

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140877.D
 Acq On : 17 Dec 2024 11:35
 Operator : RC/JU
 Sample : PB165623BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 12:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	198425	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	109384	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199182	20.000	ng	0.00
76) Chrysene-d12	14.021	240	129993	20.000	ng	-0.01
86) Perylene-d12	15.510	264	121005	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	513395	155.126	ng	0.01
7) Phenol-d6	6.498	99	638811	145.731	ng	0.00
23) Nitrobenzene-d5	7.416	82	409532	103.260	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	191455	147.990	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	824652	103.651	ng	0.00
79) Terphenyl-d14	12.957	244	908361	110.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	60294	42.296	ng	99
3) Pyridine	3.475	79	154539	46.811	ng	98
4) n-Nitrosodimethylamine	3.416	42	89052	53.508	ng	97
6) Aniline	6.516	93	178729	47.687	ng	90
8) 2-Chlorophenol	6.645	128	191822	53.150	ng	99
9) Benzaldehyde	6.410	77	49197	20.255	ng	99
10) Phenol	6.516	94	235623	51.863	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	175492	51.796	ng	99
12) 1,3-Dichlorobenzene	6.787	146	203243	49.421	ng	98
13) 1,4-Dichlorobenzene	6.863	146	205302	49.181	ng	99
14) 1,2-Dichlorobenzene	7.016	146	190480	48.363	ng	96
15) Benzyl Alcohol	6.998	79	169658	54.131	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208951	52.352	ng	85
17) 2-Methylphenol	7.116	107	147597	51.224	ng	98
18) Hexachloroethane	7.351	117	76364	49.139	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	134673	51.217	ng	99
20) 3+4-Methylphenols	7.269	107	196232	51.359	ng	96
22) Acetophenone	7.263	105	264952	53.378	ng	99
24) Nitrobenzene	7.434	77	204296	50.281	ng	99
25) Isophorone	7.675	82	359511	54.100	ng	99
26) 2-Nitrophenol	7.751	139	100033	53.456	ng	100
27) 2,4-Dimethylphenol	7.792	122	138972	63.591	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	216344	52.125	ng	98
29) 2,4-Dichlorophenol	7.998	162	159967	53.019	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	168638	48.757	ng	100
31) Naphthalene	8.151	128	550091	50.468	ng	100
32) Benzoic acid	7.939	122	92691	44.721	ng	98
33) 4-Chloroaniline	8.204	127	95690	26.433	ng	99
34) Hexachlorobutadiene	8.263	225	114140	49.049	ng	98
35) Caprolactam	8.581	113	47168m	52.512	ng	
36) 4-Chloro-3-methylphenol	8.698	107	175809	51.771	ng	98
37) 2-Methylnaphthalene	8.839	142	364035	50.489	ng	100
38) 1-Methylnaphthalene	8.939	142	335559	47.058	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	180385	53.653	ng	100
41) Hexachlorocyclopentadiene	8.992	237	96805	80.007	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	106870	51.912	ng	99

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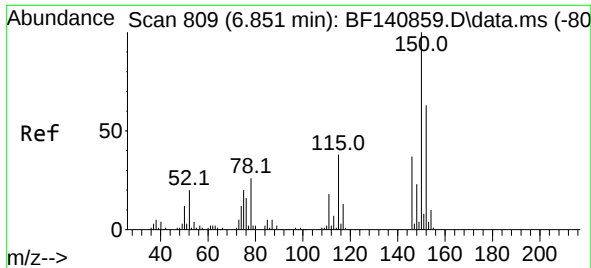
Manual Integrations
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 Supervised By :mohammad ahmed 12/18/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	111401	49.233	ng	99
46) 1,1'-Biphenyl	9.304	154	459523	52.831	ng	99
47) 2-Chloronaphthalene	9.334	162	341689	51.350	ng	99
48) 2-Nitroaniline	9.434	65	107544	53.514	ng	98
49) Acenaphthylene	9.745	152	541139	55.339	ng	100
50) Dimethylphthalate	9.604	163	418300	54.241	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89652	50.852	ng	98
52) Acenaphthene	9.916	154	327255	52.391	ng	99
53) 3-Nitroaniline	9.851	138	59883	34.227	ng	97
54) 2,4-Dinitrophenol	9.969	184	75484	87.117	ng	97
55) Dibenzofuran	10.092	168	499515	51.607	ng	100
56) 4-Nitrophenol	10.033	139	86755	91.508	ng	88
57) 2,4-Dinitrotoluene	10.086	165	117235	50.541	ng	95
58) Fluorene	10.433	166	405527	50.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	101397	54.993	ng	97
60) Diethylphthalate	10.304	149	416676	52.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	205286	51.179	ng	99
62) 4-Nitroaniline	10.469	138	88966	48.661	ng	98
63) Azobenzene	10.581	77	381354	50.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	59871	53.046	ng	99
66) n-Nitrosodiphenylamine	10.545	169	352140	57.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	118840	53.332	ng	98
68) Hexachlorobenzene	10.986	284	133965	53.026	ng	99
69) Atrazine	11.075	200	116225	67.954	ng	99
70) Pentachlorophenol	11.186	266	91604	99.173	ng	98
71) Phenanthrene	11.398	178	559598	54.633	ng	99
72) Anthracene	11.451	178	568637	56.373	ng	99
73) Carbazole	11.610	167	510463	51.665	ng	100
74) Di-n-butylphthalate	11.927	149	630897	54.409	ng	100
75) Fluoranthene	12.592	202	602142	51.045	ng	99
77) Benzidine	12.716	184	168731	63.598	ng	100
78) Pyrene	12.822	202	611888	52.933	ng	99
80) Butylbenzylphthalate	13.427	149	239628	56.338	ng	99
81) Benzo(a)anthracene	14.016	228	506153	54.939	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	104545	37.611	ng	98
83) Chrysene	14.051	228	440952	52.634	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	335787	61.225	ng	99
85) Di-n-octyl phthalate	14.604	149	517690	62.392	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	483120	63.979	ng	98
88) Benzo(b)fluoranthene	15.074	252	453696	54.014	ng	100
89) Benzo(k)fluoranthene	15.104	252	377629	52.411	ng	99
90) Benzo(a)pyrene	15.445	252	387987	58.990	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	391475	62.578	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355912	55.900	ng	99

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



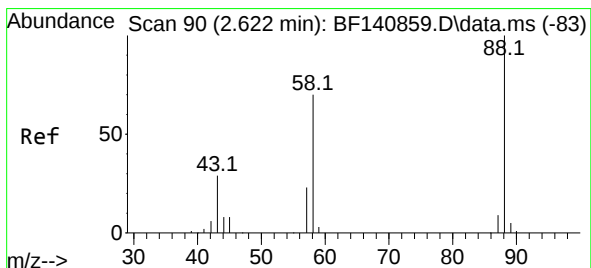
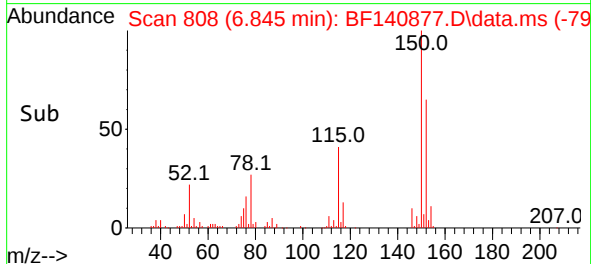
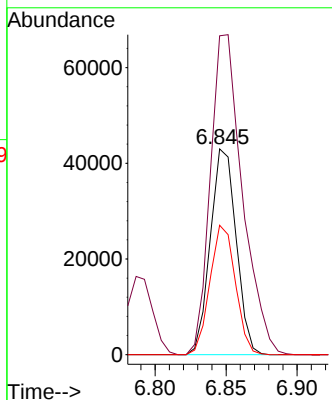
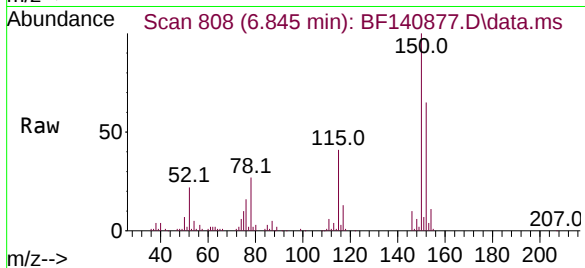
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:152 Resp: 5448
Ion Ratio Lower Upper
152 100
150 155.0 127.9 191.9
115 63.0 48.0 72.0

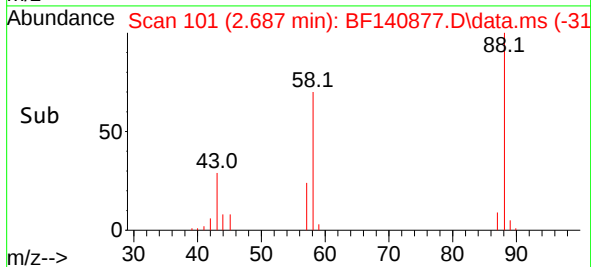
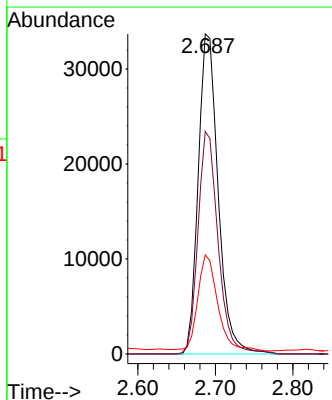
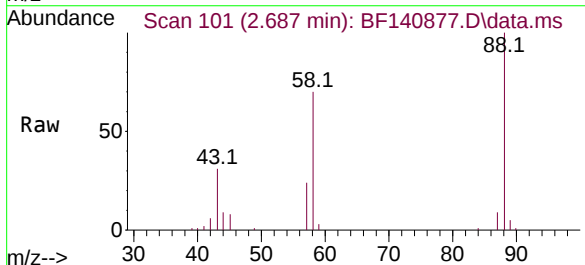
Manual Integrations
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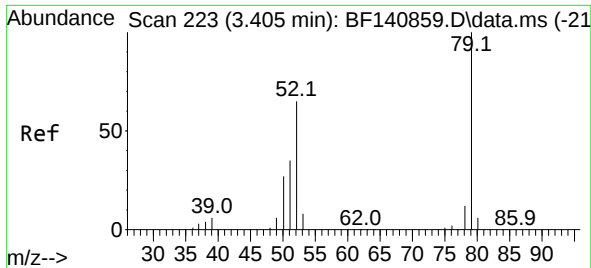
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#2
1,4-Dioxane
Concen: 42.296 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.065 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 88 Resp: 60294
Ion Ratio Lower Upper
88 100
58 70.1 55.8 83.8
43 30.1 22.7 34.1





#3

Pyridine

Concen: 46.811 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 79 Resp: 15453

Ion Ratio Lower Upper

79 100

52 63.0 51.7 77.5

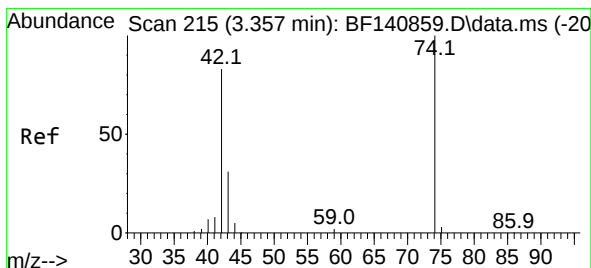
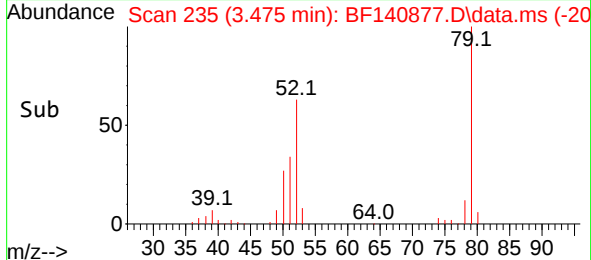
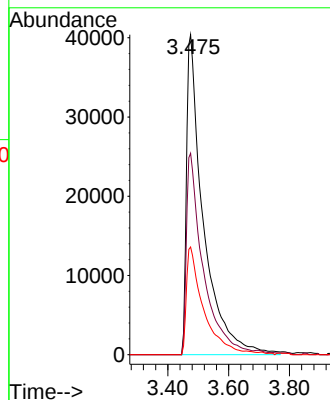
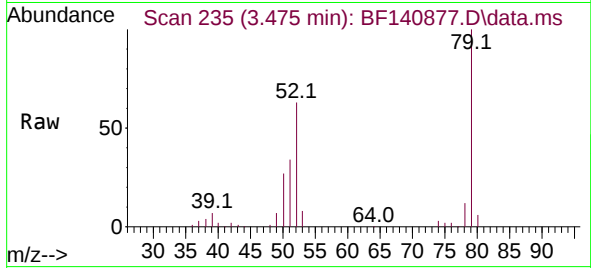
51 33.6 28.2 42.4

Manual Integrations

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Supervised By :mohammad ahmed 12/18/2024



#4

n-Nitrosodimethylamine

Concen: 53.508 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.059 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

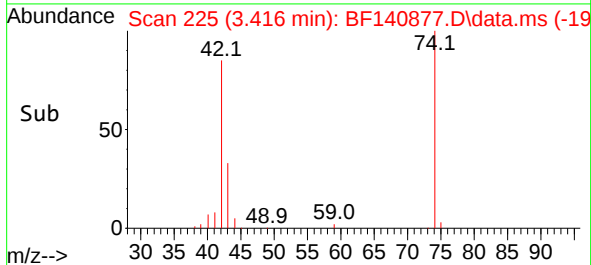
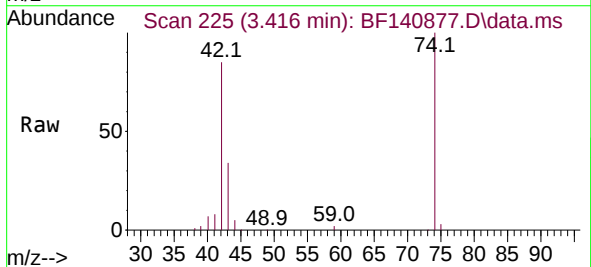
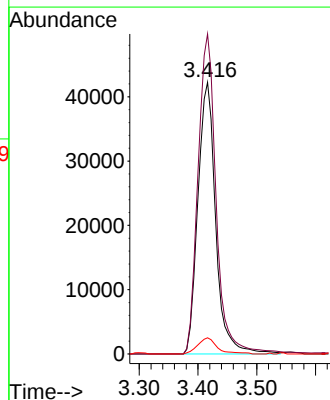
Tgt Ion: 42 Resp: 89052

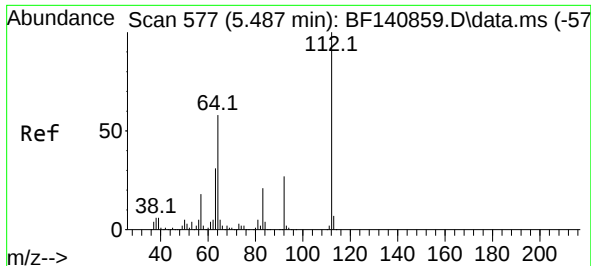
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 5.9 4.4 6.6





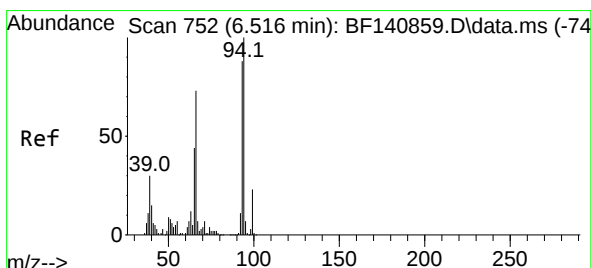
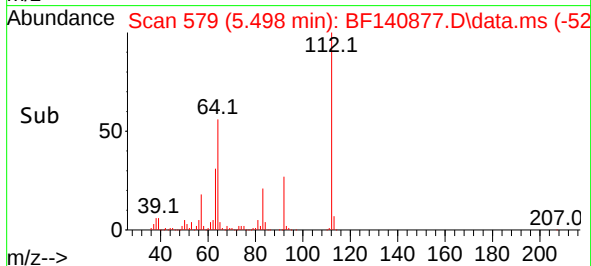
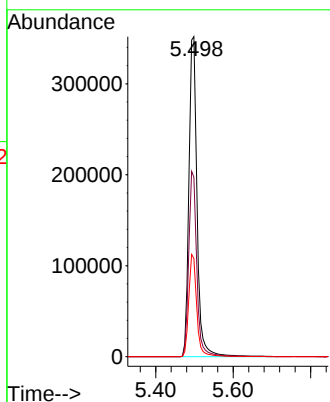
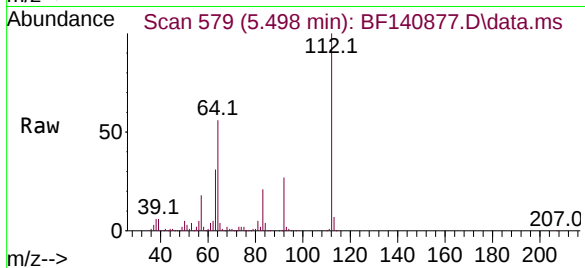
#5
2-Fluorophenol
Concen: 155.126 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:112 Resp: 51339
Ion Ratio Lower Upper
112 100
64 56.1 46.1 69.1
63 30.7 24.9 37.3

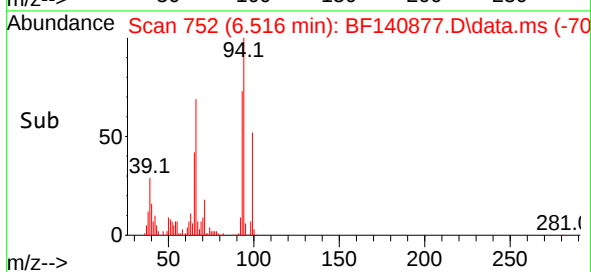
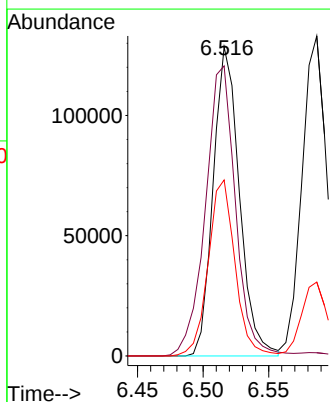
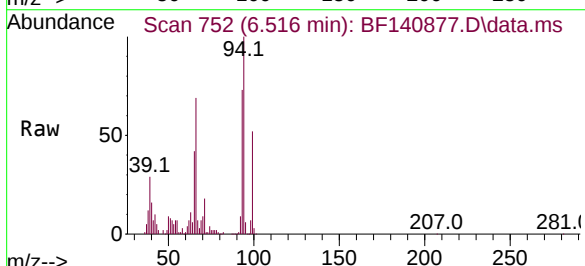
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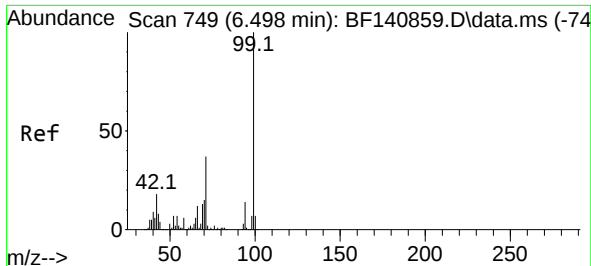
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#6
Aniline
Concen: 47.687 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

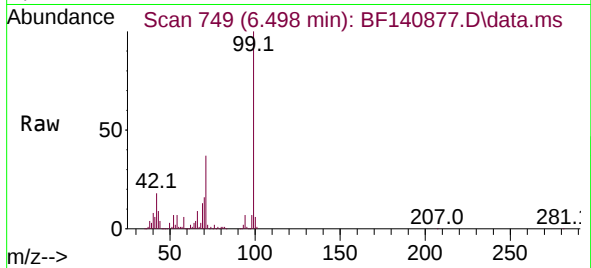
Tgt Ion: 93 Resp: 178729
Ion Ratio Lower Upper
93 100
66 93.8 67.0 100.4
65 57.0 40.4 60.6





#7
Phenol-d6
Concen: 145.731 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

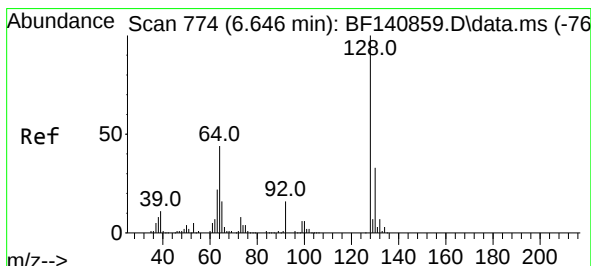
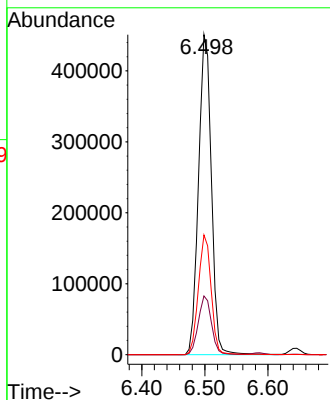
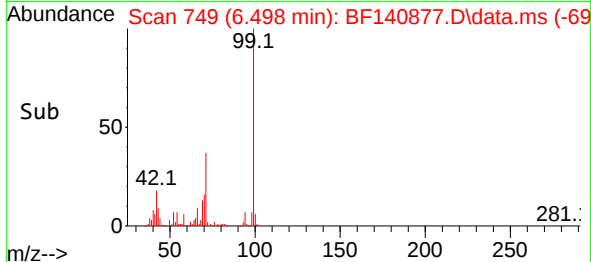
Instrument :
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Tgt Ion: 99 Resp: 63881
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.4 29.9 44.9

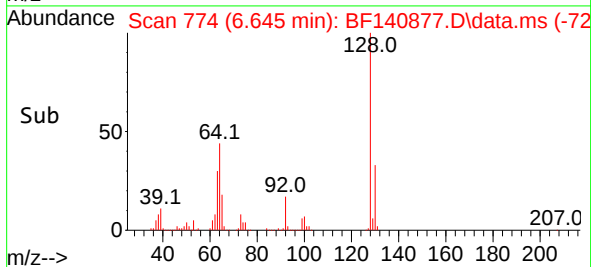
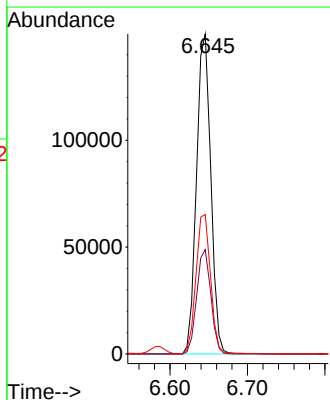
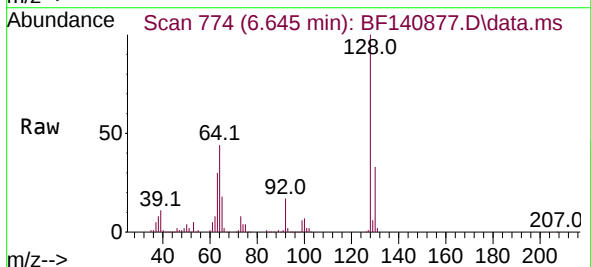
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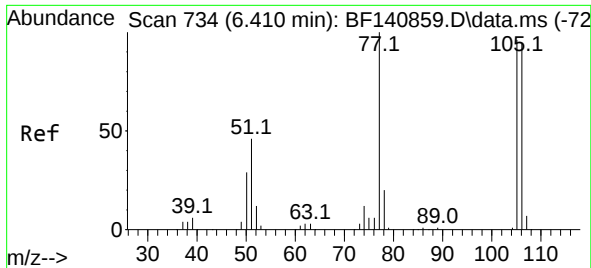
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#8
2-Chlorophenol
Concen: 53.150 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:128 Resp: 191822
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 43.6 24.3 64.3





#9
Benzaldehyde
Concen: 20.255 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

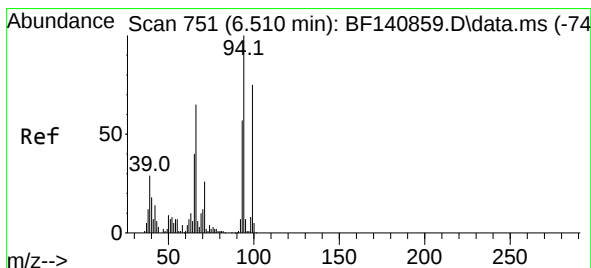
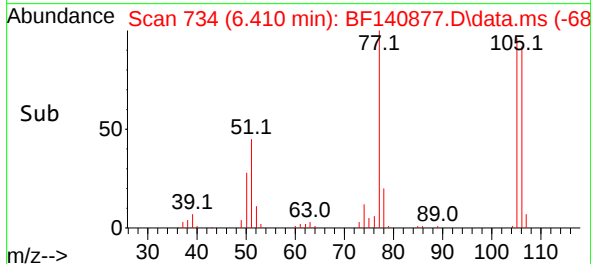
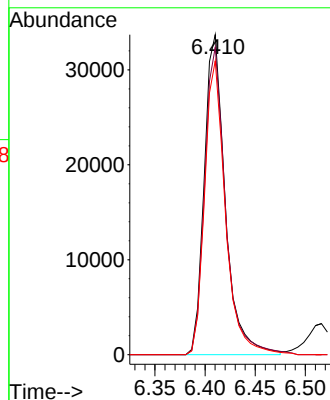
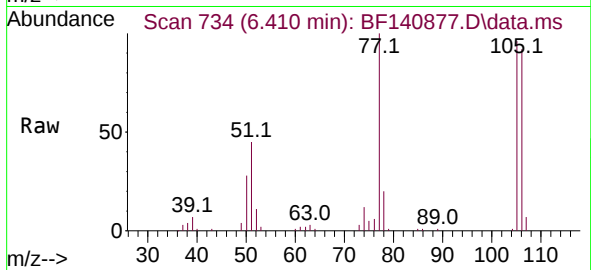
PB165623BSD

Tgt Ion: 77 Resp: 4919
Ion Ratio Lower Upper
77 100
105 96.0 75.8 115.8
106 91.8 74.1 114.1

Manual Integrations

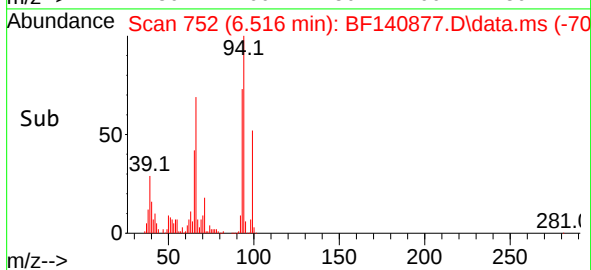
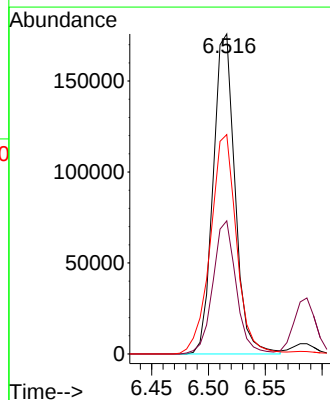
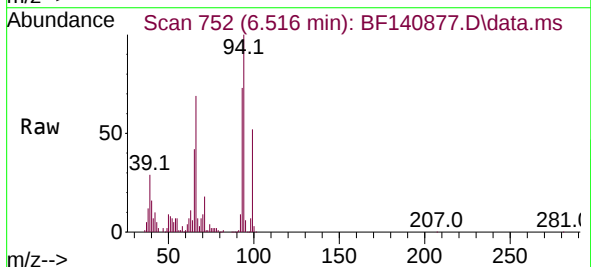
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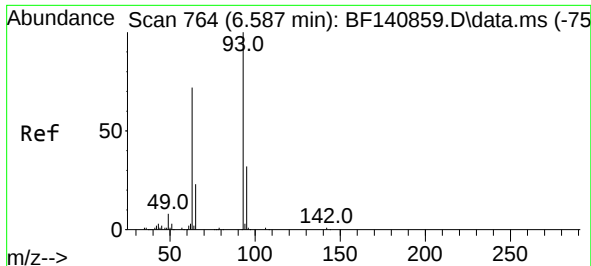
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#10
Phenol
Concen: 51.863 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

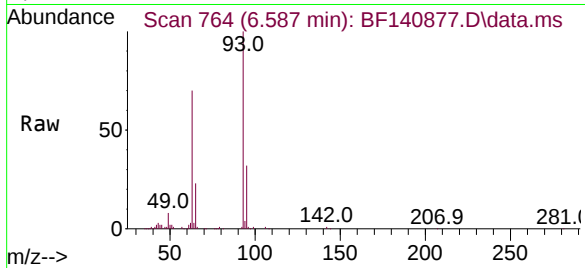
Tgt Ion: 94 Resp: 235623
Ion Ratio Lower Upper
94 100
65 41.6 19.9 59.9
66 68.6 45.6 85.6





#11
bis(2-Chloroethyl)ether
Concen: 51.796 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

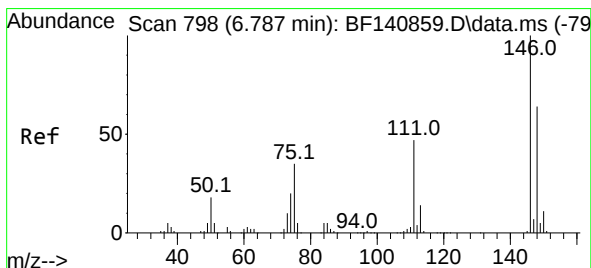
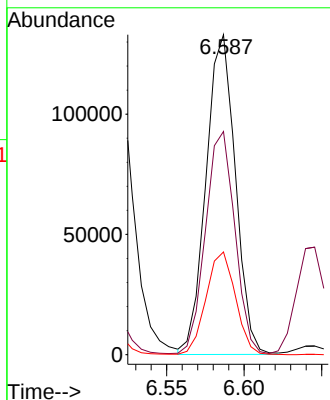
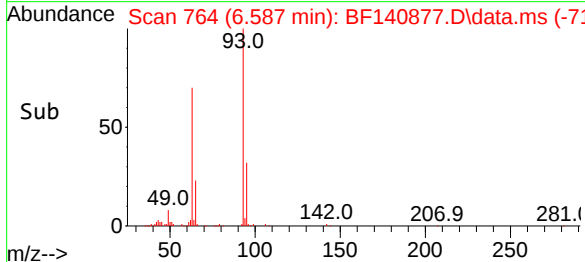
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



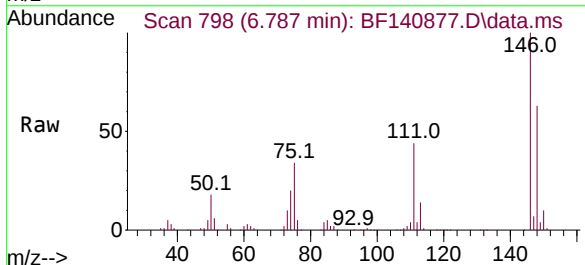
Tgt Ion: 93 Resp: 175492
Ion Ratio Lower Upper
93 100
63 69.7 51.0 91.0
95 32.1 12.0 52.0

Manual Integrations
APPROVED

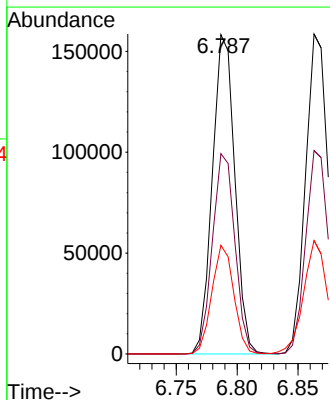
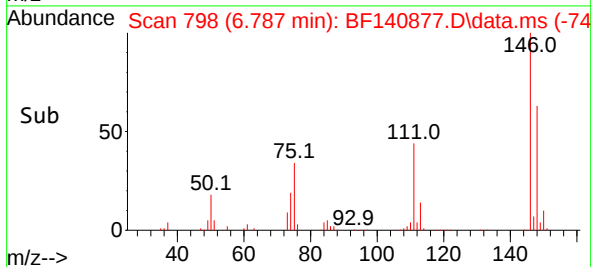
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#12
1,3-Dichlorobenzene
Concen: 49.421 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



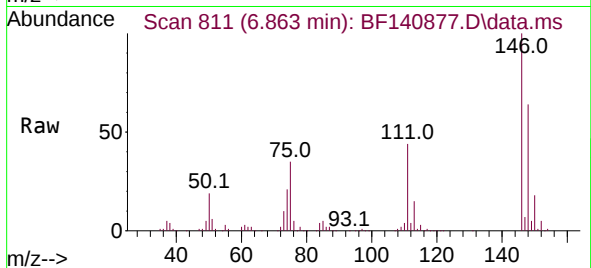
Tgt Ion:146 Resp: 203243
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
75 34.0 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 49.181 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

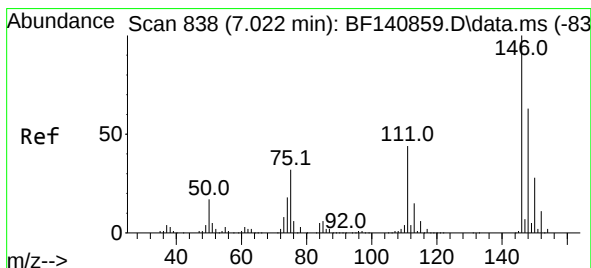
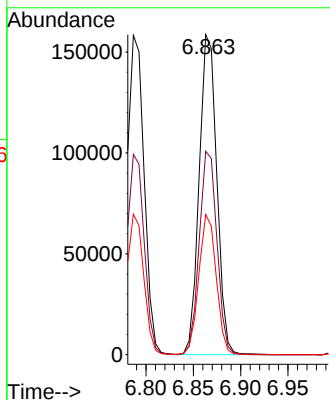
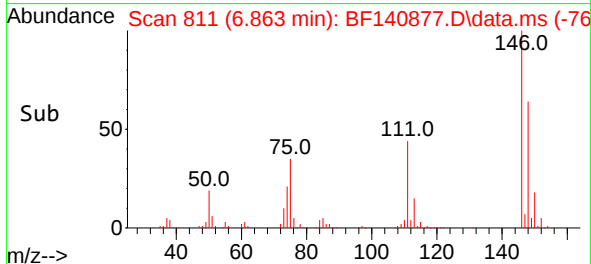
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:146 Resp: 205302
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 43.8 34.4 51.6

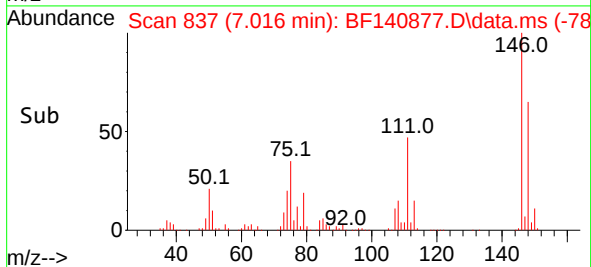
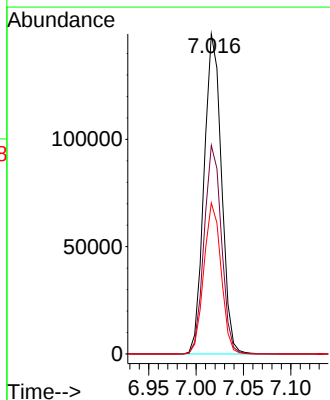
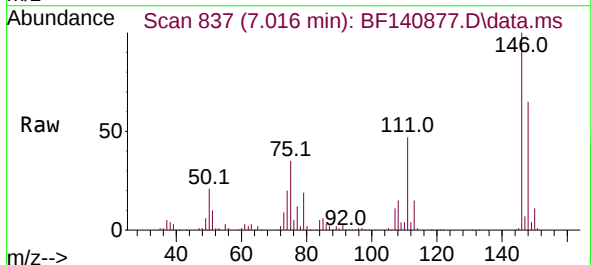
Manual Integrations
APPROVED

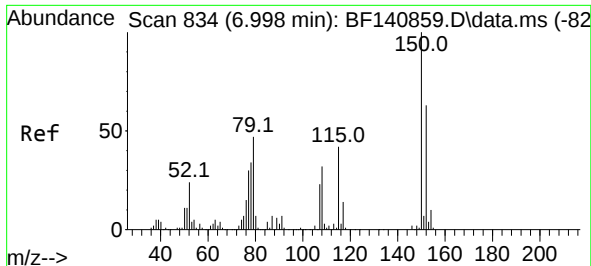
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#14
1,2-Dichlorobenzene
Concen: 48.363 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

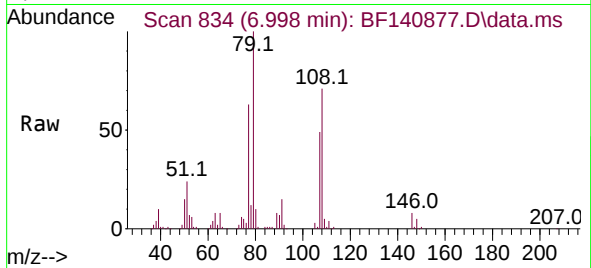
Tgt Ion:146 Resp: 190480
Ion Ratio Lower Upper
146 100
148 65.2 50.0 75.0
111 47.2 35.6 53.4





#15
Benzyl Alcohol
Concen: 54.131 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

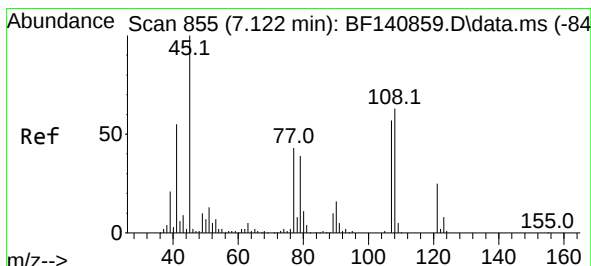
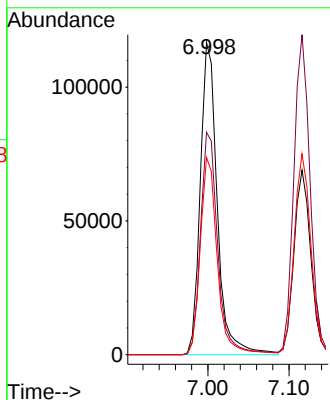
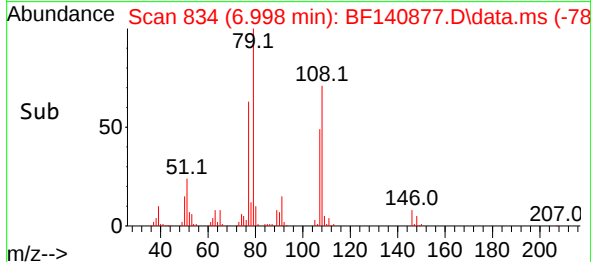
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



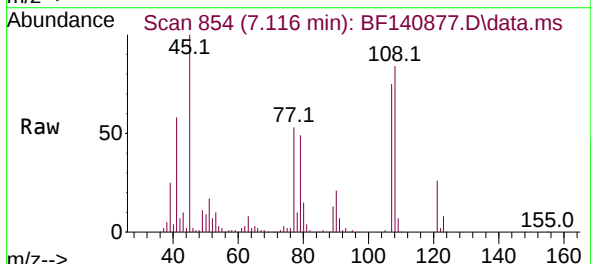
Tgt Ion: 79 Resp: 169658
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 63.2 50.6 76.0

Manual Integrations
APPROVED

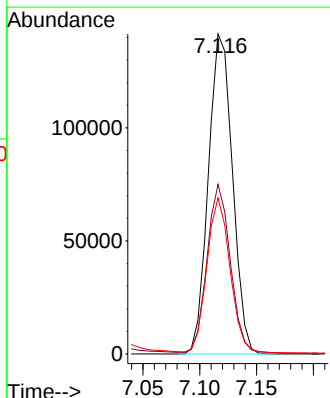
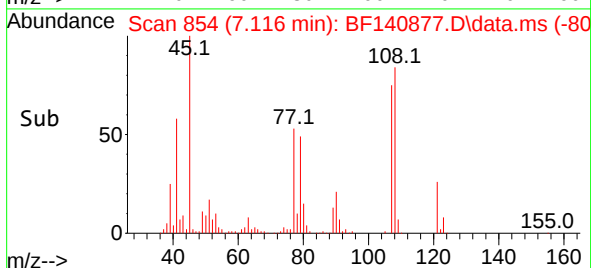
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

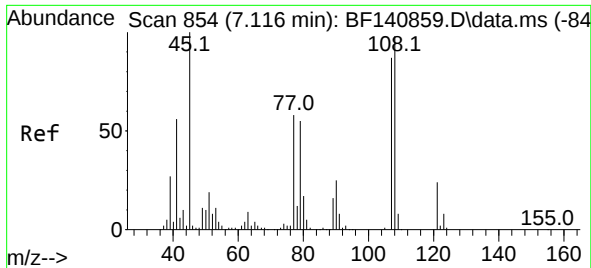


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.352 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



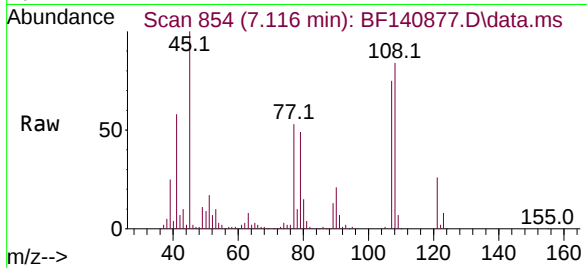
Tgt Ion: 45 Resp: 208951
Ion Ratio Lower Upper
45 100
77 53.0 23.3 63.3
79 48.8 20.0 60.0





#17
2-Methylphenol
Concen: 51.224 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

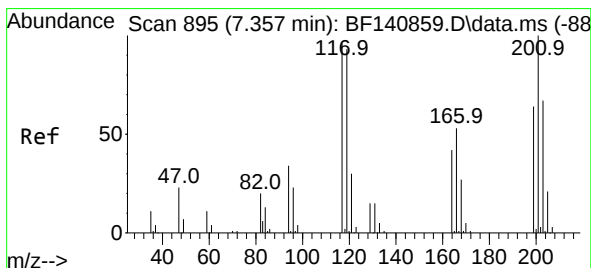
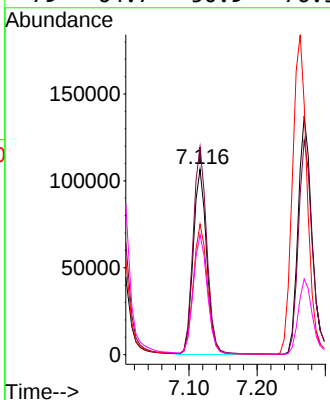
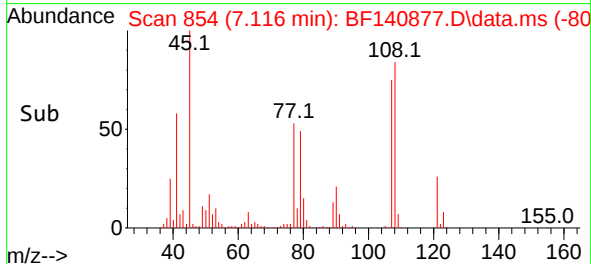
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



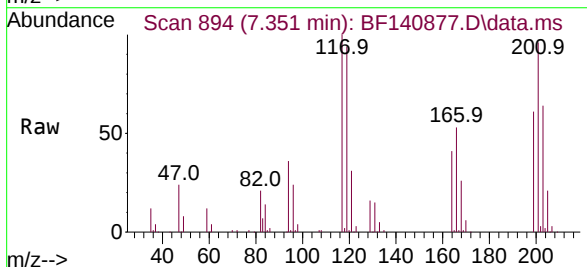
Tgt Ion:107 Resp: 14759
Ion Ratio Lower Upper
107 100
108 112.0 90.2 135.4
77 70.3 53.8 80.6
79 64.7 50.9 76.3

Manual Integrations
APPROVED

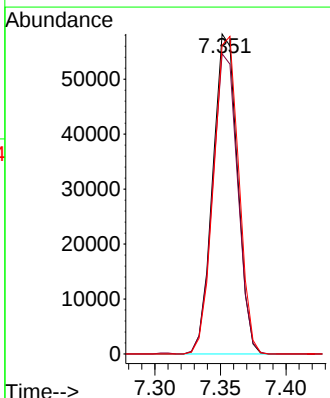
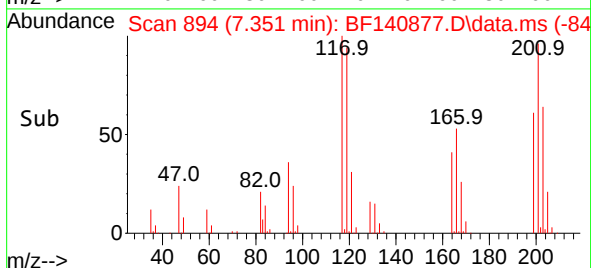
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

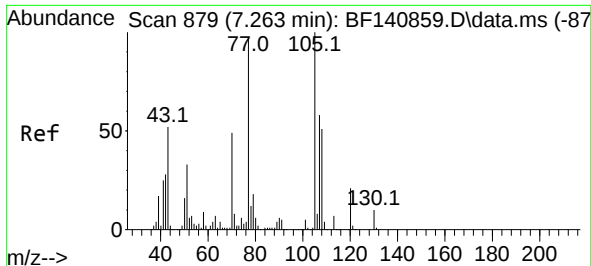


#18
Hexachloroethane
Concen: 49.139 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:117 Resp: 76364
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.0
201 96.5 83.4 125.0





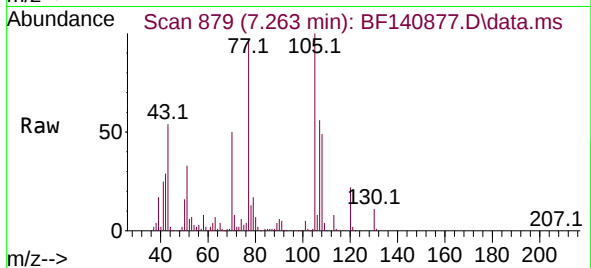
#19
n-Nitroso-di-n-propylamine
Concen: 51.217 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



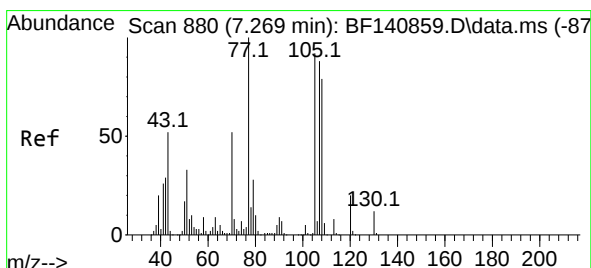
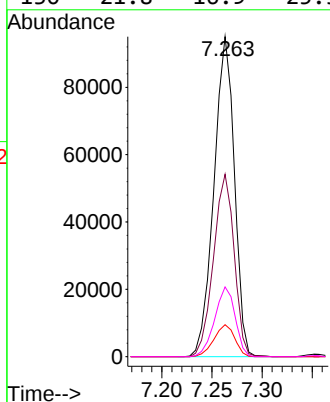
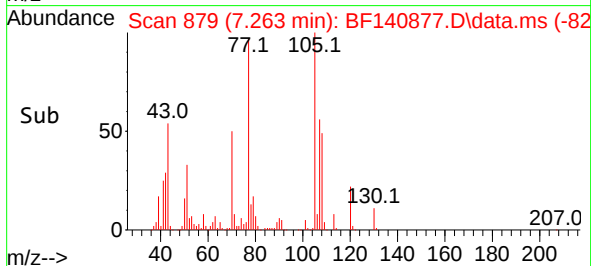
Tgt Ion: 70 Resp: 13467
Ion Ratio Lower Upper
70 100
42 57.0 45.3 67.9
101 10.0 8.0 12.0
130 21.8 16.9 25.3

Manual Integrations

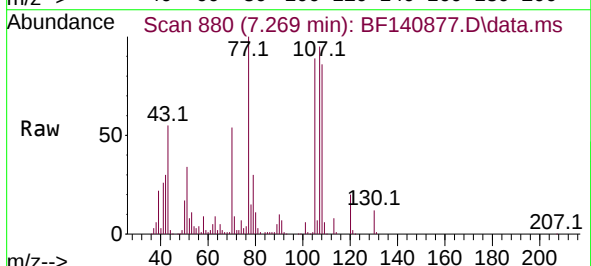
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

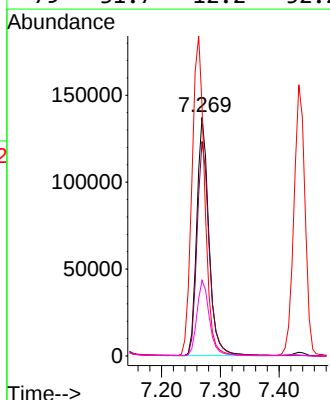
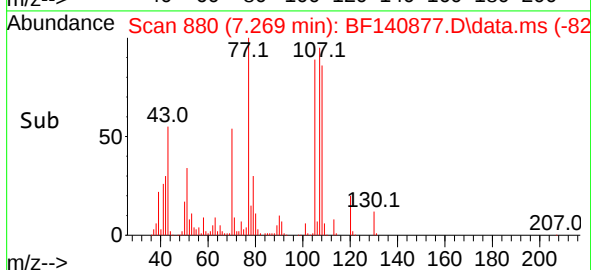
Supervised By :mohammad ahmed 12/18/2024

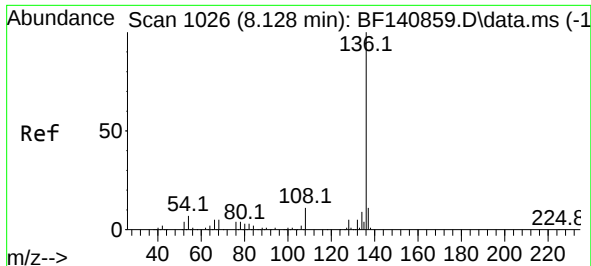


#20
3+4-Methylphenols
Concen: 51.359 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:107 Resp: 196232
Ion Ratio Lower Upper
107 100
108 90.0 70.1 110.1
77 105.0 94.4 134.4
79 31.7 12.2 52.2





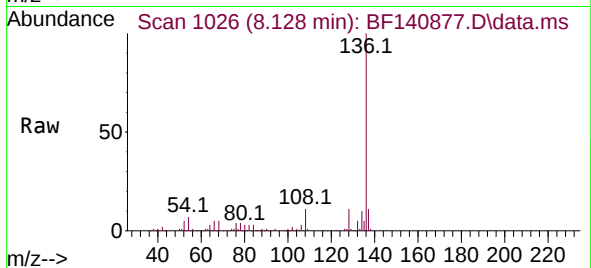
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



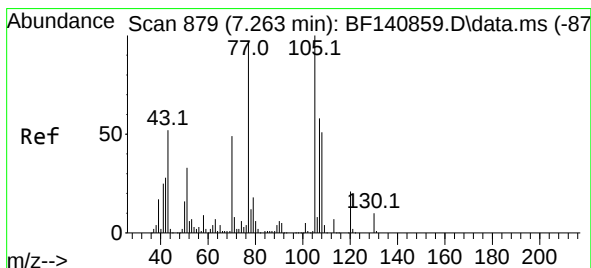
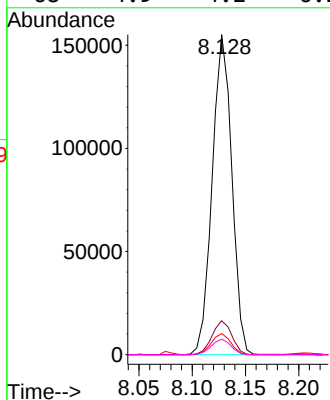
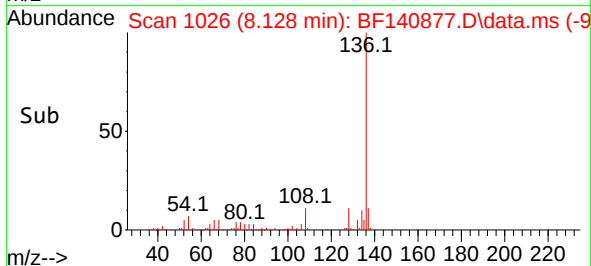
Tgt Ion:	136	Resp:	19842
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.4
54	6.6	5.6	8.4
68	4.9	4.2	6.2

Manual Integrations

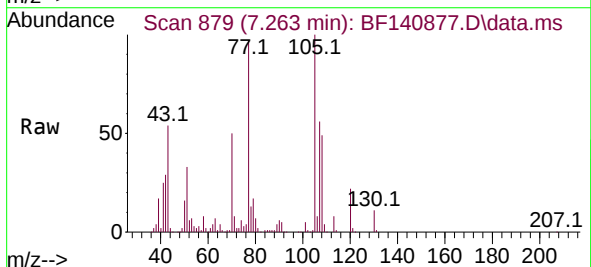
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

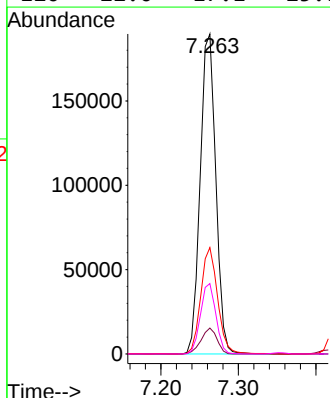
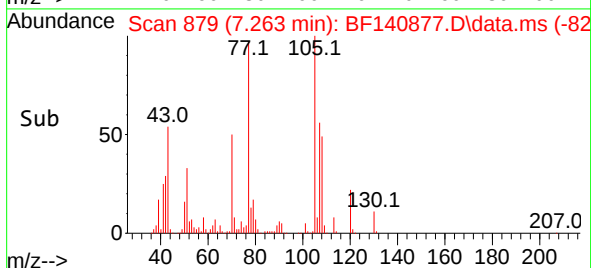
Supervised By :mohammad ahmed 12/18/2024

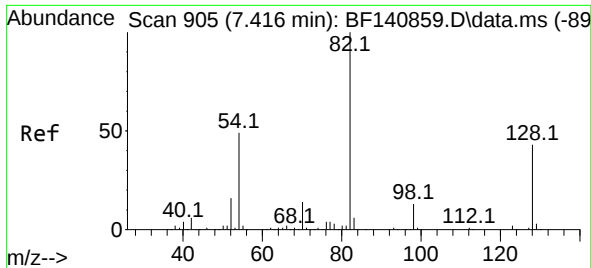


#22
Acetophenone
Concen: 53.378 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:	105	Resp:	264952
Ion Ratio	Lower	Upper	
105	100		
71	8.1	6.2	9.4
51	33.2	26.3	39.5
120	22.0	17.1	25.7





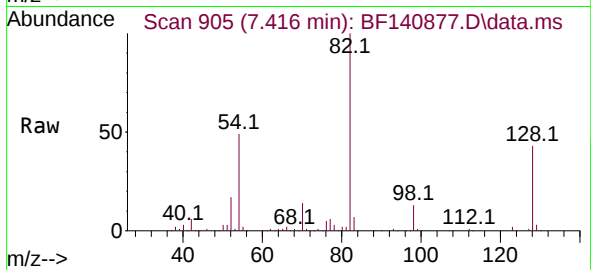
#23
Nitrobenzene-d5
Concen: 103.260 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

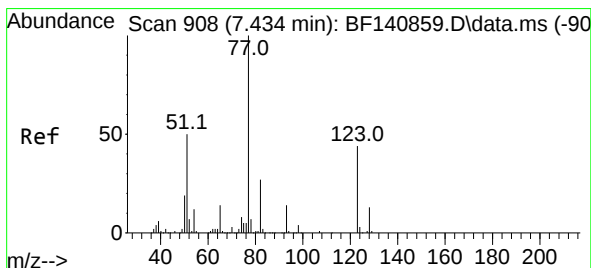
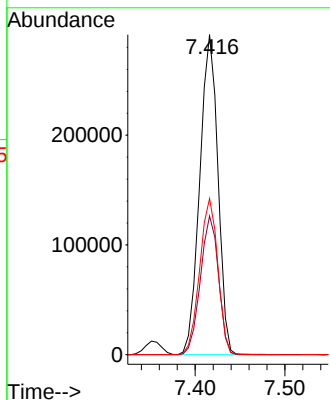
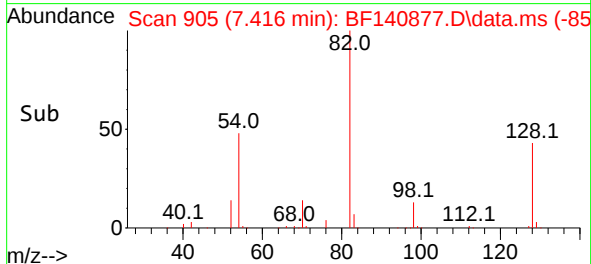


Tgt Ion: 82 Resp: 409532
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 48.8 38.8 58.2

Manual Integrations

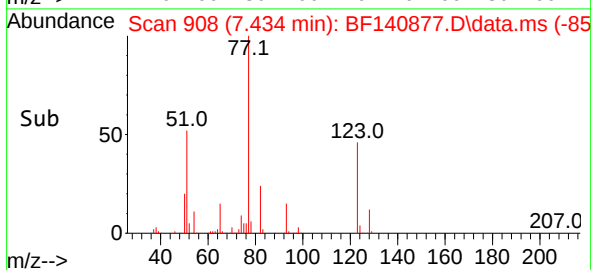
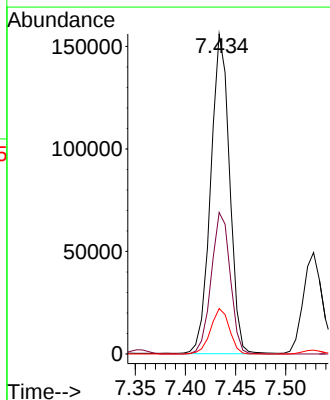
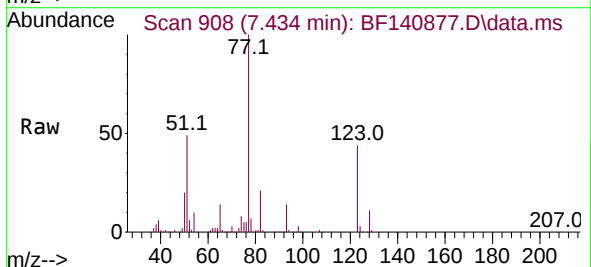
APPROVED

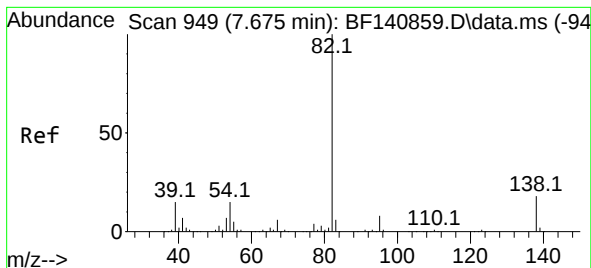
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#24
Nitrobenzene
Concen: 50.281 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 77 Resp: 204296
Ion Ratio Lower Upper
77 100
123 44.2 35.0 52.4
65 14.2 11.4 17.0





#25

Isophorone

Concen: 54.100 ng

RT: 7.675 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion: 82 Resp: 35951

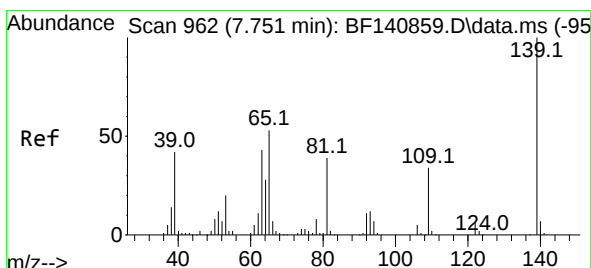
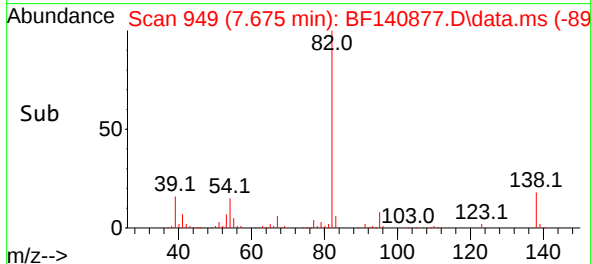
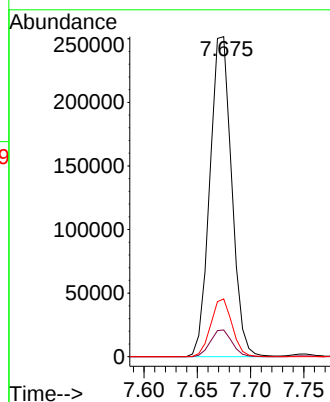
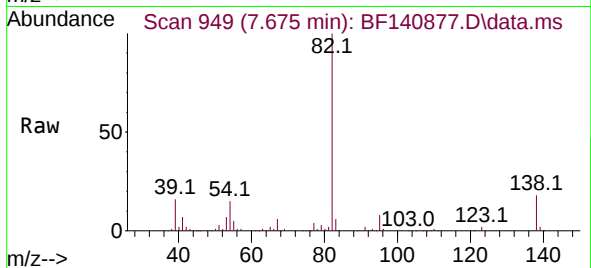
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	18.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#26

2-Nitrophenol

Concen: 53.456 ng

RT: 7.751 min Scan# 962

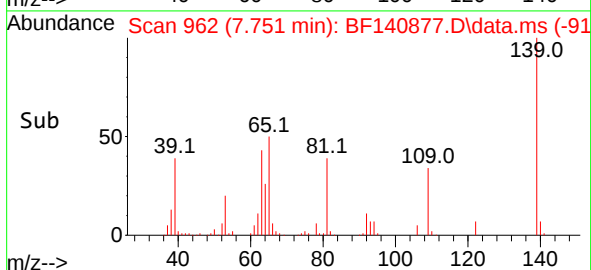
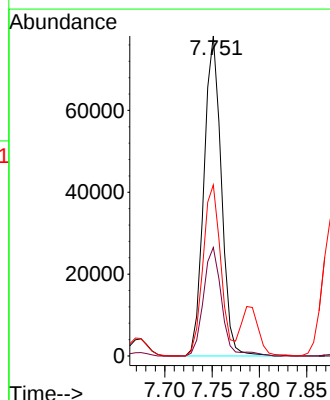
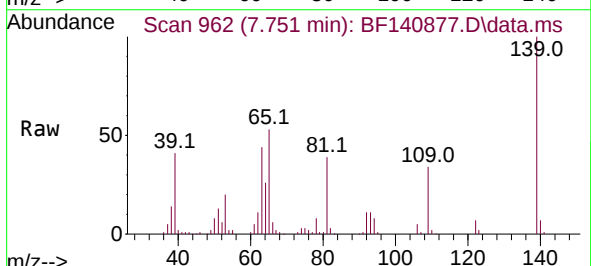
Delta R.T. -0.000 min

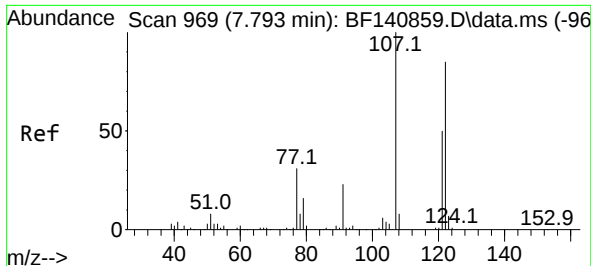
Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:139 Resp: 100033

Ion	Ratio	Lower	Upper
139	100		
109	33.9	26.9	40.3
65	53.5	42.6	64.0





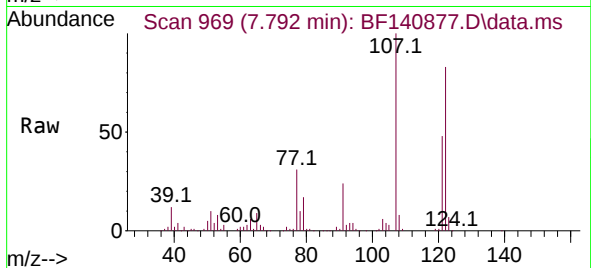
#27
2,4-Dimethylphenol
Concen: 63.591 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



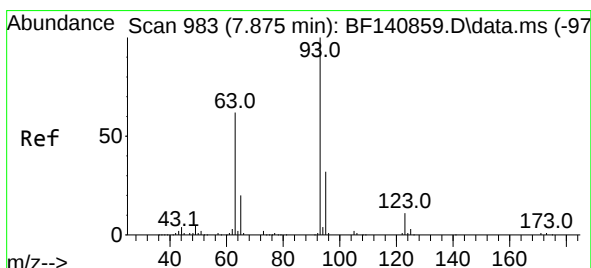
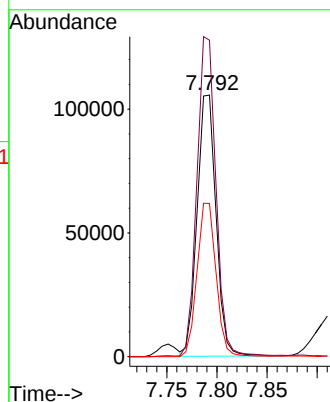
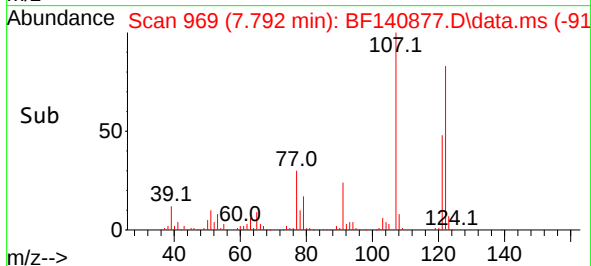
Tgt Ion:122 Resp: 138972
Ion Ratio Lower Upper
122 100
107 120.9 92.6 139.0
121 58.6 45.8 68.8

Manual Integrations

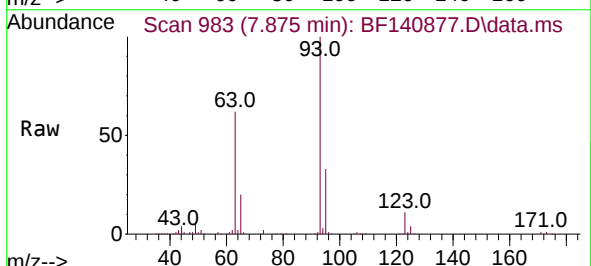
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

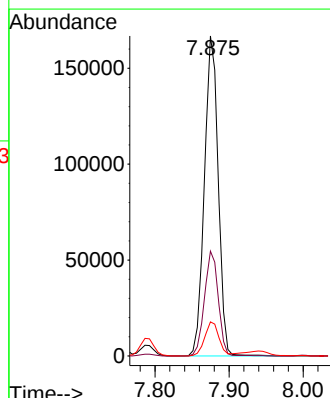
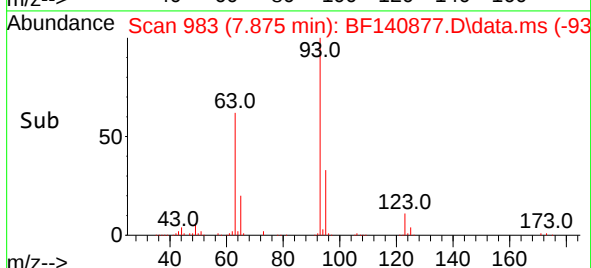
Supervised By :mohammad ahmed 12/18/2024

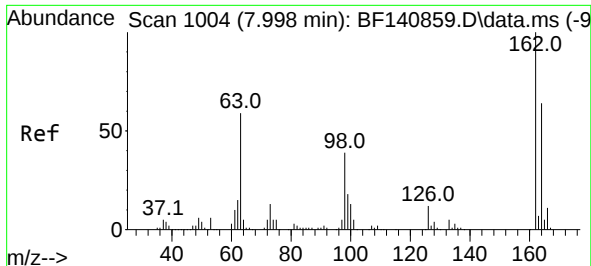


#28
bis(2-Chloroethoxy)methane
Concen: 52.125 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion: 93 Resp: 216344
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.019 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:162 Resp: 15996

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

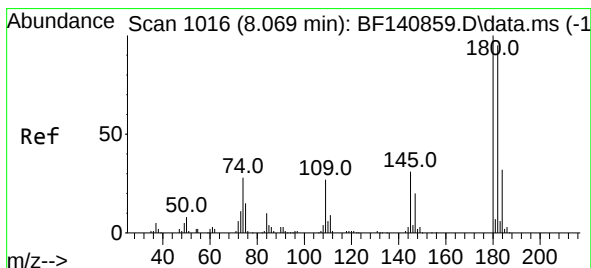
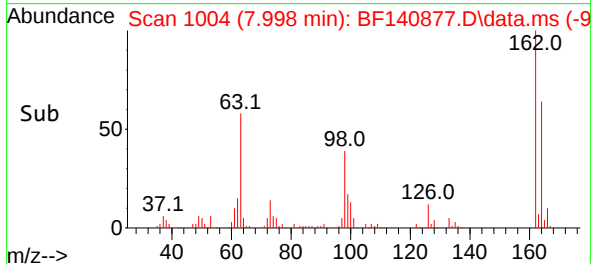
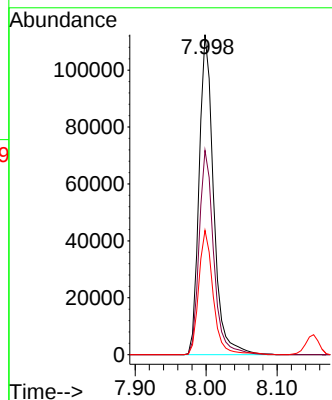
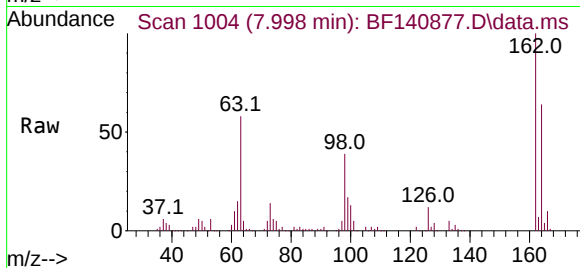
98 38.9 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.757 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

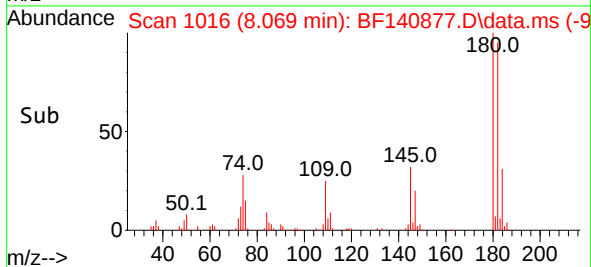
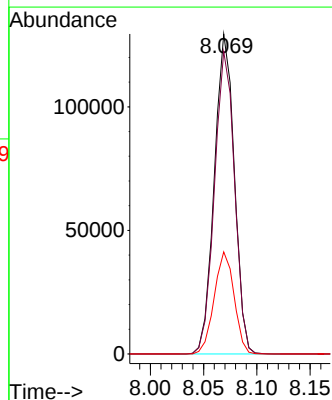
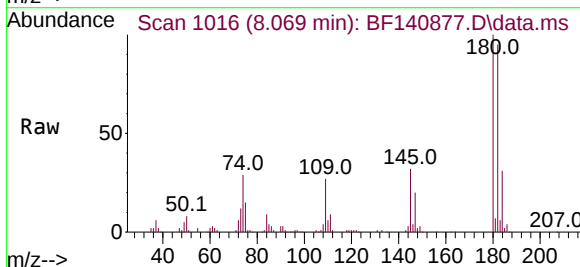
Tgt Ion:180 Resp: 168638

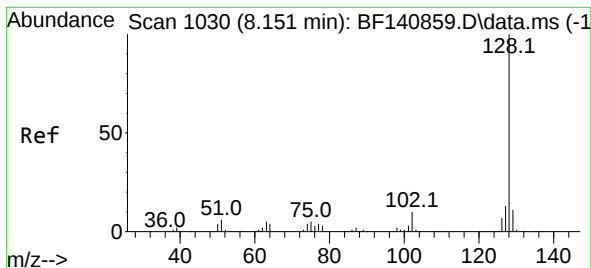
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

145 31.9 25.2 37.8





#31

Naphthalene

Concen: 50.468 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

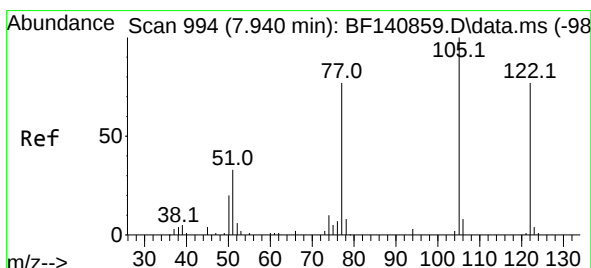
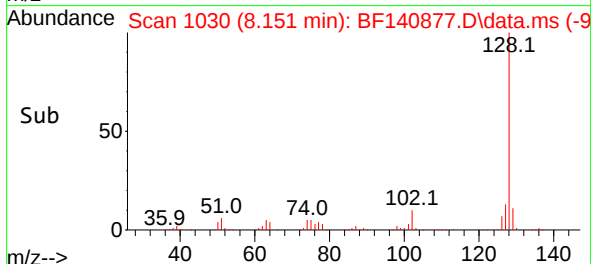
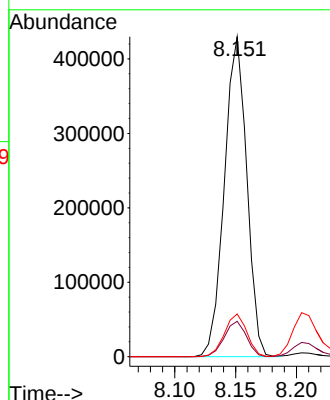
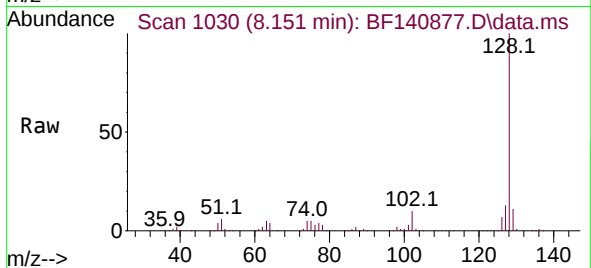
PB165623BSD

Tgt Ion:128 Resp: 55009
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.9 13.3
 127 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024



#32

Benzoic acid

Concen: 44.721 ng

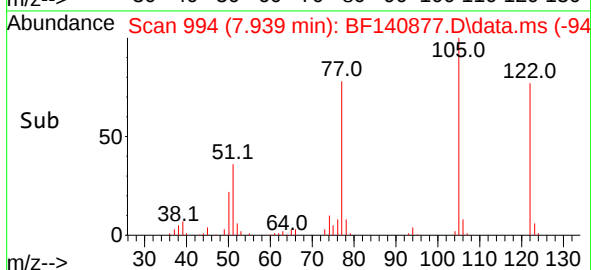
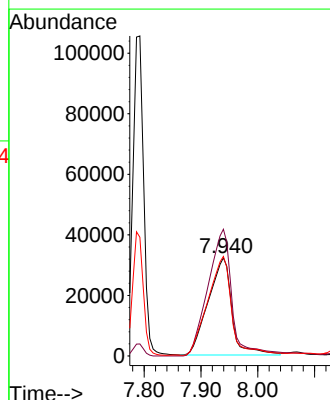
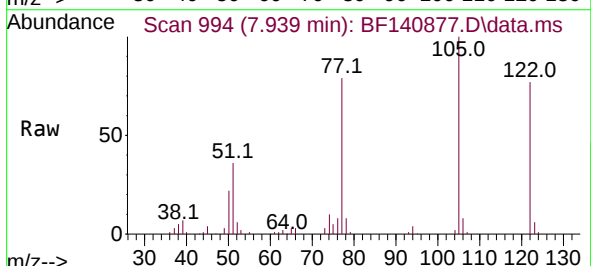
RT: 7.939 min Scan# 994

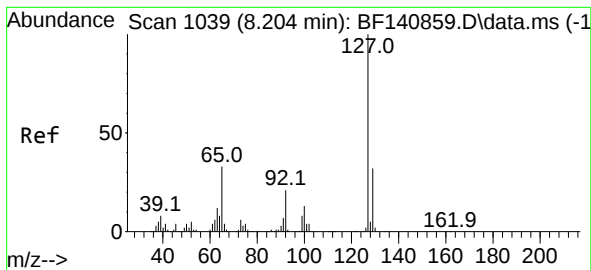
Delta R.T. -0.001 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:122 Resp: 92691
 Ion Ratio Lower Upper
 122 100
 105 129.2 108.3 148.3
 77 101.6 78.8 118.8





#33
4-Chloroaniline
Concen: 26.433 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

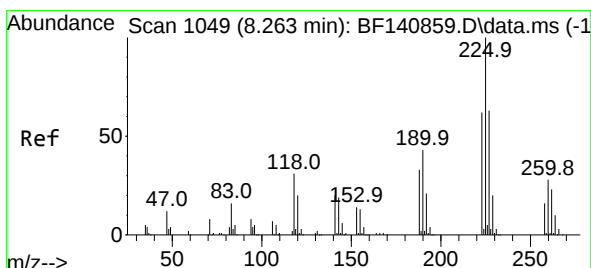
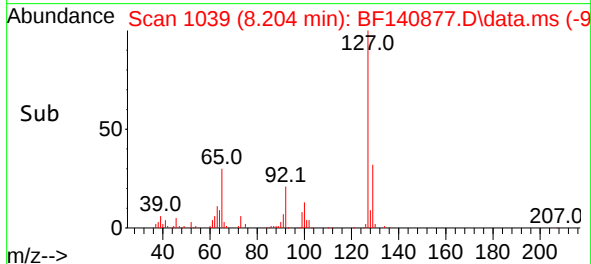
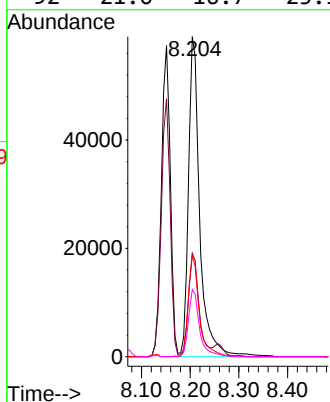
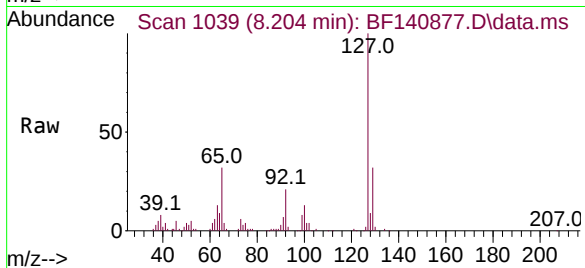
PB165623BSD

Tgt Ion:127 Resp: 95690
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 31.6 26.0 39.0
92 21.0 16.7 25.1

Manual Integrations

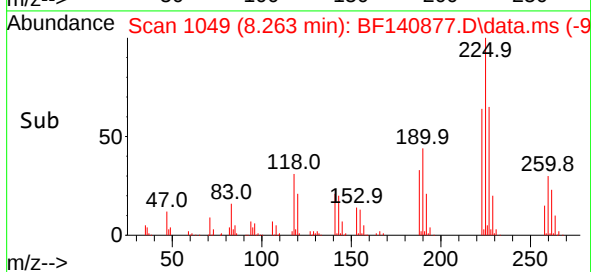
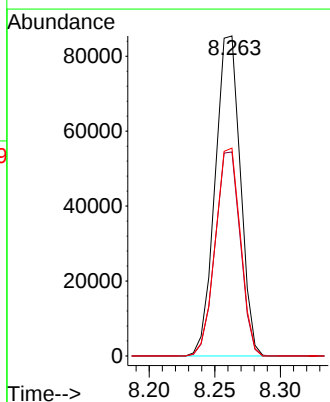
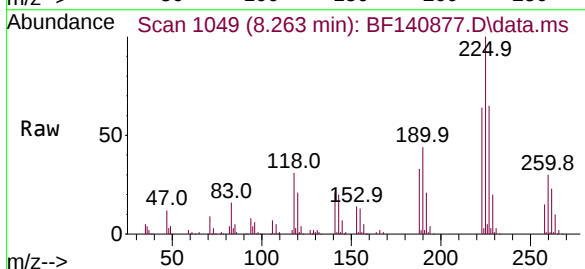
APPROVED

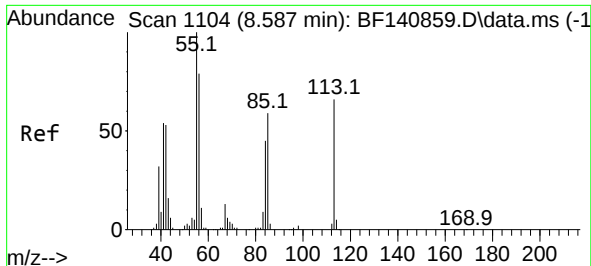
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#34
Hexachlorobutadiene
Concen: 49.049 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:225 Resp: 114140
Ion Ratio Lower Upper
225 100
223 63.8 49.6 74.4
227 65.0 50.7 76.1





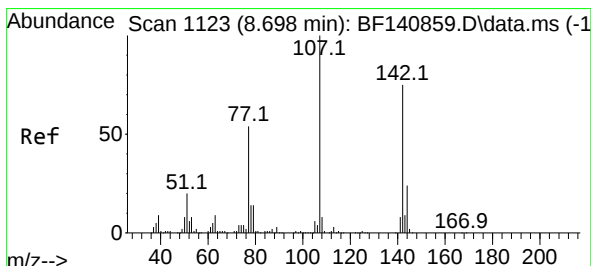
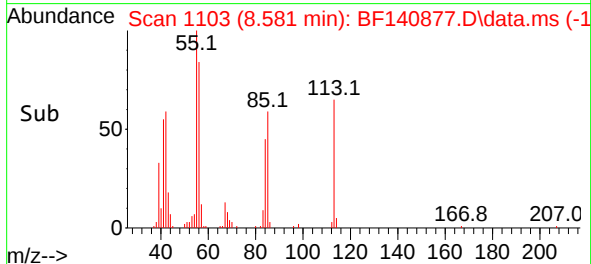
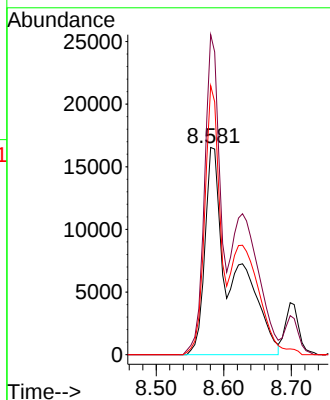
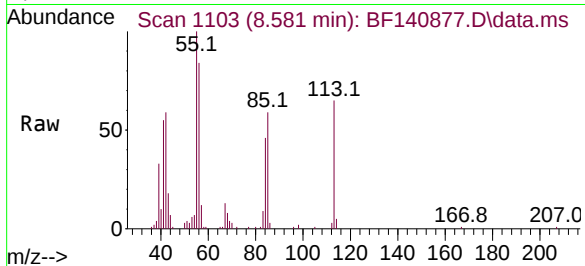
#35
Caprolactam
Concen: 52.512 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:113 Resp: 47168
Ion Ratio Lower Upper
113 100
55 154.4 132.3 172.3
56 129.7 100.3 140.3

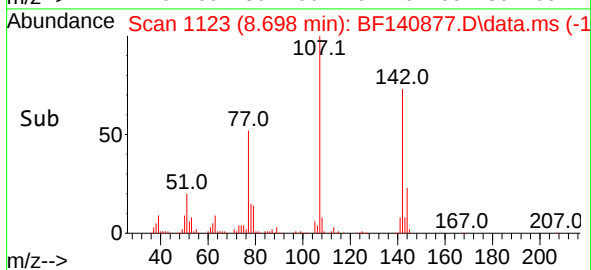
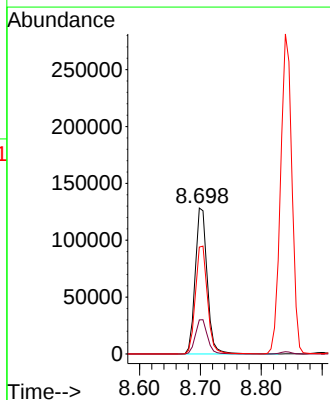
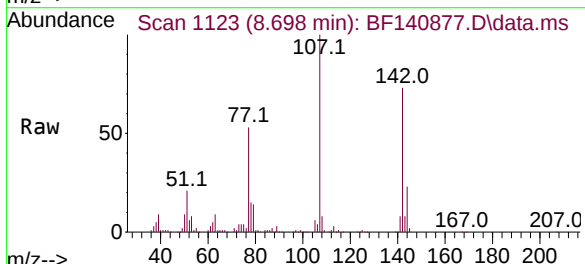
Manual Integrations
APPROVED

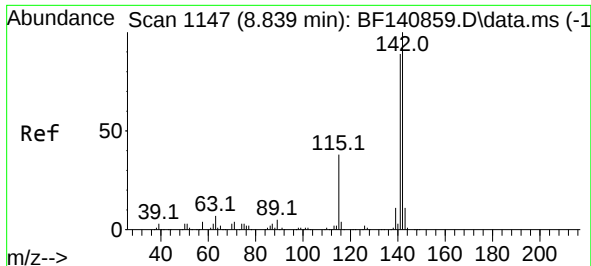
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#36
4-Chloro-3-methylphenol
Concen: 51.771 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:107 Resp: 175809
Ion Ratio Lower Upper
107 100
144 23.3 19.4 29.2
142 73.3 60.3 90.5





#37
2-Methylnaphthalene
Concen: 50.489 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

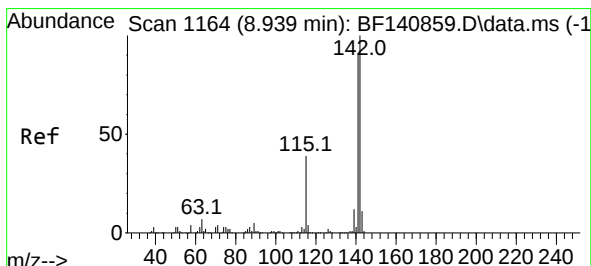
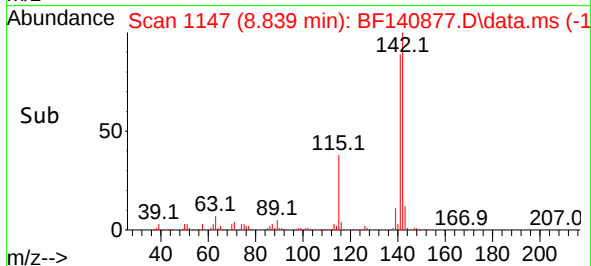
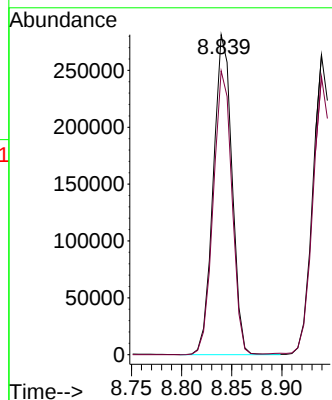
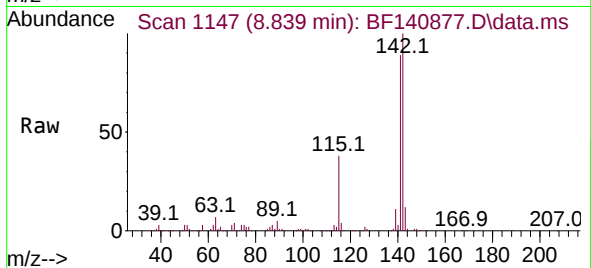
PB165623BSD

Tgt Ion:142 Resp: 364035
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

Manual Integrations

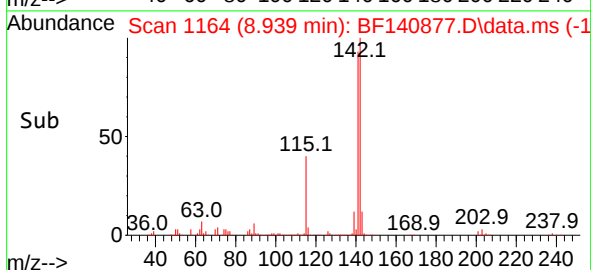
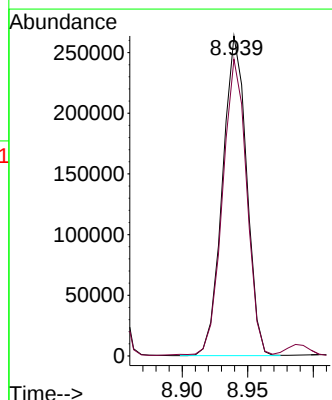
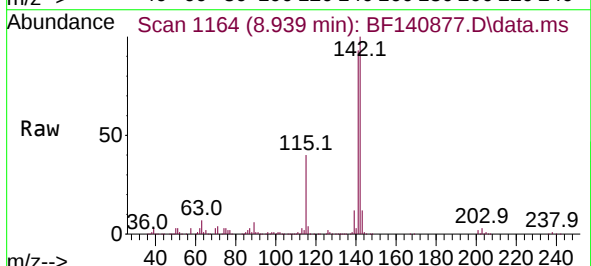
APPROVED

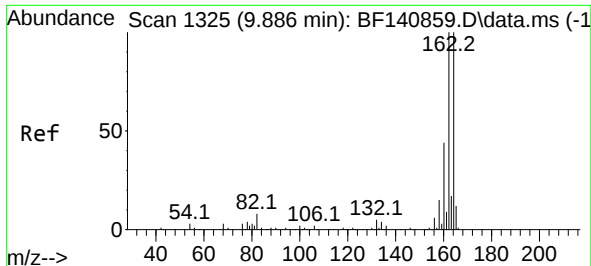
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#38
1-Methylnaphthalene
Concen: 47.058 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:142 Resp: 335559
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0





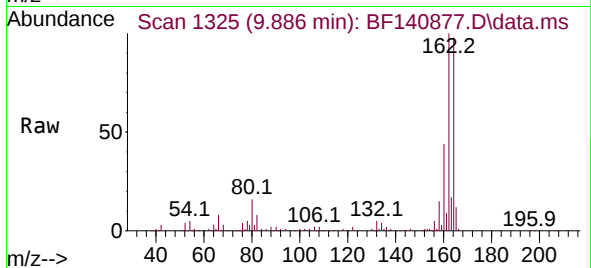
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



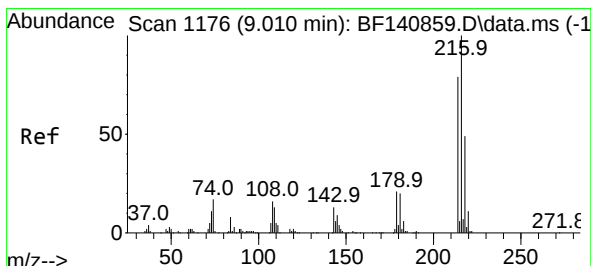
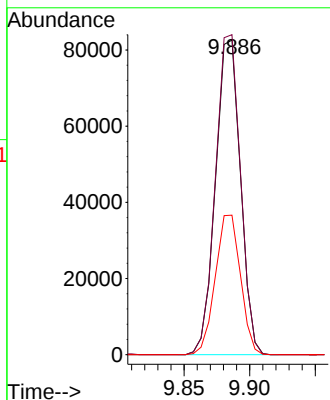
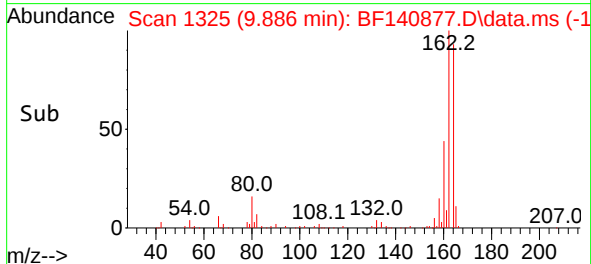
Tgt Ion:164 Resp: 109384
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 44.3 35.2 52.8

Manual Integrations

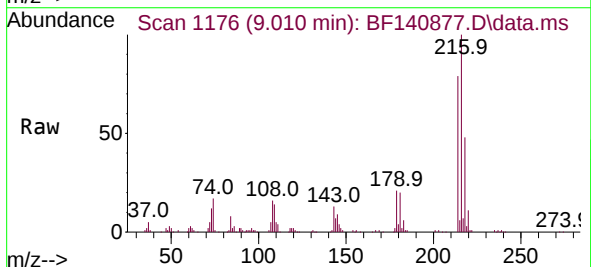
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

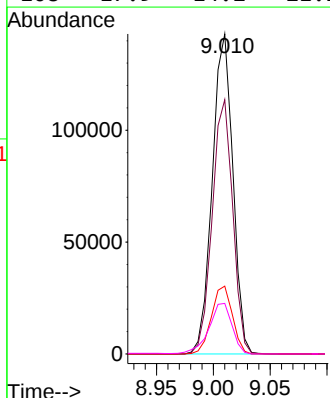
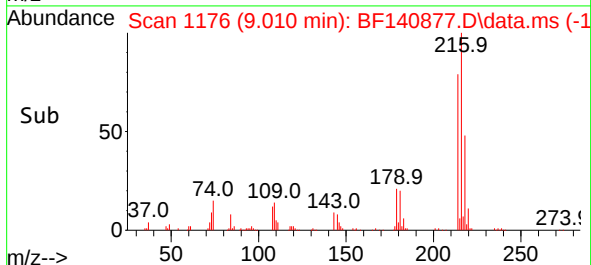
Supervised By :mohammad ahmed 12/18/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.653 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:216 Resp: 180385
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.6 17.0 25.4
108 17.9 14.2 21.2





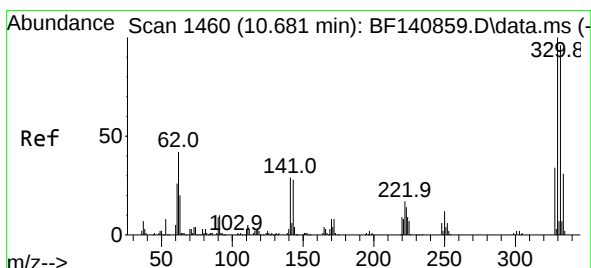
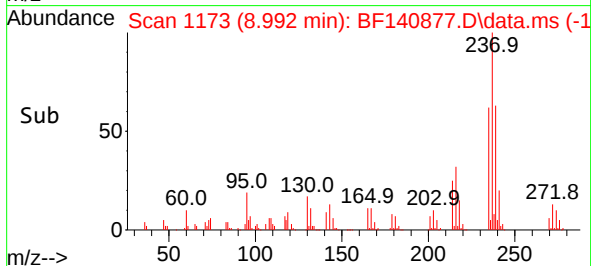
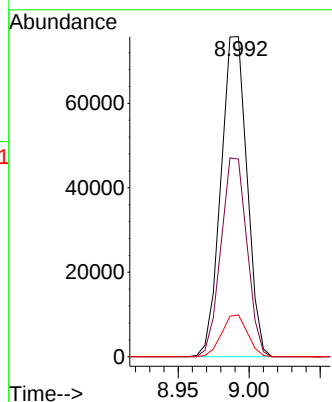
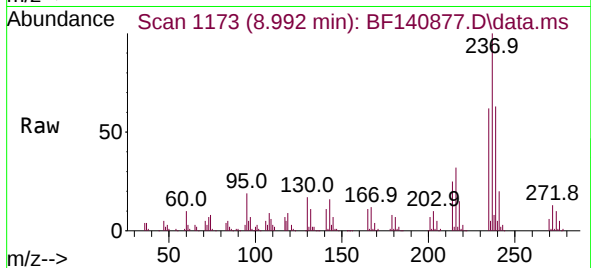
#41
Hexachlorocyclopentadiene
Concen: 80.007 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:237 Resp: 9680
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 13.0 0.0 32.9

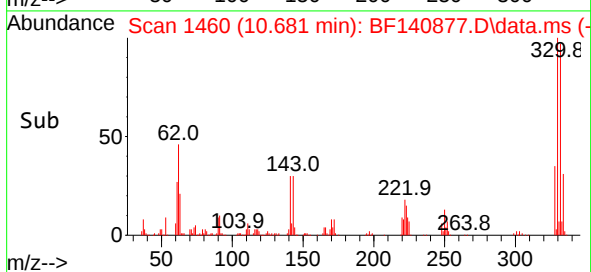
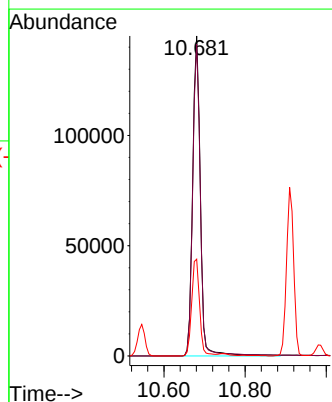
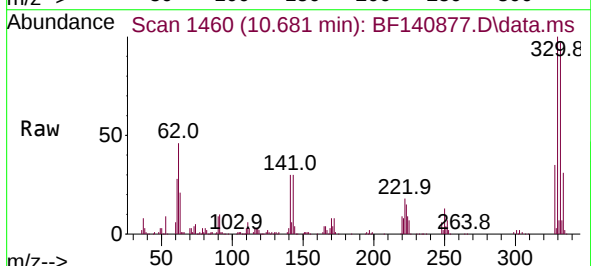
Manual Integrations
APPROVED

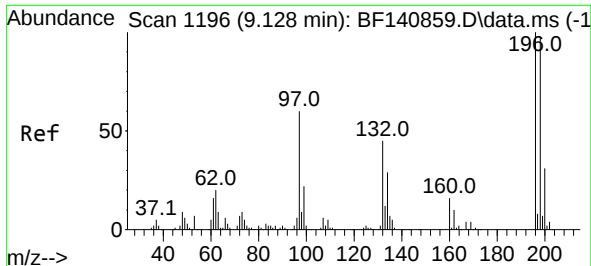
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#42
2,4,6-Tribromophenol
Concen: 147.990 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

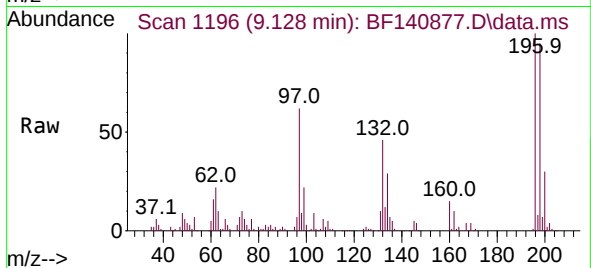
Tgt Ion:330 Resp: 191455
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 31.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 51.912 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

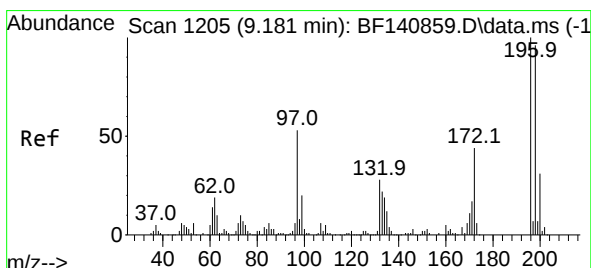
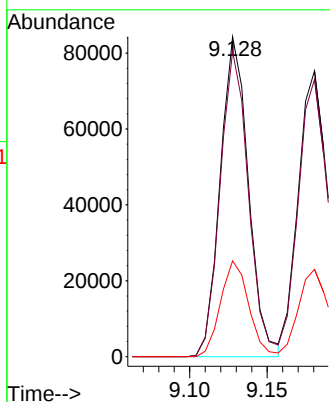
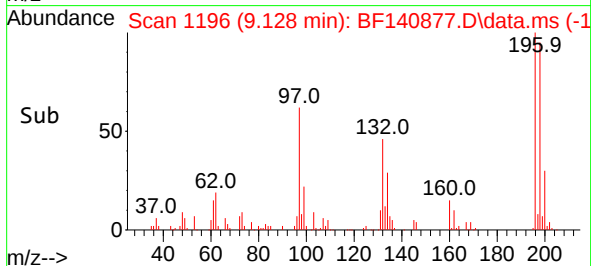
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



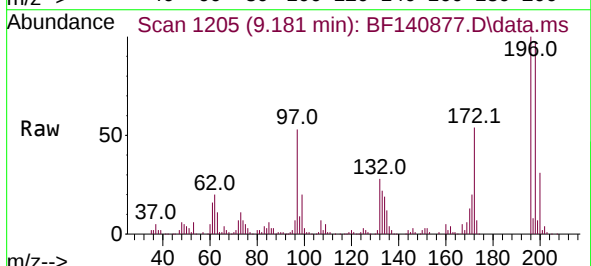
Tgt Ion:196 Resp: 106870
Ion Ratio Lower Upper
196 100
198 95.5 77.4 116.0
200 29.9 24.5 36.7

Manual Integrations
APPROVED

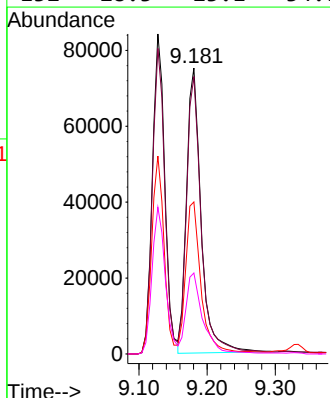
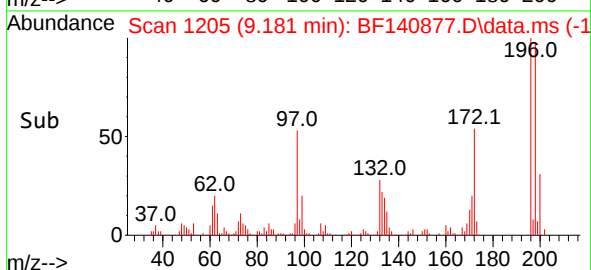
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

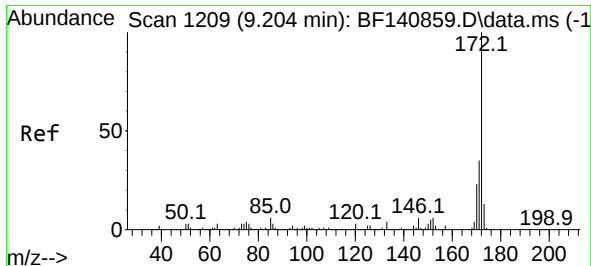


#44
2,4,5-Trichlorophenol
Concen: 49.233 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:196 Resp: 111401
Ion Ratio Lower Upper
196 100
198 97.0 77.2 115.8
97 53.2 42.2 63.4
132 28.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 103.651 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:172 Resp: 824652

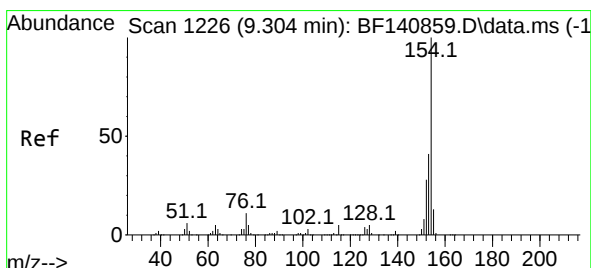
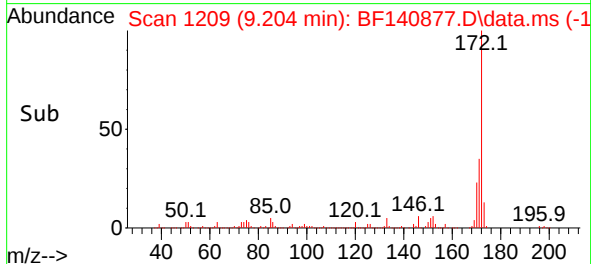
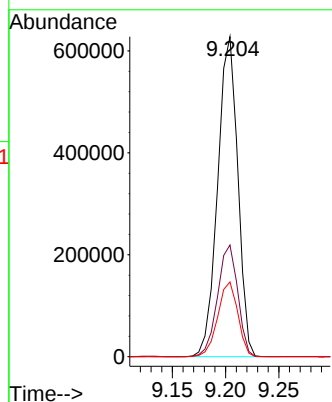
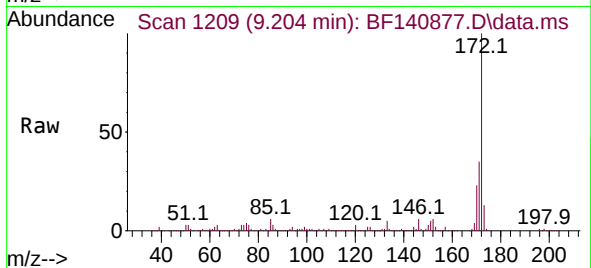
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.4	42.6
170	23.4	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#46

1,1'-Biphenyl

Concen: 52.831 ng

RT: 9.304 min Scan# 1226

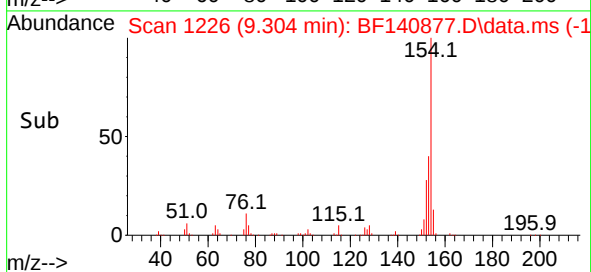
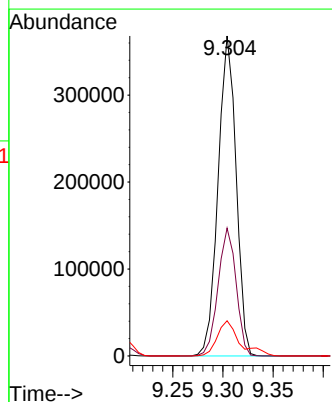
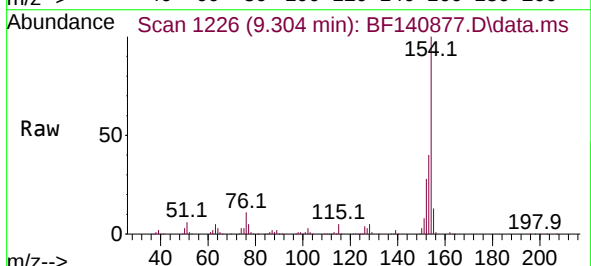
Delta R.T. -0.000 min

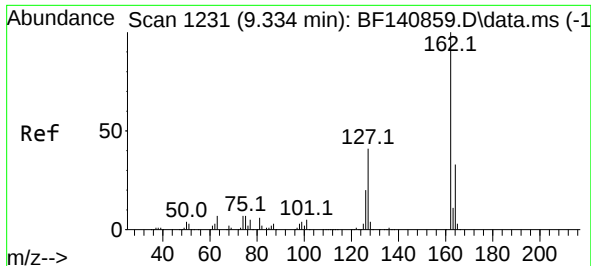
Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:154 Resp: 459523

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.8	60.8
76	11.0	0.0	31.0





#47
2-Chloronaphthalene
Concen: 51.350 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

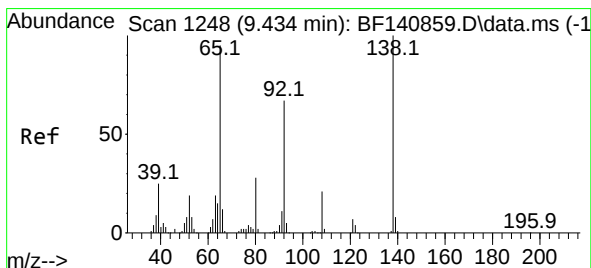
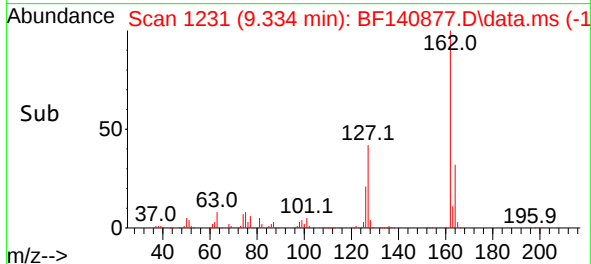
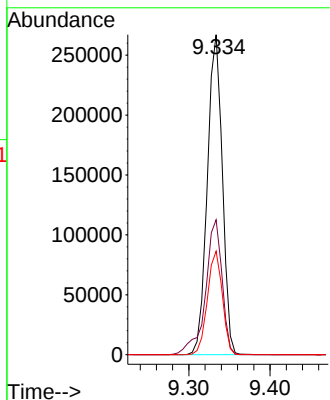
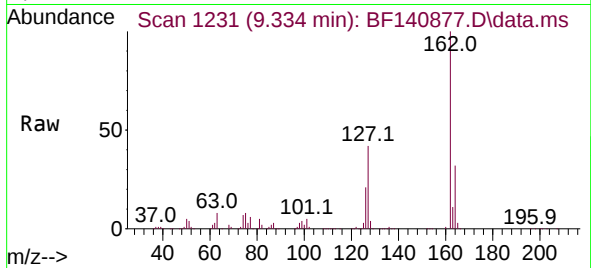
ClientSampleId :

PB165623BSD

Tgt Ion:162 Resp: 341689
Ion Ratio Lower Upper
162 100
127 42.1 33.5 50.3
164 32.3 26.2 39.2

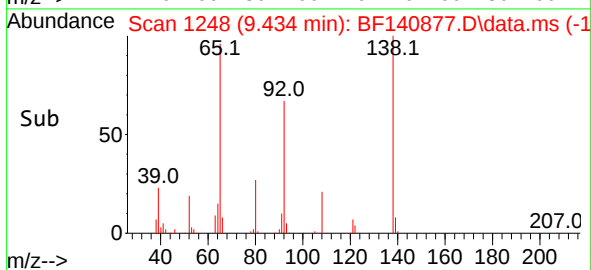
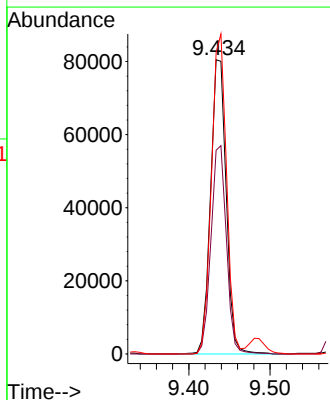
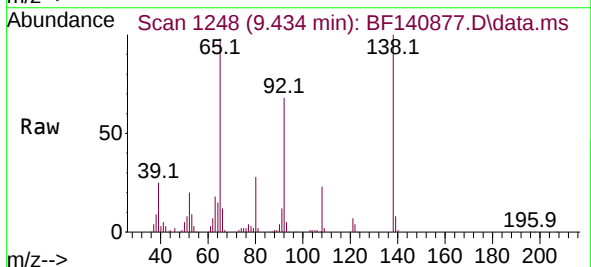
Manual Integrations
APPROVED

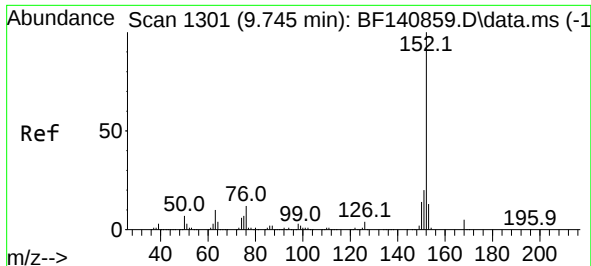
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#48
2-Nitroaniline
Concen: 53.514 ng
RT: 9.434 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion: 65 Resp: 107544
Ion Ratio Lower Upper
65 100
92 69.2 56.3 84.5
138 102.4 83.8 125.6





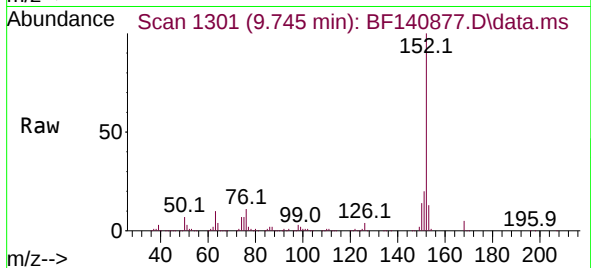
#49
Acenaphthylene
Concen: 55.339 ng
RT: 9.745 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



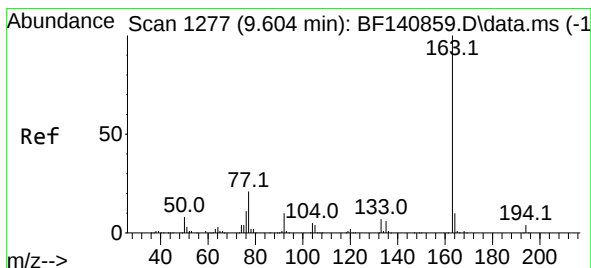
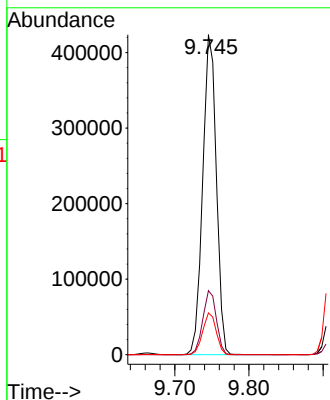
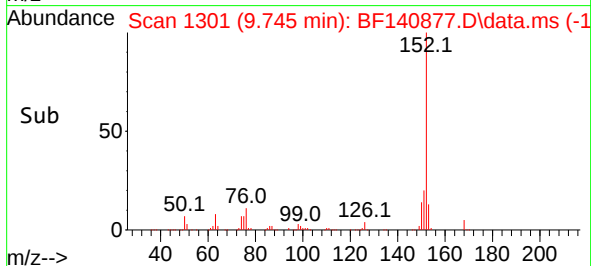
Tgt Ion:152 Resp: 541139
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.6 16.0

Manual Integrations

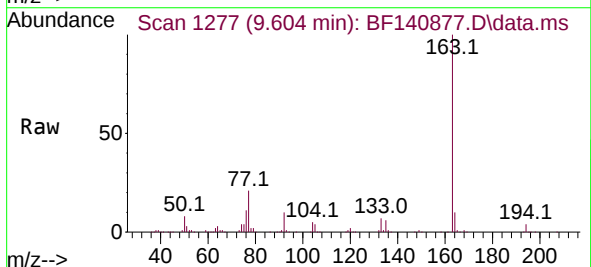
APPROVED

Reviewed By :Yogesh Patel 12/18/2024

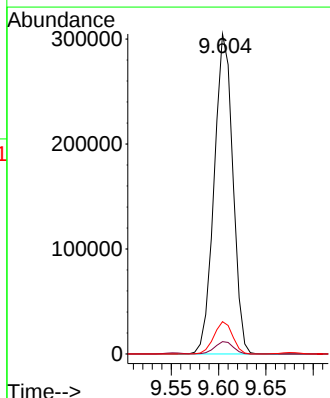
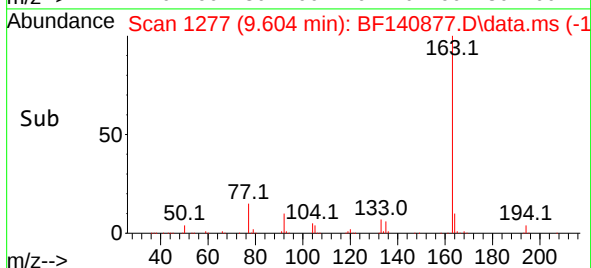
Supervised By :mohammad ahmed 12/18/2024

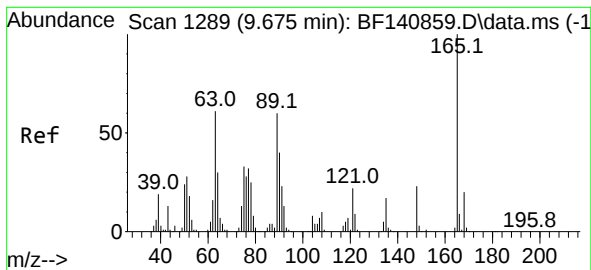


#50
Dimethylphthalate
Concen: 54.241 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



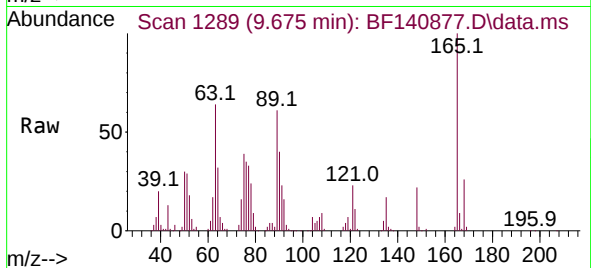
Tgt Ion:163 Resp: 418300
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.852 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

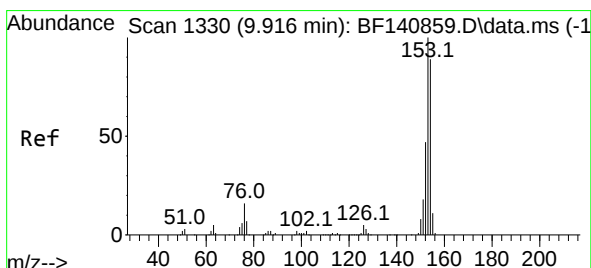
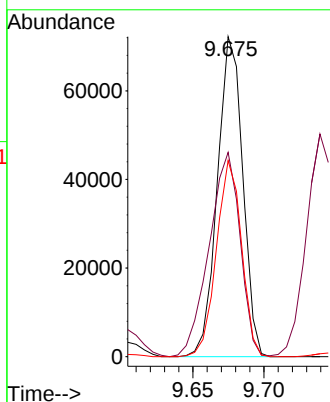
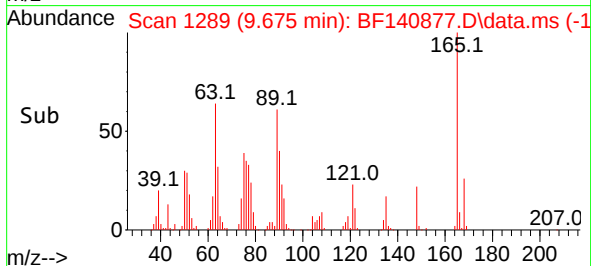
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



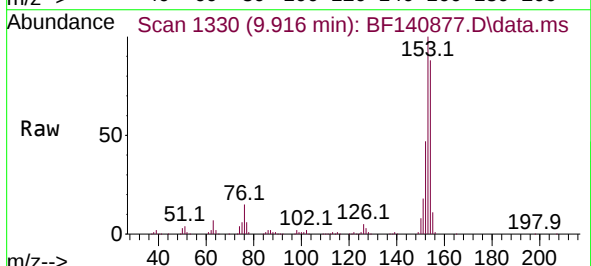
Tgt Ion:165 Resp: 89652
Ion Ratio Lower Upper
165 100
63 63.8 49.7 74.5
89 61.3 48.2 72.4

Manual Integrations
APPROVED

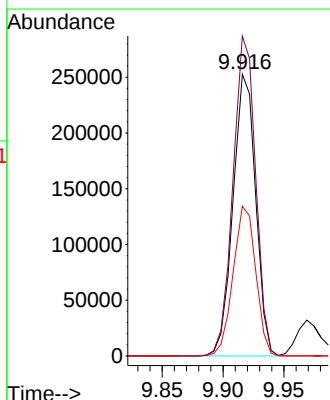
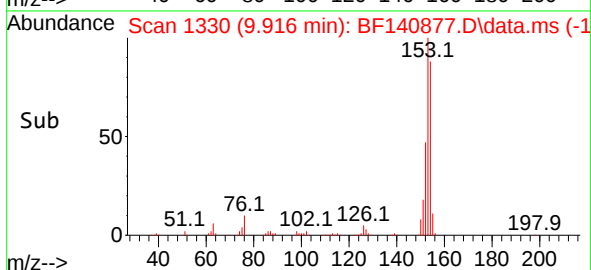
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

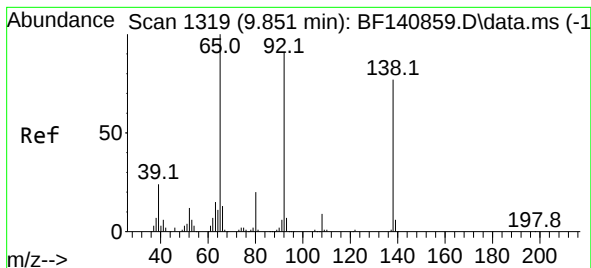


#52
Acenaphthene
Concen: 52.391 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:154 Resp: 327255
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 53.2 42.6 63.8





#53
3-Nitroaniline
Concen: 34.227 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

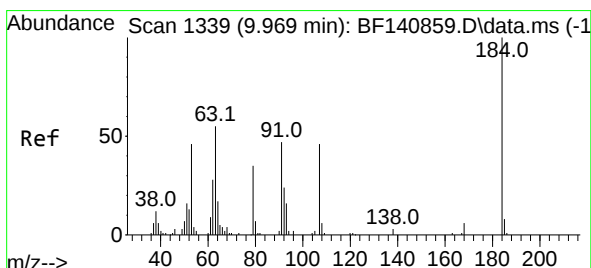
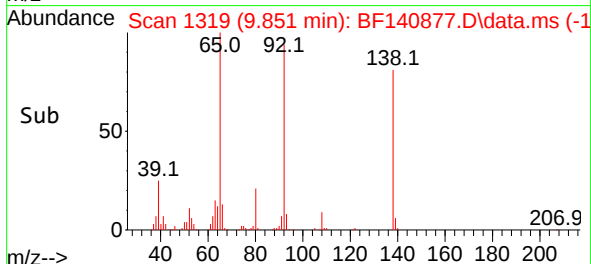
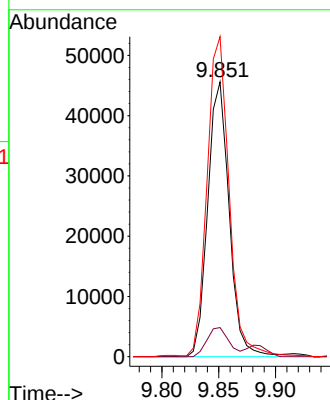
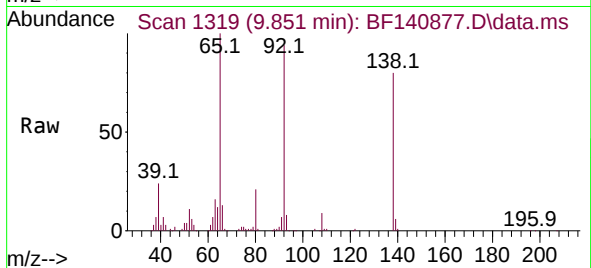
PB165623BSD

Tgt Ion:138 Resp: 5988
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 116.5 95.5 143.3

Manual Integrations

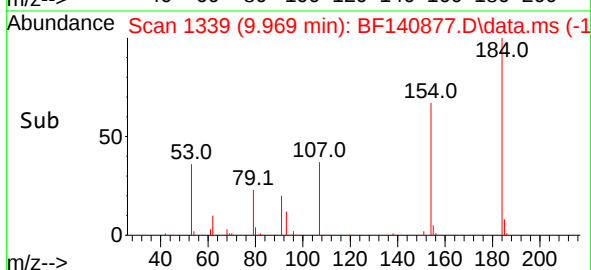
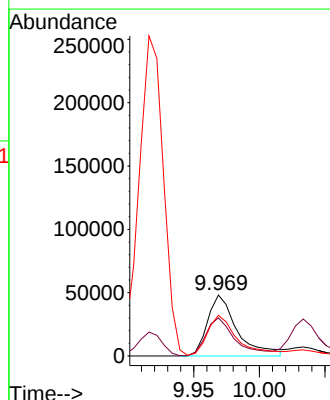
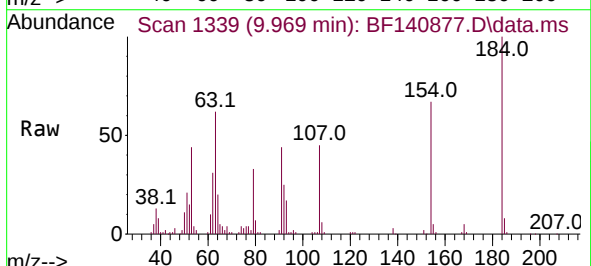
APPROVED

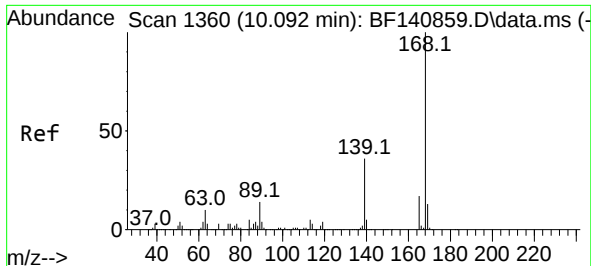
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#54
2,4-Dinitrophenol
Concen: 87.117 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

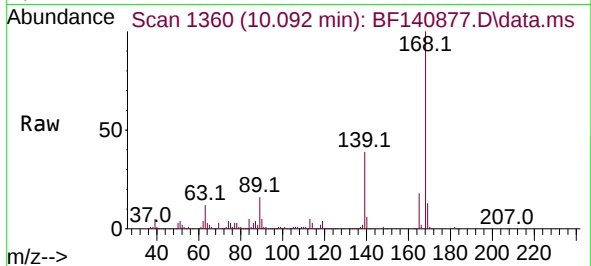
Tgt Ion:184 Resp: 75484
Ion Ratio Lower Upper
184 100
63 62.5 51.6 77.4
154 66.8 56.1 84.1





#55
Dibenzenofuran
Concen: 51.607 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

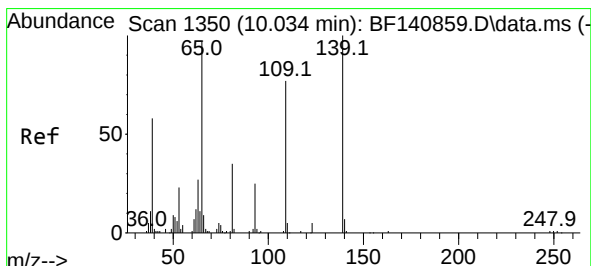
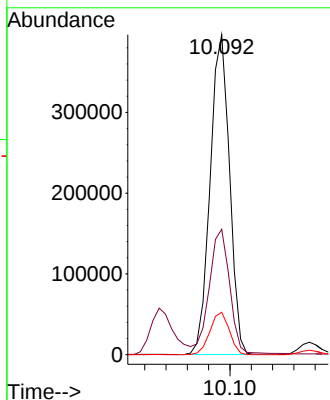
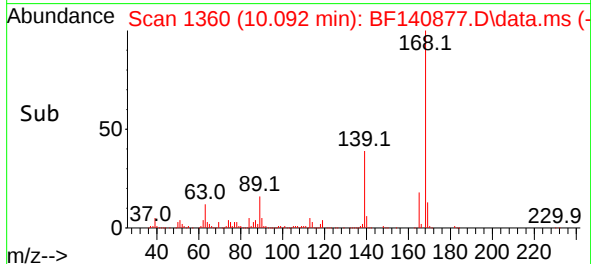
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:168 Resp: 49951
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 13.3 10.6 16.0

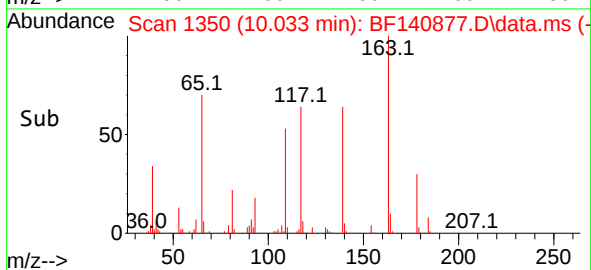
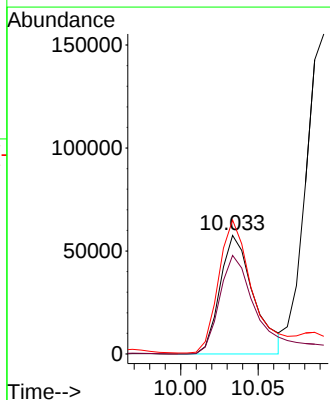
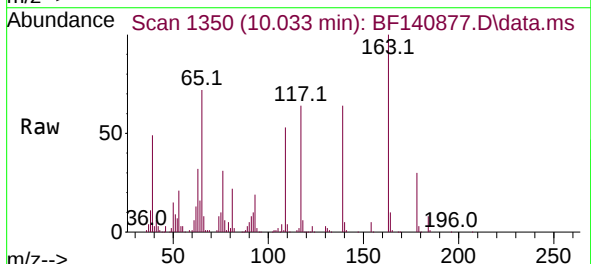
Manual Integrations
APPROVED

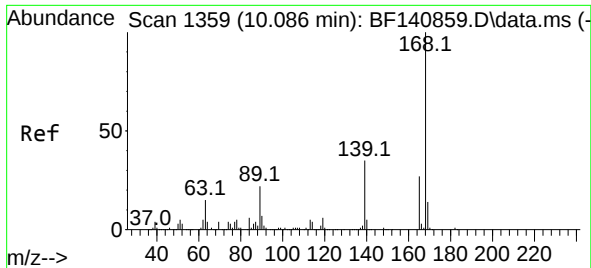
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#56
4-Nitrophenol
Concen: 91.508 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:139 Resp: 86755
Ion Ratio Lower Upper
139 100
109 83.1 56.7 96.7
65 112.9 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 50.541 ng
RT: 10.086 min Scan# 11723
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

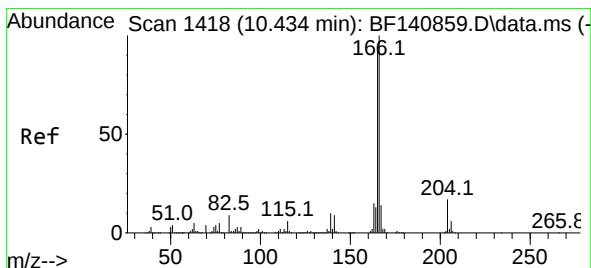
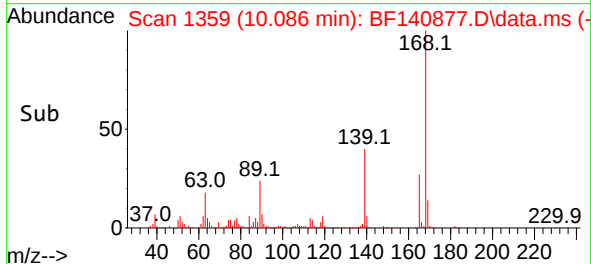
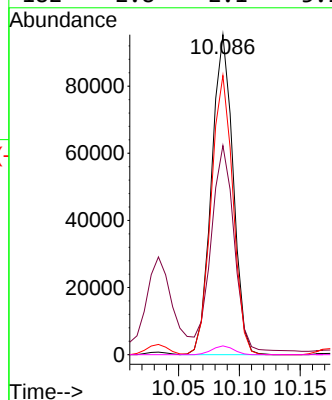
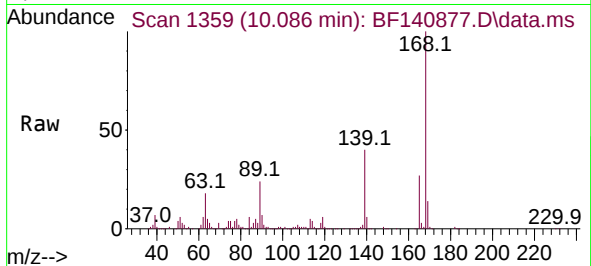
PB165623BSD

Tgt Ion:165 Resp: 11723
Ion Ratio Lower Upper
165 100
63 65.4 49.3 73.9
89 87.3 66.2 99.4
182 2.8 2.1 3.1

Manual Integrations

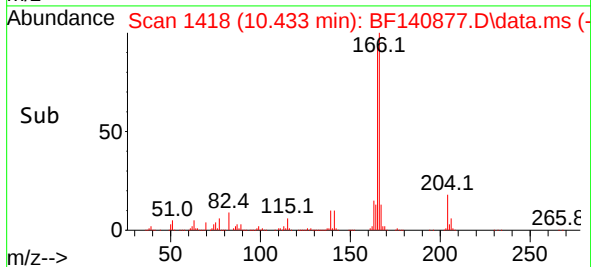
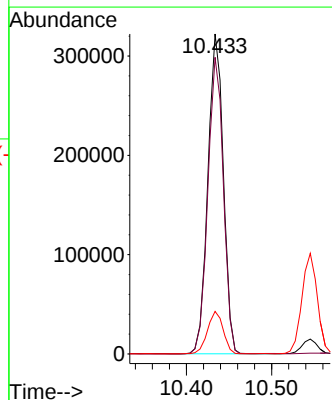
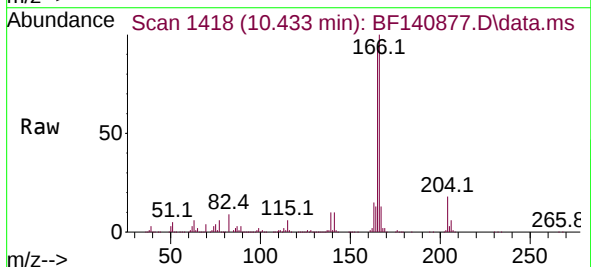
APPROVED

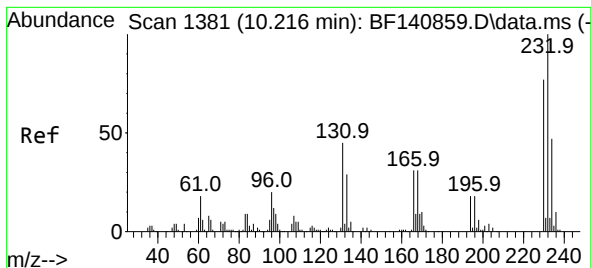
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#58
Fluorene
Concen: 50.784 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

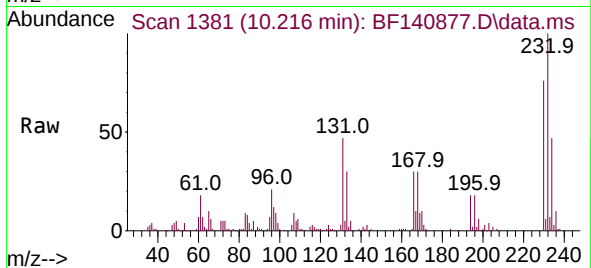
Tgt Ion:166 Resp: 405527
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.993 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

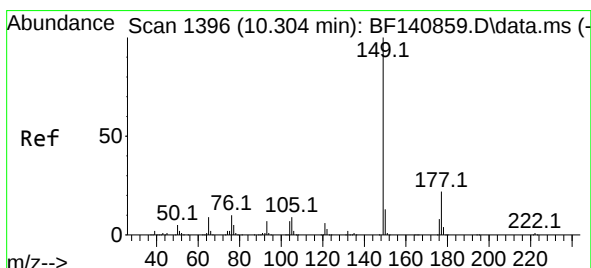
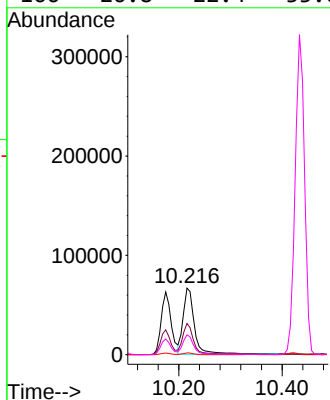
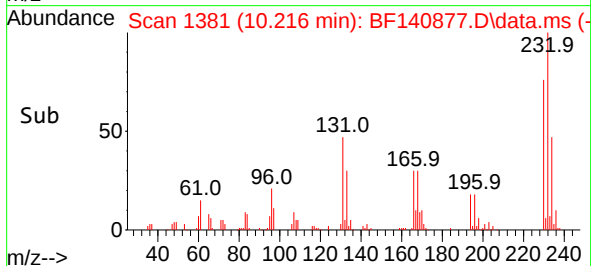
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



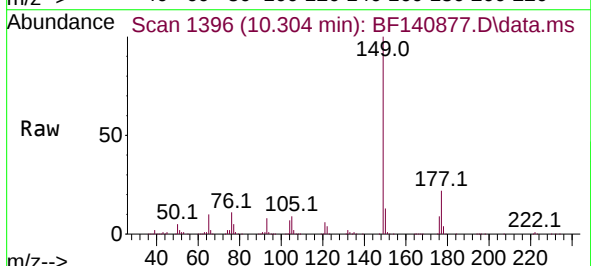
Tgt Ion:232 Resp: 101397
Ion Ratio Lower Upper
232 100
131 45.7 35.1 52.7
130 2.3 1.8 2.8
166 26.8 22.4 33.6

Manual Integrations
APPROVED

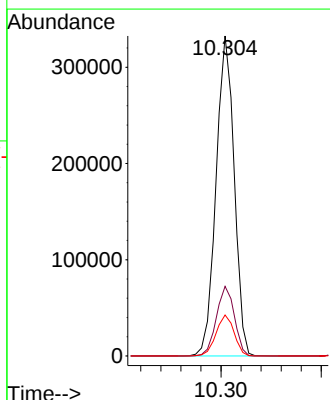
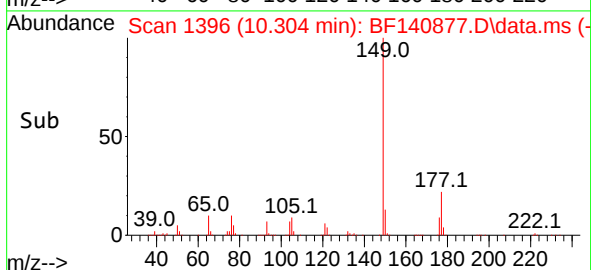
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

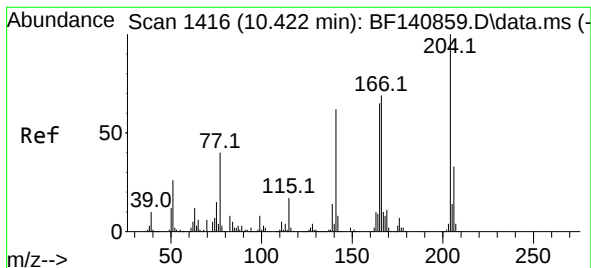


#60
Diethylphthalate
Concen: 52.105 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



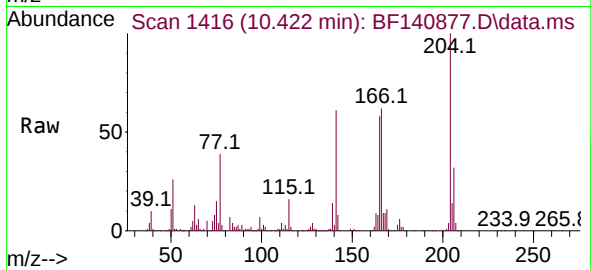
Tgt Ion:149 Resp: 416676
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.179 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

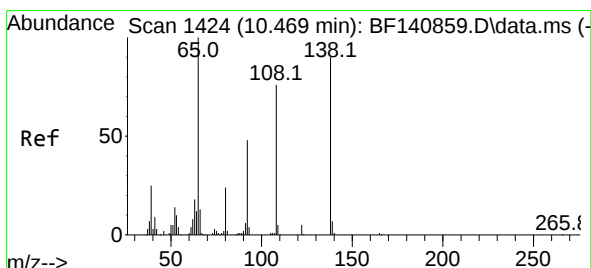
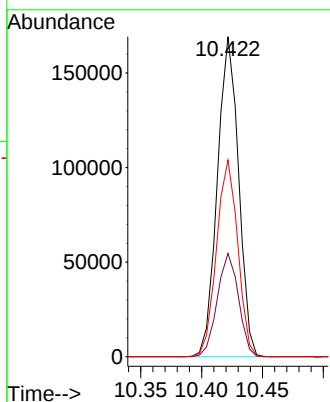
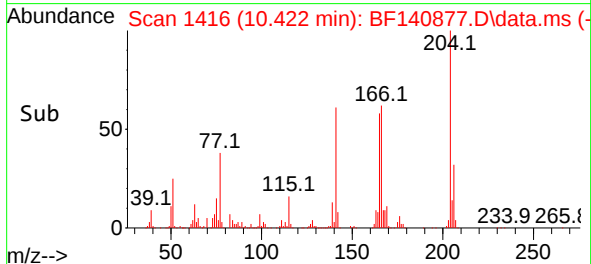
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



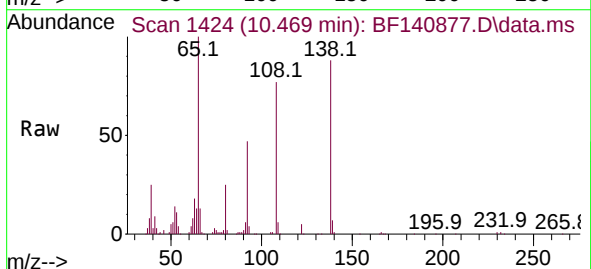
Tgt Ion:204 Resp: 205280
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.5 50.0 75.0

Manual Integrations
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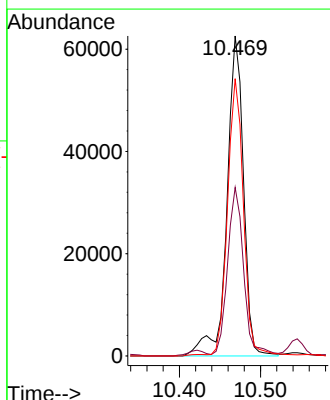
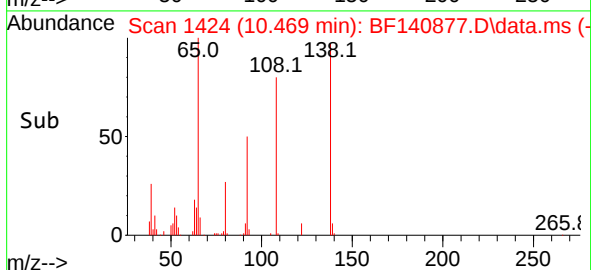
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

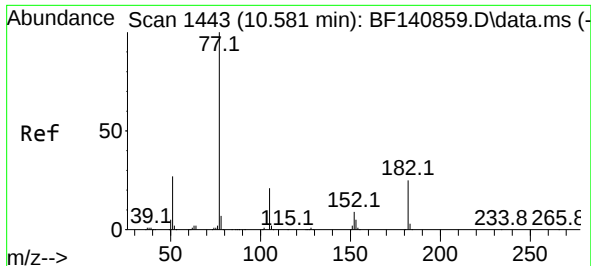


#62
4-Nitroaniline
Concen: 48.661 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



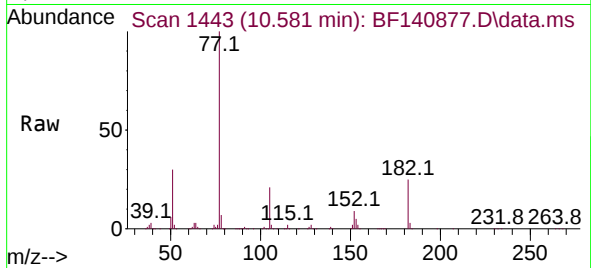
Tgt Ion:138 Resp: 88966
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 86.7 64.1 104.1





#63
Azobenzene
Concen: 50.725 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

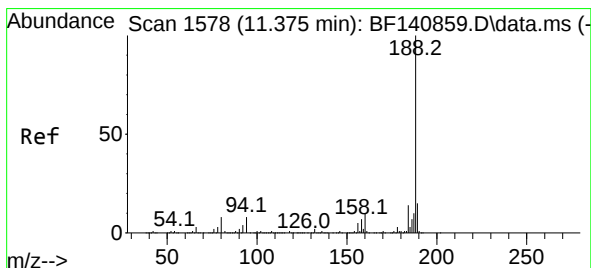
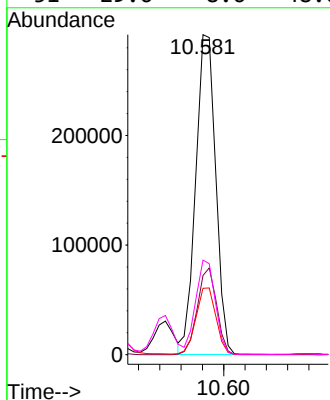
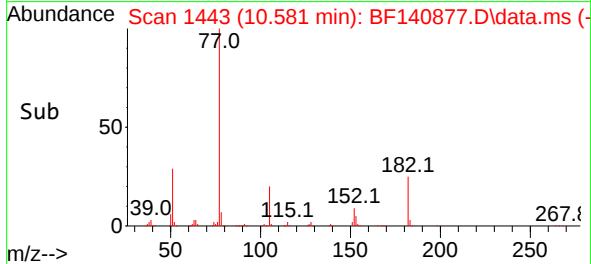
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



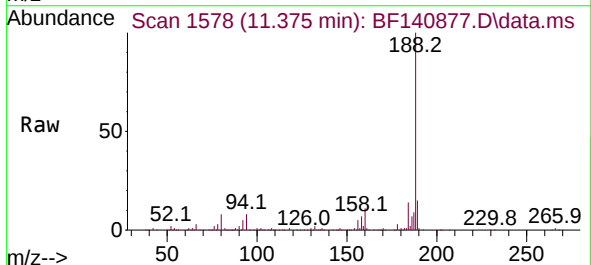
Tgt Ion: 77 Resp: 381354
Ion Ratio Lower Upper
77 100
182 24.8 4.5 44.5
105 20.8 0.9 40.9
51 29.6 8.6 48.6

Manual Integrations
APPROVED

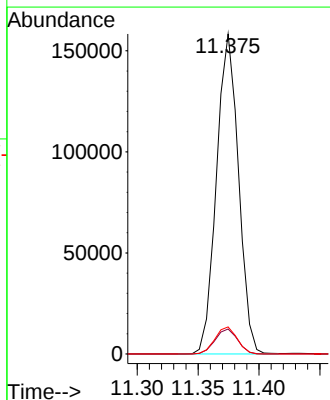
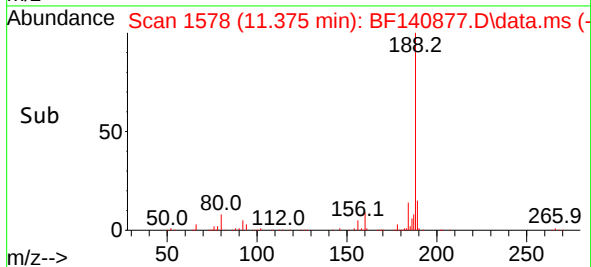
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

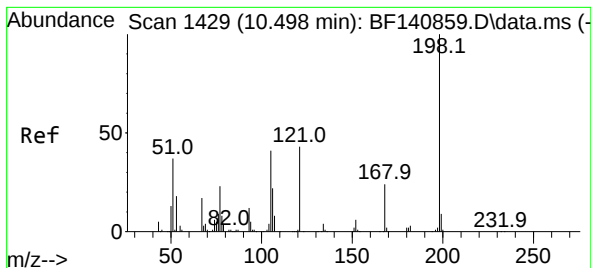


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:188 Resp: 199182
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.5 6.8 10.2





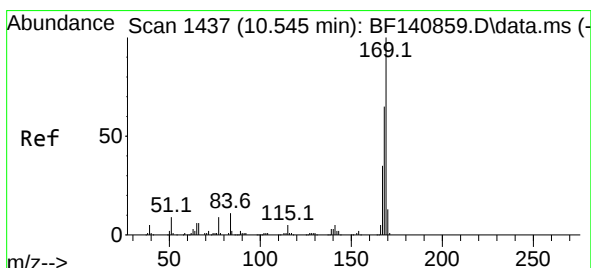
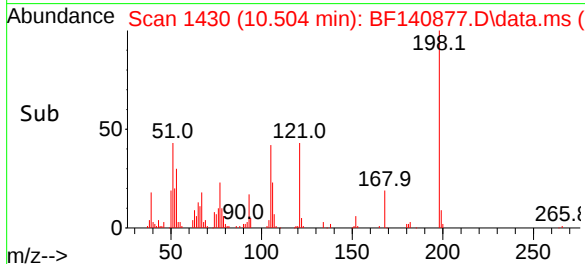
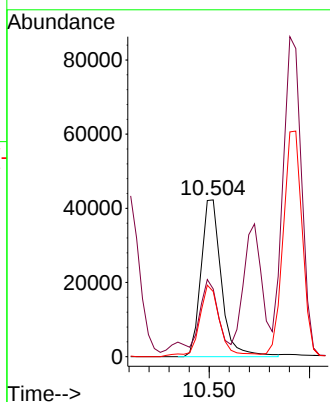
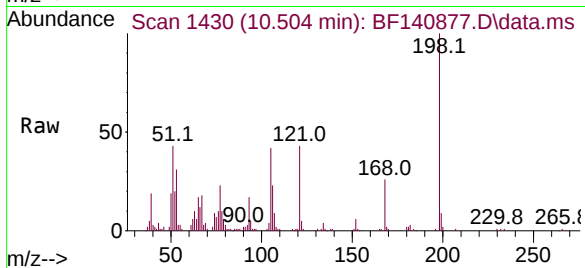
#65
4,6-Dinitro-2-methylphenol
Concen: 53.046 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:198 Resp: 5987
Ion Ratio Lower Upper
198 100
51 43.1 24.4 64.4
105 41.5 22.1 62.1

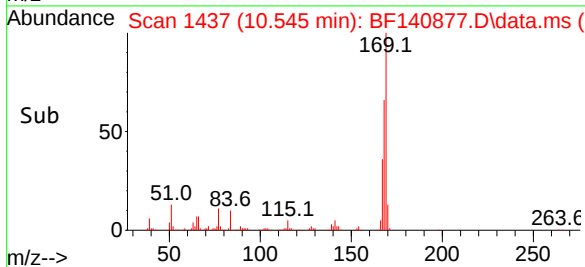
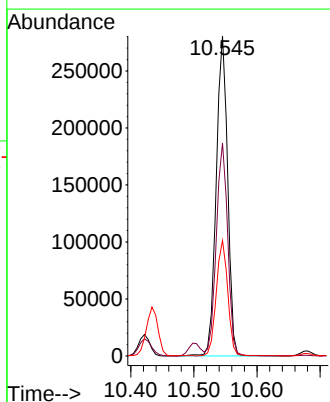
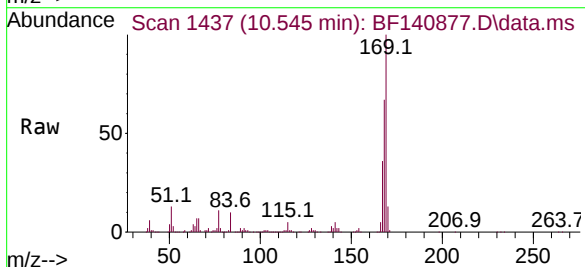
Manual Integrations
APPROVED

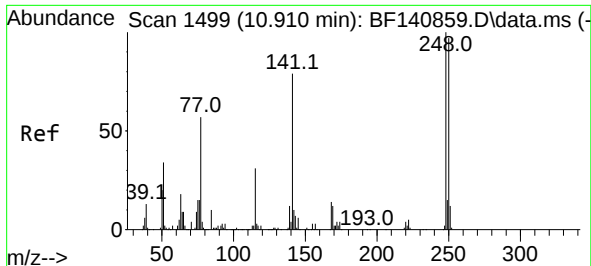
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#66
n-Nitrosodiphenylamine
Concen: 57.502 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

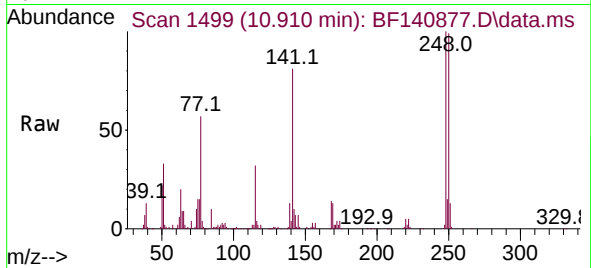
Tgt Ion:169 Resp: 352140
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.1 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 53.332 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

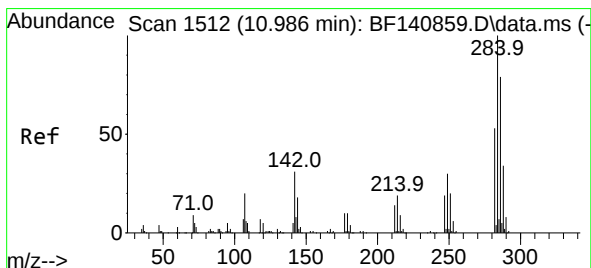
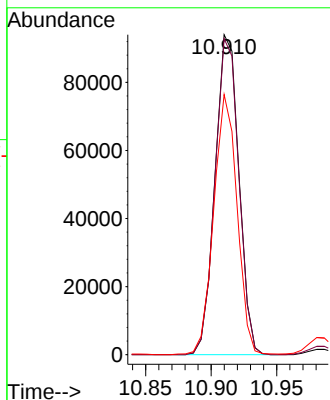
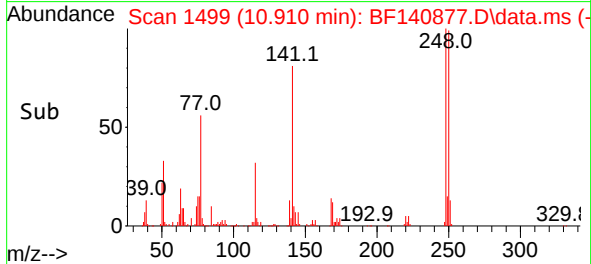
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:248 Resp: 118840
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.2
141 81.3 62.9 94.3

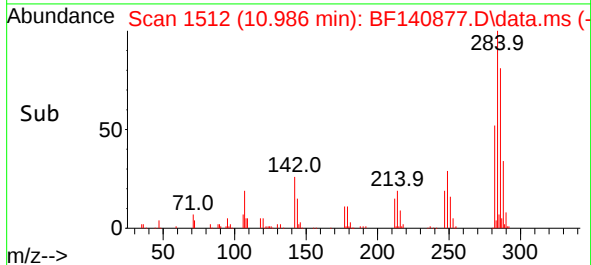
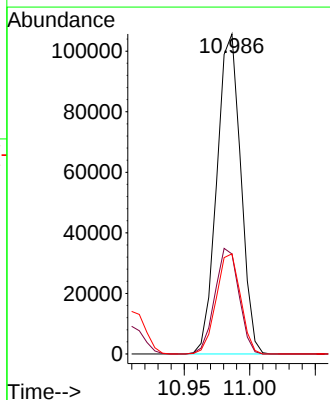
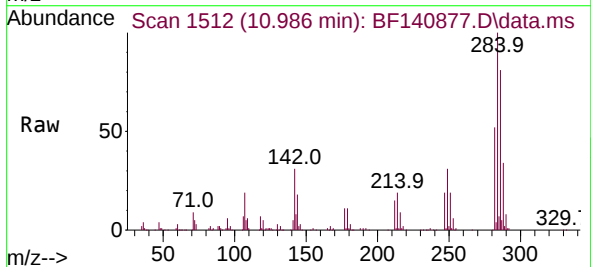
Manual Integrations
APPROVED

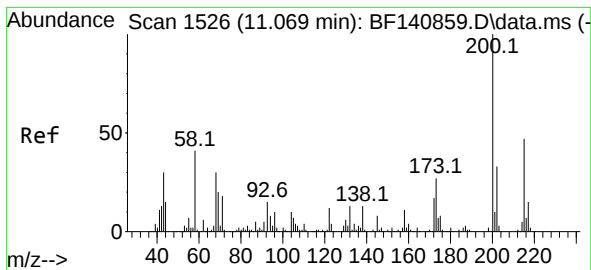
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#68
Hexachlorobenzene
Concen: 53.026 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:284 Resp: 133965
Ion Ratio Lower Upper
284 100
142 31.2 24.6 36.8
249 31.3 24.3 36.5





#69

Atrazine

Concen: 67.954 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:200 Resp: 116225

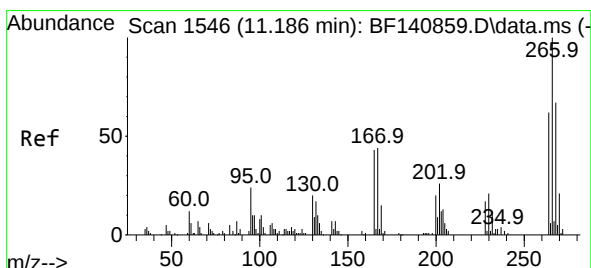
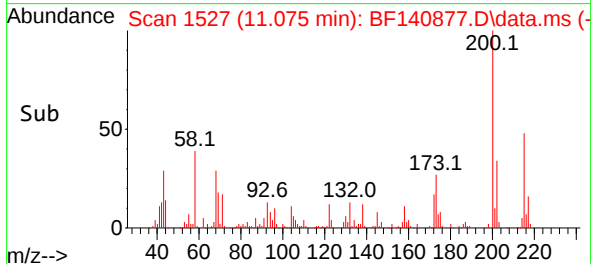
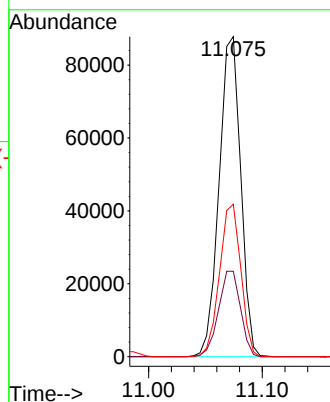
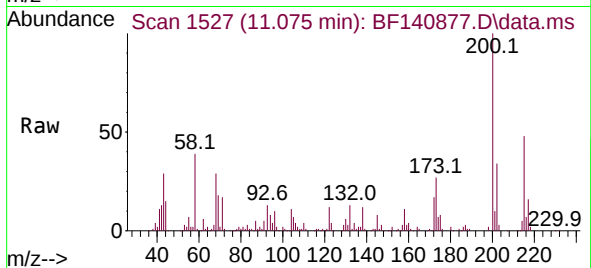
Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	47.7	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#70

Pentachlorophenol

Concen: 99.173 ng

RT: 11.186 min Scan# 1546

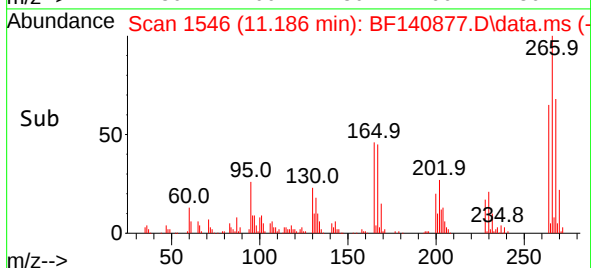
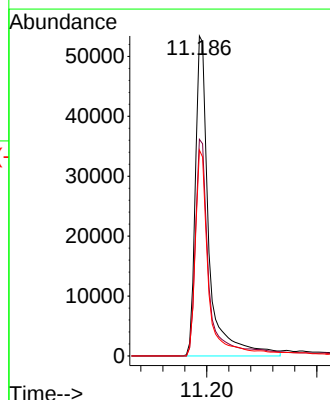
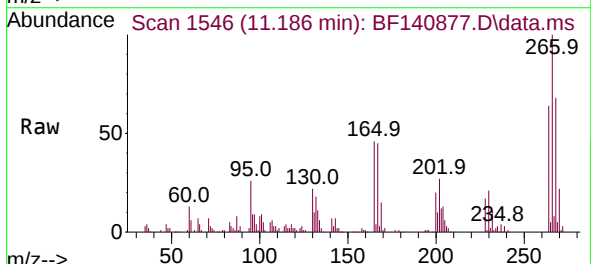
Delta R.T. 0.000 min

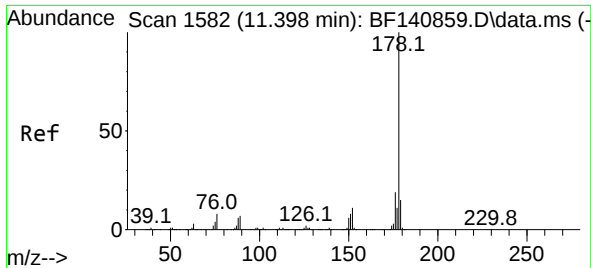
Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:266 Resp: 91604

Ion	Ratio	Lower	Upper
266	100		
268	67.7	54.0	81.0
264	64.4	49.4	74.2





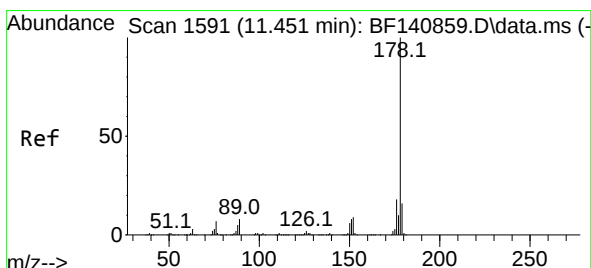
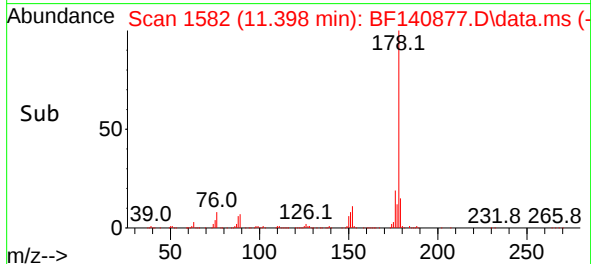
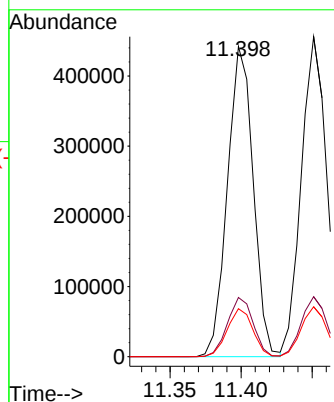
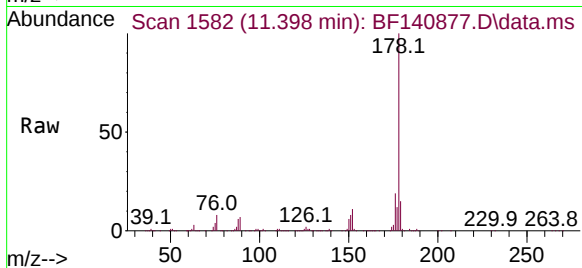
#71
Phenanthrene
Concen: 54.633 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:178 Resp: 559598
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.1 18.1

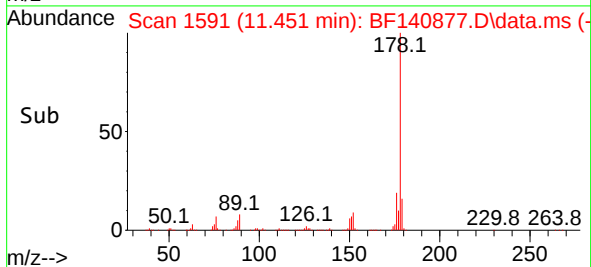
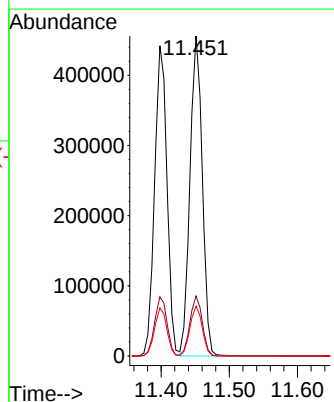
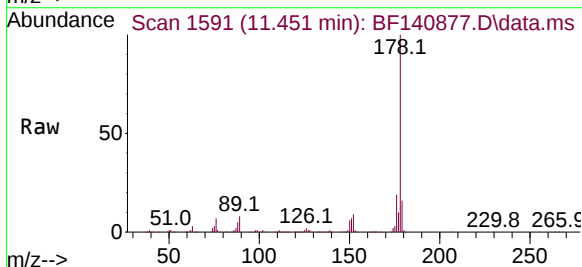
Manual Integrations
APPROVED

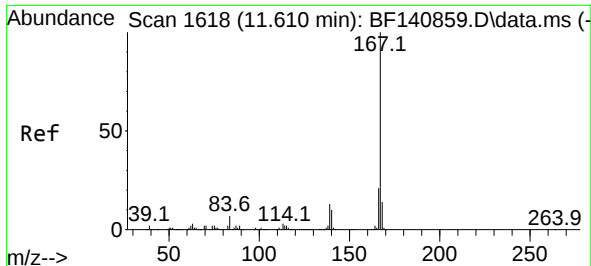
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Anthracene
Concen: 56.373 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

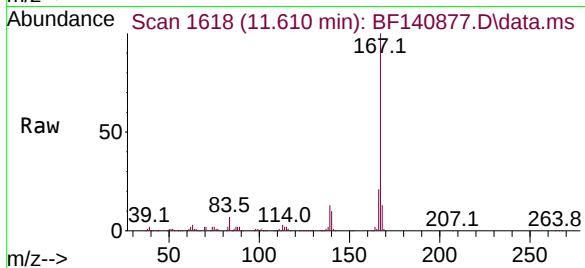
Tgt Ion:178 Resp: 568637
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 51.665 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35

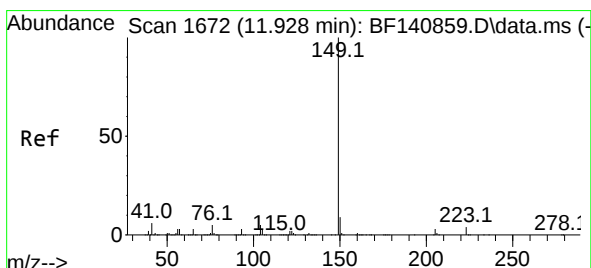
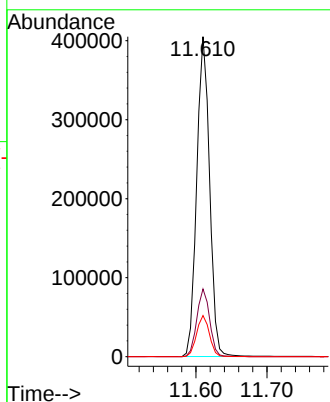
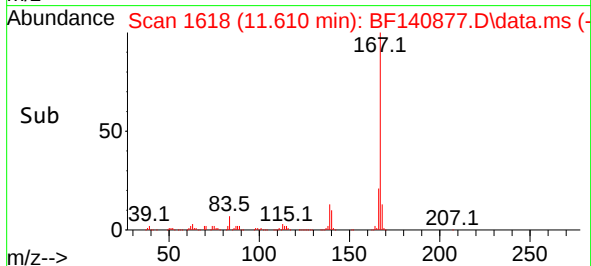
Instrument :
 BNA_F
 ClientSampleId :
 PB165623BSD



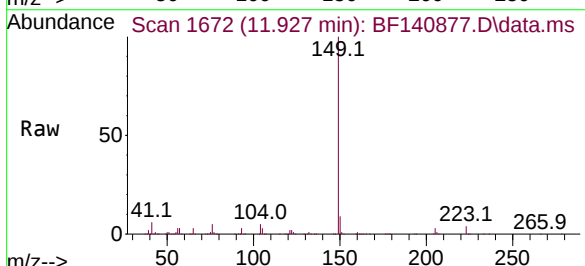
Tgt Ion:167 Resp: 510463
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.8 10.2 15.2

Manual Integrations
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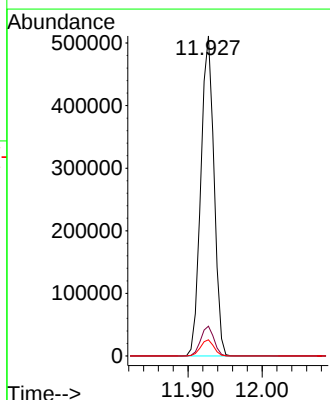
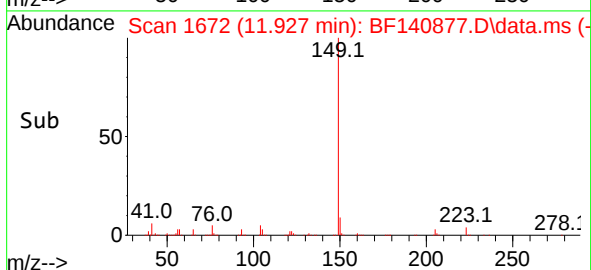
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

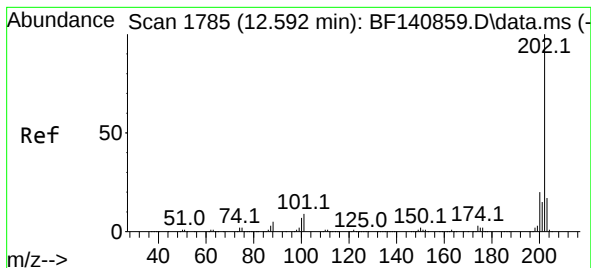


#74
 Di-n-butylphthalate
 Concen: 54.409 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140877.D
 Acq: 17 Dec 2024 11:35



Tgt Ion:149 Resp: 630897
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 51.045 ng

RT: 12.592 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140877.D

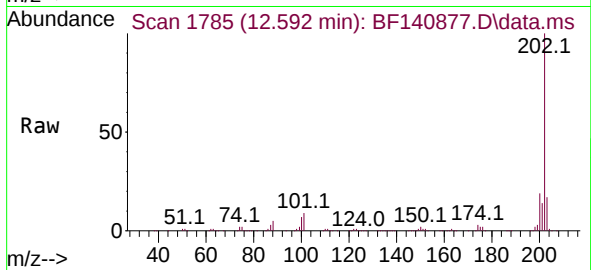
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD



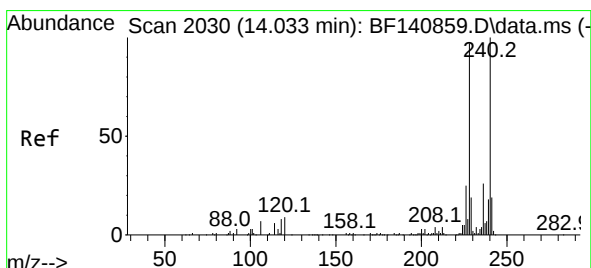
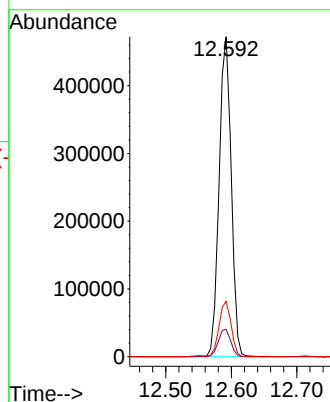
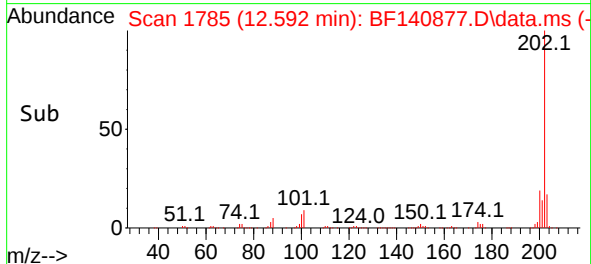
Tgt Ion:	202	Resp:	60214
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.3
203	17.3	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#76

Chrysene-d12

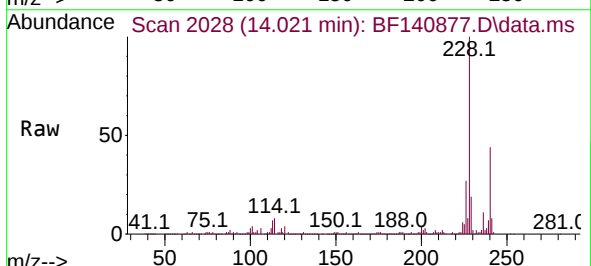
Concen: 20.000 ng

RT: 14.021 min Scan# 2028

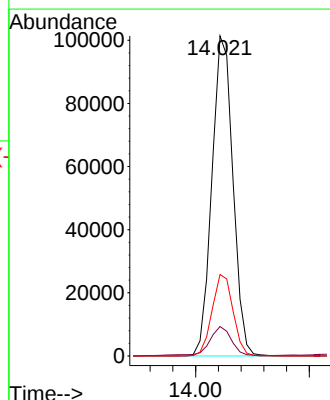
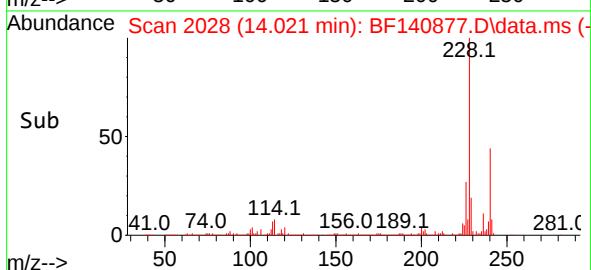
Delta R.T. -0.012 min

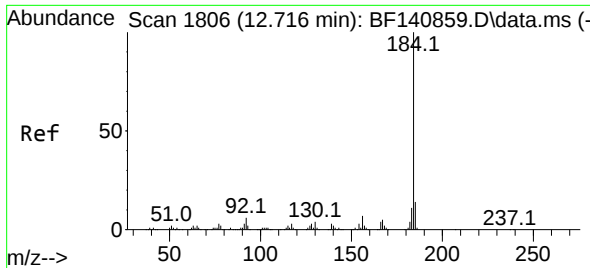
Lab File: BF140877.D

Acq: 17 Dec 2024 11:35



Tgt Ion:	240	Resp:	129993
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.6	11.4
236	25.4	20.5	30.7





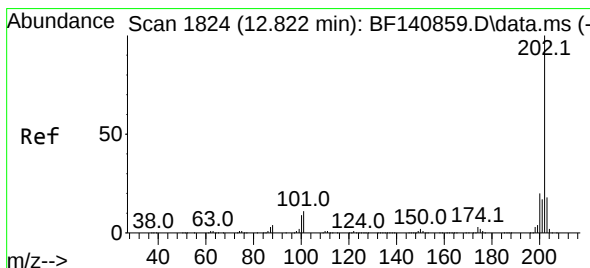
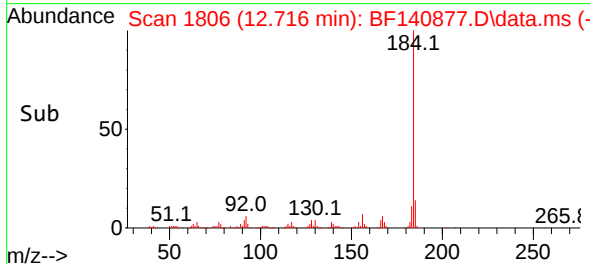
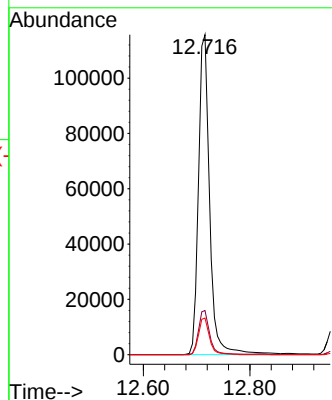
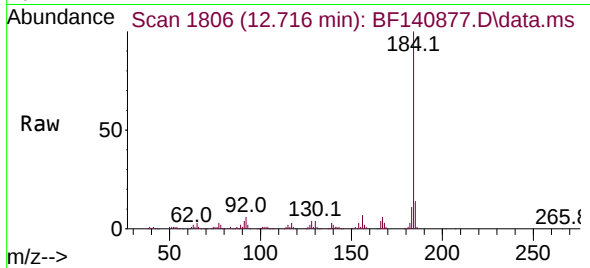
#77
Benzidine
Concen: 63.598 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Tgt Ion:184 Resp: 16873
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 11.5 9.0 13.4

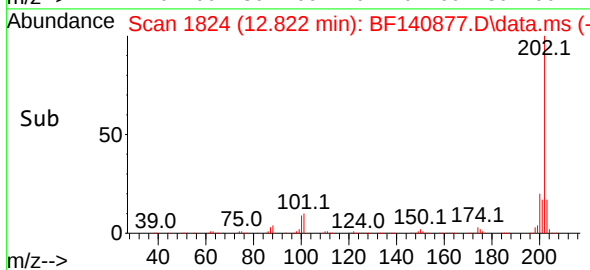
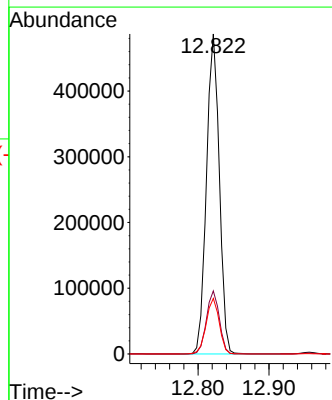
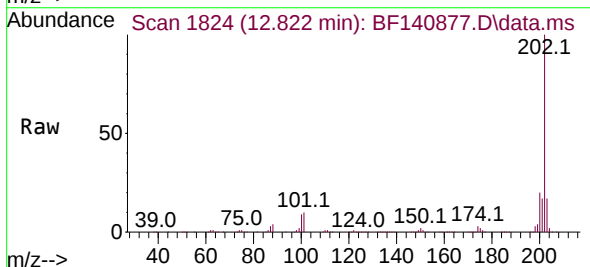
Manual Integrations
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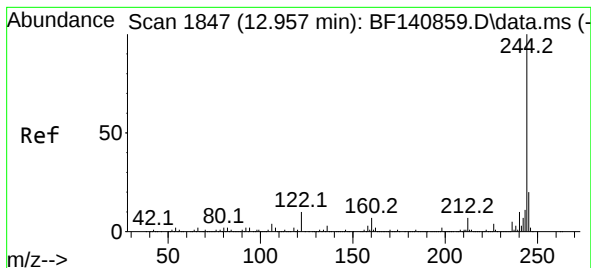
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#78
Pyrene
Concen: 52.933 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:202 Resp: 611888
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 110.188 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:244 Resp: 90836

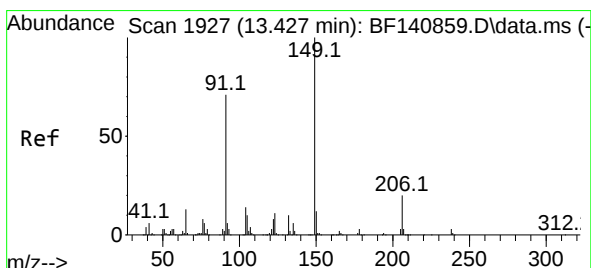
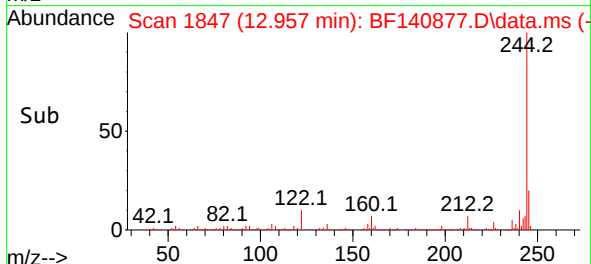
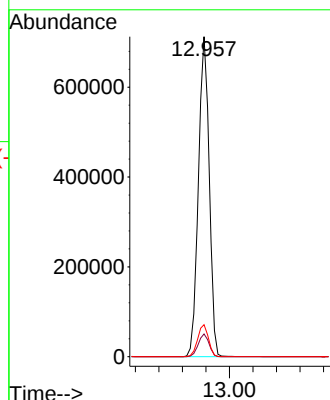
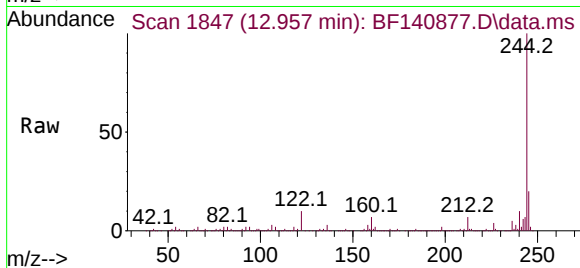
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.0	8.2	12.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#80

Butylbenzylphthalate

Concen: 56.338 ng

RT: 13.427 min Scan# 1927

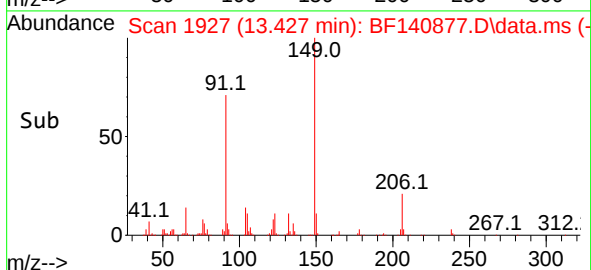
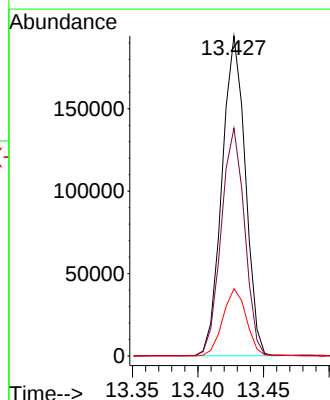
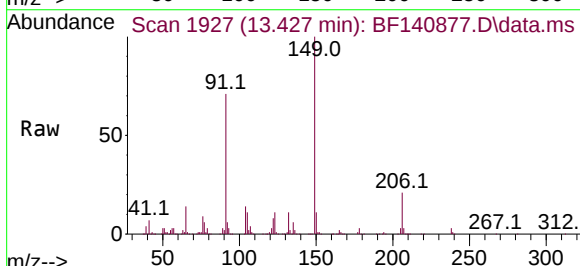
Delta R.T. -0.000 min

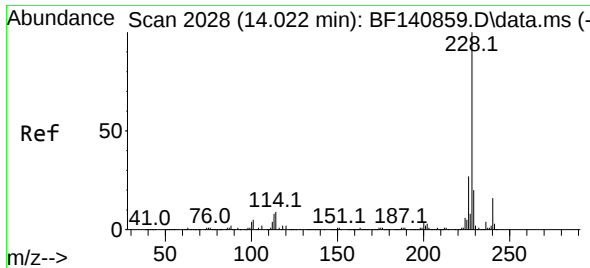
Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Tgt Ion:149 Resp: 239628

Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.7	85.1
206	21.0	16.4	24.6





#81
Benzo(a)anthracene
Concen: 54.939 ng
RT: 14.016 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

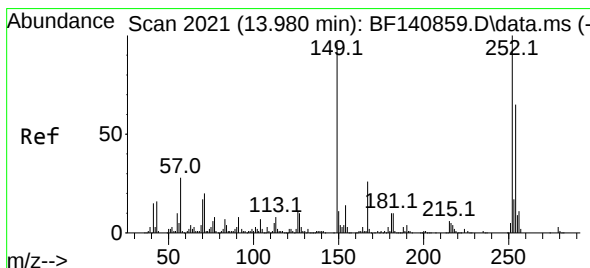
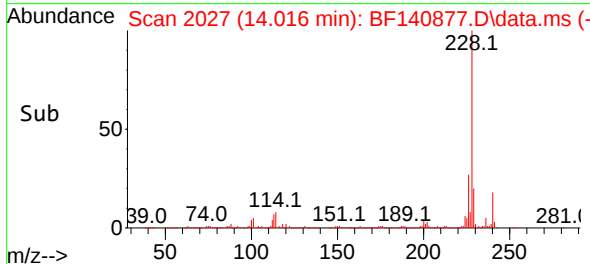
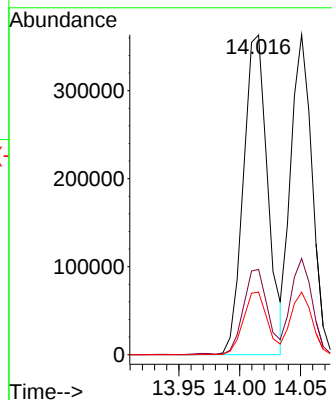
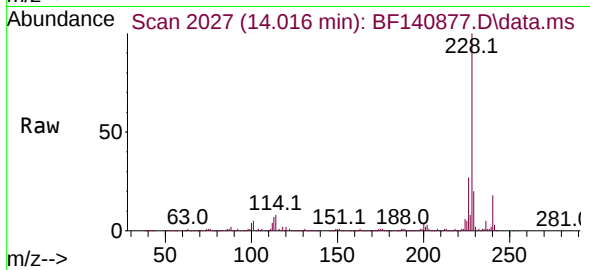
ClientSampleId :

PB165623BSD

Tgt Ion:228 Resp: 50615
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.8

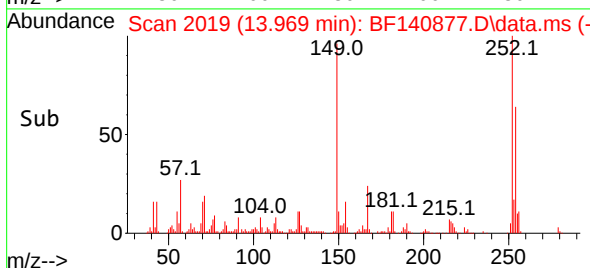
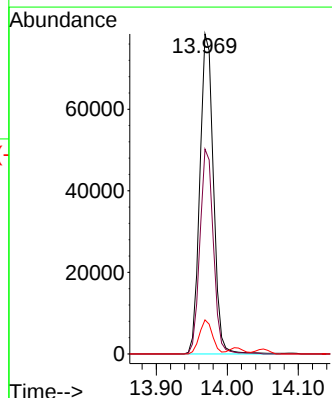
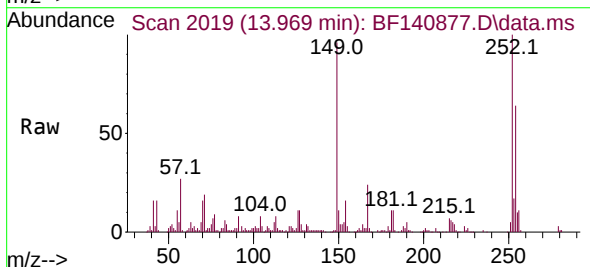
Manual Integrations
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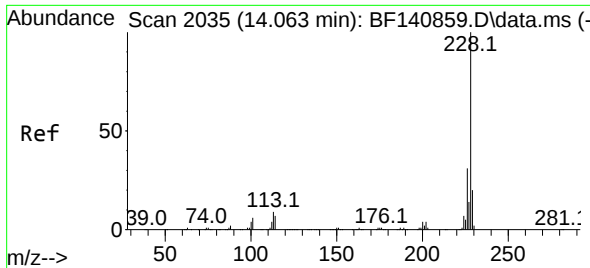
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#82
3,3'-Dichlorobenzidine
Concen: 37.611 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

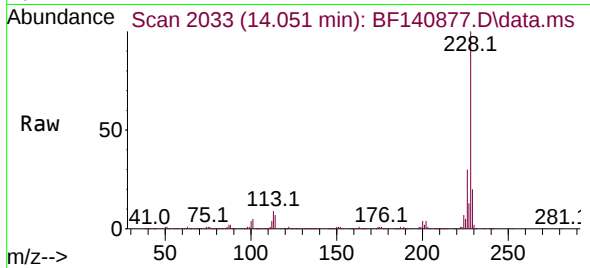
Tgt Ion:252 Resp: 104545
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.7 8.4 12.6





#83
Chrysene
Concen: 52.634 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

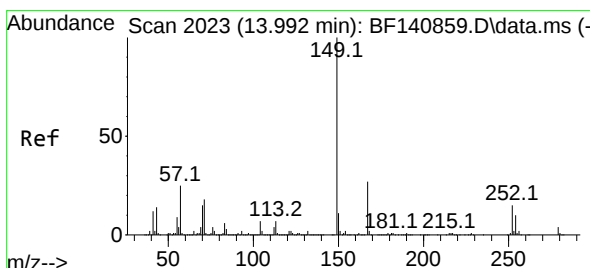
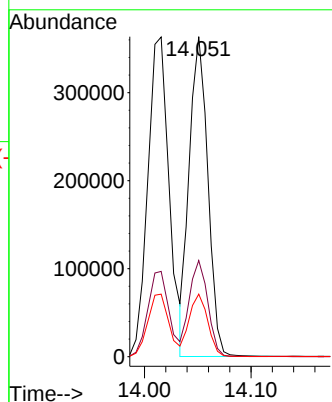
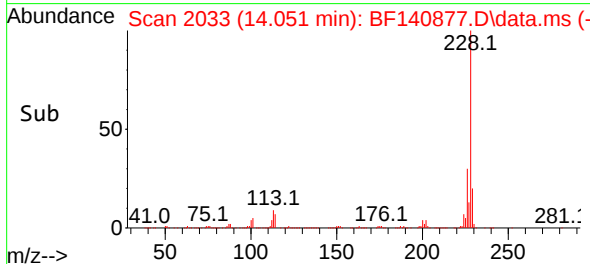
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



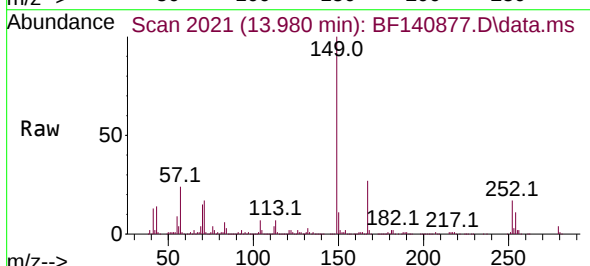
Tgt Ion:228 Resp: 440952
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 16.0 24.0

Manual Integrations
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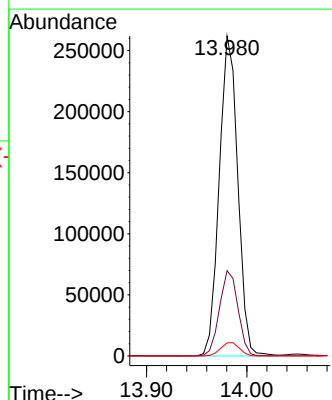
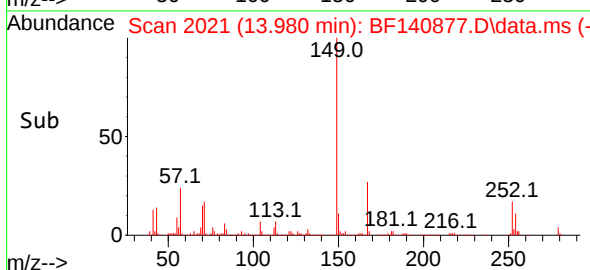
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

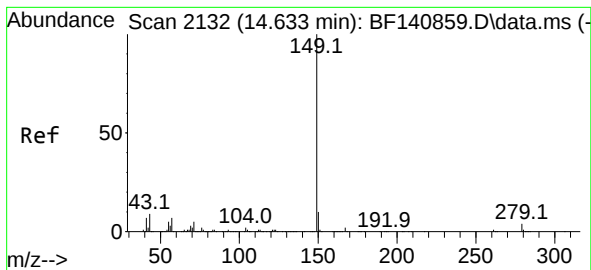


#84
Bis(2-ethylhexyl)phthalate
Concen: 61.225 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



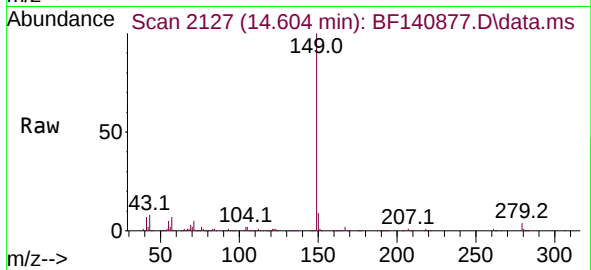
Tgt Ion:149 Resp: 335787
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.392 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

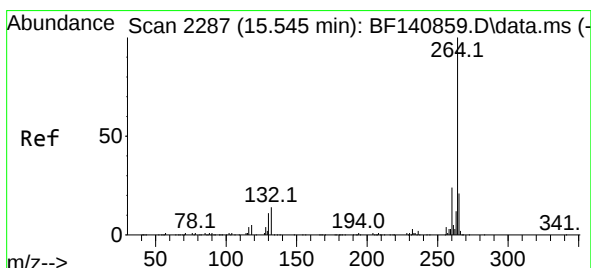
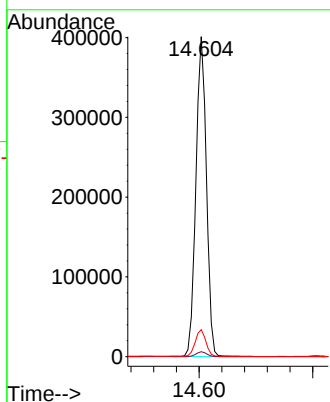
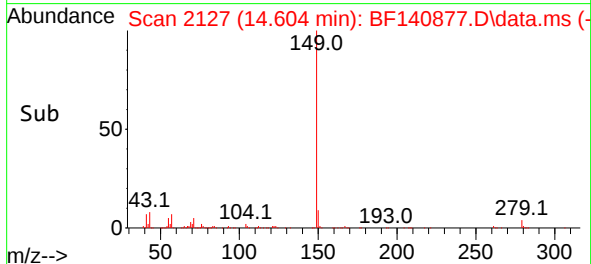
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



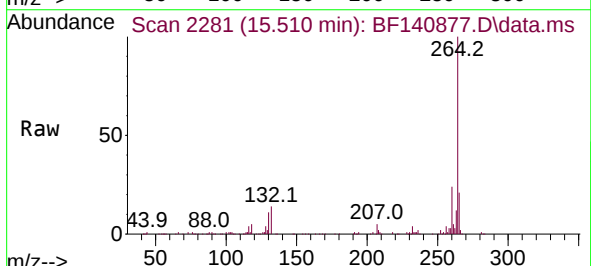
Tgt Ion:149 Resp: 517690
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.0 10.6

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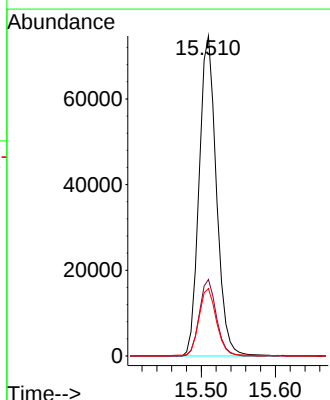
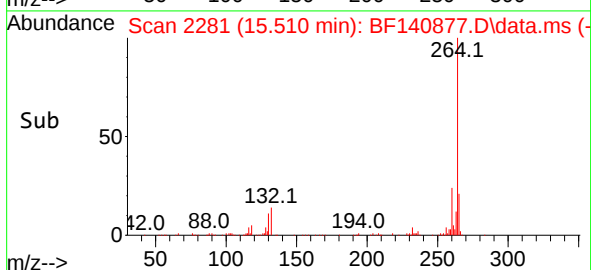
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.035 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35



Tgt Ion:264 Resp: 121005
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.979 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:276 Resp: 483120

Ion Ratio Lower Upper

276 100

138 19.7 16.9 25.3

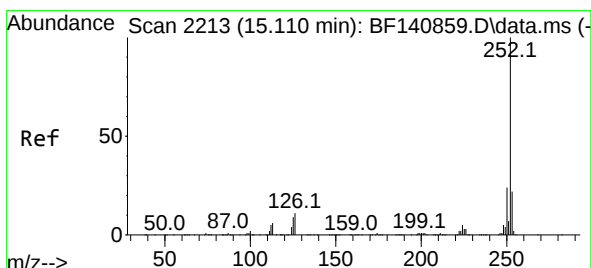
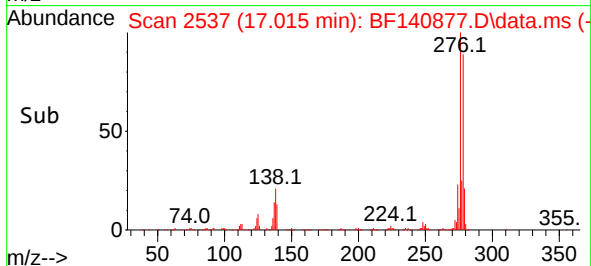
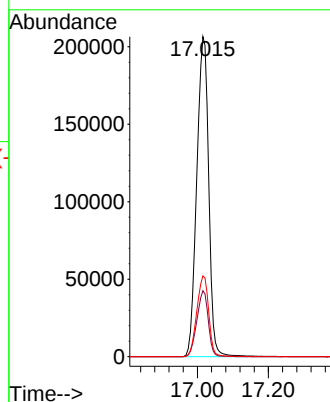
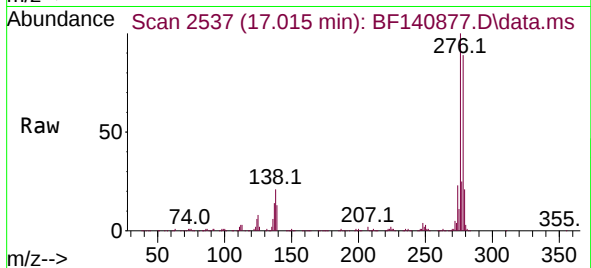
277 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#88

Benzo(b)fluoranthene

Concen: 54.014 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

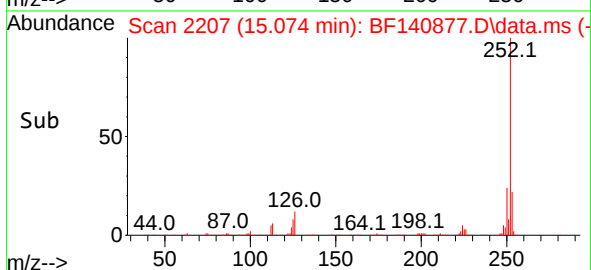
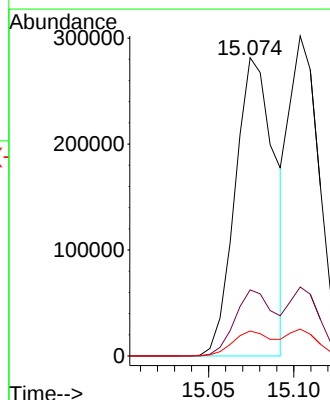
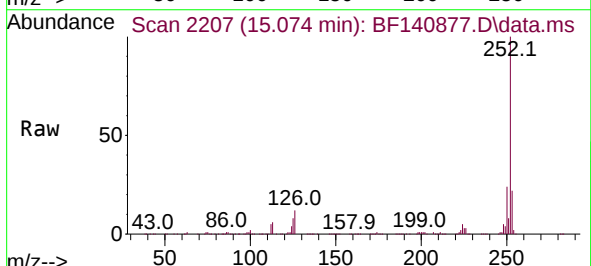
Tgt Ion:252 Resp: 453696

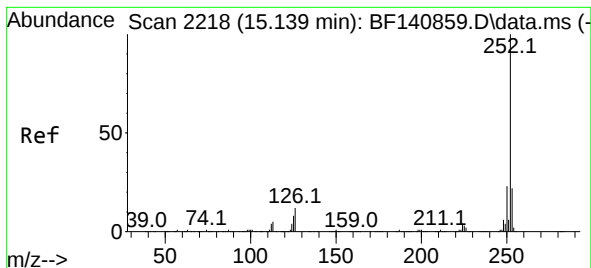
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 52.411 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB165623BSD

Tgt Ion:252 Resp: 377629

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

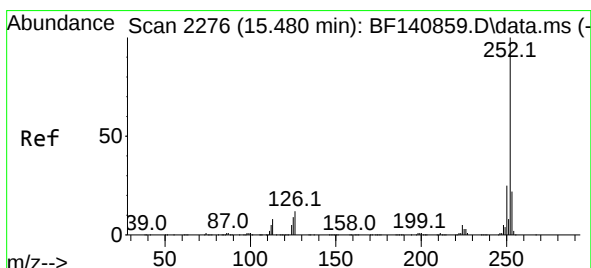
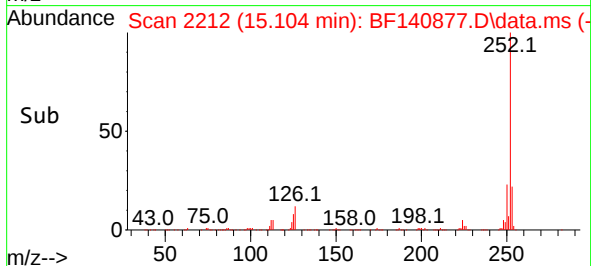
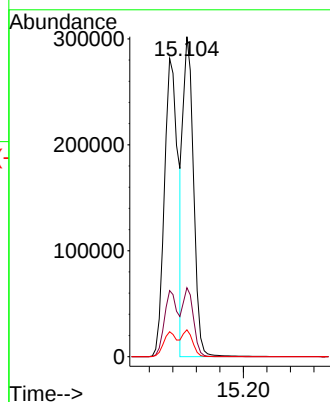
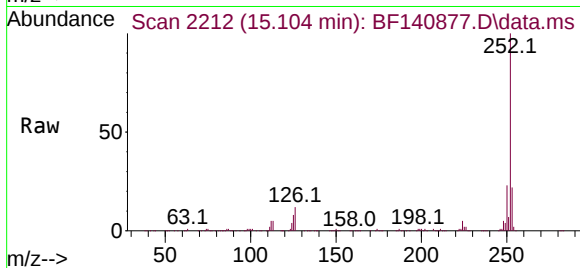
125 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/18/2024



#90

Benzo(a)pyrene

Concen: 58.990 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140877.D

Acq: 17 Dec 2024 11:35

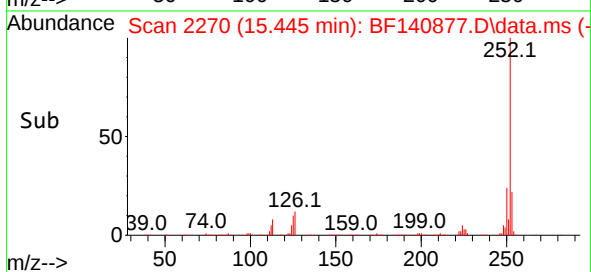
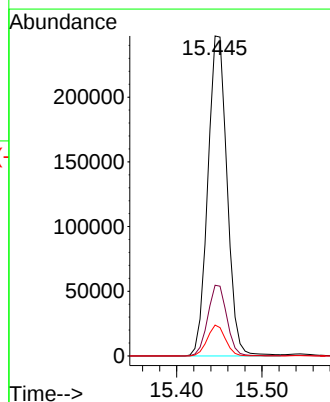
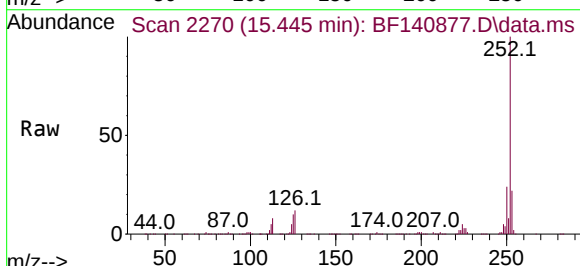
Tgt Ion:252 Resp: 387987

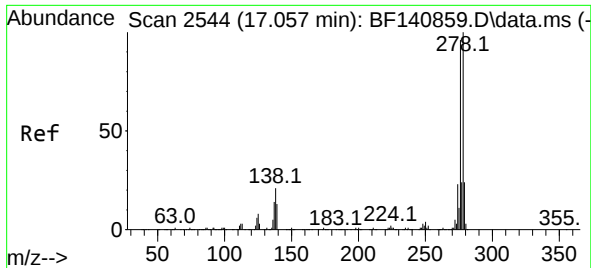
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

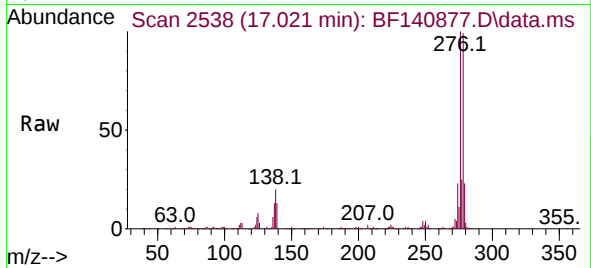
125 9.6 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 62.578 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

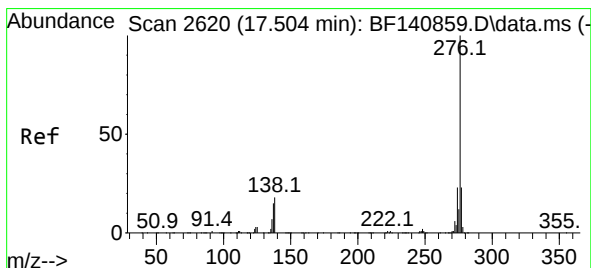
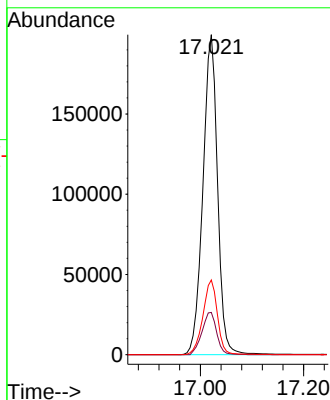
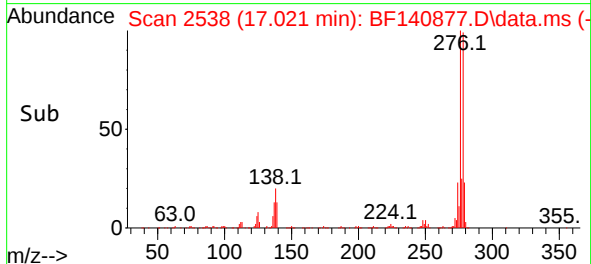
Instrument :
BNA_F
ClientSampleId :
PB165623BSD



Tgt Ion:278 Resp: 391475
Ion Ratio Lower Upper
278 100
139 13.2 10.6 16.0
279 23.4 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#92
Benzo(g,h,i)perylene
Concen: 55.900 ng
RT: 17.462 min Scan# 2613
Delta R.T. -0.041 min
Lab File: BF140877.D
Acq: 17 Dec 2024 11:35

Tgt Ion:276 Resp: 355912
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 16.9 14.2 21.2

