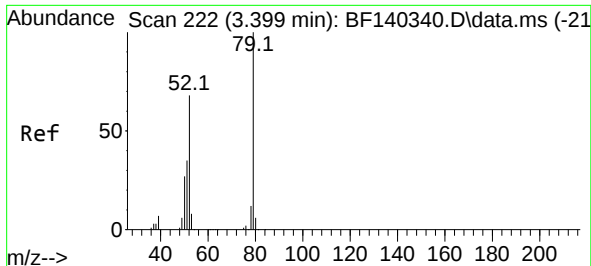


#2
 1,4-Dioxane
 Concen: 40.420 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF140353.D
 Acq: 14 Nov 2024 10:34



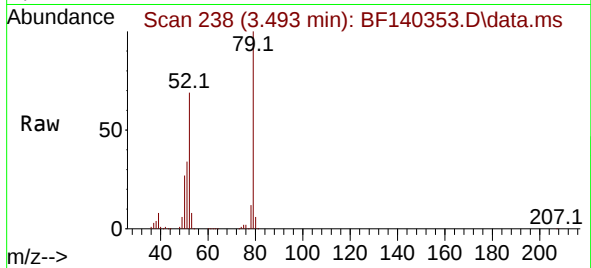
Tgt Ion: 88 Resp: 155867
 Ion Ratio Lower Upper
 88 100
 58 73.7 59.5 89.3
 43 28.9 23.4 35.2





#3
Pyridine
Concen: 41.091 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

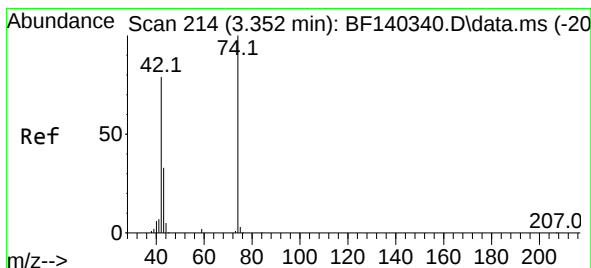
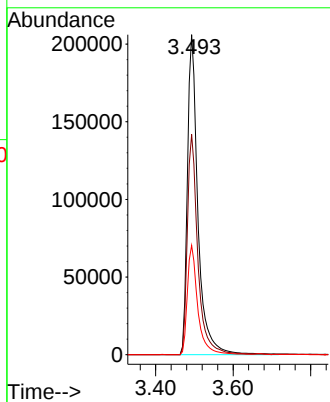
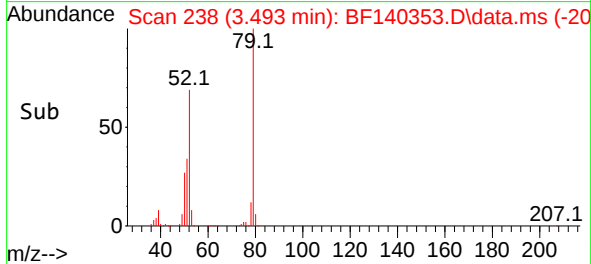
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Tgt Ion: 79 Resp: 389554
Ion Ratio Lower Upper
79 100
52 68.9 53.8 80.6
51 34.1 27.3 40.9

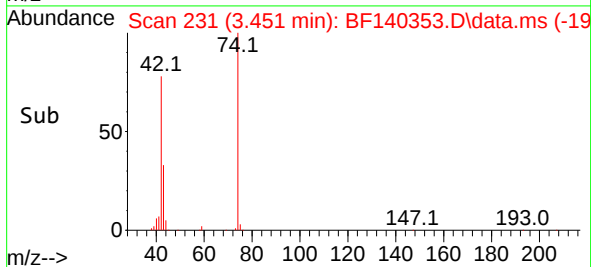
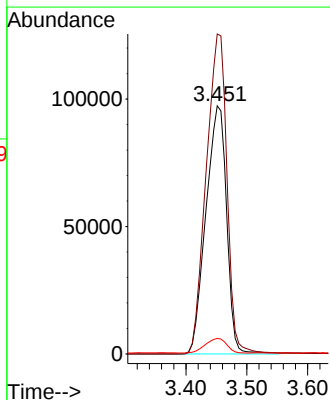
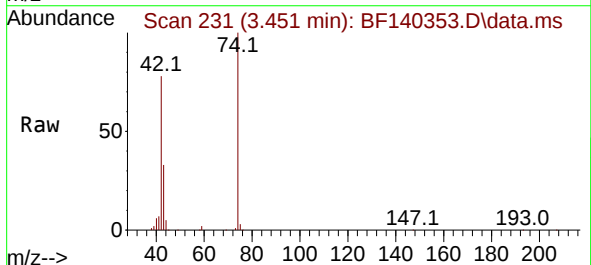
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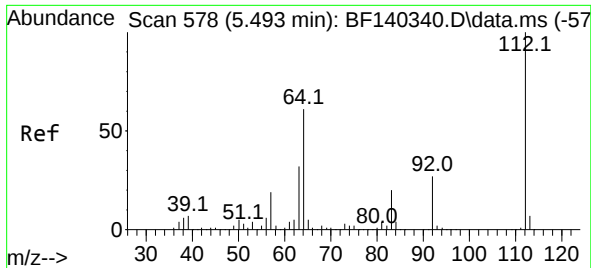
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#4
n-Nitrosodimethylamine
Concen: 48.159 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.094 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 42 Resp: 230749
Ion Ratio Lower Upper
42 100
74 128.9 103.5 155.3
44 6.2 5.1 7.7





#5
2-Fluorophenol
Concen: 96.353 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

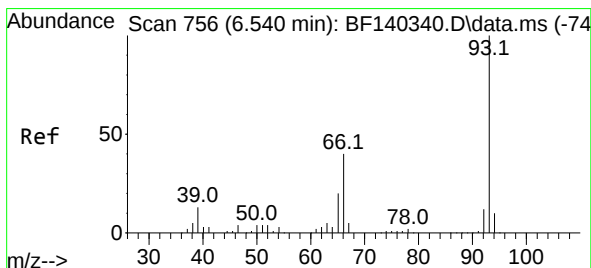
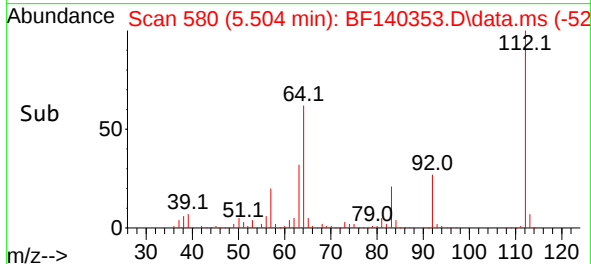
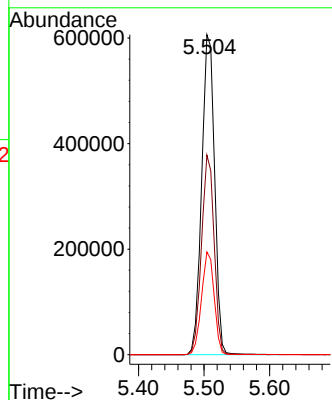
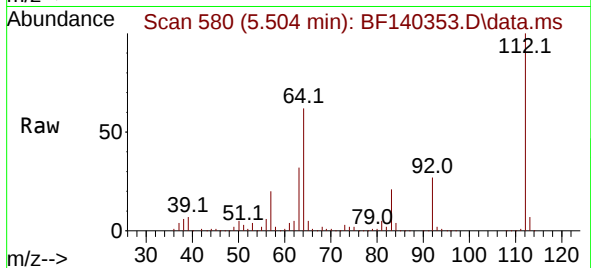
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Tgt Ion:112 Resp: 833650
Ion Ratio Lower Upper
112 100
64 62.3 49.2 73.8
63 32.1 25.6 38.4

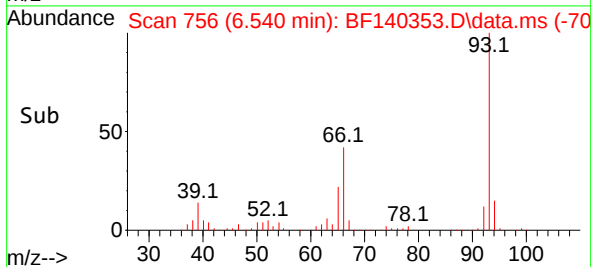
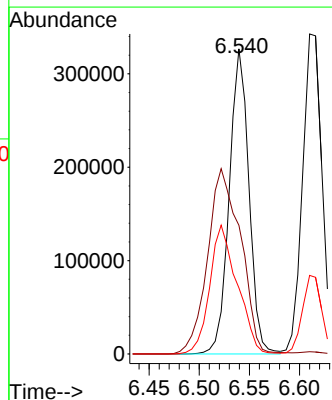
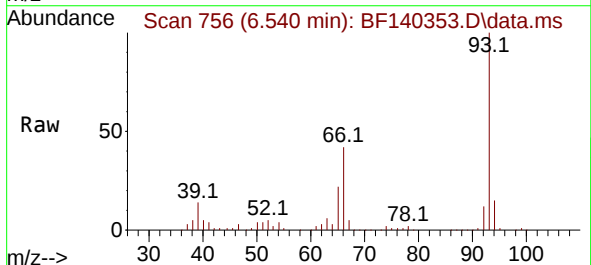
Manual Integrations
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#6
Aniline
Concen: 43.636 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

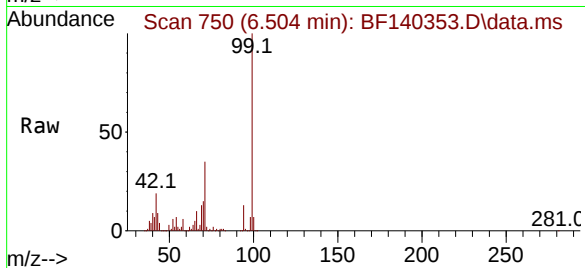
Tgt Ion: 93 Resp: 444974
Ion Ratio Lower Upper
93 100
66 42.2 32.8 49.2
65 21.6 16.6 25.0





#7
Phenol-d6
Concen: 95.952 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

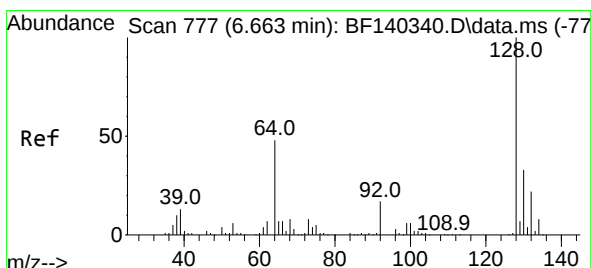
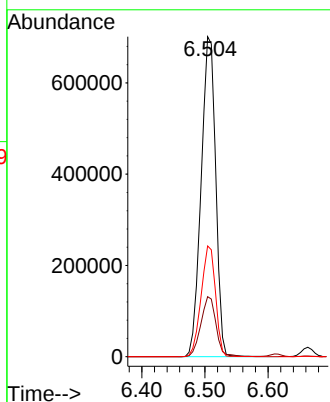
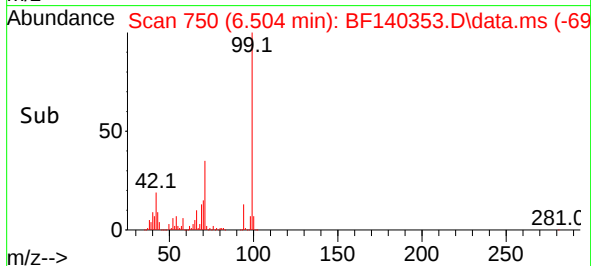
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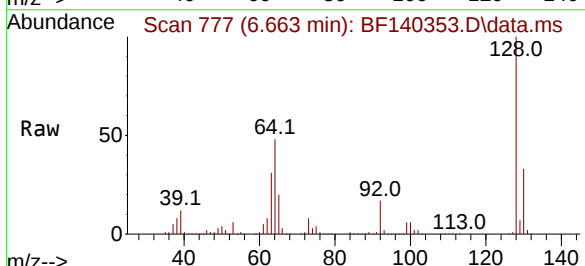
Tgt Ion: 99 Resp: 112477
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 34.6 27.9 41.9

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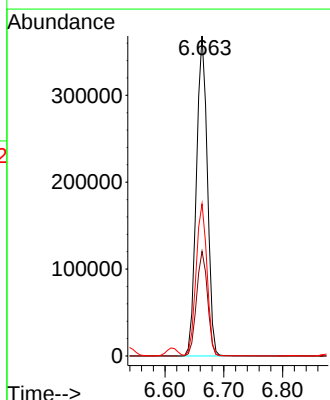
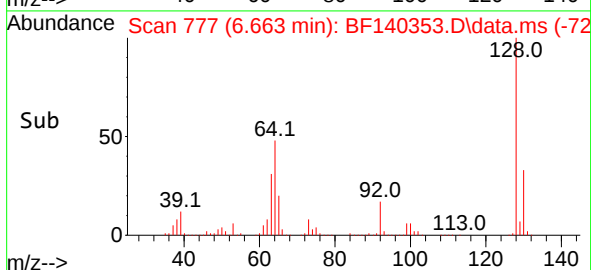
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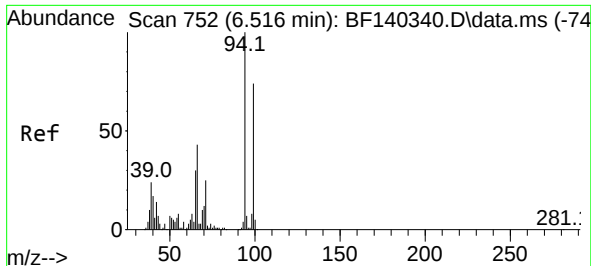


#8
2-Chlorophenol
Concen: 51.485 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140353.D
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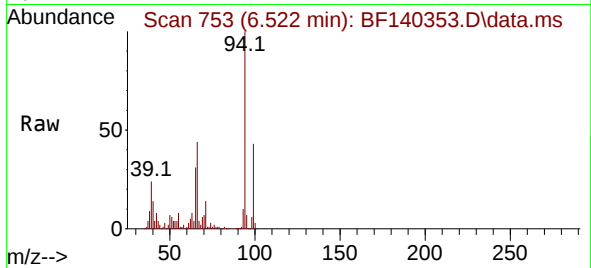
Tgt Ion:128 Resp: 478506
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 47.5 30.2 70.2





#10
Phenol
Concen: 49.708 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

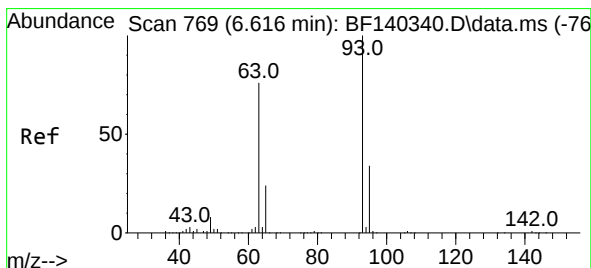
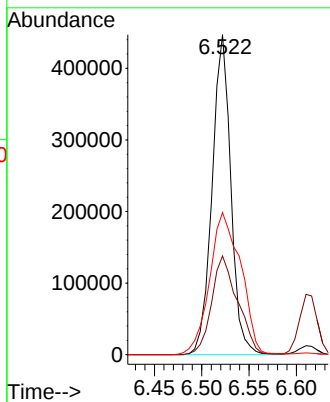
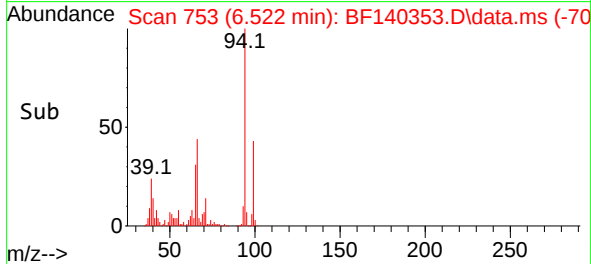
Instrument :
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Tgt Ion: 94 Resp: 614480
Ion Ratio Lower Upper
94 100
65 30.9 10.4 50.4
66 44.4 22.9 62.9

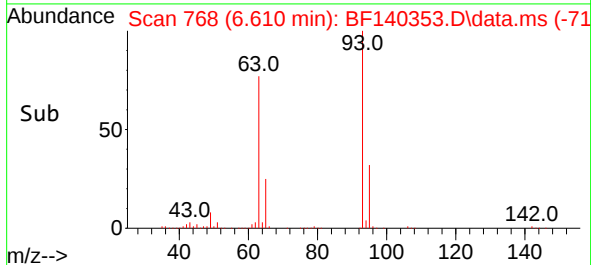
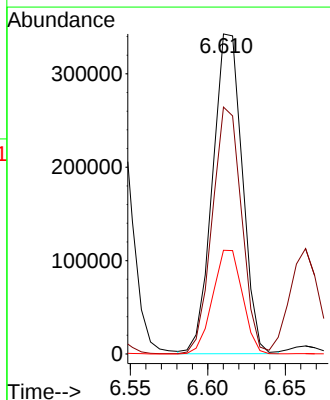
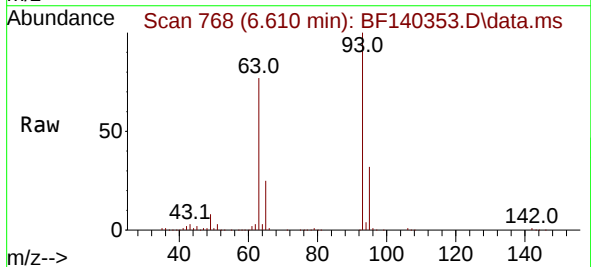
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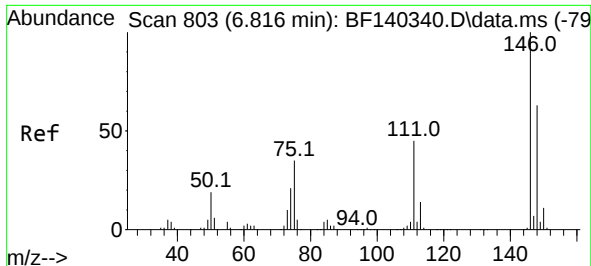
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#11
bis(2-Chloroethyl)ether
Concen: 48.851 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 93 Resp: 457571
Ion Ratio Lower Upper
93 100
63 77.1 54.0 94.0
95 32.4 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 45.723 ng

RT: 6.822 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:146 Resp: 468864

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

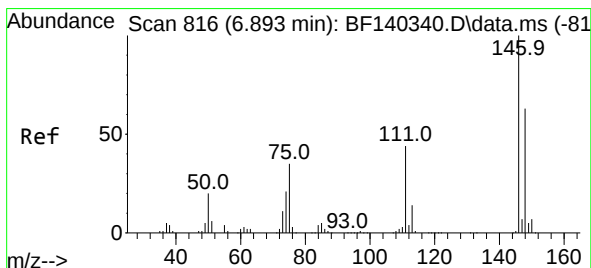
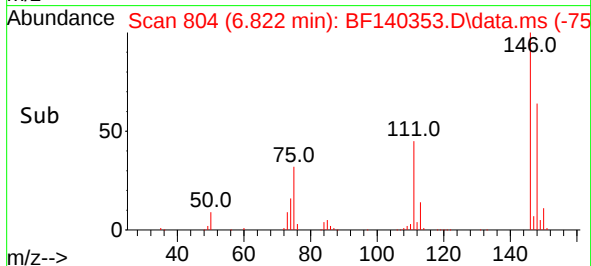
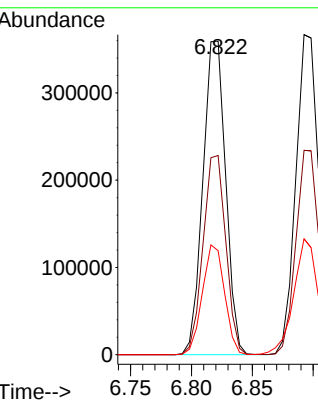
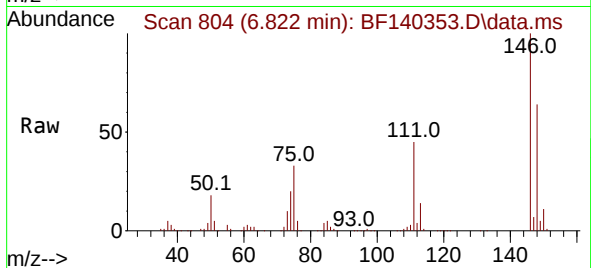
75 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#13

1,4-Dichlorobenzene

Concen: 45.664 ng

RT: 6.892 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

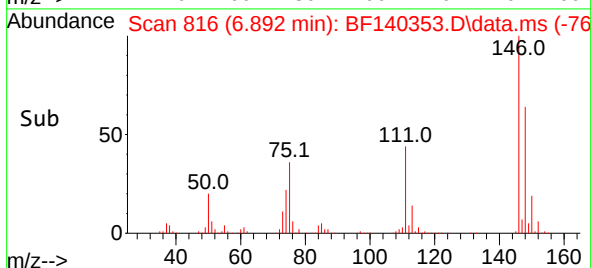
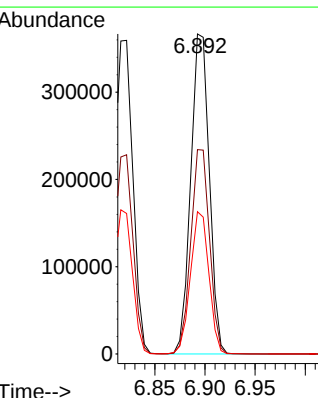
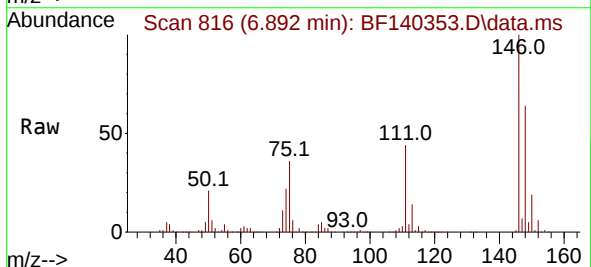
Tgt Ion:146 Resp: 474807

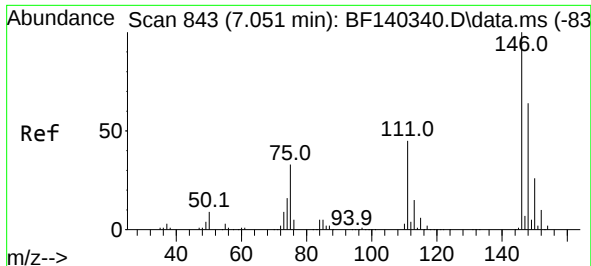
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

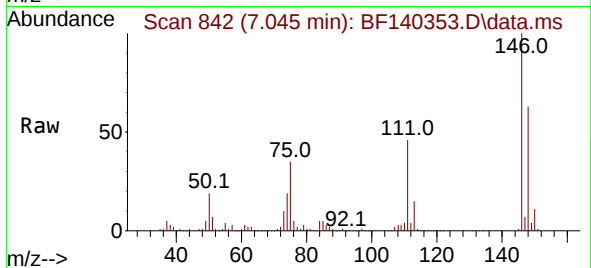
111 44.5 34.2 51.2





#14
1,2-Dichlorobenzene
Concen: 47.663 ng
RT: 7.045 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

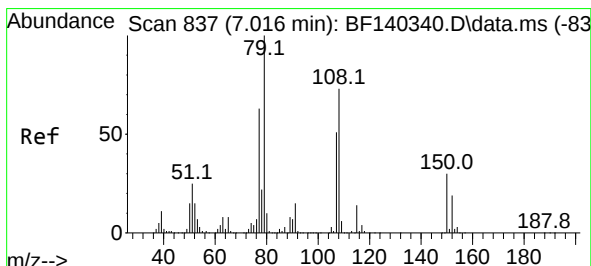
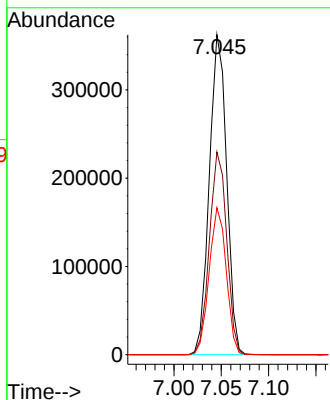
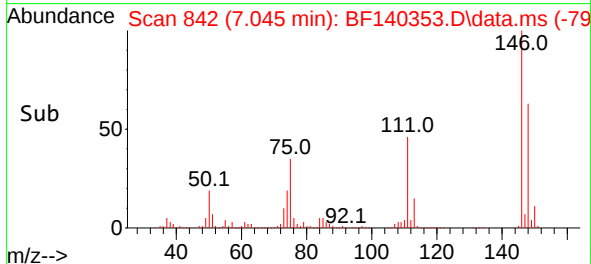
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion:146 Resp: 460081
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 46.0 36.5 54.7

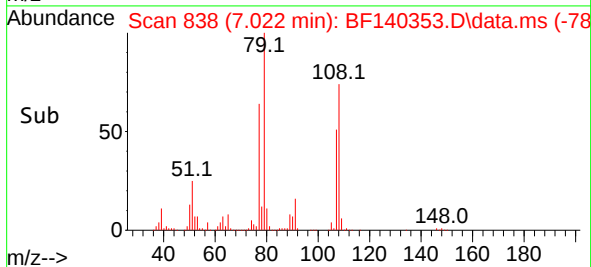
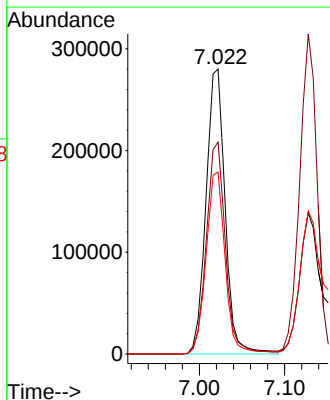
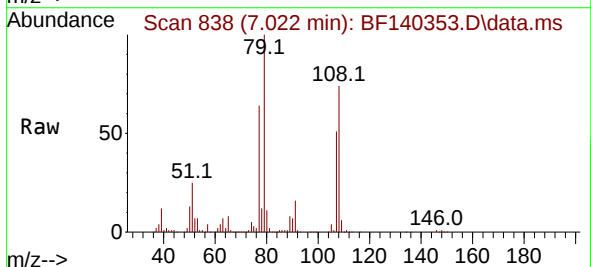
Manual Integrations
APPROVED

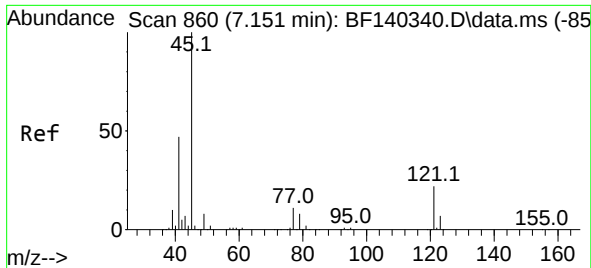
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#15
Benzyl Alcohol
Concen: 51.740 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 79 Resp: 436971
Ion Ratio Lower Upper
79 100
108 74.4 57.8 86.6
77 63.9 49.8 74.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.080 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

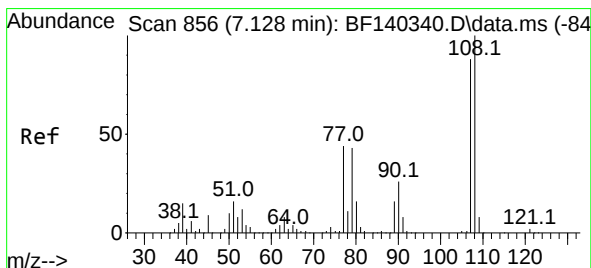
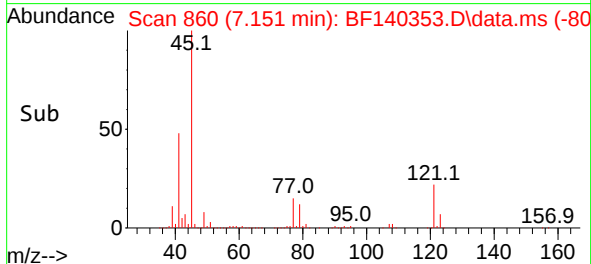
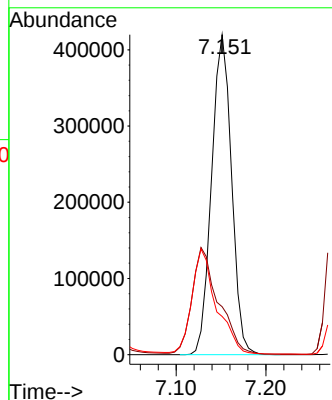
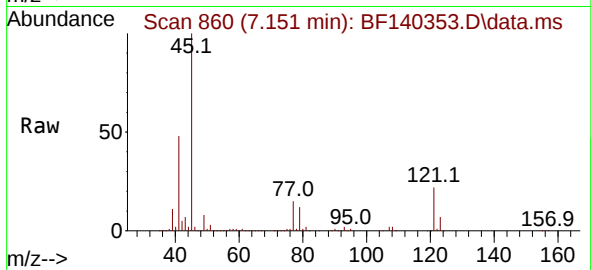
ClientSampleId :

PB164911BS

Tgt Ion: 45 Resp: 64793
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.8
79 12.0 0.0 31.4

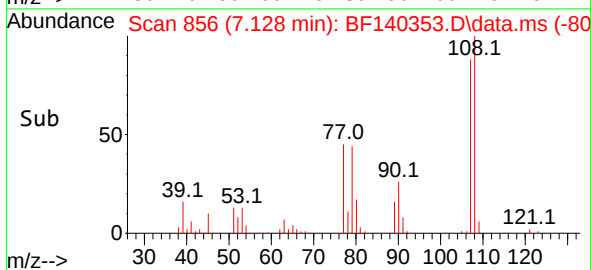
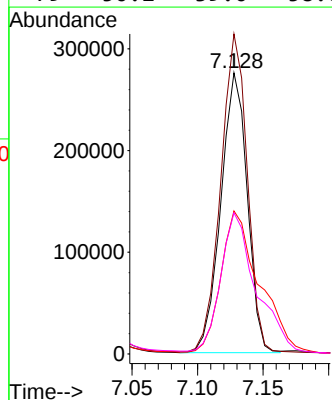
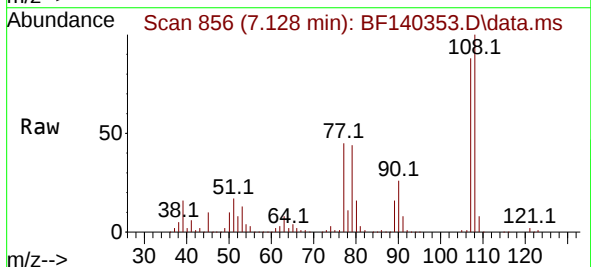
Manual Integrations
APPROVED

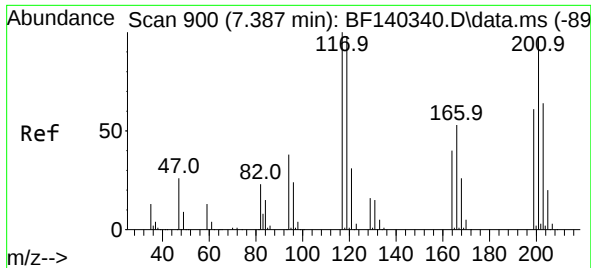
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#17
2-Methylphenol
Concen: 50.358 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:107 Resp: 385014
Ion Ratio Lower Upper
107 100
108 113.8 91.9 137.9
77 50.9 39.7 59.5
79 50.2 39.0 58.6





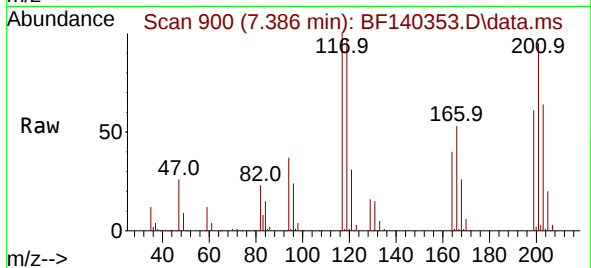
#18
Hexachloroethane
Concen: 46.134 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

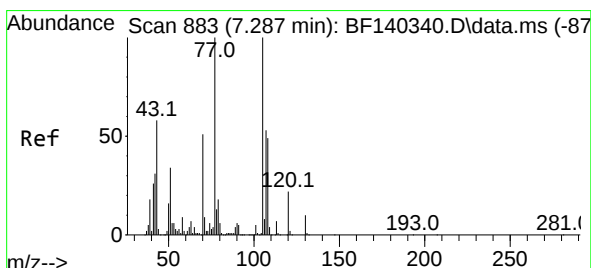
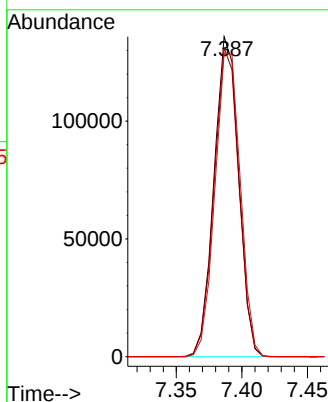
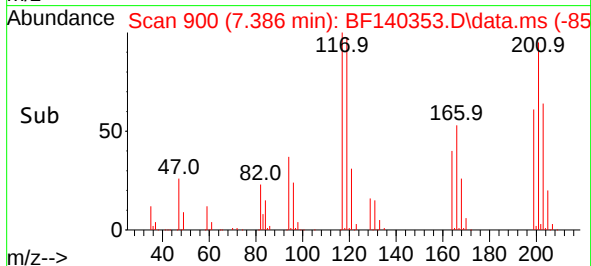
PB164911BS



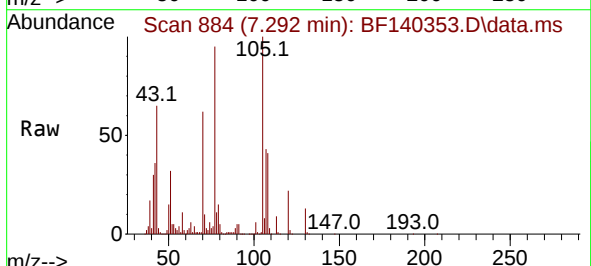
Tgt Ion:117 Resp: 177330
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 94.9 80.2 120.4

Manual Integrations
APPROVED

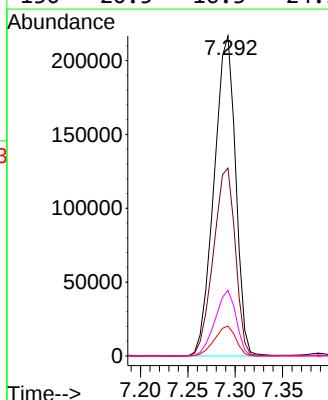
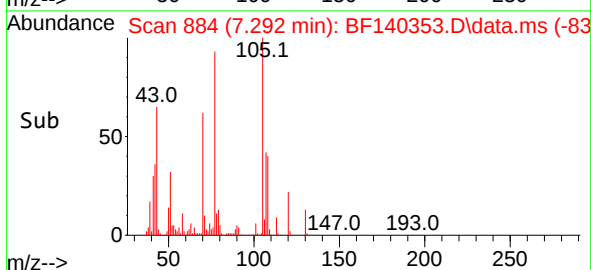
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

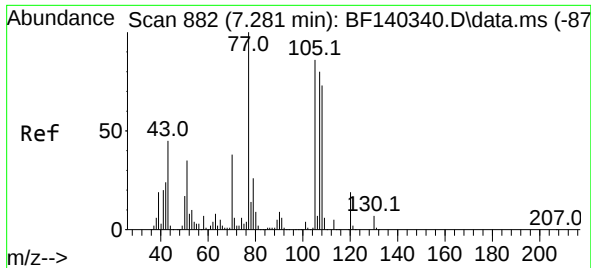


#19
n-Nitroso-di-n-propylamine
Concen: 48.642 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion: 70 Resp: 344372
Ion Ratio Lower Upper
70 100
42 58.7 46.8 70.2
101 9.4 7.5 11.3
130 20.5 16.3 24.5





#20
3+4-Methylphenols
Concen: 49.042 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

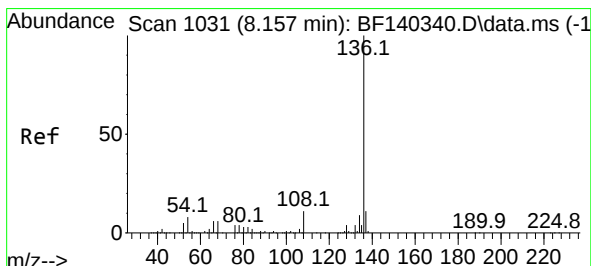
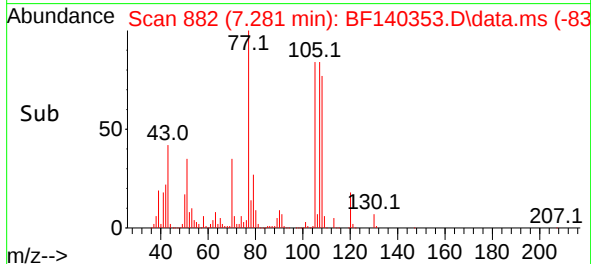
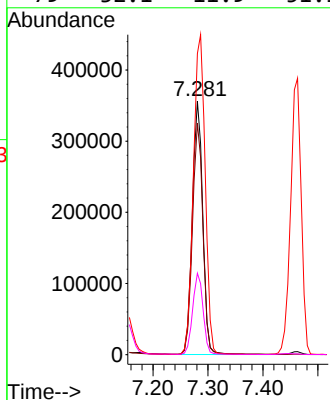
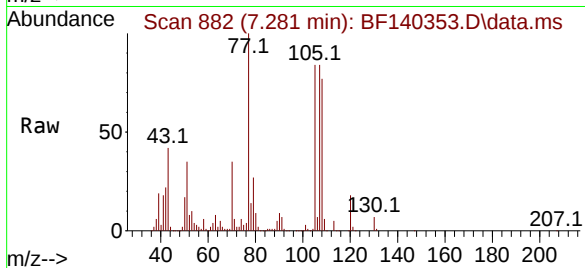
PB164911BS

Tgt Ion:107 Resp: 468915
Ion Ratio Lower Upper
107 100
108 91.3 71.4 111.4
77 118.8 97.0 137.0
79 32.1 11.9 51.9

Manual Integrations

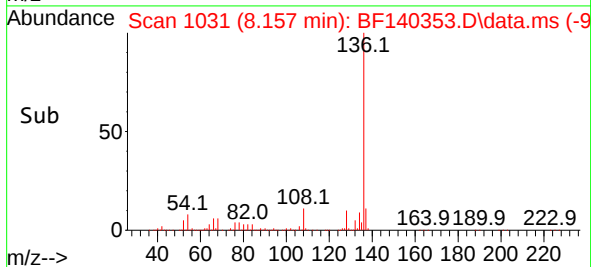
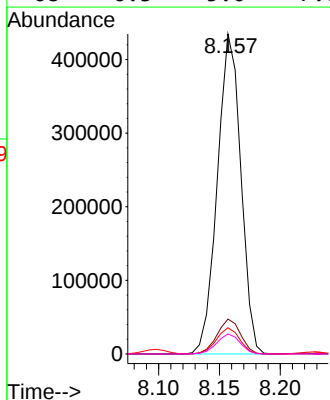
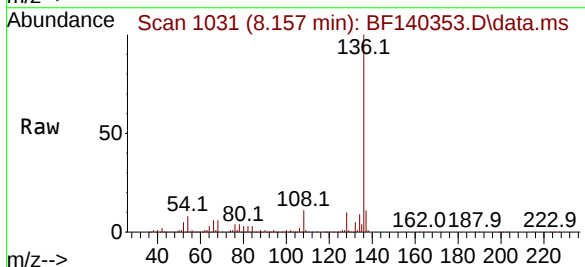
APPROVED

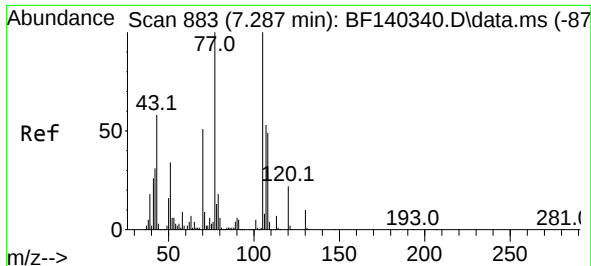
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

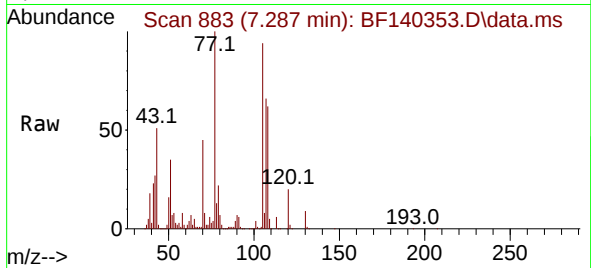
Tgt Ion:136 Resp: 585071
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.5 9.7
68 6.3 5.0 7.6





#22
Acetophenone
Concen: 45.713 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

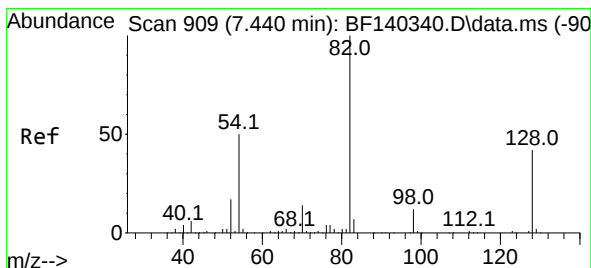
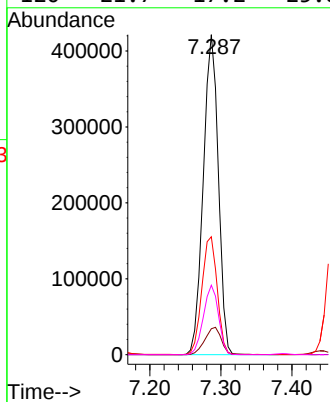
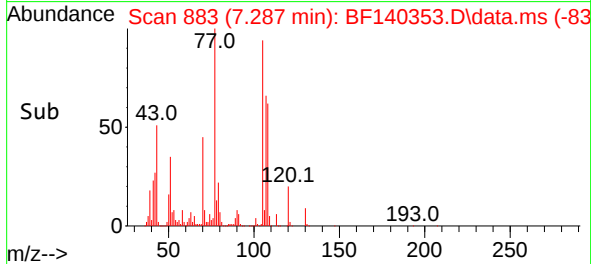
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion: 105 Resp: 622038
Ion Ratio Lower Upper
105 100
71 8.1 6.9 10.3
51 36.8 28.6 43.0
120 21.7 17.2 25.8

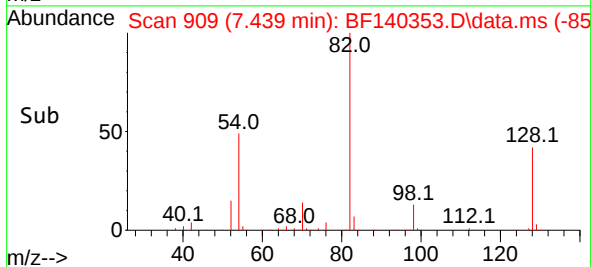
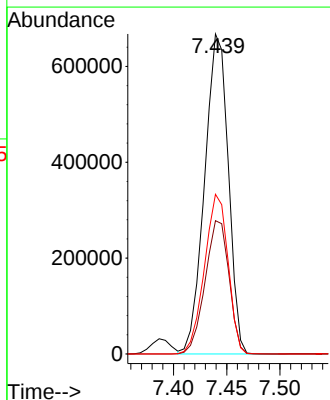
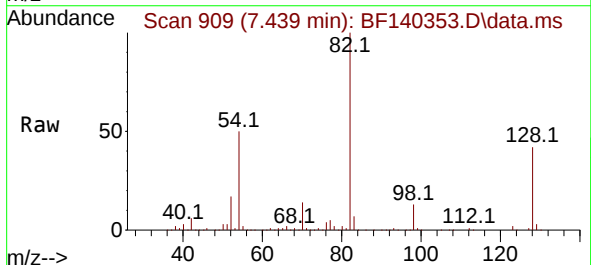
Manual Integrations
APPROVED

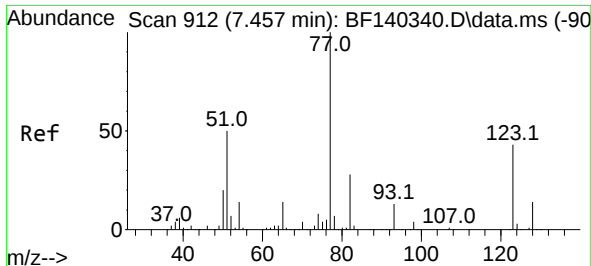
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#23
Nitrobenzene-d5
Concen: 91.859 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 82 Resp: 1031505
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 49.9 39.8 59.8





#24
Nitrobenzene
Concen: 44.580 ng
RT: 7.463 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

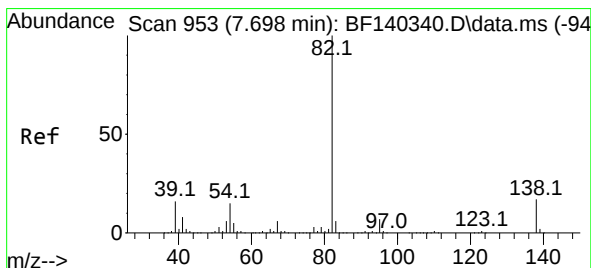
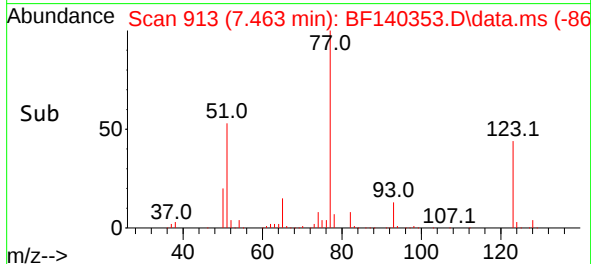
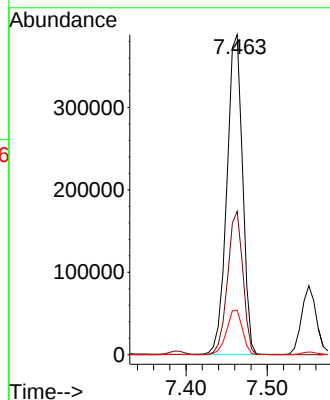
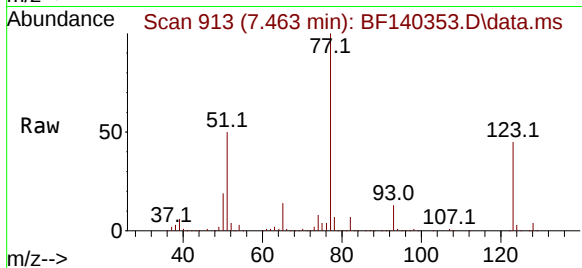
PB164911BS

Tgt Ion: 77 Resp: 521208
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.0
65 14.0 11.1 16.7

Manual Integrations

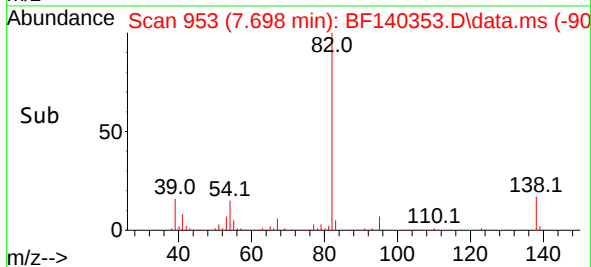
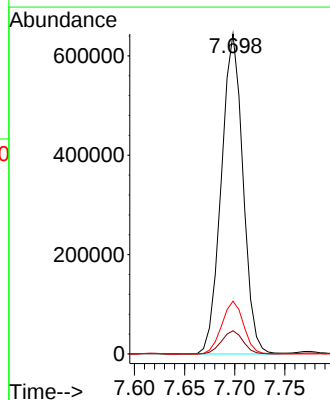
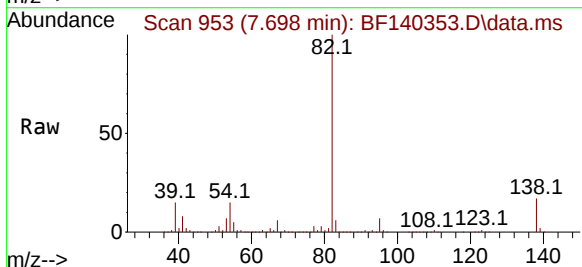
APPROVED

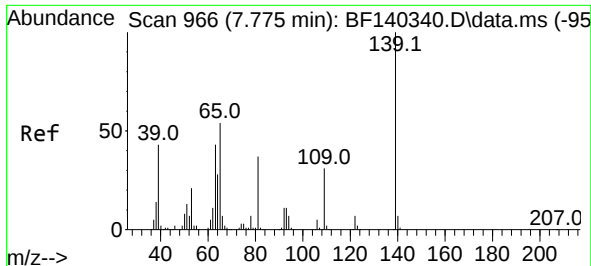
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Isophorone
Concen: 48.601 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 82 Resp: 967236
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.5 13.4 20.2





#26
2-Nitrophenol
Concen: 48.689 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

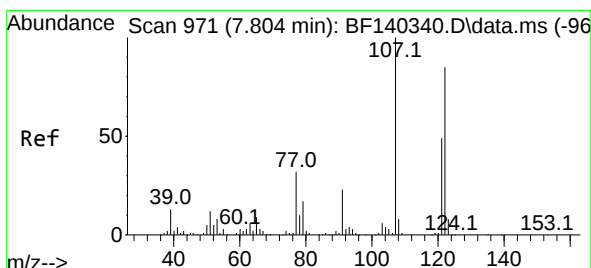
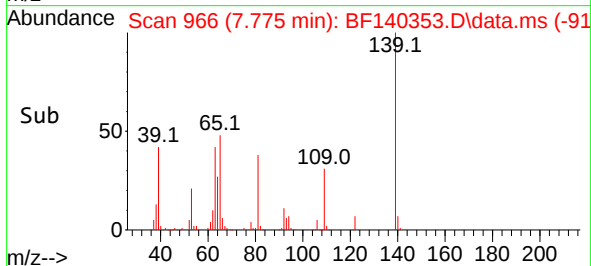
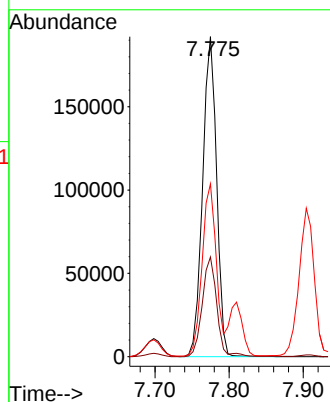
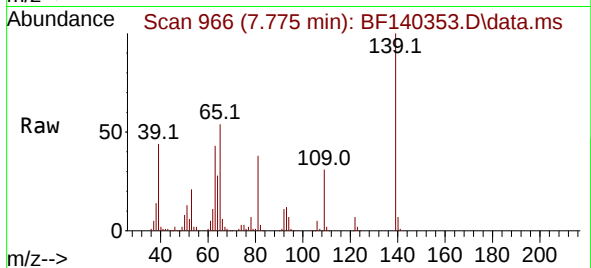
PB164911BS

Tgt Ion:139 Resp: 252600
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 54.0 42.8 64.2

Manual Integrations

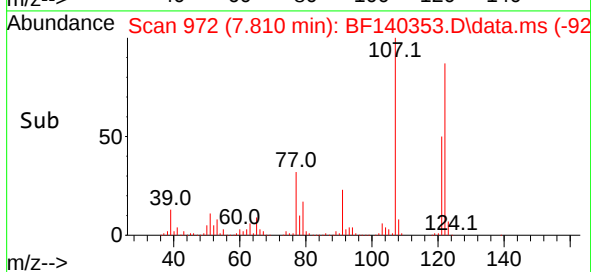
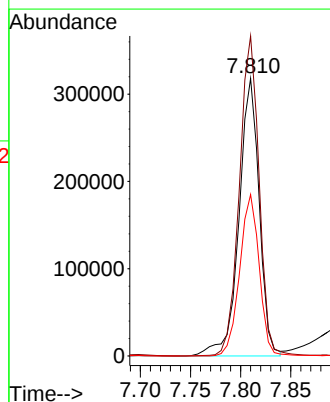
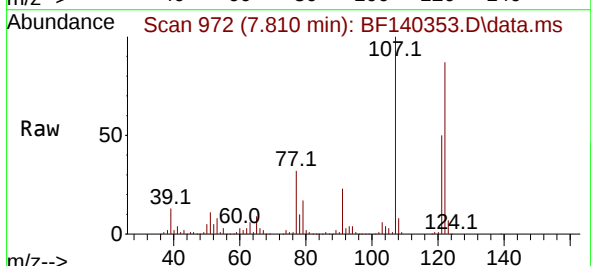
APPROVED

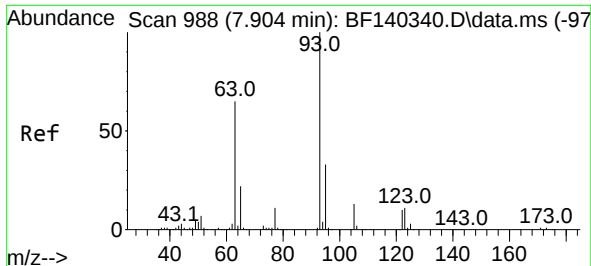
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#27
2,4-Dimethylphenol
Concen: 67.350 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:122 Resp: 447353
Ion Ratio Lower Upper
122 100
107 115.2 91.3 136.9
121 58.1 45.5 68.3





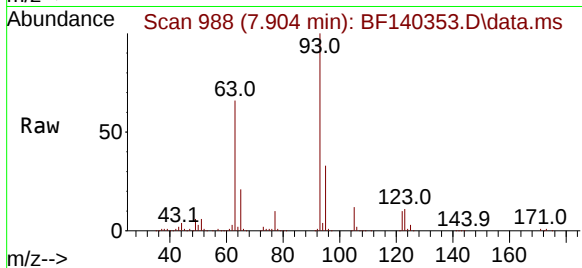
#28
bis(2-Chloroethoxy)methane
Concen: 47.482 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

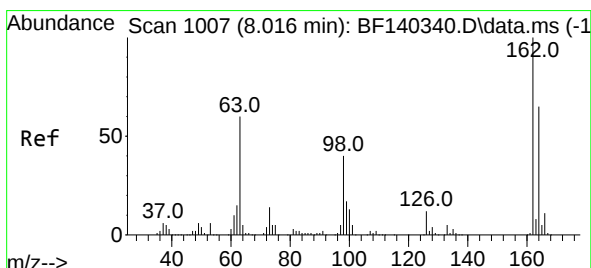
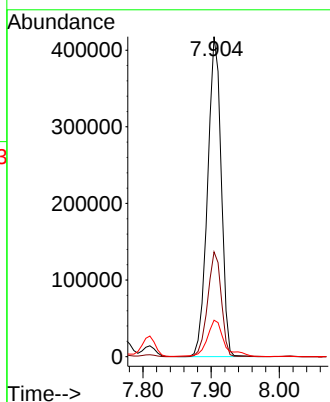
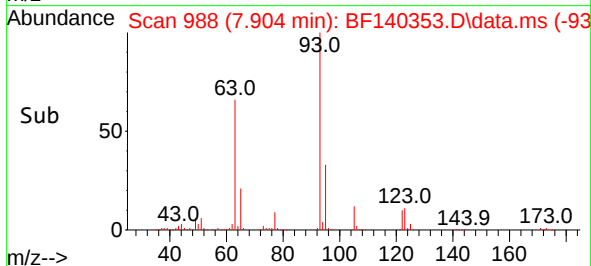
PB164911BS



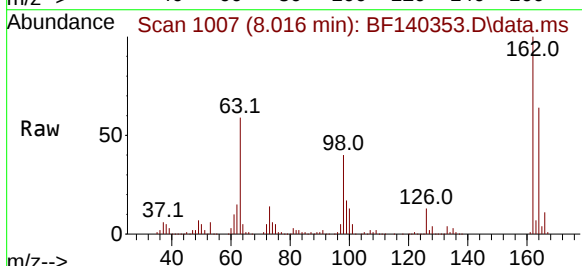
Tgt Ion: 93 Resp: 57942
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.4 9.2 13.8

Manual Integrations
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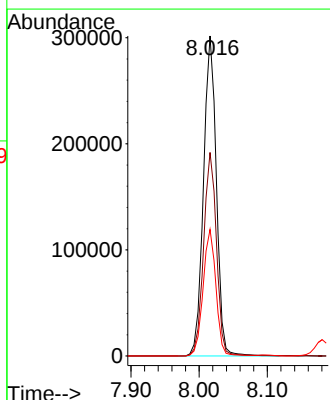
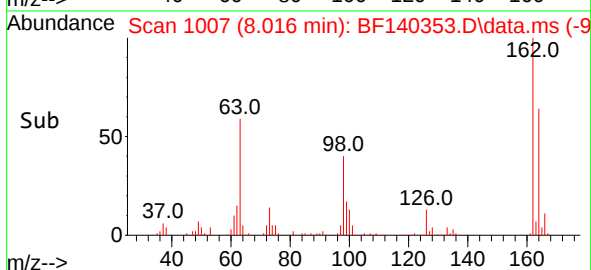
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

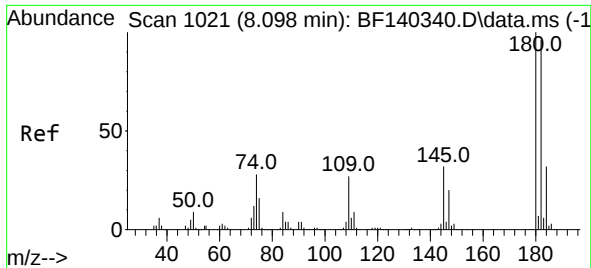


#29
2,4-Dichlorophenol
Concen: 48.396 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion:162 Resp: 397276
Ion Ratio Lower Upper
162 100
164 63.6 45.4 85.4
98 39.5 19.9 59.9





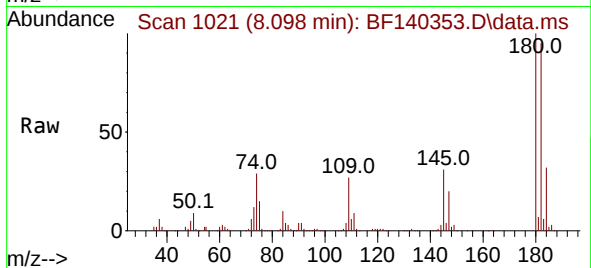
#30
1,2,4-Trichlorobenzene
Concen: 45.244 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS



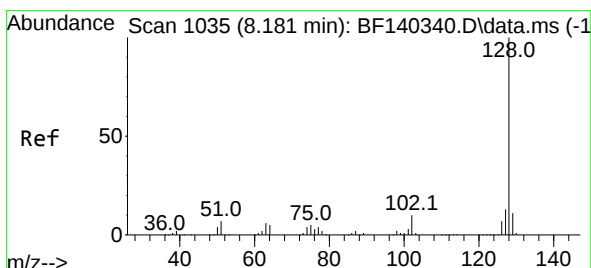
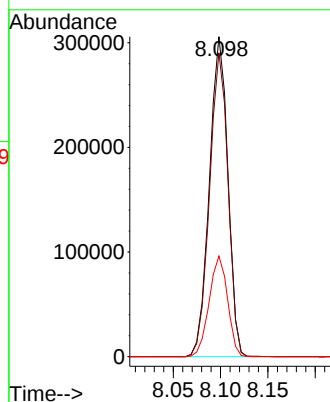
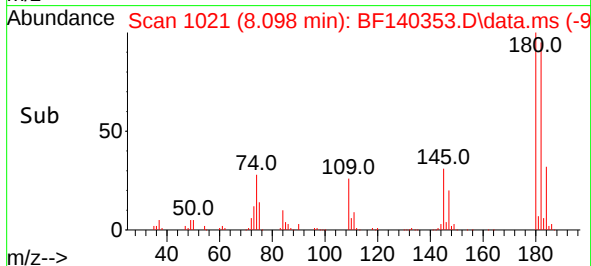
Tgt Ion:180 Resp: 413490
Ion Ratio Lower Upper
180 100
182 95.0 76.5 114.7
145 31.5 25.3 37.9

Manual Integrations

APPROVED

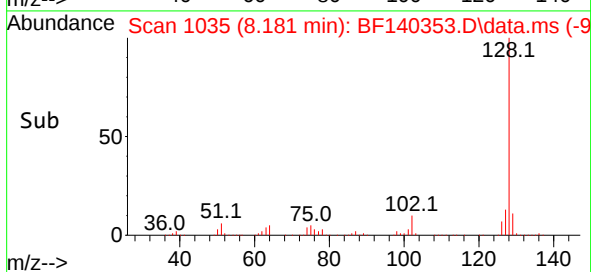
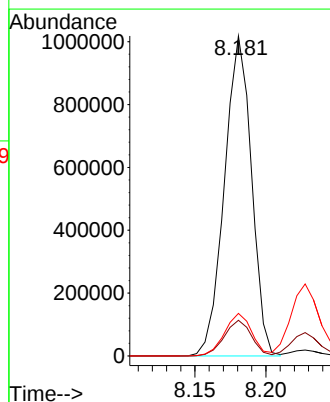
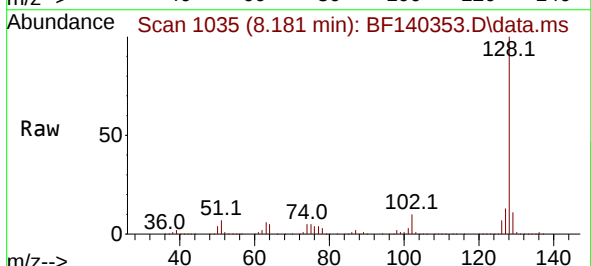
Reviewed By :Yogesh Patel 11/15/2024

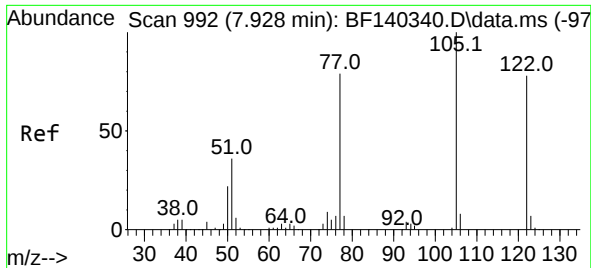
Supervised By :mohammad ahmed 11/15/2024



#31
Naphthalene
Concen: 45.446 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:128 Resp: 1348824
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8





#32
Benzoic acid
Concen: 44.475 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

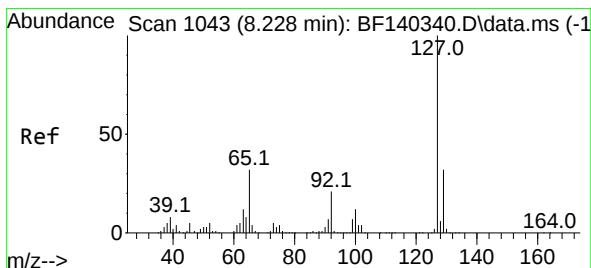
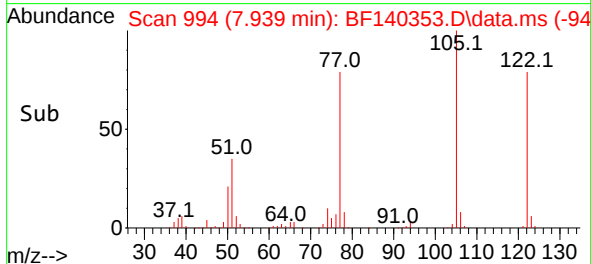
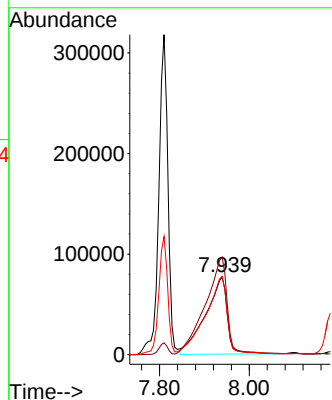
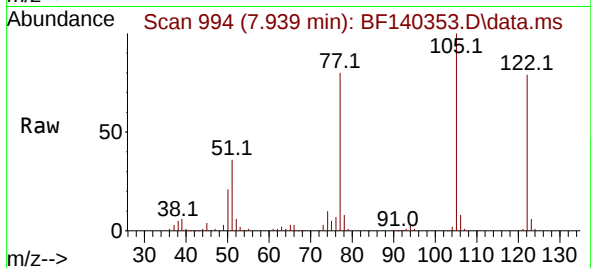
ClientSampleId :

PB164911BS

Tgt Ion:122 Resp: 25994
Ion Ratio Lower Upper
122 100
105 126.1 100.9 140.9
77 101.0 76.0 116.0

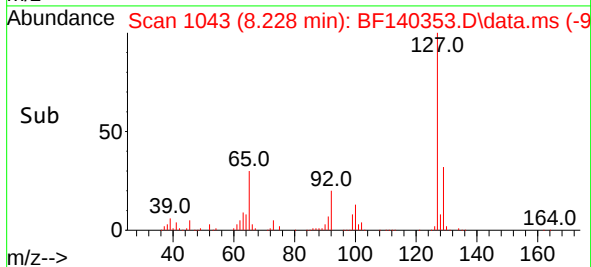
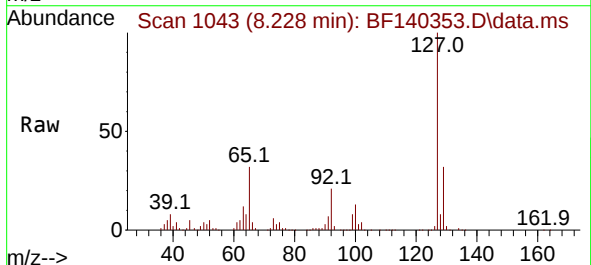
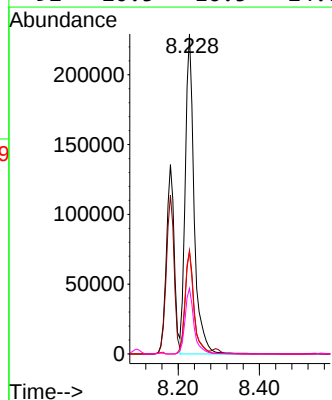
Manual Integrations
APPROVED

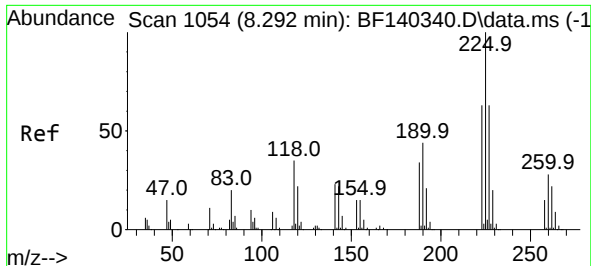
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#33
4-Chloroaniline
Concen: 33.653 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:127 Resp: 347352
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.4
65 31.9 25.8 38.6
92 20.5 16.5 24.7





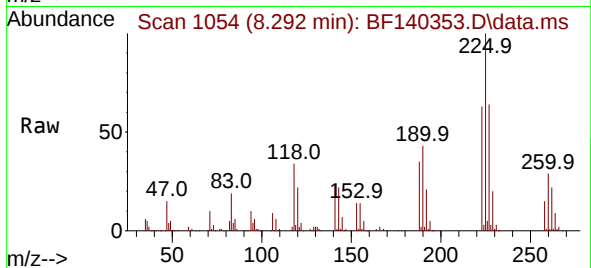
#34
Hexachlorobutadiene
Concen: 43.805 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

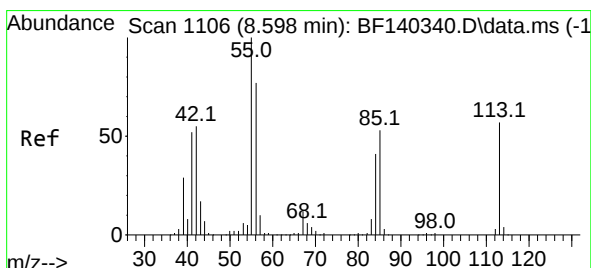
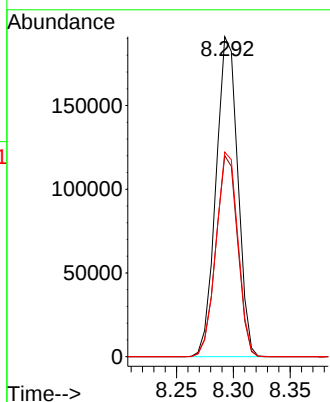
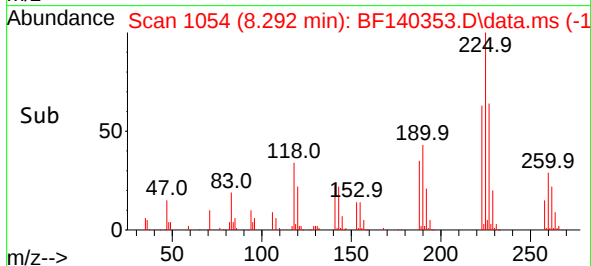


Tgt Ion:225 Resp: 255078
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 63.9 51.3 76.9

Manual Integrations

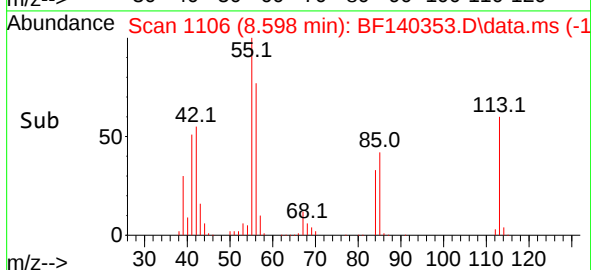
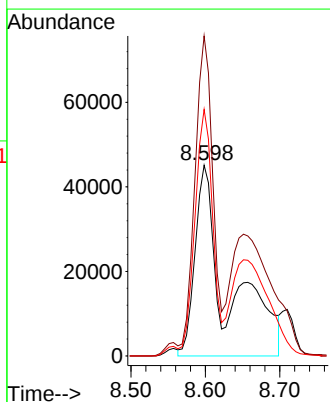
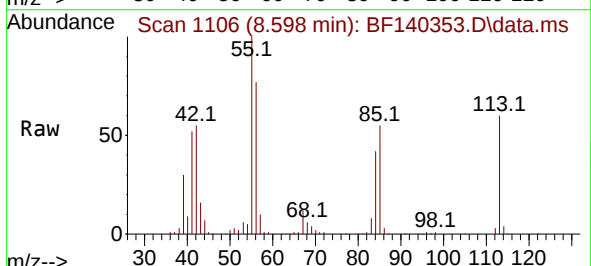
APPROVED

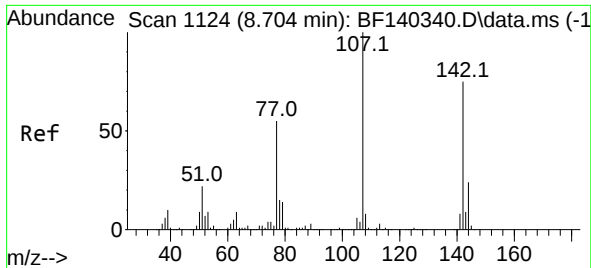
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#35
Caprolactam
Concen: 49.857 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

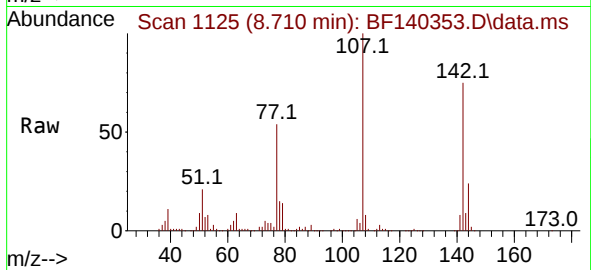
Tgt Ion:113 Resp: 136028
Ion Ratio Lower Upper
113 100
55 167.8 150.0 190.0
56 129.3 111.1 151.1





#36
4-Chloro-3-methylphenol
Concen: 48.091 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

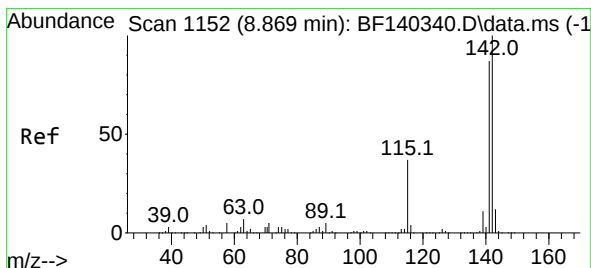
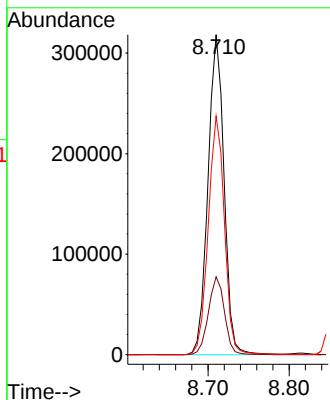
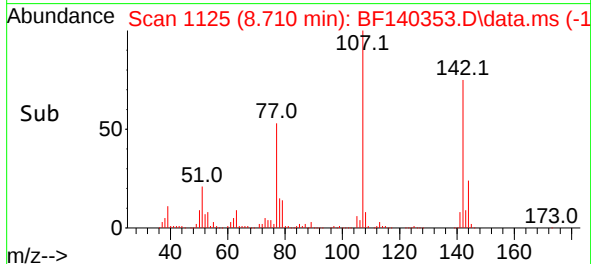
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion:107 Resp: 437489
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 74.6 59.4 89.0

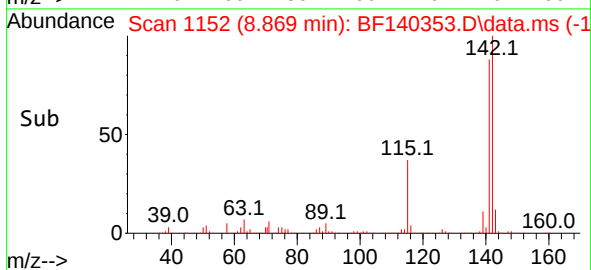
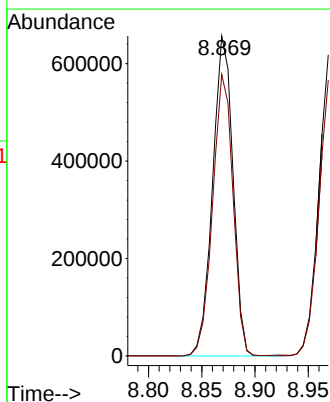
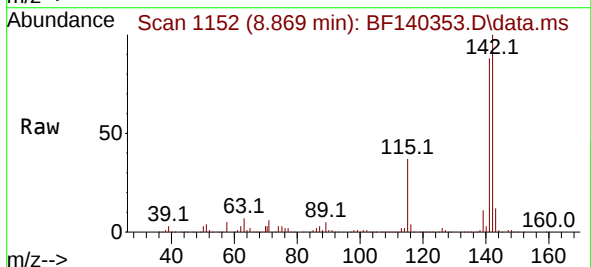
Manual Integrations
APPROVED

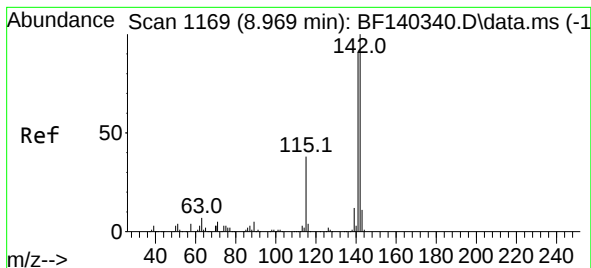
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#37
2-Methylnaphthalene
Concen: 45.798 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:142 Resp: 871583
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6





#38

1-Methylnaphthalene

Concen: 43.561 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:142 Resp: 811800

Ion Ratio Lower Upper

142 100

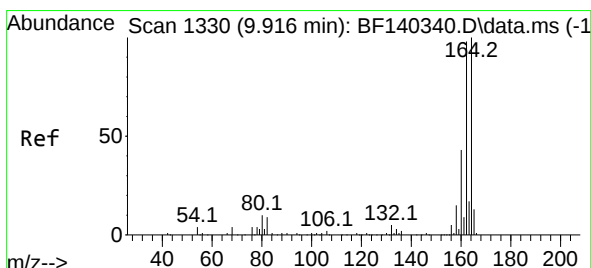
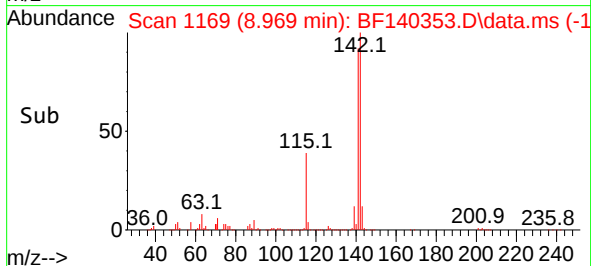
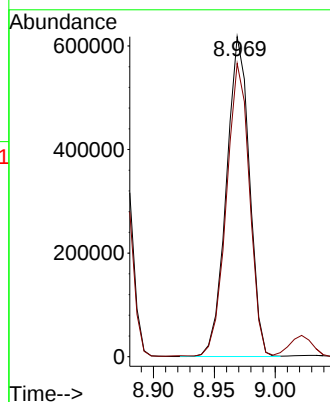
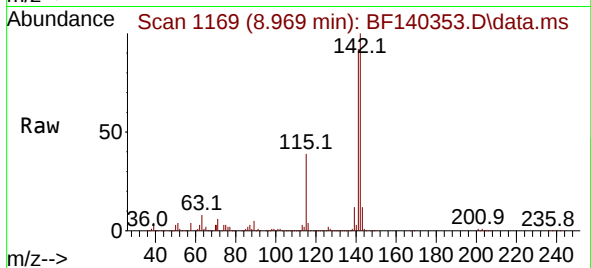
141 91.6 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

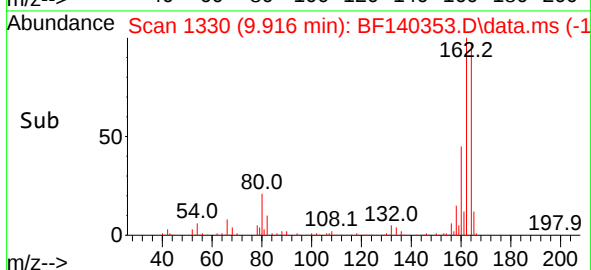
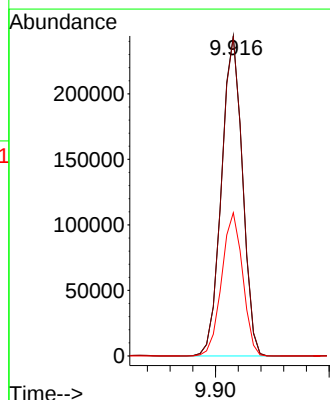
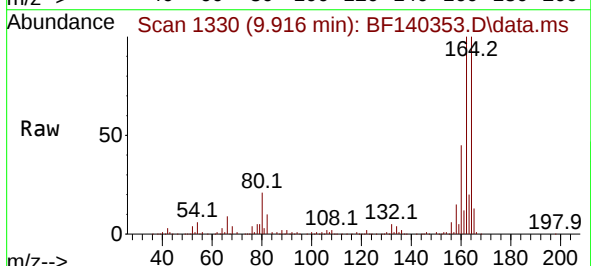
Tgt Ion:164 Resp: 312453

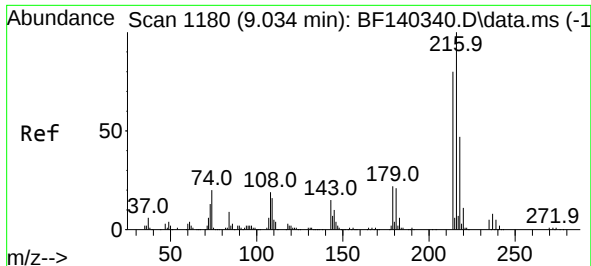
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

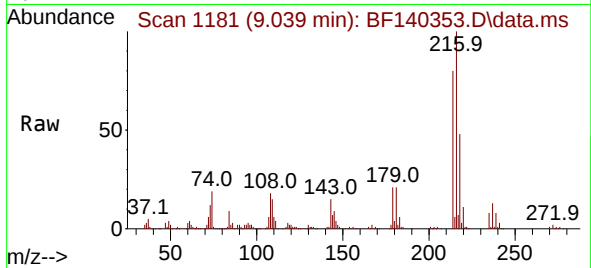
160 44.8 35.4 53.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.879 ng
RT: 9.039 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

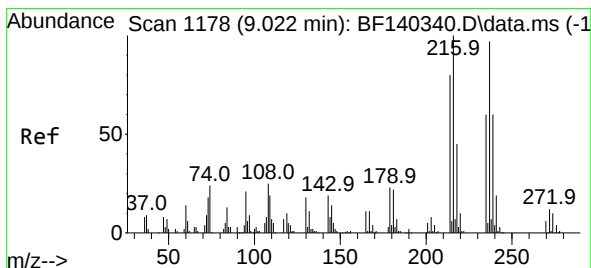
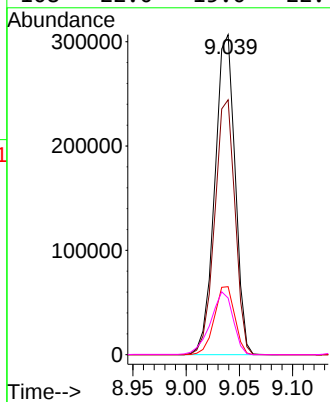
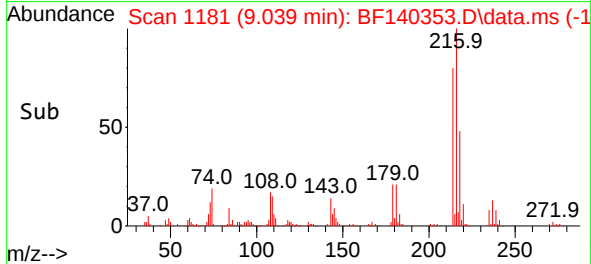
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion:216 Resp: 40505
Ion Ratio Lower Upper
216 100
214 79.8 63.2 94.8
179 21.4 17.2 25.8
108 22.0 15.0 22.4

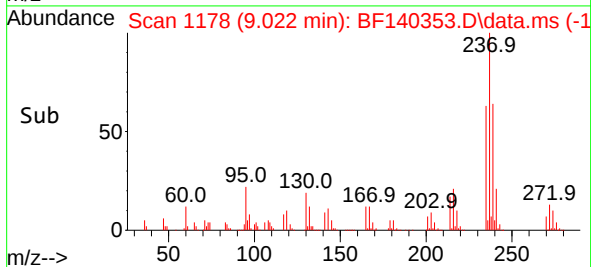
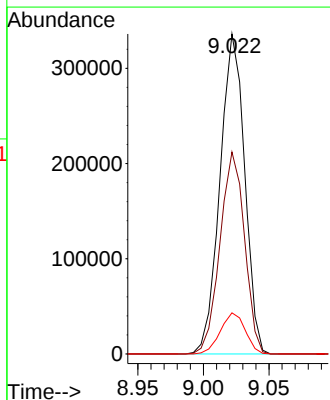
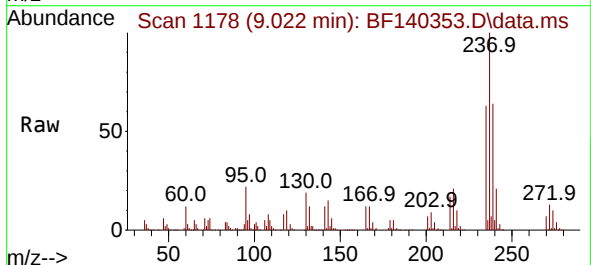
Manual Integrations
APPROVED

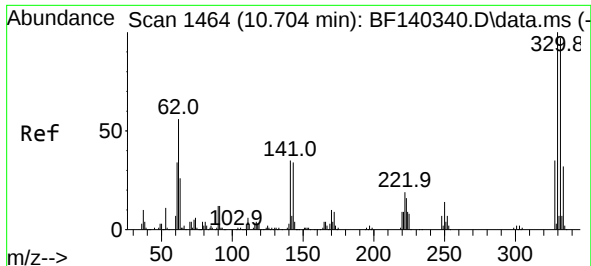
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#41
Hexachlorocyclopentadiene
Concen: 198.178 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:237 Resp: 439646
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 12.8 0.0 33.1





#42
2,4,6-Tribromophenol
Concen: 98.460 ng
RT: 10.710 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

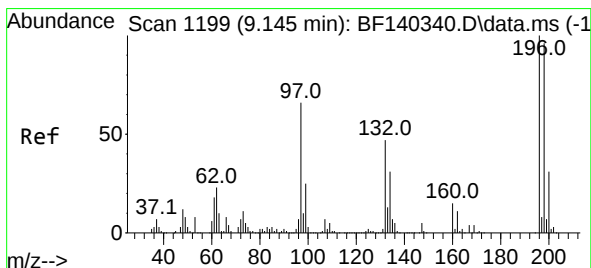
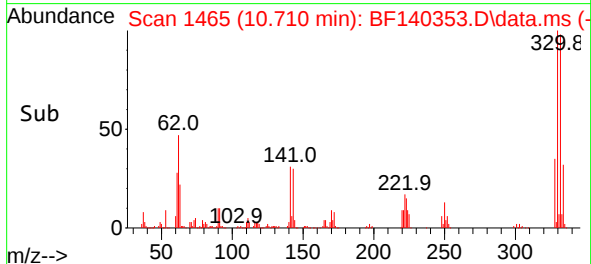
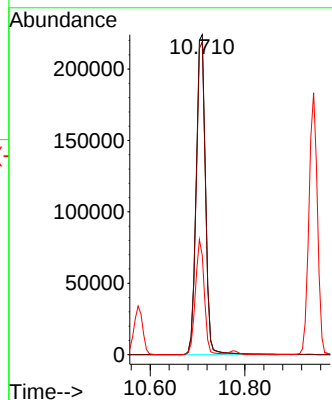
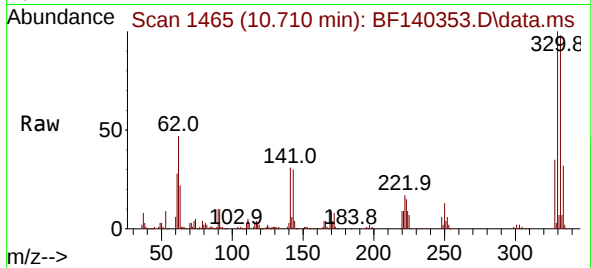
ClientSampleId :

PB164911BS

Tgt Ion:330 Resp: 30592
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 34.3 26.9 40.3

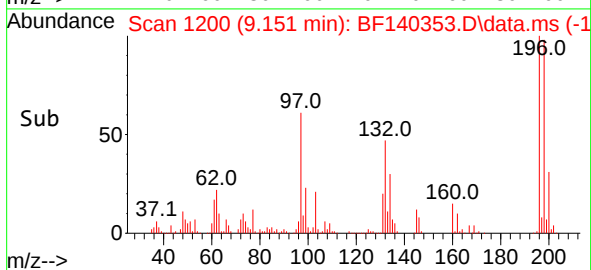
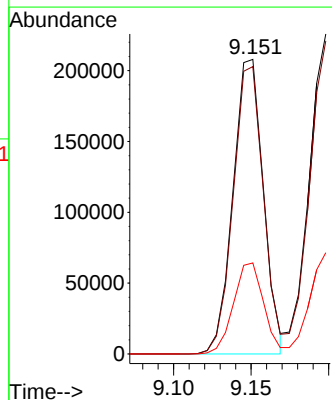
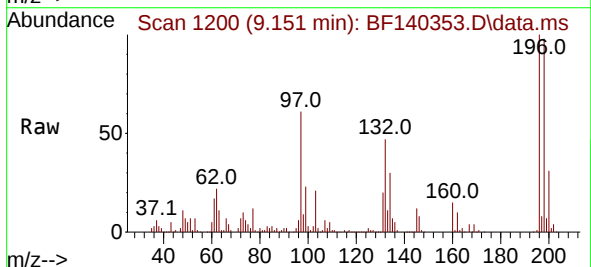
Manual Integrations
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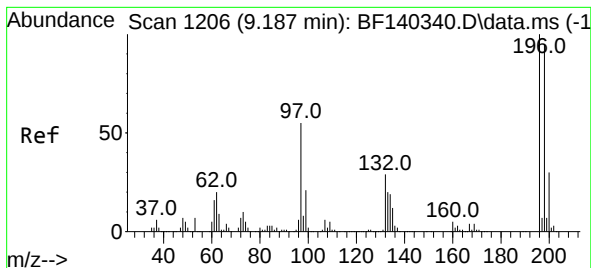
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#43
2,4,6-Trichlorophenol
Concen: 50.002 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:196 Resp: 283526
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.4
200 30.9 24.2 36.4





#44

2,4,5-Trichlorophenol

Concen: 49.327 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:196 Resp: 30580

Ion Ratio Lower Upper

196 100

198 97.9 77.6 116.4

97 55.3 45.4 68.2

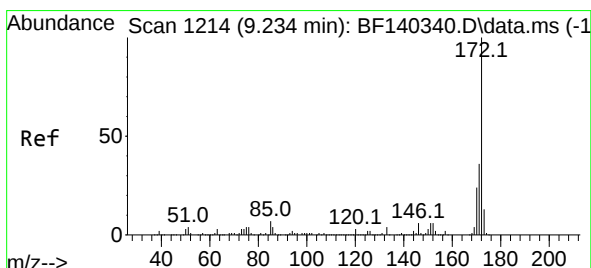
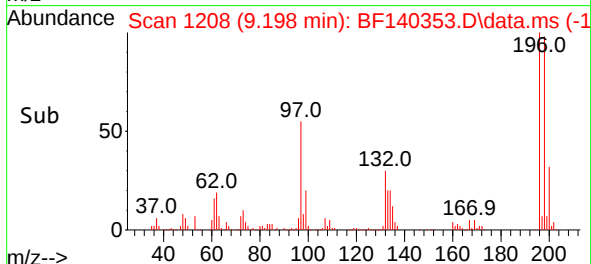
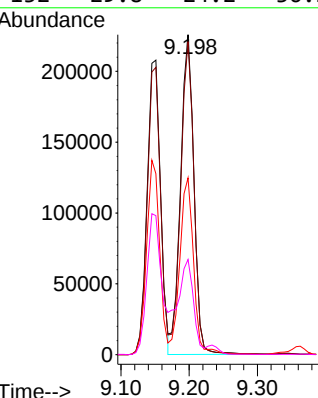
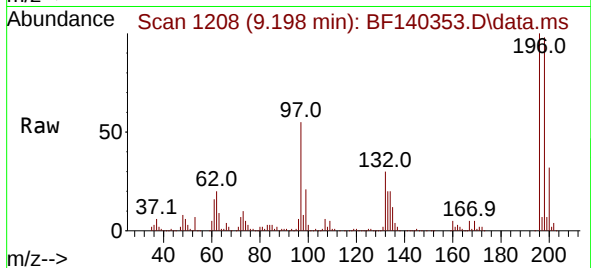
132 29.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#45

2-Fluorobiphenyl

Concen: 93.040 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

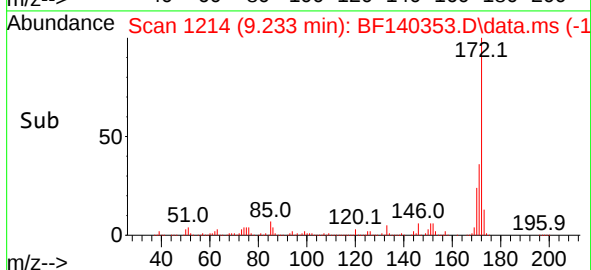
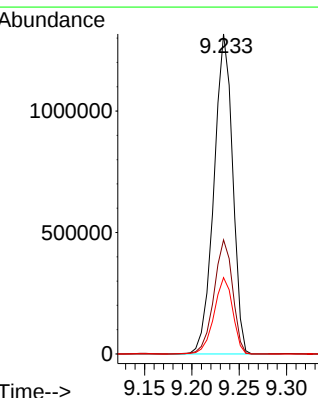
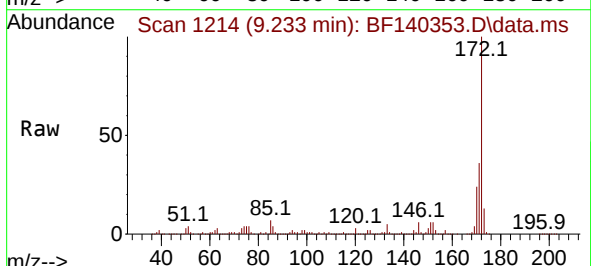
Tgt Ion:172 Resp: 1808380

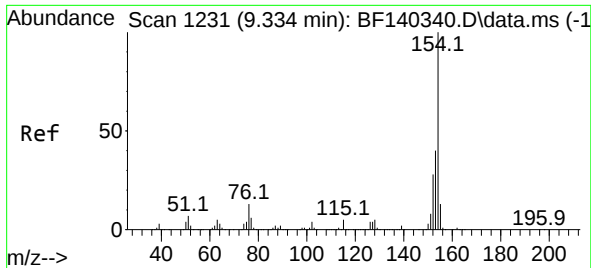
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.8 19.1 28.7





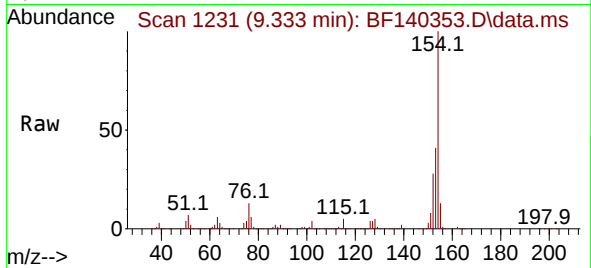
#46
1,1'-Biphenyl
Concen: 47.483 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS



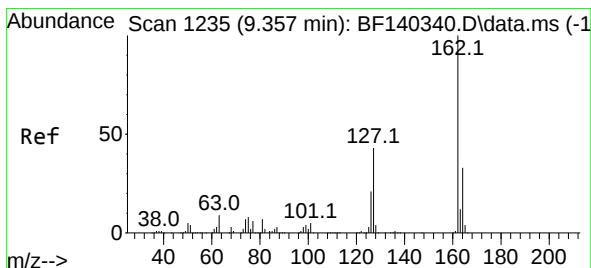
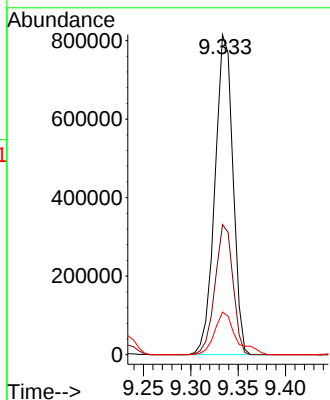
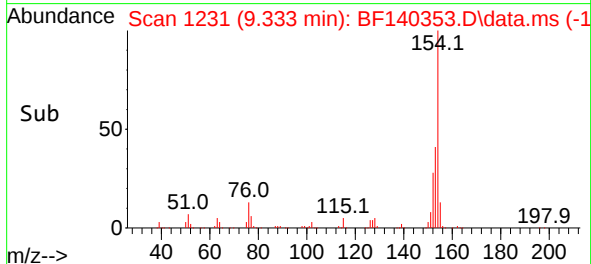
Tgt Ion:154 Resp: 1079334
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 13.3 0.0 32.9

Manual Integrations

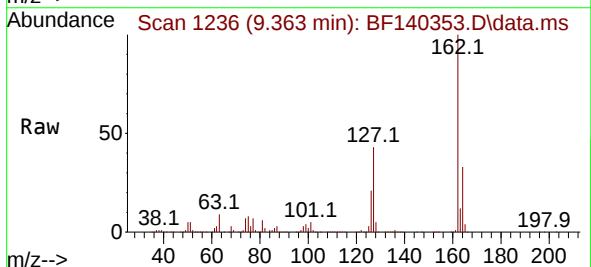
APPROVED

Reviewed By :Yogesh Patel 11/15/2024

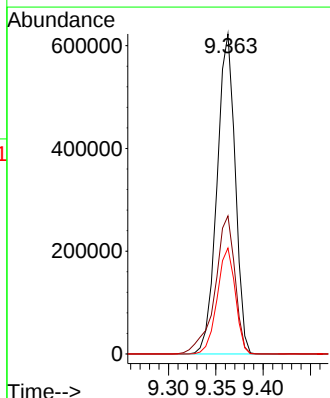
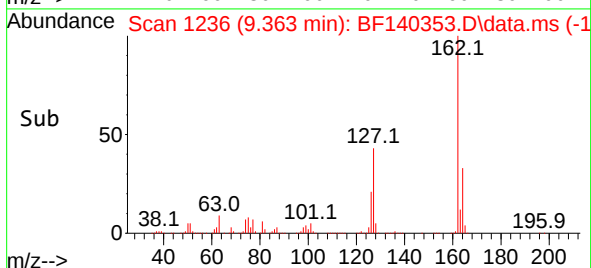
Supervised By :mohammad ahmed 11/15/2024

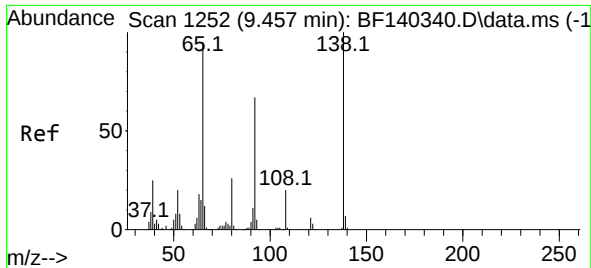


#47
2-Chloronaphthalene
Concen: 48.050 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion:162 Resp: 832011
Ion Ratio Lower Upper
162 100
127 43.1 34.0 51.0
164 33.1 26.5 39.7





#48
2-Nitroaniline
Concen: 50.622 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

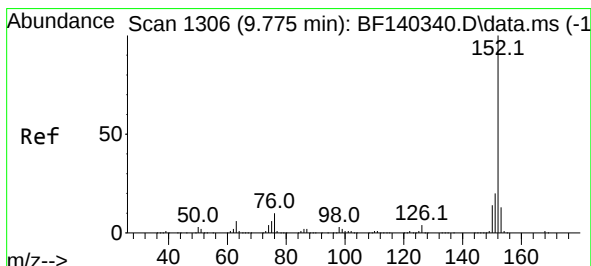
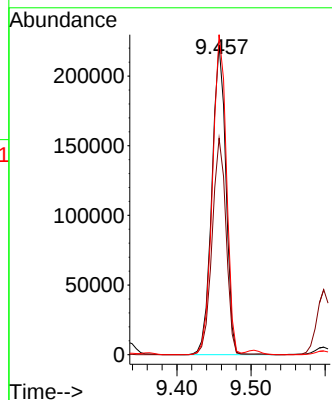
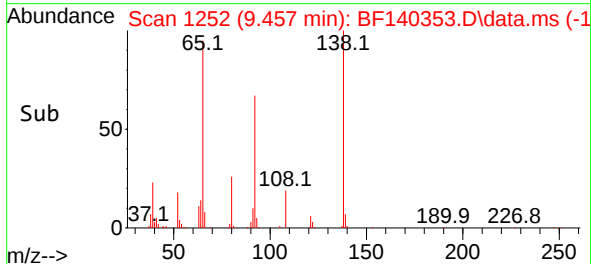
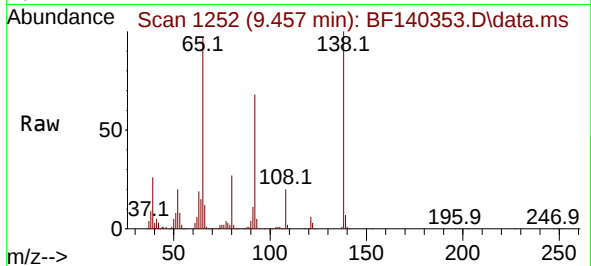
PB164911BS

Tgt Ion: 65 Resp: 290698
Ion Ratio Lower Upper
65 100
92 69.9 56.4 84.6
138 103.3 84.8 127.2

Manual Integrations

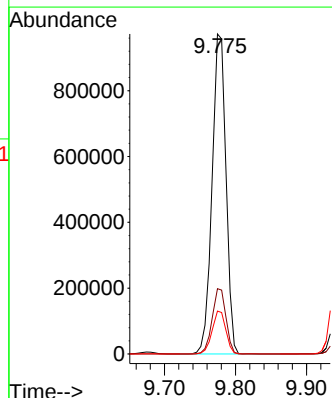
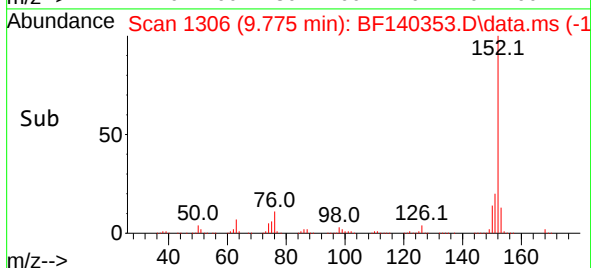
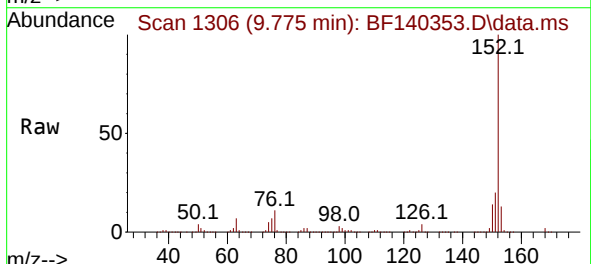
APPROVED

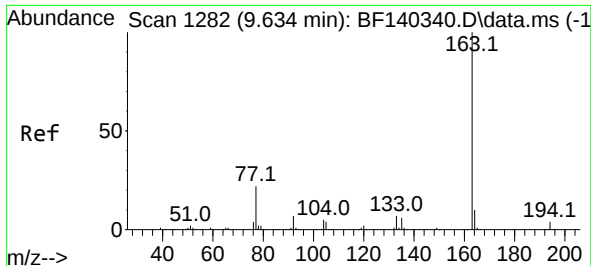
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#49
Acenaphthylene
Concen: 50.460 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:152 Resp: 1321969
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.4 10.7 16.1





#50
Dimethylphthalate
Concen: 50.104 ng
RT: 9.639 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

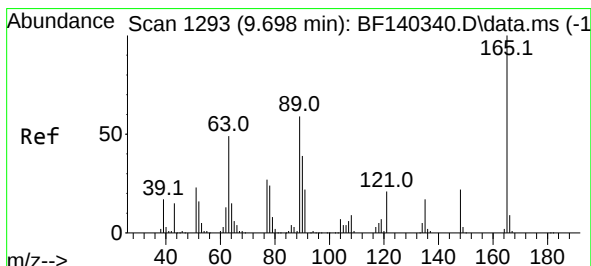
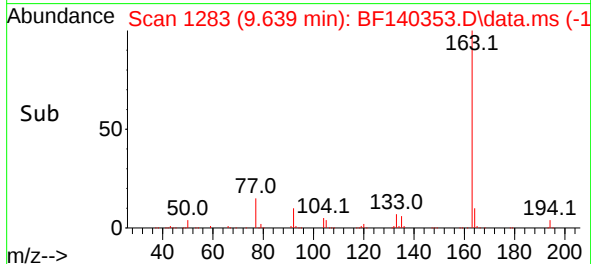
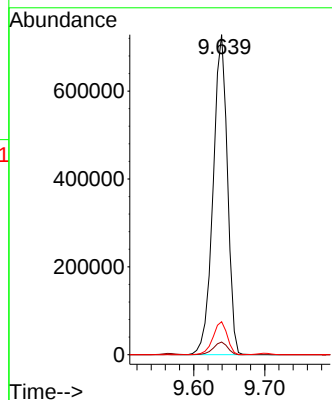
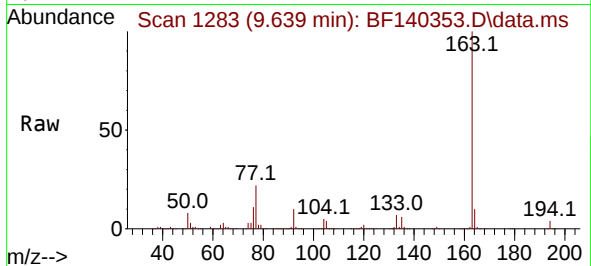
ClientSampleId :

PB164911BS

Tgt Ion:163 Resp: 102042
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4

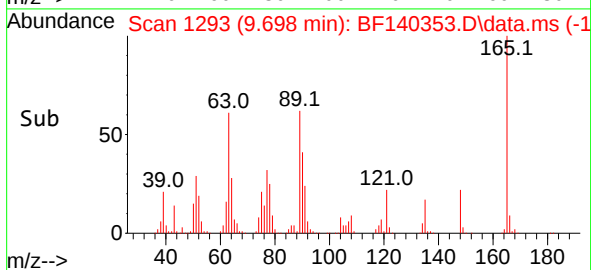
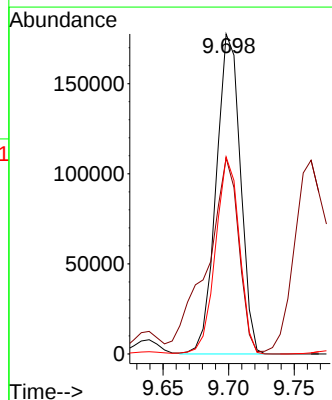
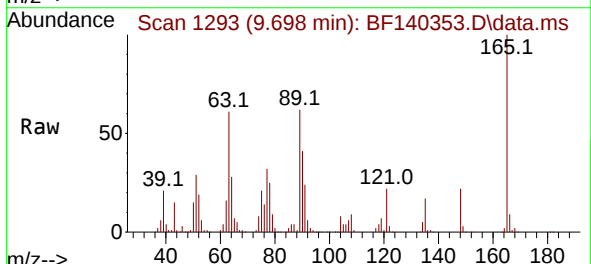
Manual Integrations
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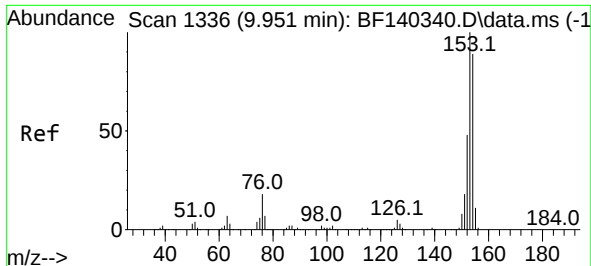
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#51
2,6-Dinitrotoluene
Concen: 49.064 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:165 Resp: 227803
Ion Ratio Lower Upper
165 100
63 61.3 47.6 71.4
89 61.5 48.1 72.1





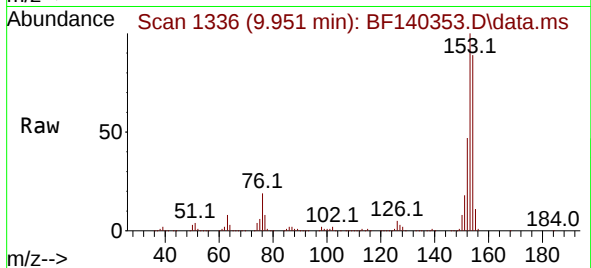
#52
Acenaphthene
Concen: 54.090 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

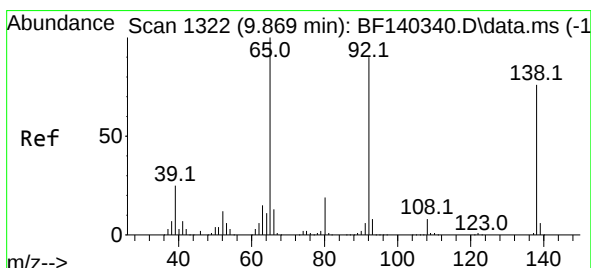
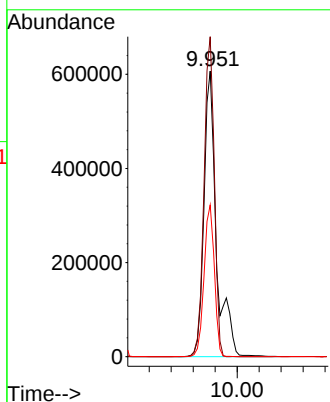
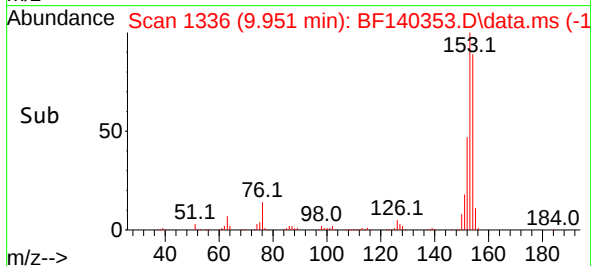


Tgt Ion:154 Resp: 957114
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.8
152 53.1 42.6 64.0

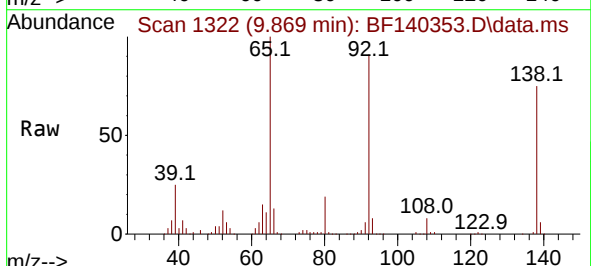
Manual Integrations

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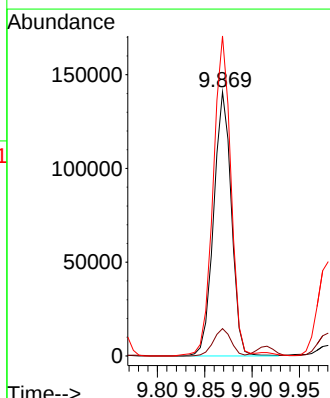
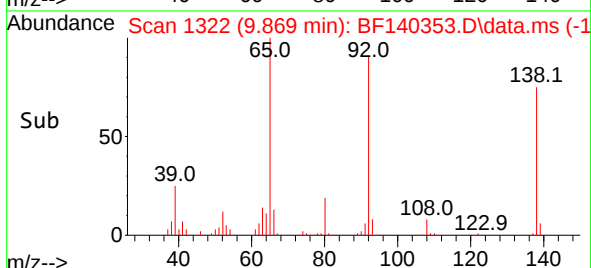
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

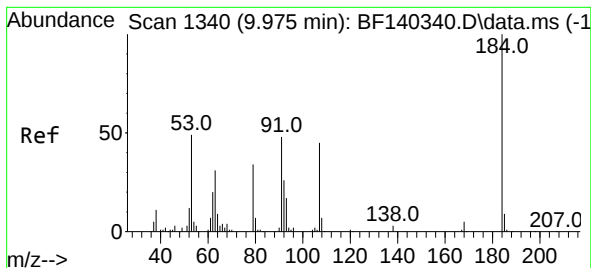


#53
3-Nitroaniline
Concen: 37.568 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion:138 Resp: 183182
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 121.2 95.5 143.3





#54

2,4-Dinitrophenol

Concen: 110.138 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:184 Resp: 263702

Ion Ratio Lower Upper

184 100

63 66.9 53.5 80.3

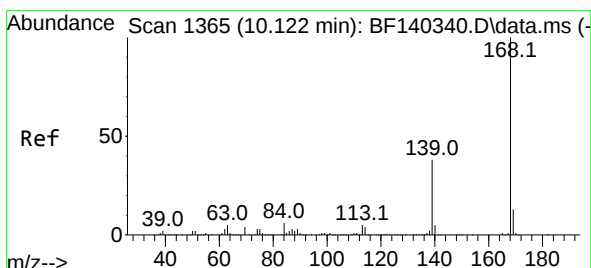
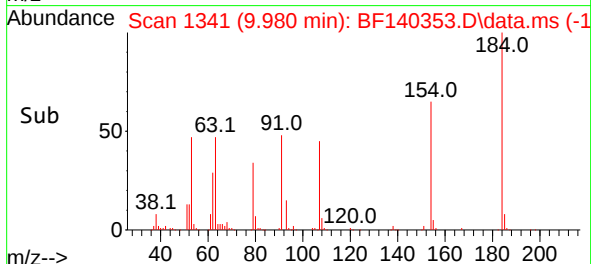
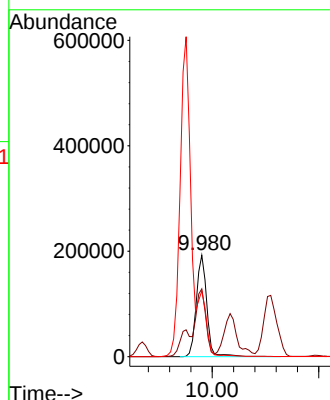
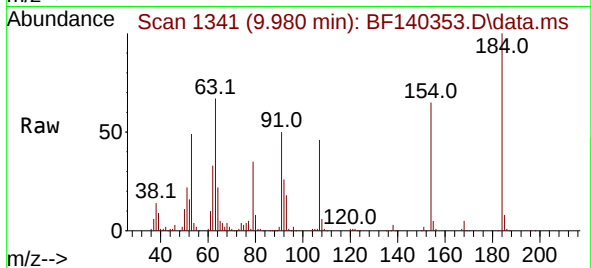
154 64.9 51.3 76.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#55

Dibenzofuran

Concen: 49.269 ng

RT: 10.122 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

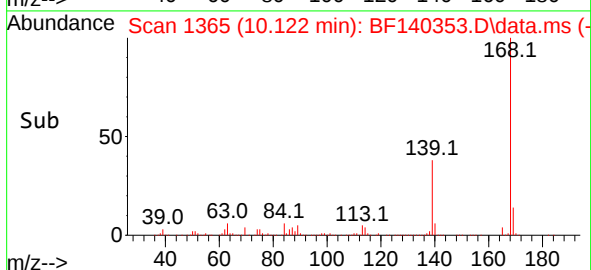
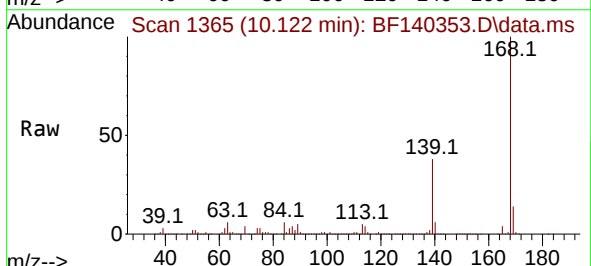
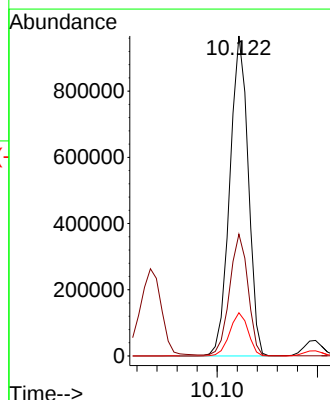
Tgt Ion:168 Resp: 1234144

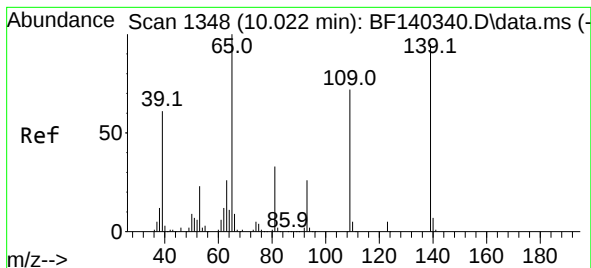
Ion Ratio Lower Upper

168 100

139 38.1 30.8 46.2

169 13.5 10.8 16.2





#56
4-Nitrophenol
Concen: 110.174 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

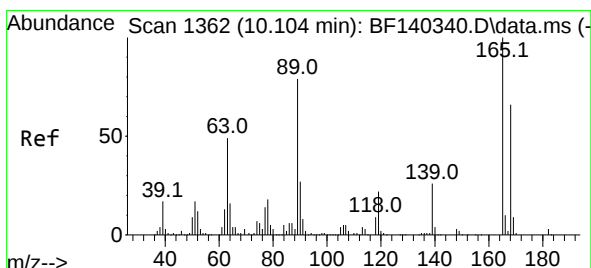
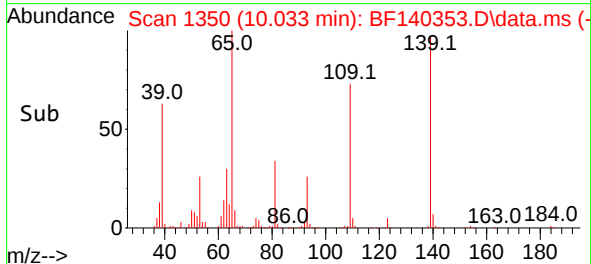
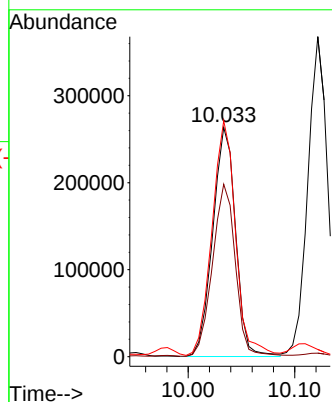
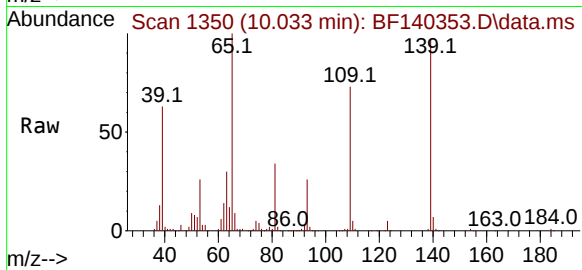
PB164911BS

Tgt Ion:139 Resp: 39184
Ion Ratio Lower Upper
139 100
109 75.2 54.5 94.5
65 102.9 84.4 124.4

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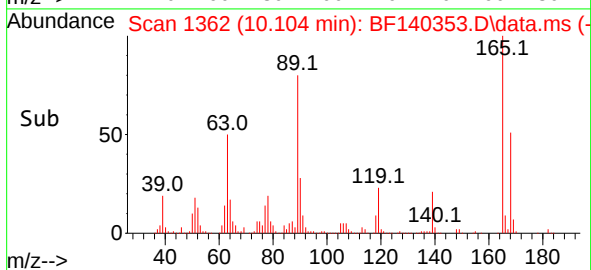
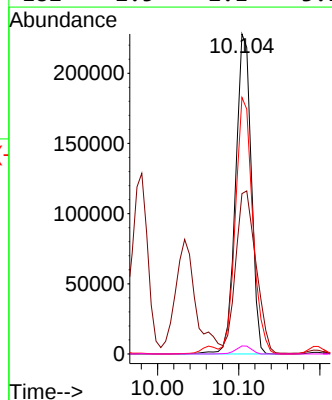
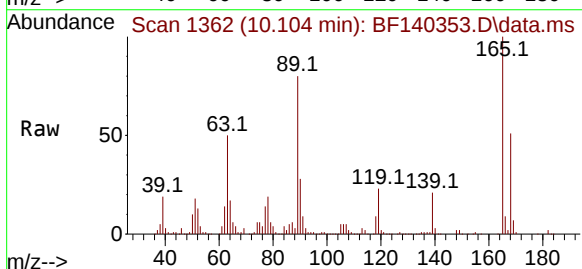
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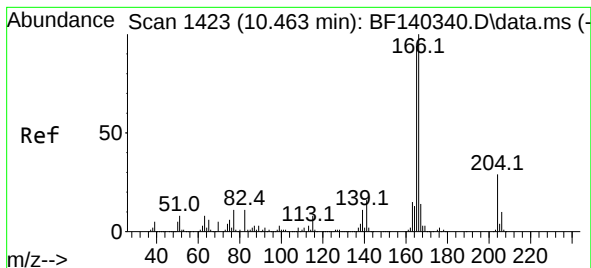
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#57
2,4-Dinitrotoluene
Concen: 49.830 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:165 Resp: 304491
Ion Ratio Lower Upper
165 100
63 50.1 39.4 59.0
89 80.2 62.4 93.6
182 2.5 2.1 3.1





#58

Fluorene

Concen: 47.973 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

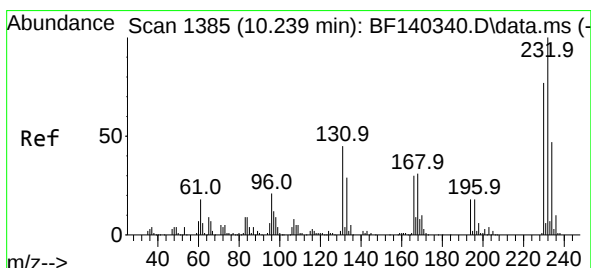
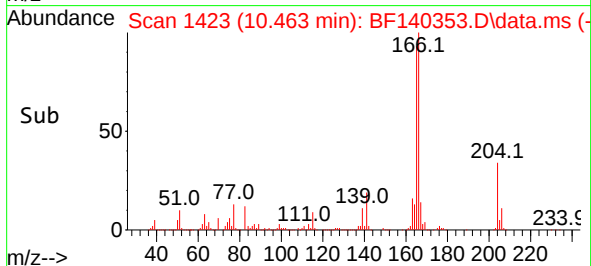
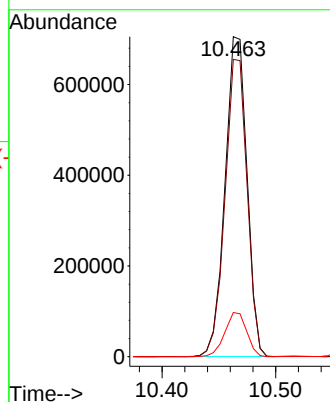
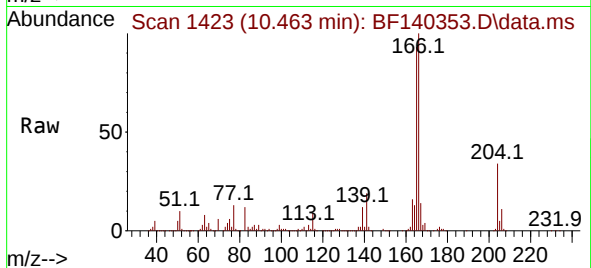
Tgt Ion:166 Resp: 949318
 Ion Ratio Lower Upper
 166 100
 165 92.9 73.9 110.9
 167 13.8 10.9 16.3

Manual Integrations

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Supervised By :mohammad ahmed 11/15/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 54.677 ng

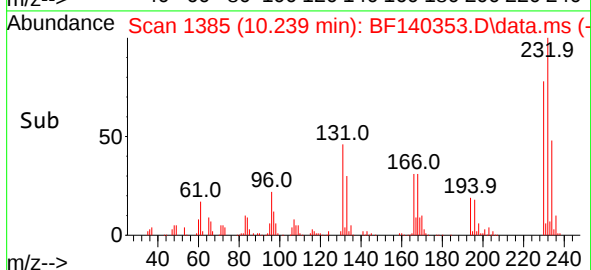
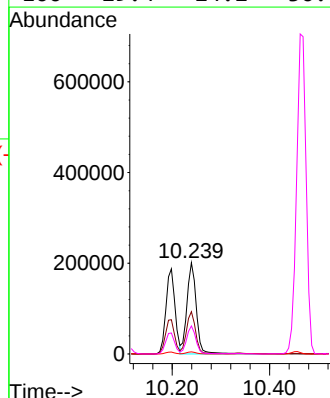
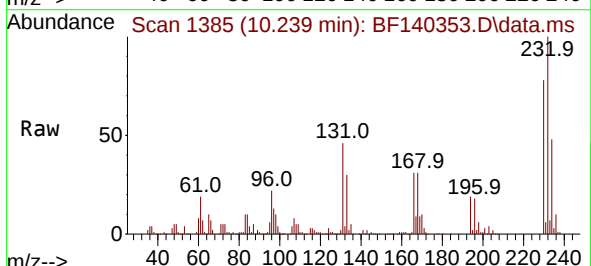
RT: 10.239 min Scan# 1385

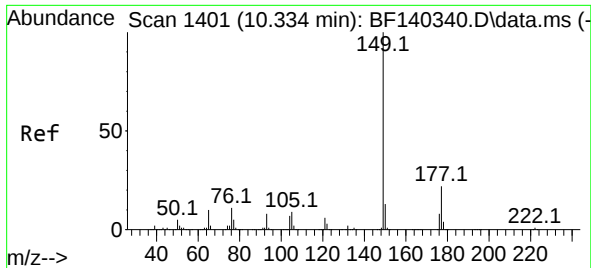
Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Tgt Ion:232 Resp: 267645
 Ion Ratio Lower Upper
 232 100
 131 45.5 36.8 55.2
 130 2.3 1.9 2.9
 166 29.4 24.2 36.4





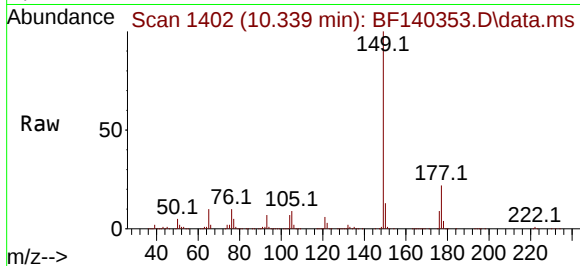
#60
Diethylphthalate
Concen: 49.313 ng
RT: 10.339 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS



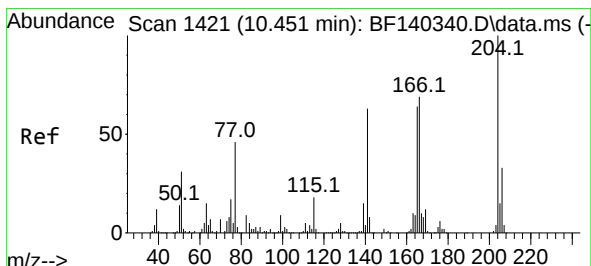
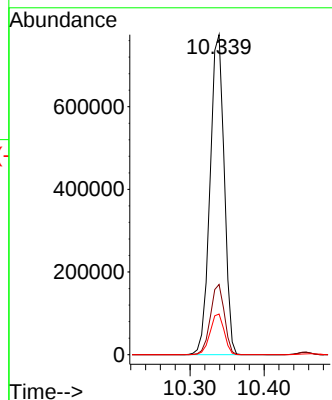
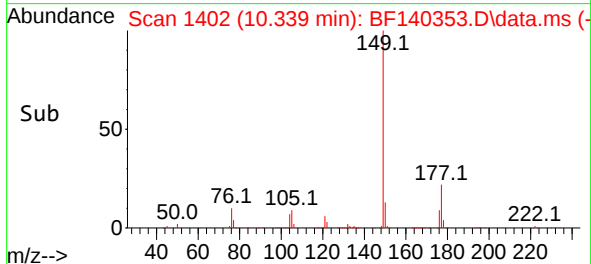
Tgt Ion:149 Resp: 1026948
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.1 15.1

Manual Integrations

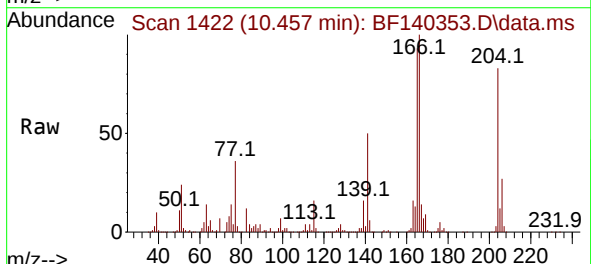
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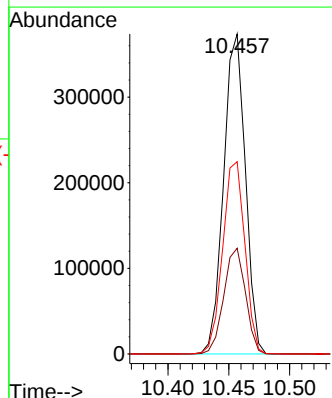
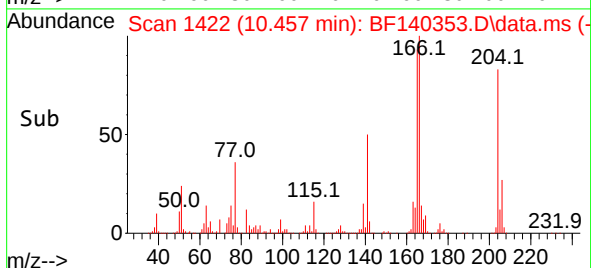
Supervised By :mohammad ahmed 11/15/2024

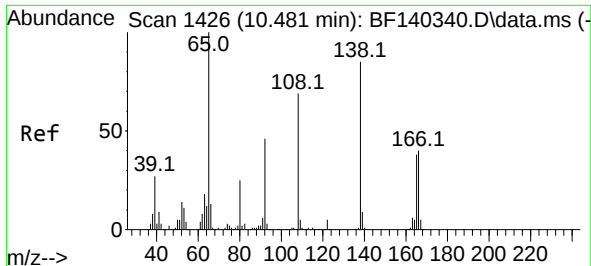


#61
4-Chlorophenyl-phenylether
Concen: 47.573 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



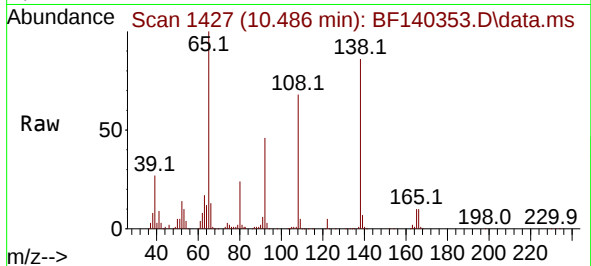
Tgt Ion:204 Resp: 464759
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 60.1 49.8 74.8





#62
4-Nitroaniline
Concen: 48.023 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

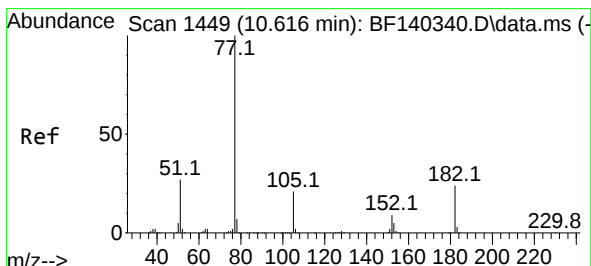
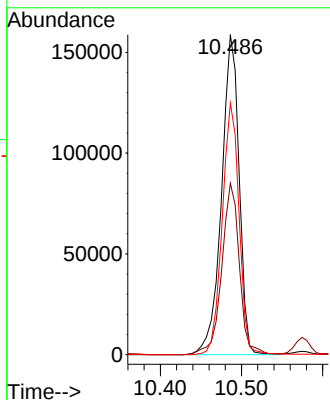
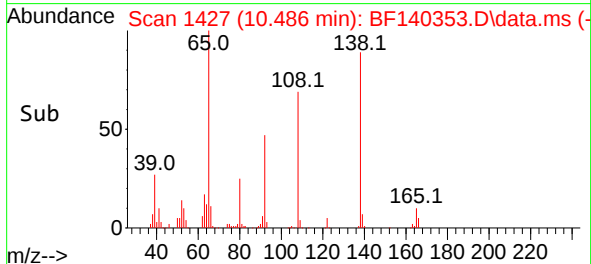
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion:138 Resp: 23942
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 78.6 59.9 99.9

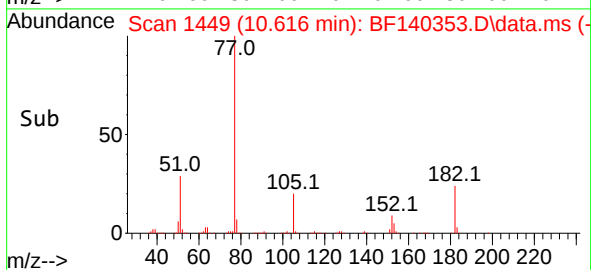
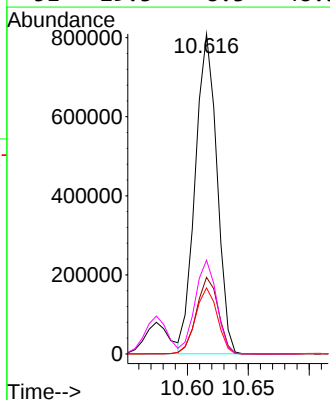
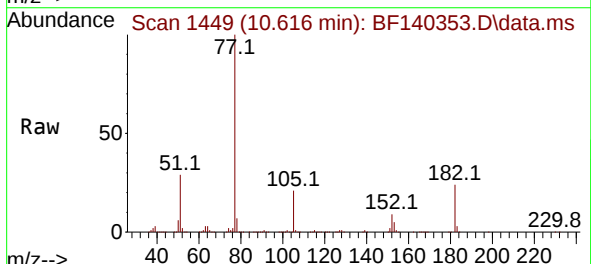
Manual Integrations
APPROVED

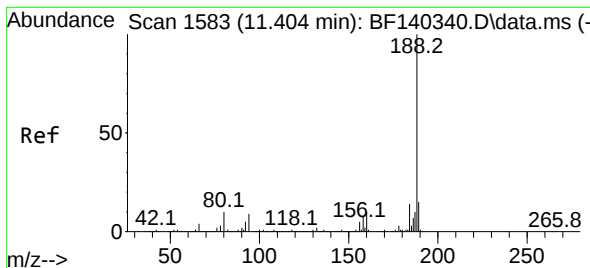
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#63
Azobenzene
Concen: 48.646 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion: 77 Resp: 1000962
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 20.7 0.9 40.9
51 29.3 8.3 48.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

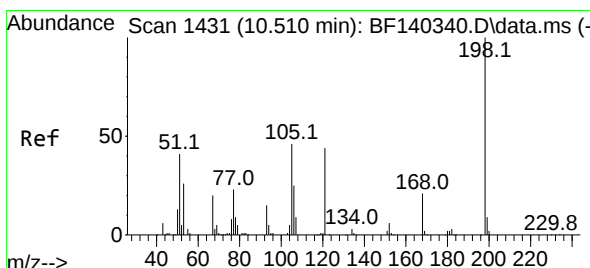
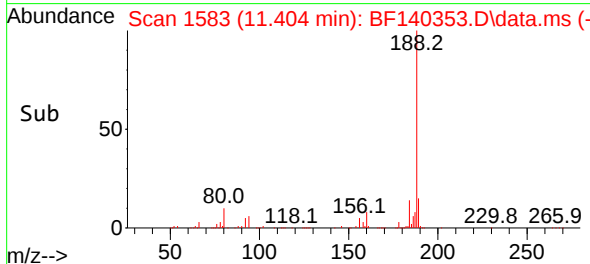
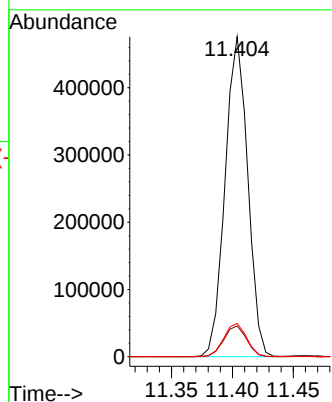
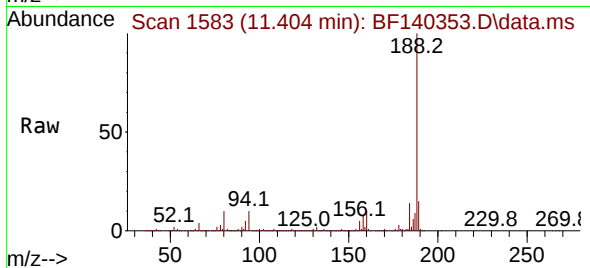
ClientSampleId :

PB164911BS

Tgt Ion:188 Resp: 61475
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.4 8.0 12.0

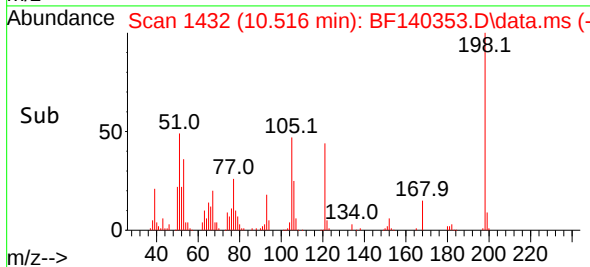
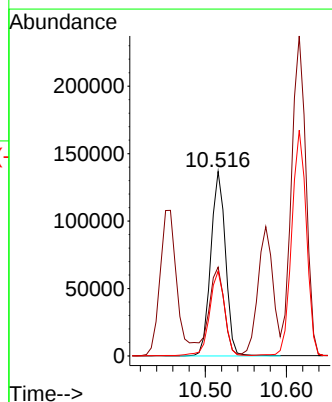
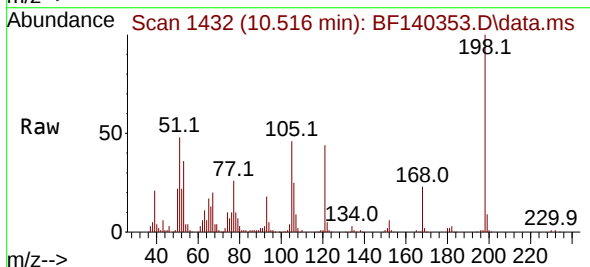
Manual Integrations
APPROVED

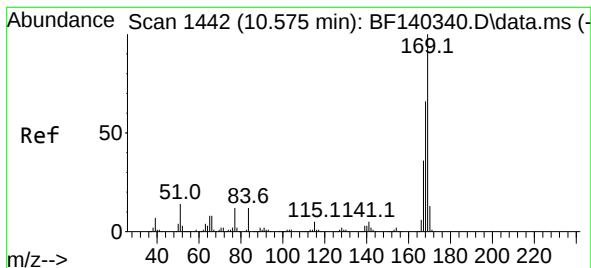
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 51.907 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:198 Resp: 171685
Ion Ratio Lower Upper
198 100
51 48.2 29.7 69.7
105 45.9 26.3 66.3





#66
n-Nitrosodiphenylamine
Concen: 47.972 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

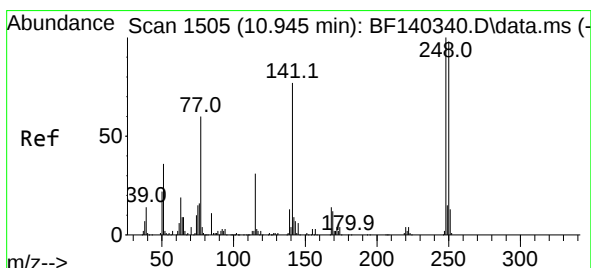
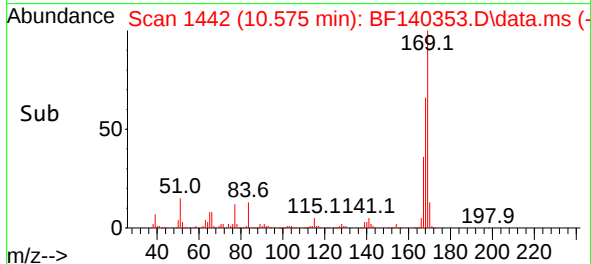
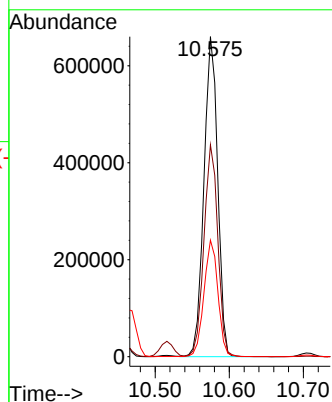
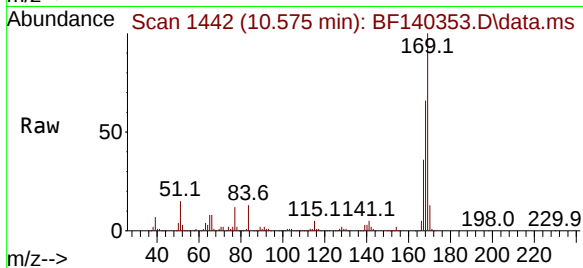
PB164911BS

Tgt Ion:169 Resp: 85210
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.4 29.3 43.9

Manual Integrations

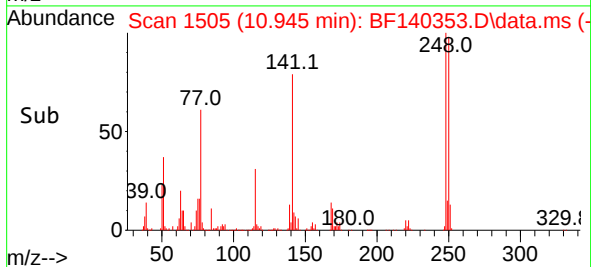
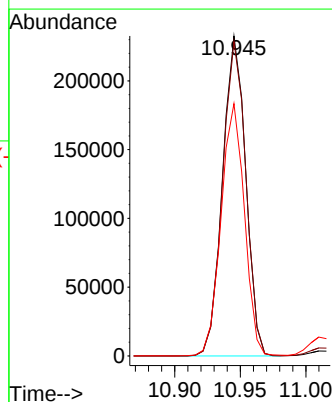
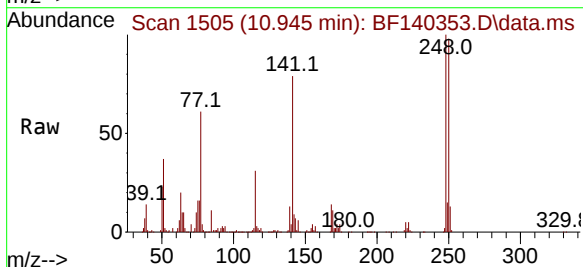
APPROVED

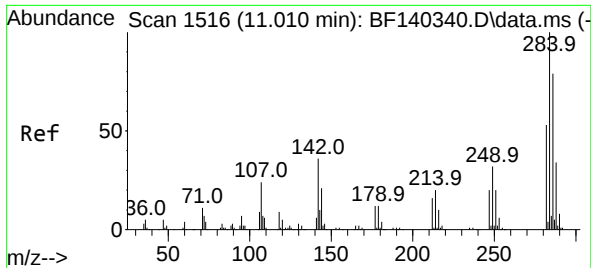
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#67
4-Bromophenyl-phenylether
Concen: 46.560 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

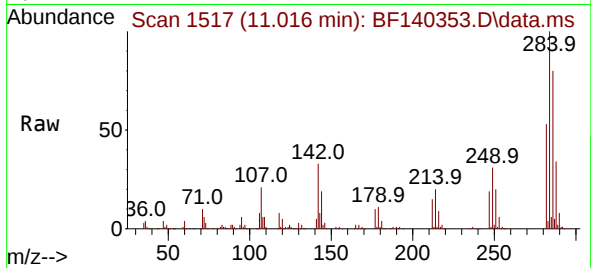
Tgt Ion:248 Resp: 286121
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 78.8 61.8 92.6





#68
Hexachlorobenzene
Concen: 46.018 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

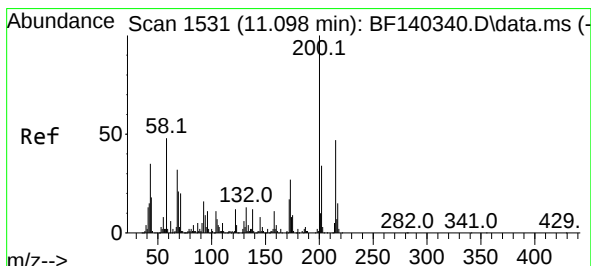
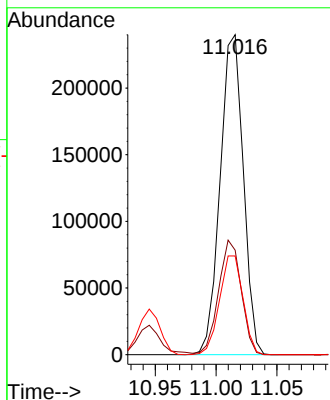
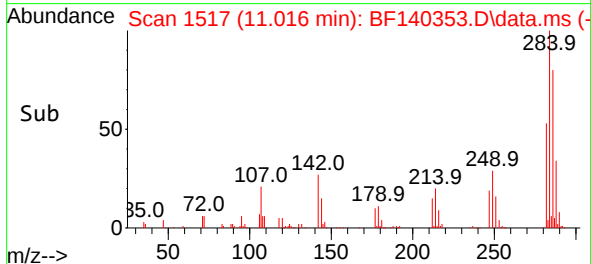
Instrument :
BNA_F
ClientSampleId :
PB164911BS



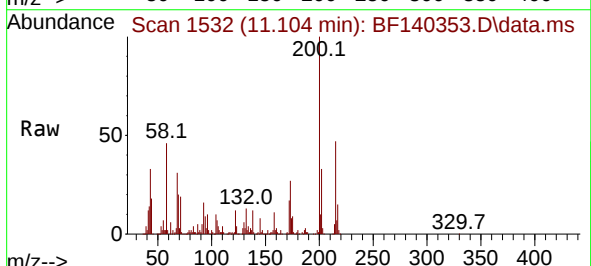
Tgt Ion:284 Resp: 318178
Ion Ratio Lower Upper
284 100
142 32.7 28.1 42.1
249 30.9 24.9 37.3

Manual Integrations
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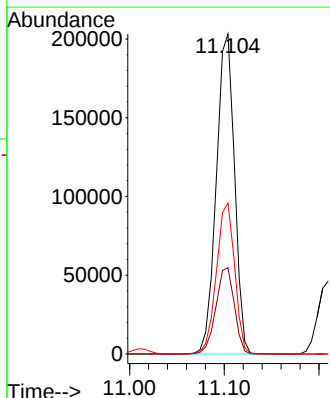
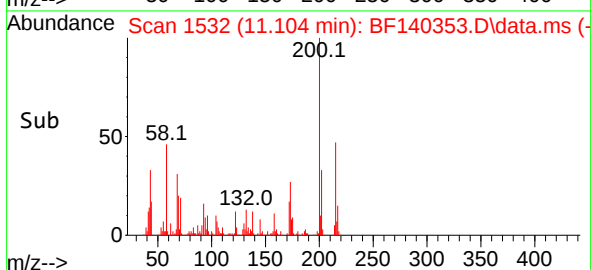
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

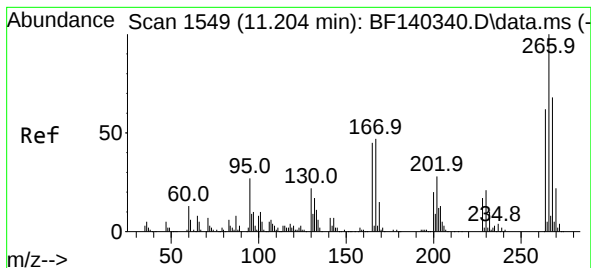


#69
Atrazine
Concen: 50.649 ng
RT: 11.104 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion:200 Resp: 272188
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 47.1 27.2 67.2





#70

Pentachlorophenol

Concen: 88.011 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:266 Resp: 32779

Ion Ratio Lower Upper

266 100

268 67.9 52.9 79.3

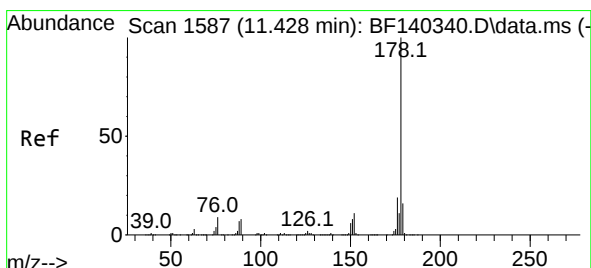
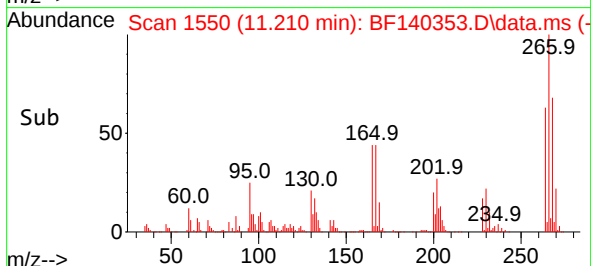
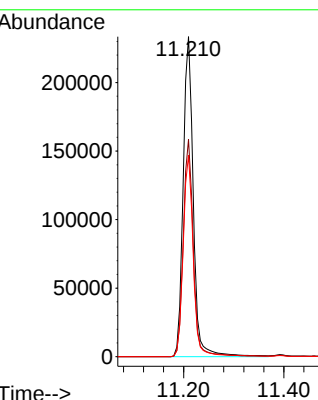
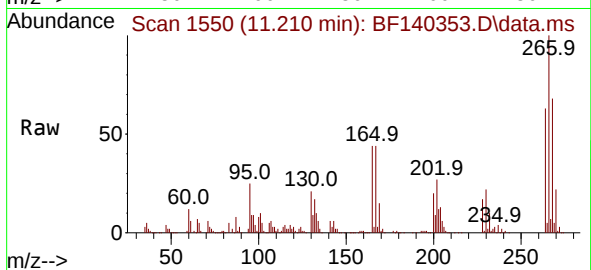
264 62.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#71

Phenanthrene

Concen: 48.011 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

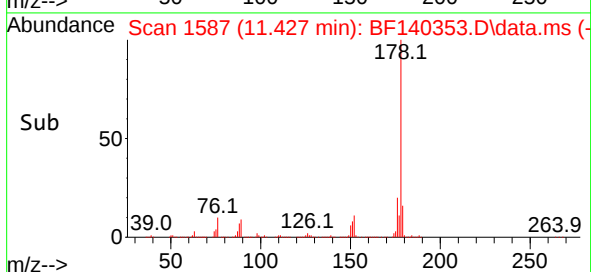
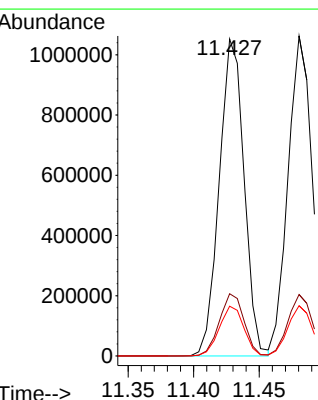
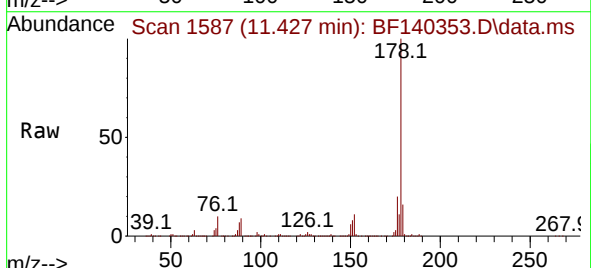
Tgt Ion:178 Resp: 1386499

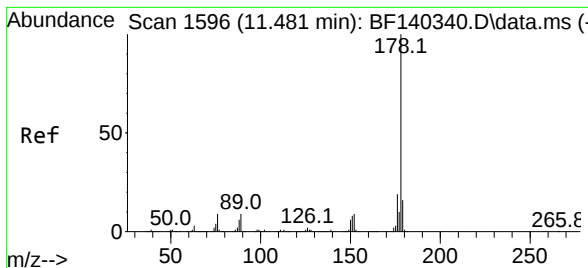
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

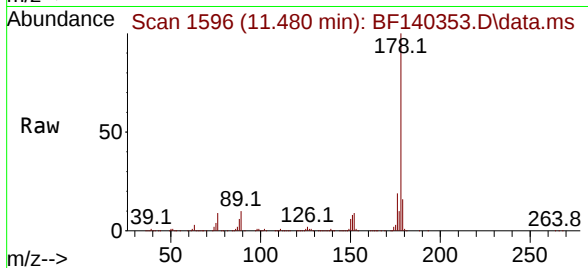
179 15.7 12.4 18.6





#72
 Anthracene
 Concen: 47.829 ng
 RT: 11.480 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: BF140353.D
 Acq: 14 Nov 2024 10:34

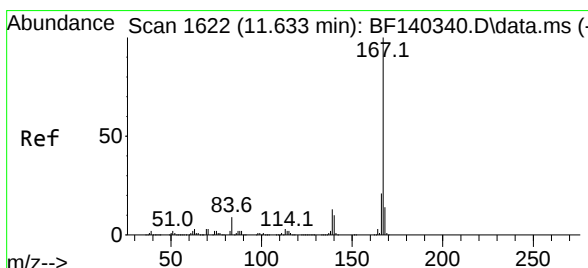
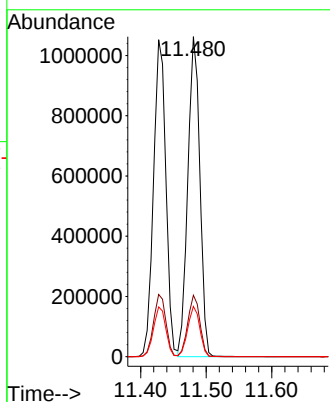
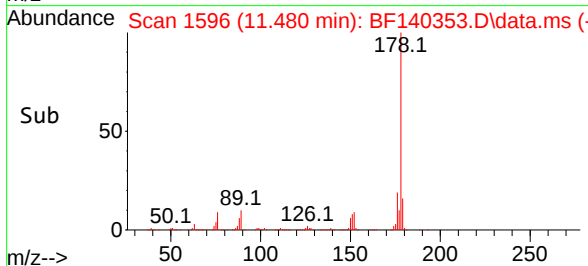
Instrument :
 BNA_F
 ClientSampleId :
 PB164911BS



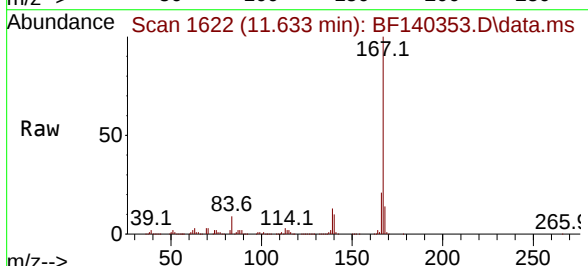
Tgt Ion:178 Resp: 1353700
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.7 12.6 18.8

Manual Integrations
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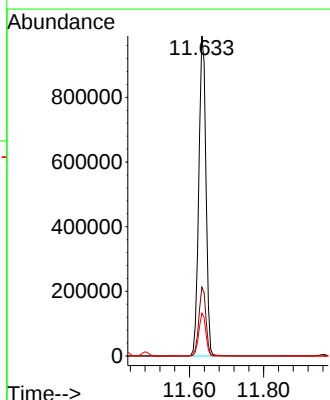
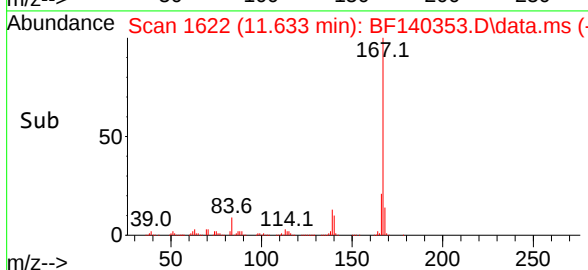
Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

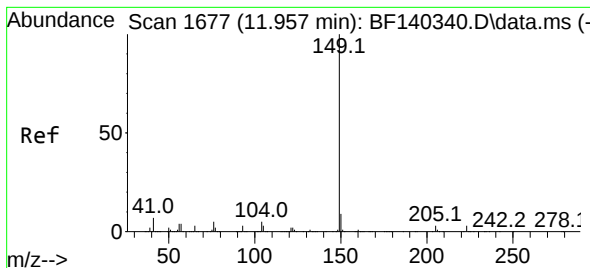


#73
 Carbazole
 Concen: 47.244 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140353.D
 Acq: 14 Nov 2024 10:34



Tgt Ion:167 Resp: 1320288
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.4 10.4 15.6





#74

Di-n-butylphthalate

Concen: 47.889 ng

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:149 Resp: 160628

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

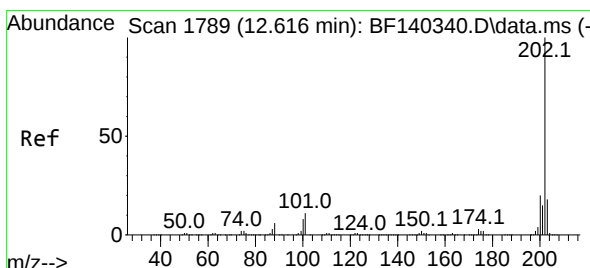
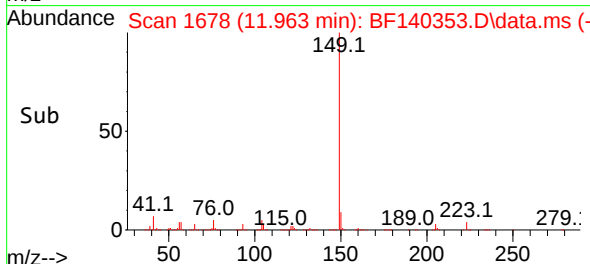
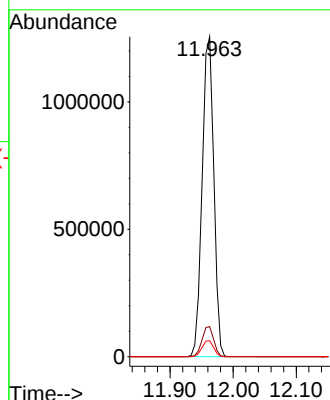
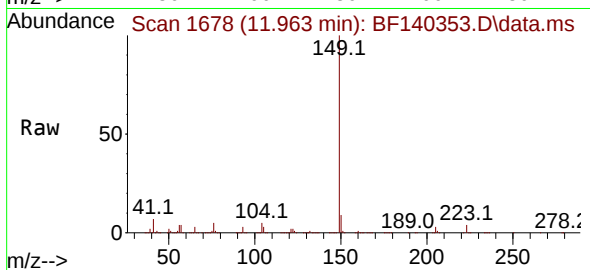
104 5.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#75

Fluoranthene

Concen: 46.027 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

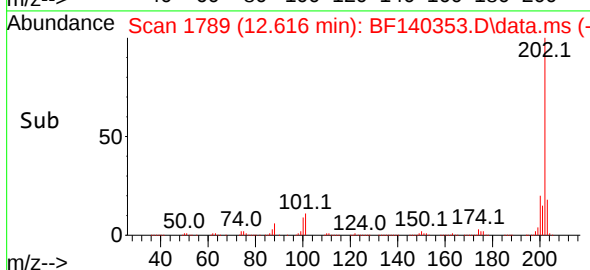
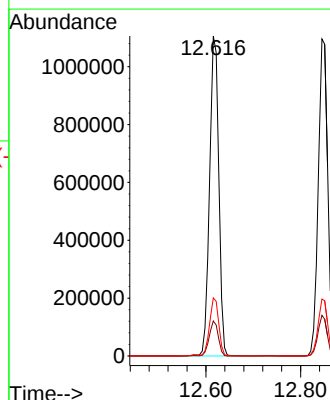
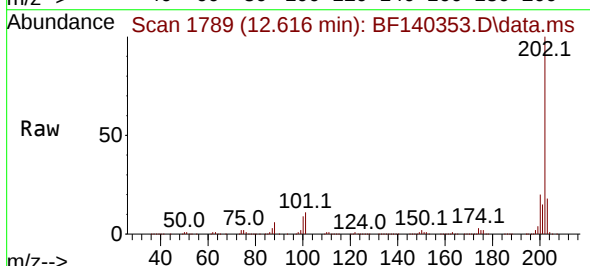
Tgt Ion:202 Resp: 1491256

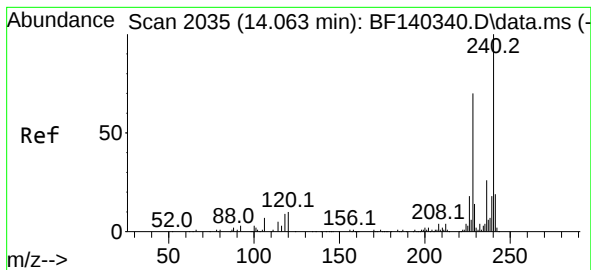
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.7

203 18.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:240 Resp: 35118

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

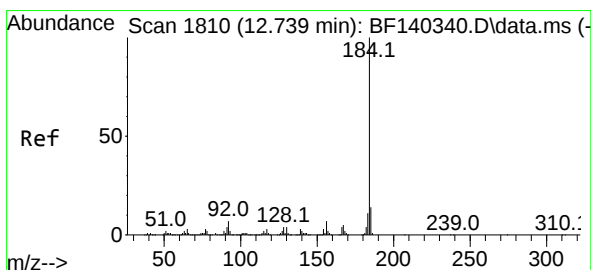
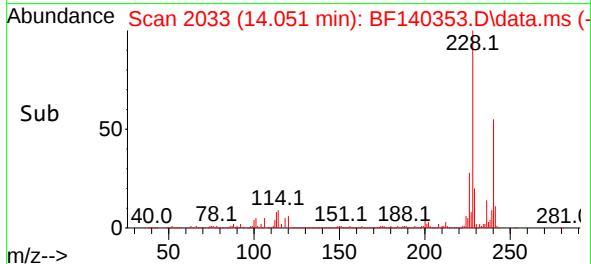
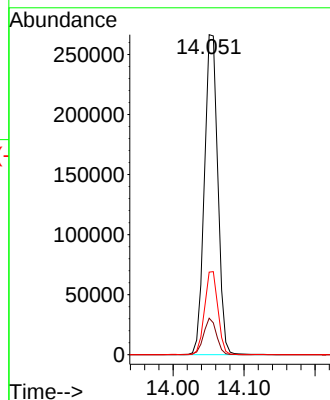
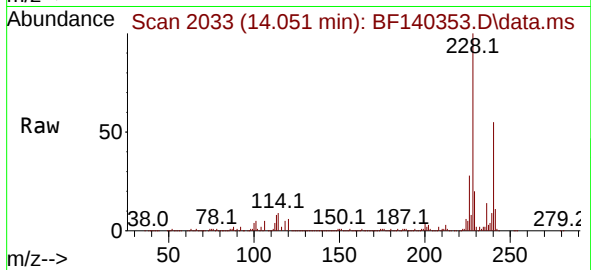
236 25.8 20.9 31.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#77

Benzidine

Concen: 14.313 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

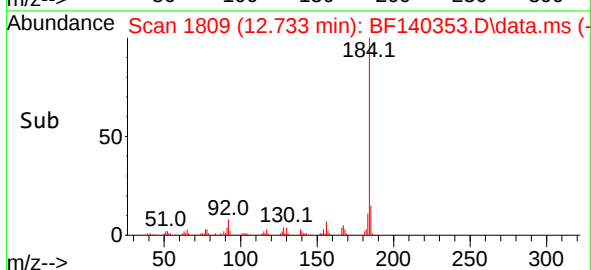
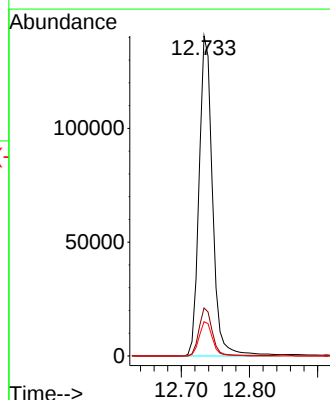
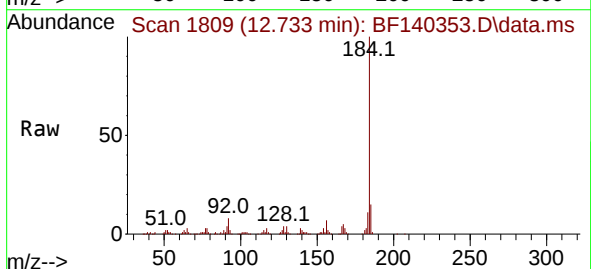
Tgt Ion:184 Resp: 192923

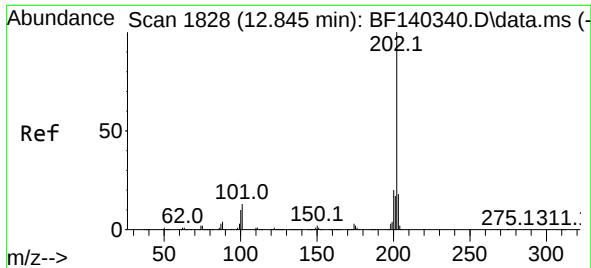
Ion Ratio Lower Upper

184 100

185 15.0 11.9 17.9

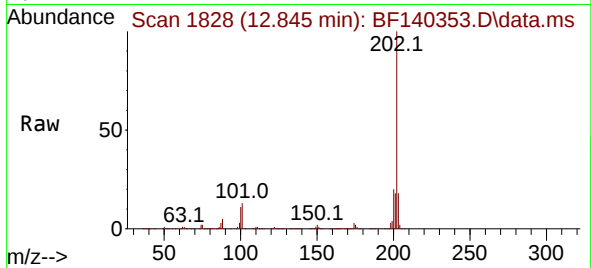
183 10.7 8.6 13.0





#78
Pyrene
Concen: 49.966 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

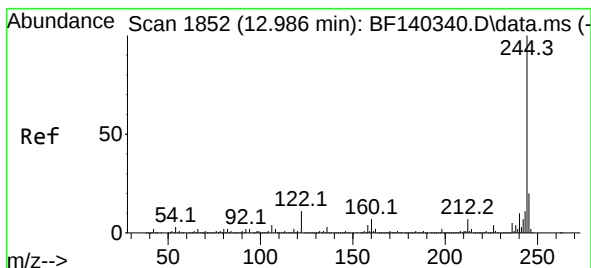
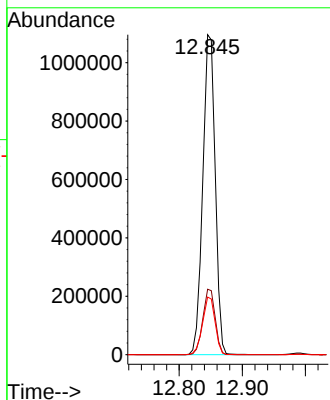
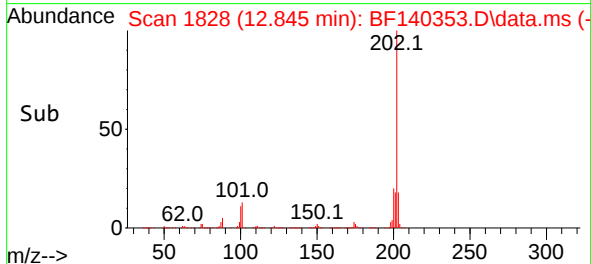
Instrument :
BNA_F
ClientSampleId :
PB164911BS



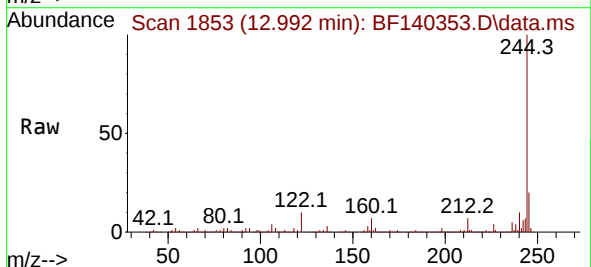
Tgt Ion:202 Resp: 1500915
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.0 14.2 21.4

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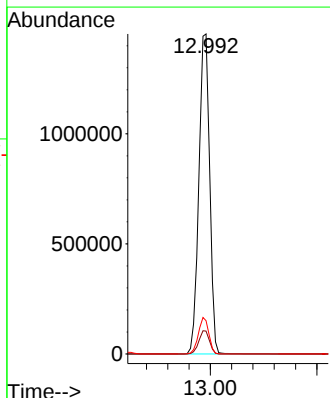
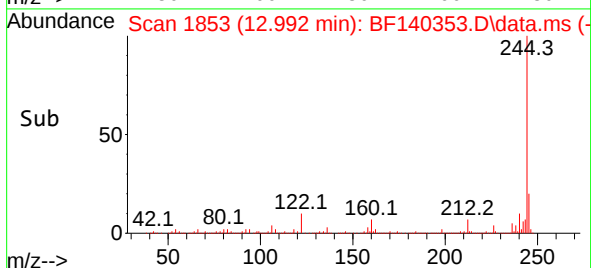
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

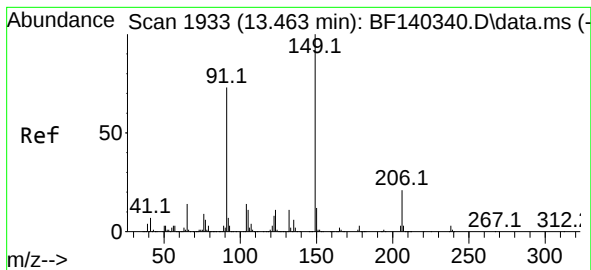


#79
Terphenyl-d14
Concen: 100.853 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



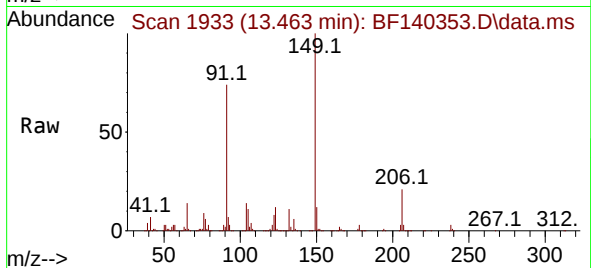
Tgt Ion:244 Resp: 2040433
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 8.8 13.2





#80
Butylbenzylphthalate
Concen: 54.556 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

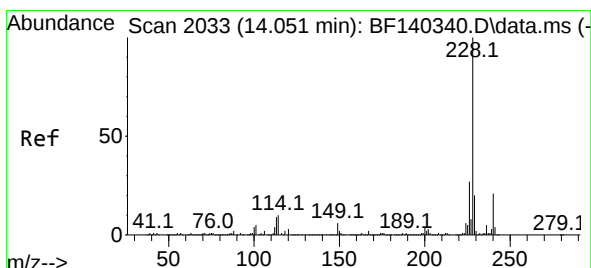
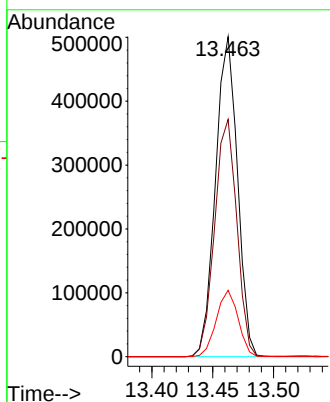
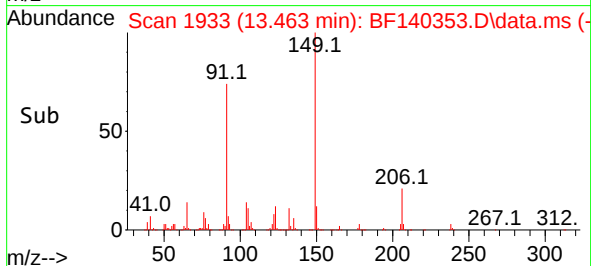
Instrument :
BNA_F
ClientSampleId :
PB164911BS



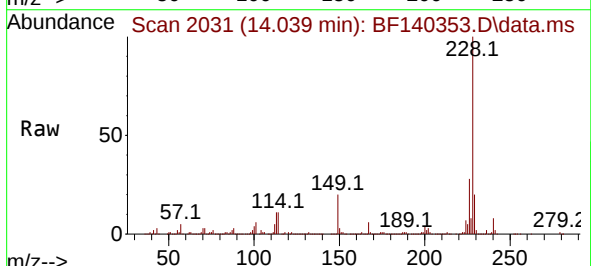
Tgt Ion:149 Resp: 62954
Ion Ratio Lower Upper
149 100
91 74.1 61.0 91.4
206 20.8 16.1 24.1

Manual Integrations
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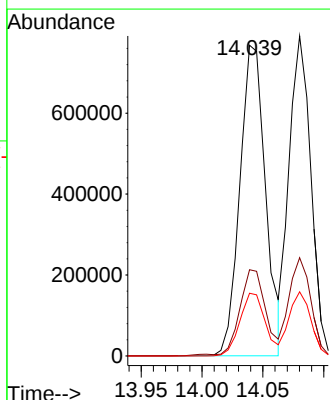
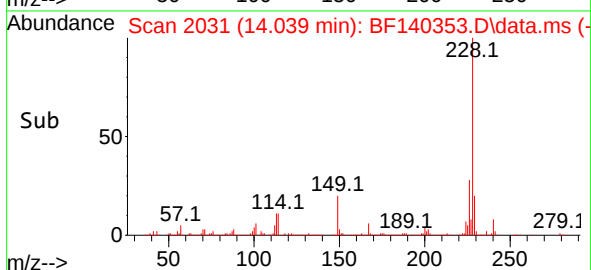
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

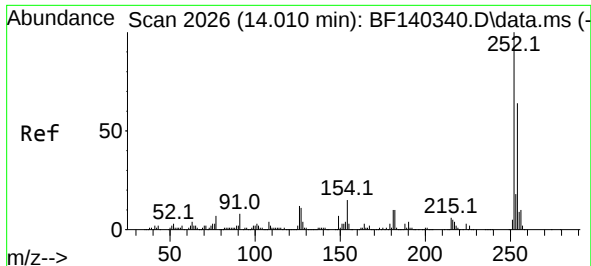


#81
Benzo(a)anthracene
Concen: 48.964 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



Tgt Ion:228 Resp: 1130109
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 15.8 23.6





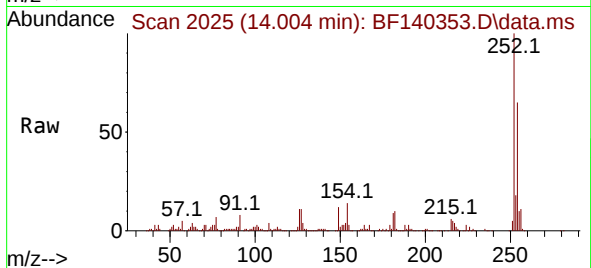
#82
3,3'-Dichlorobenzidine
Concen: 40.976 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

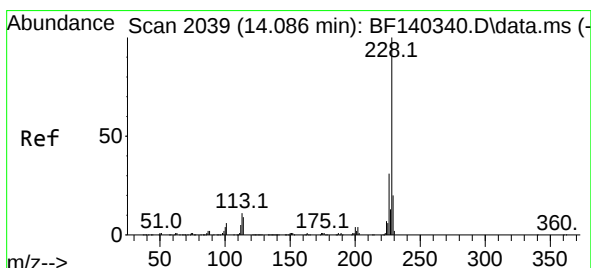
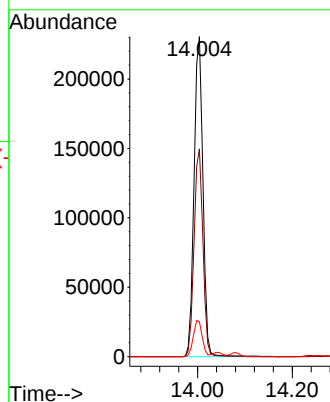
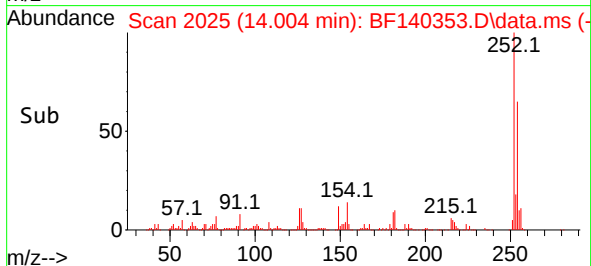


Tgt Ion:252 Resp: 300600
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 11.0 9.4 14.0

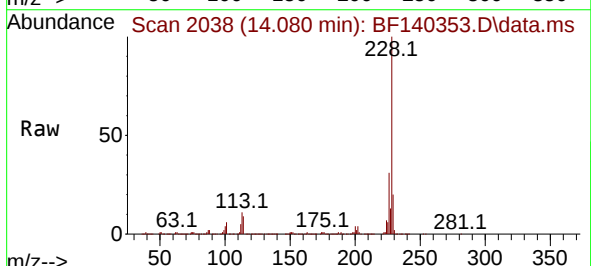
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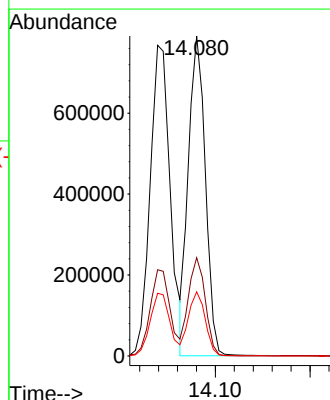
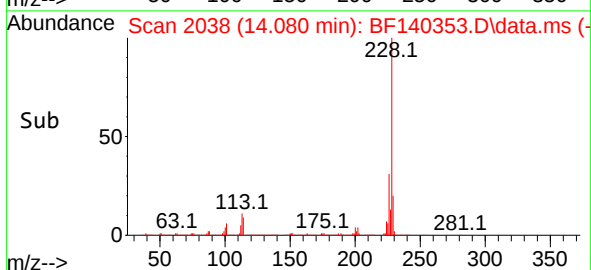
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

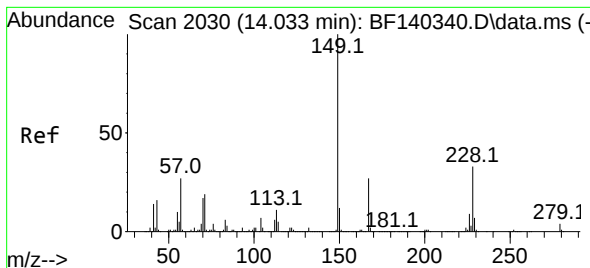


#83
Chrysene
Concen: 46.773 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34



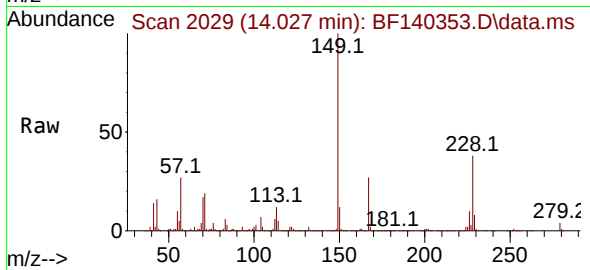
Tgt Ion:228 Resp: 984993
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 20.0 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.444 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

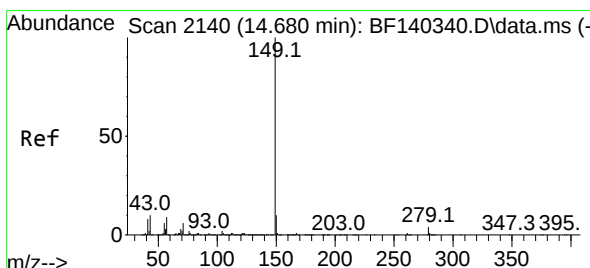
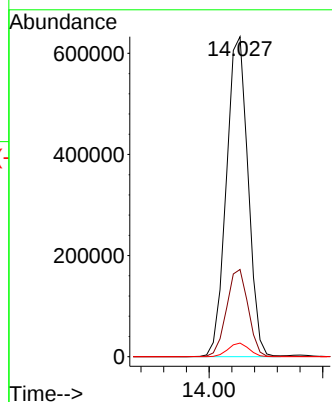
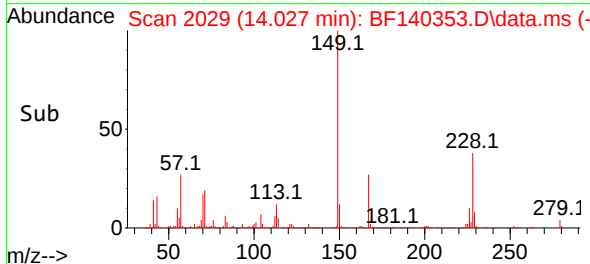
Instrument :
BNA_F
ClientSampleId :
PB164911BS



Tgt Ion:149 Resp: 838588
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.2 3.0 4.6

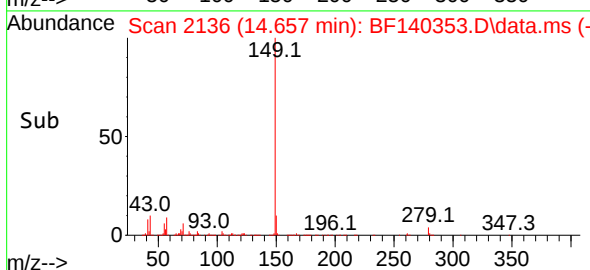
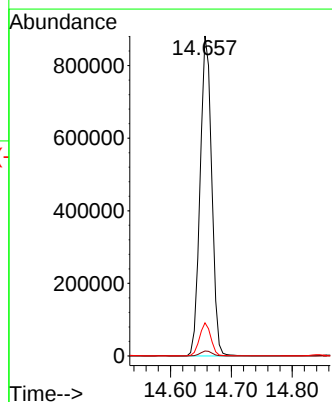
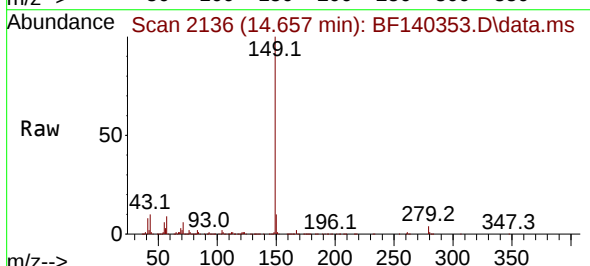
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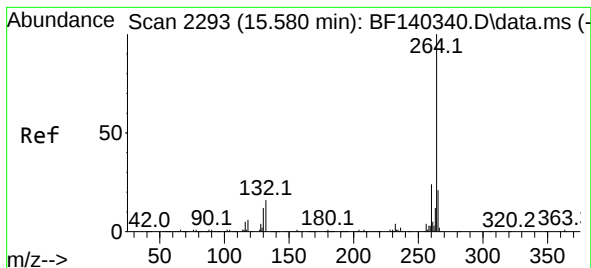
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#85
Di-n-octyl phthalate
Concen: 53.798 ng
RT: 14.657 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:149 Resp: 1167036
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

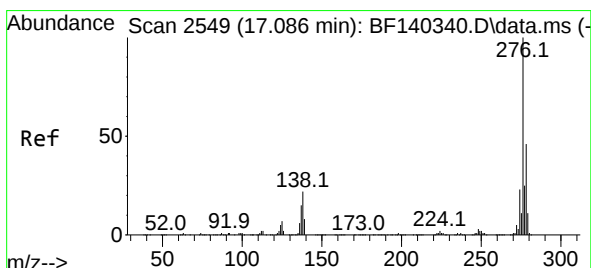
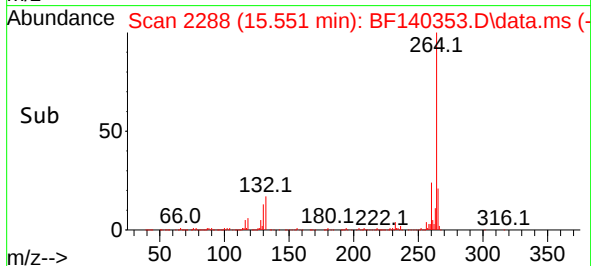
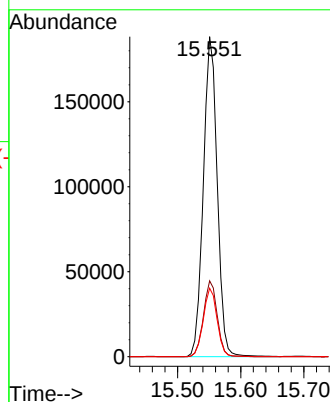
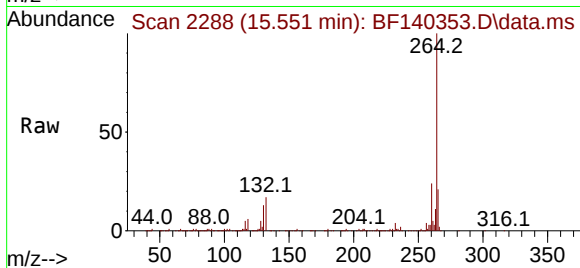
ClientSampleId :

PB164911BS

Tgt Ion:264 Resp: 28824
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.1 25.7

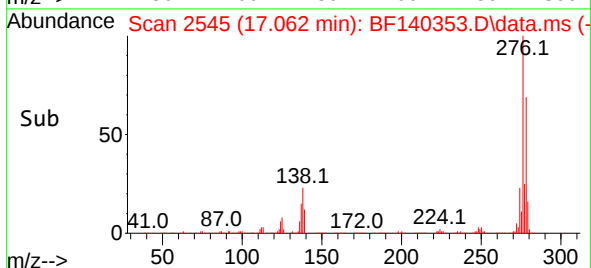
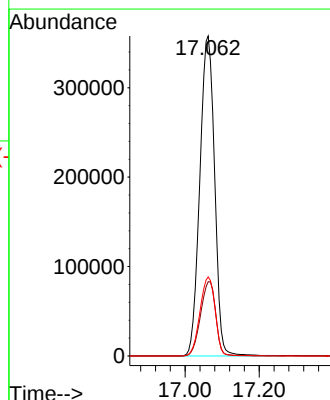
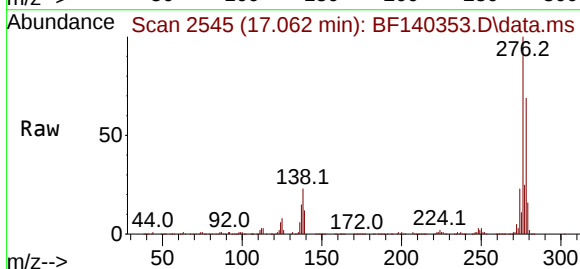
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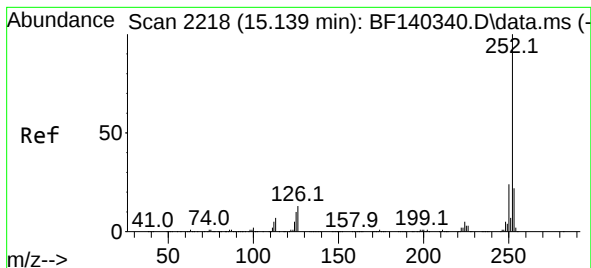
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 55.625 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF140353.D
Acq: 14 Nov 2024 10:34

Tgt Ion:276 Resp: 990428
Ion Ratio Lower Upper
276 100
138 23.8 18.8 28.2
277 25.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 51.561 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:252 Resp: 972200

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

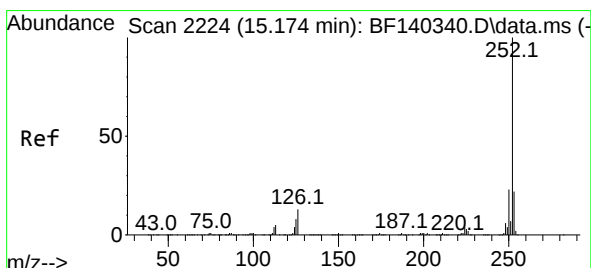
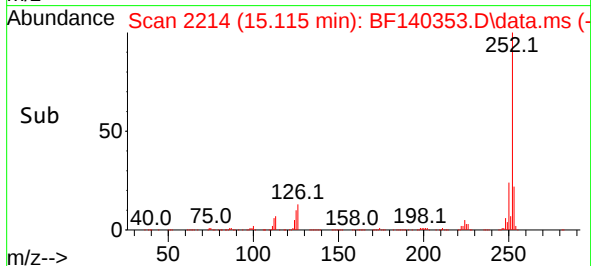
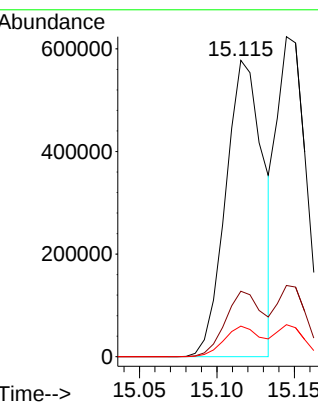
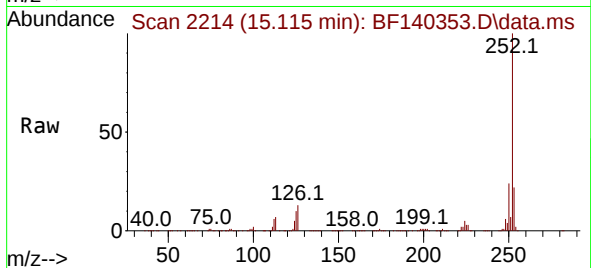
125 10.3 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#89

Benzo(k)fluoranthene

Concen: 53.772 ng

RT: 15.145 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

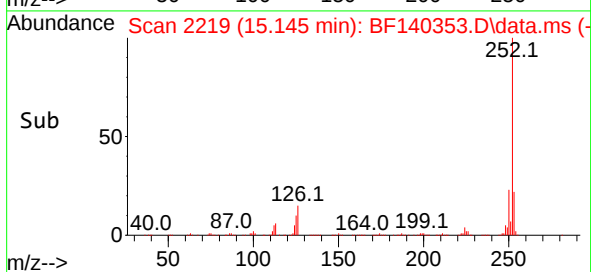
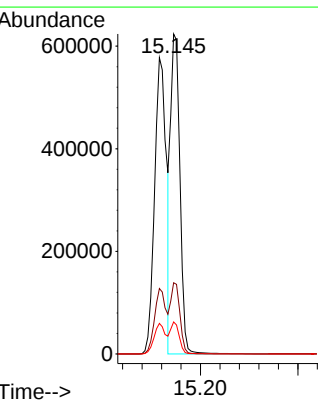
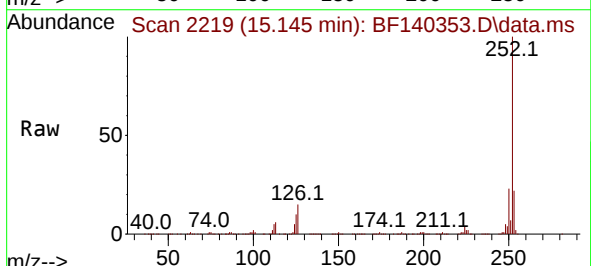
Tgt Ion:252 Resp: 828280

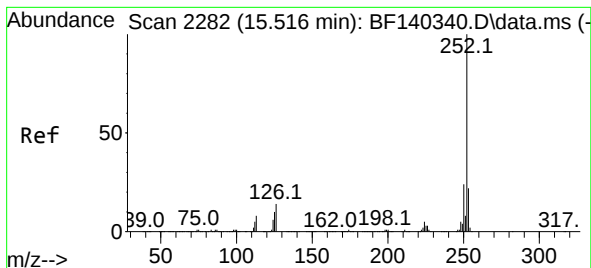
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.0 7.4 11.2





#90

Benzo(a)pyrene

Concen: 53.294 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Tgt Ion:252 Resp: 780350

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

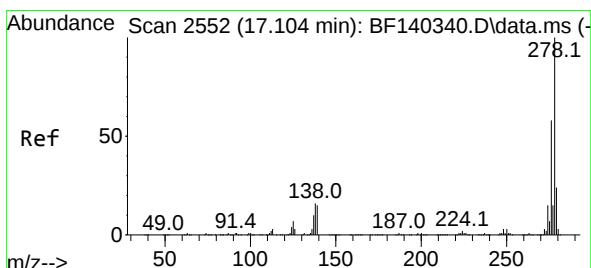
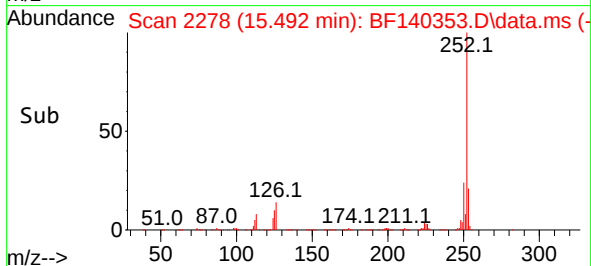
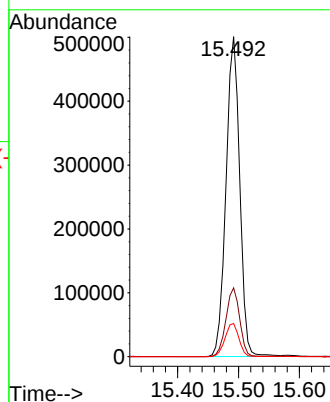
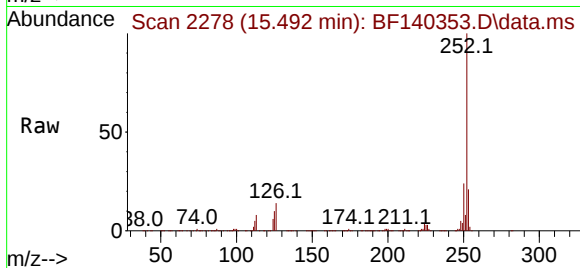
125 10.4 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024



#91

Dibenzo(a,h)anthracene

Concen: 56.934 ng

RT: 17.074 min Scan# 2547

Delta R.T. -0.000 min

Lab File: BF140353.D

Acq: 14 Nov 2024 10:34

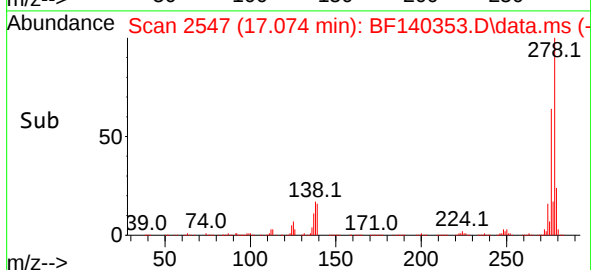
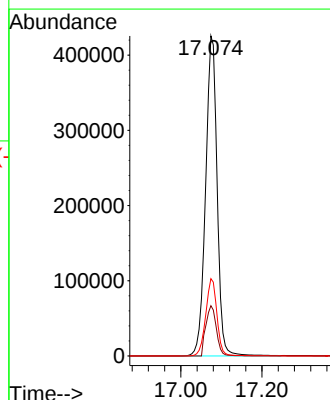
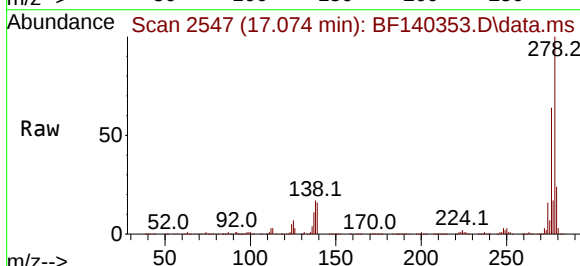
Tgt Ion:278 Resp: 837946

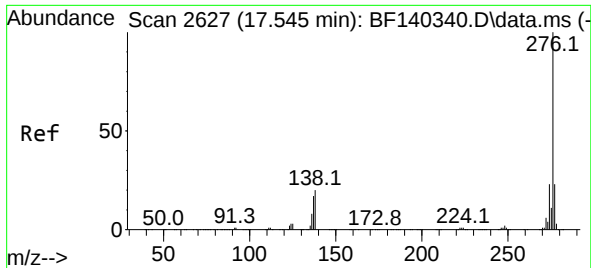
Ion Ratio Lower Upper

278 100

139 15.7 11.8 17.8

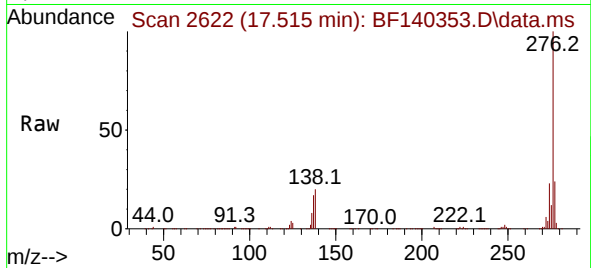
279 24.1 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 53.636 ng
 RT: 17.515 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF140353.D
 Acq: 14 Nov 2024 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BS



Tgt Ion:276 Resp: 80703
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.6 28.0
 138 20.3 16.0 24.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/15/2024

