

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140867.D
 Acq On : 16 Dec 2024 18:26
 Operator : RC/JU
 Sample : PB165479BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

Quant Time: Dec 17 00:03:46 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	6.846	152	68083	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	254612	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145533	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	280715	20.000	ng	0.00
76) Chrysene-d12	14.022	240	199131	20.000	ng	-0.01
86) Perylene-d12	15.504	264	173133	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	398277	96.300	ng	0.01
7) Phenol-d6	6.498	99	505259	92.236	ng	0.00
23) Nitrobenzene-d5	7.416	82	492959	96.866	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	162146	94.203	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	997094	94.195	ng	0.00
79) Terphenyl-d14	12.957	244	1191545	94.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	72393	40.638	ng	99
3) Pyridine	3.505	79	179905	43.607	ng	98
4) n-Nitrosodimethylamine	3.463	42	105089	50.529	ng	98
6) Aniline	6.516	93	183007	39.073	ng	89
8) 2-Chlorophenol	6.640	128	223754	49.612	ng	98
9) Benzaldehyde	6.404	77	58061	19.129	ng	97
10) Phenol	6.510	94	277673	48.908	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	209228	49.416	ng	99
12) 1,3-Dichlorobenzene	6.787	146	239625	46.627	ng	99
13) 1,4-Dichlorobenzene	6.863	146	241971	46.385	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227129	46.146	ng	98
15) Benzyl Alcohol	6.998	79	204958	52.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246230	49.367	ng	85
17) 2-Methylphenol	7.116	107	177038	49.167	ng	97
18) Hexachloroethane	7.351	117	89672	46.175	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	162081	49.326	ng	99
20) 3+4-Methylphenols	7.269	107	235014	49.220	ng	94
22) Acetophenone	7.263	105	314177	49.327	ng	98
24) Nitrobenzene	7.434	77	245009	46.994	ng	100
25) Isophorone	7.675	82	430396	50.474	ng	99
26) 2-Nitrophenol	7.751	139	118309	49.271	ng	98
27) 2,4-Dimethylphenol	7.787	122	166942	59.532	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	259615	48.747	ng	99
29) 2,4-Dichlorophenol	7.998	162	189211	48.872	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	201718	45.451	ng	99
31) Naphthalene	8.151	128	658553	47.086	ng	99
32) Benzoic acid	7.945	122	116554	43.825	ng	100
33) 4-Chloroaniline	8.204	127	102486	22.063	ng	99
34) Hexachlorobutadiene	8.257	225	138666	46.439	ng	100
35) Caprolactam	8.587	113	32294	28.019	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	207785	47.685	ng	99
37) 2-Methylnaphthalene	8.839	142	436861	47.219	ng	100
38) 1-Methylnaphthalene	8.940	142	406632	44.441	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	218888	48.934	ng	99
41) Hexachlorocyclopentadiene	8.987	237	119635	76.612	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130798	47.754	ng	99

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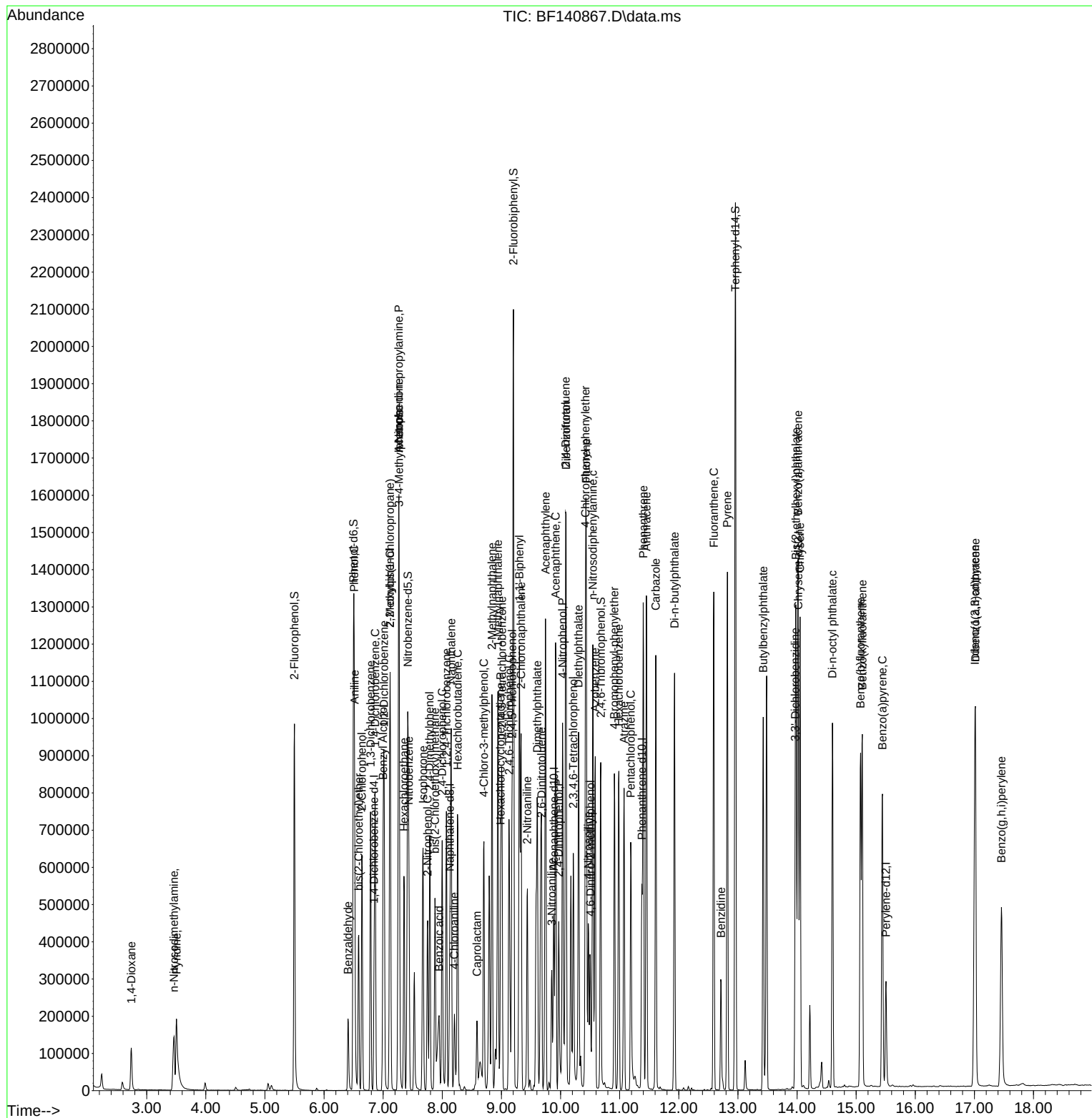
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	139286	46.266	ng	99
46) 1,1'-Biphenyl	9.304	154	547151	47.280	ng	100
47) 2-Chloronaphthalene	9.334	162	410810	46.403	ng	99
48) 2-Nitroaniline	9.439	65	129999	48.620	ng	96
49) Acenaphthylene	9.745	152	669595	51.466	ng	100
50) Dimethylphthalate	9.604	163	512580	49.957	ng	100
51) 2,6-Dinitrotoluene	9.681	165	107961	46.027	ng	97
52) Acenaphthene	9.916	154	406902	48.961	ng	99
53) 3-Nitroaniline	9.851	138	70003	30.073	ng	98
54) 2,4-Dinitrophenol	9.969	184	96418	83.899	ng	98
55) Dibenzofuran	10.092	168	617122	47.921	ng	99
56) 4-Nitrophenol	10.034	139	126331	99.734	ng	89
57) 2,4-Dinitrotoluene	10.086	165	150626	48.806	ng	98
58) Fluorene	10.434	166	501643	47.217	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	122273	49.843	ng	98
60) Diethylphthalate	10.304	149	528222	49.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256421	48.048	ng	98
62) 4-Nitroaniline	10.469	138	109152	44.872	ng	94
63) Azobenzene	10.586	77	478016	47.789	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	77066	48.448	ng	97
66) n-Nitrosodiphenylamine	10.545	169	441708	51.179	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154268	49.123	ng	99
68) Hexachlorobenzene	10.986	284	171401	48.139	ng	99
69) Atrazine	11.075	200	148546	61.626	ng	98
70) Pentachlorophenol	11.186	266	129262	99.297	ng	98
71) Phenanthrene	11.398	178	720647	49.922	ng	99
72) Anthracene	11.451	178	730638	51.395	ng	99
73) Carbazole	11.610	167	670829	48.176	ng	100
74) Di-n-butylphthalate	11.928	149	820883	50.232	ng	99
75) Fluoranthene	12.592	202	793652	47.739	ng	100
77) Benzidine	12.716	184	182015	44.785	ng	99
78) Pyrene	12.822	202	822879	46.470	ng	100
80) Butylbenzylphthalate	13.427	149	325666	49.982	ng	100
81) Benzo(a)anthracene	14.016	228	700740	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	135088	31.726	ng	98
83) Chrysene	14.051	228	619338	48.259	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	443635	52.805	ng	99
85) Di-n-octyl phthalate	14.598	149	673998	53.027	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	591338	54.732	ng	99
88) Benzo(b)fluoranthene	15.074	252	578802	48.161	ng	99
89) Benzo(k)fluoranthene	15.104	252	540198	52.400	ng	100
90) Benzo(a)pyrene	15.445	252	513351	54.551	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	486982	54.407	ng	99
92) Benzo(g,h,i)perylene	17.457	276	465302	51.077	ng	99

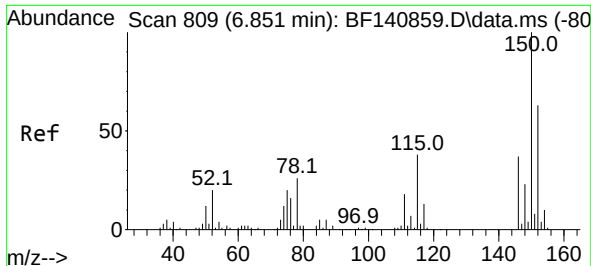
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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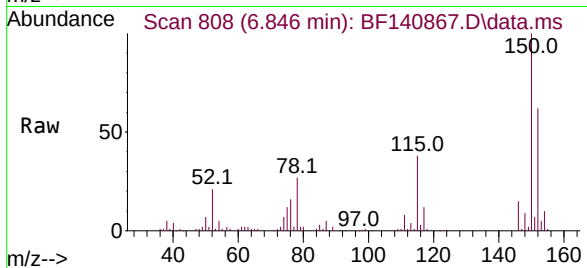
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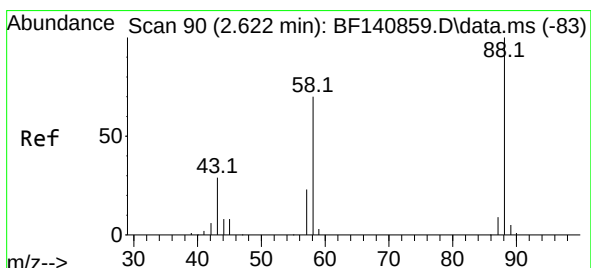
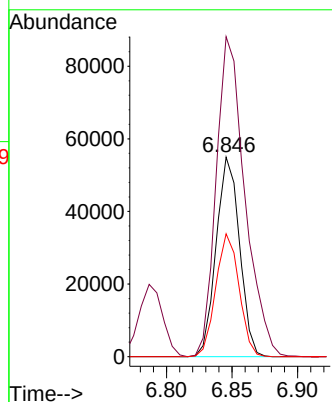
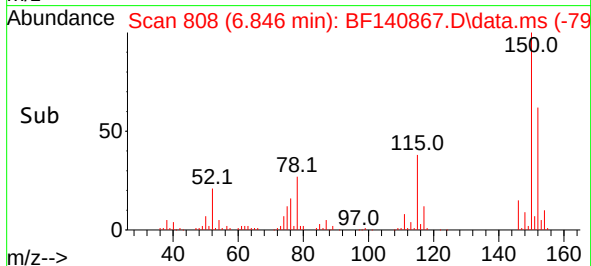


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

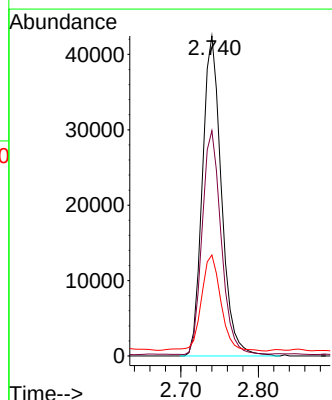
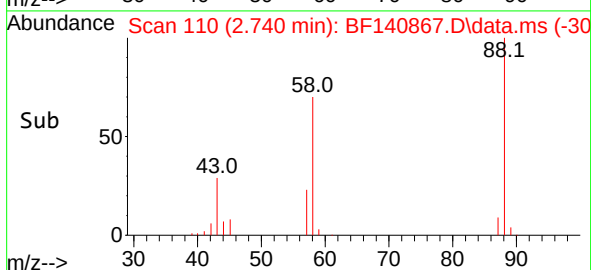
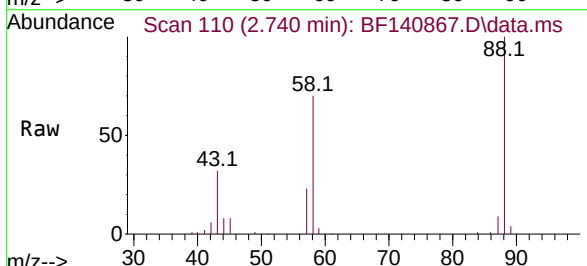


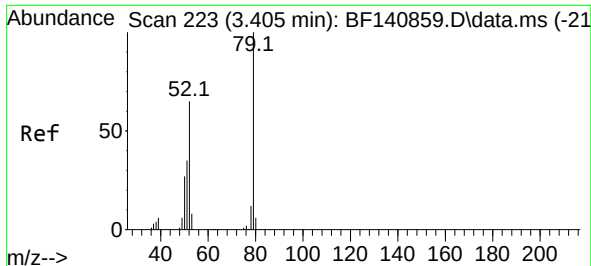
Tgt Ion:152 Resp: 68083
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.9 191.9
 115 61.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 40.638 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.118 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Tgt Ion: 88 Resp: 72393
 Ion Ratio Lower Upper
 88 100
 58 69.7 55.8 83.8
 43 30.9 22.7 34.1





#3

Pyridine

Concen: 43.607 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

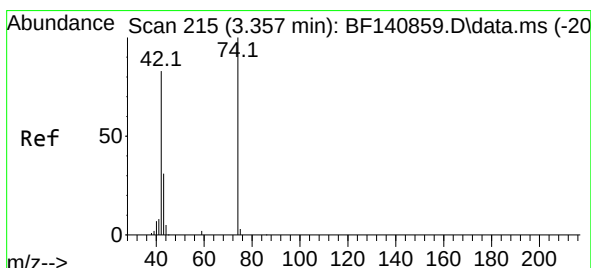
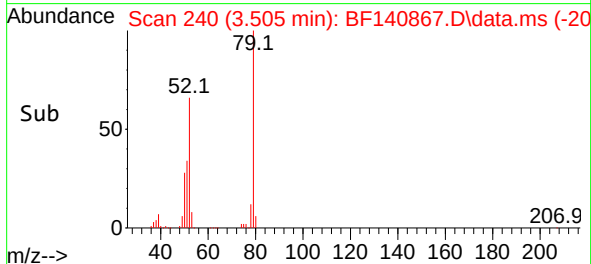
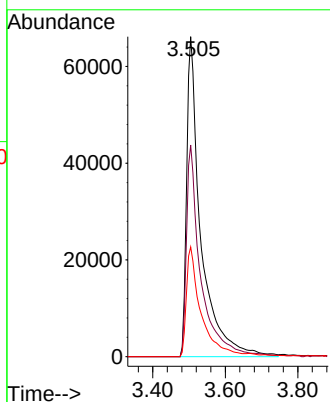
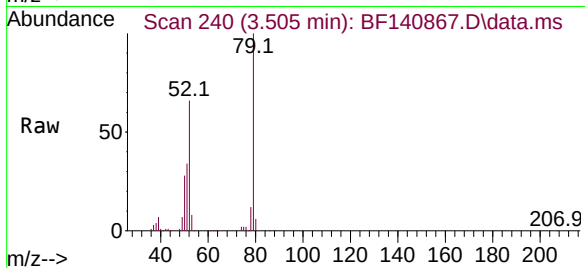
Tgt Ion: 79 Resp: 179905

Ion Ratio Lower Upper

79 100

52 66.2 51.7 77.5

51 34.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 50.529 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.106 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

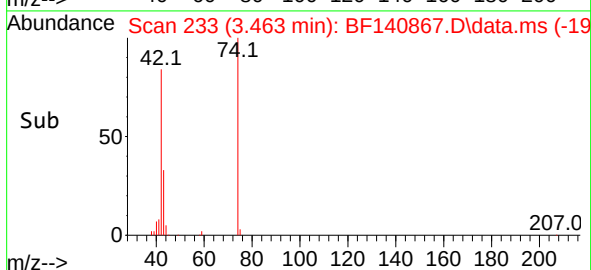
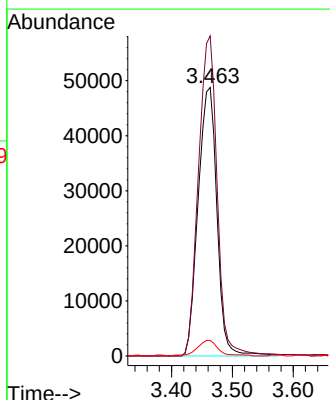
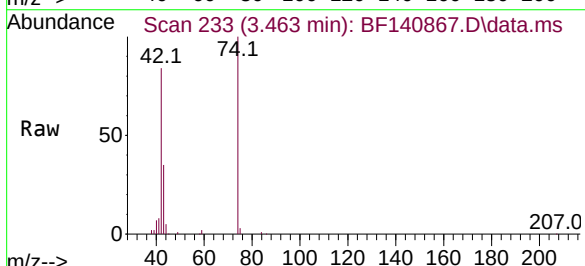
Tgt Ion: 42 Resp: 105089

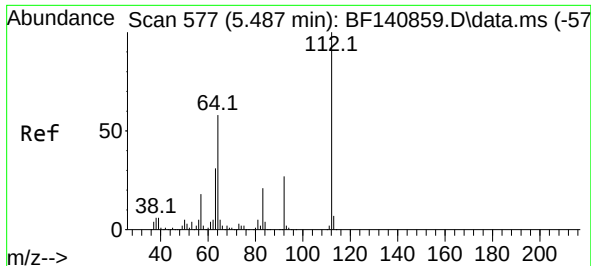
Ion Ratio Lower Upper

42 100

74 119.2 96.9 145.3

44 5.8 4.4 6.6

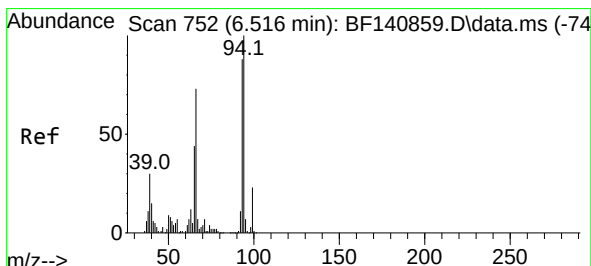
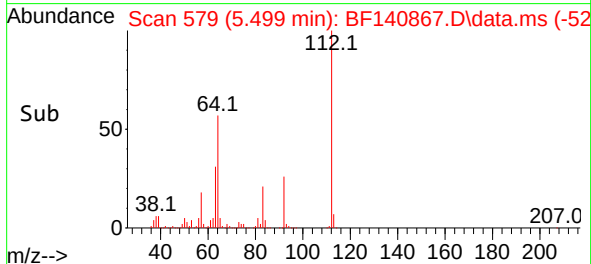
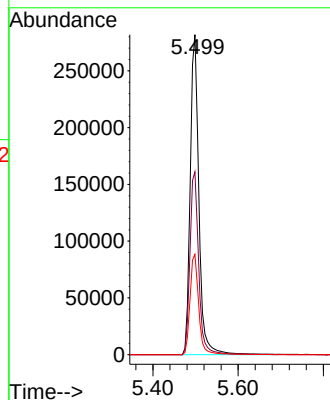
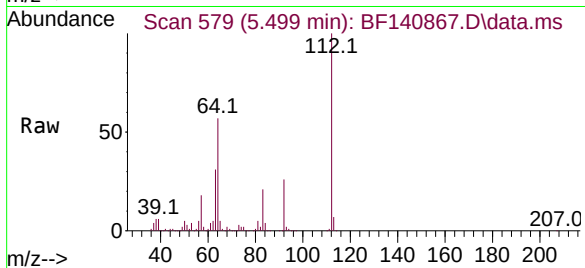




#5
2-Fluorophenol
Concen: 96.300 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

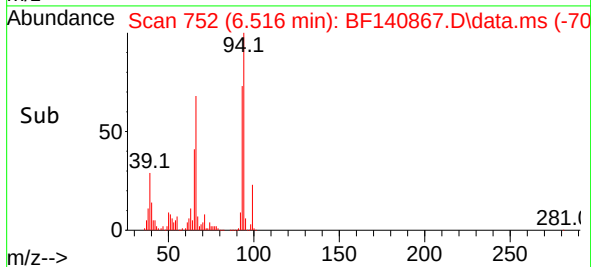
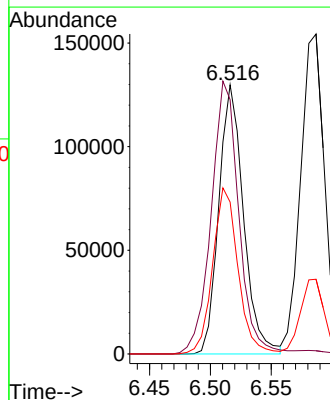
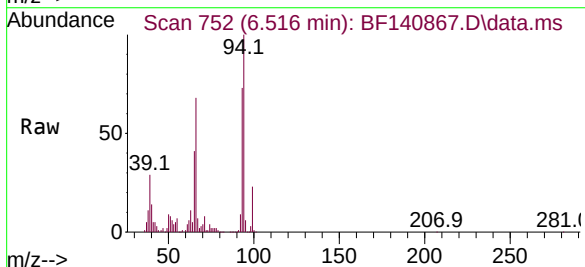
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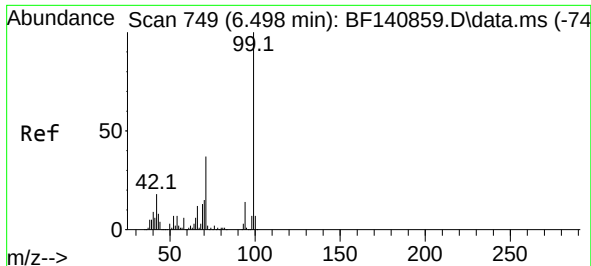
Tgt Ion:112 Resp: 398277
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 31.4 24.9 37.3



#6
Aniline
Concen: 39.073 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 93 Resp: 183007
Ion Ratio Lower Upper
93 100
66 94.4 67.0 100.4
65 56.4 40.4 60.6





#7

Phenol-d6

Concen: 92.236 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

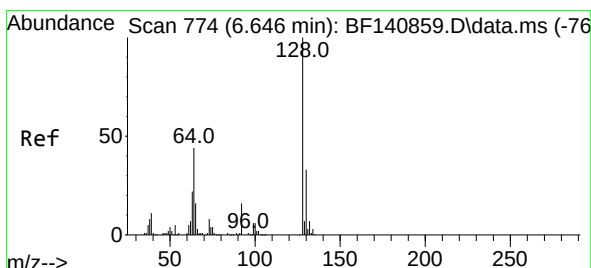
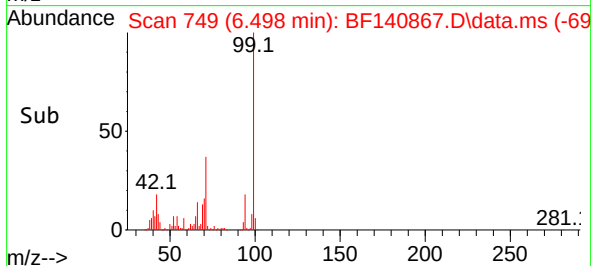
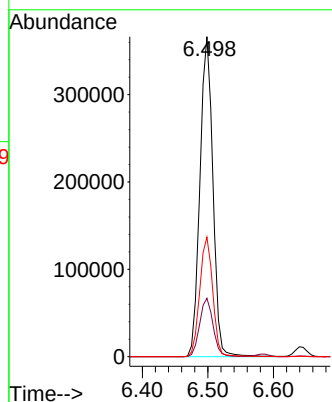
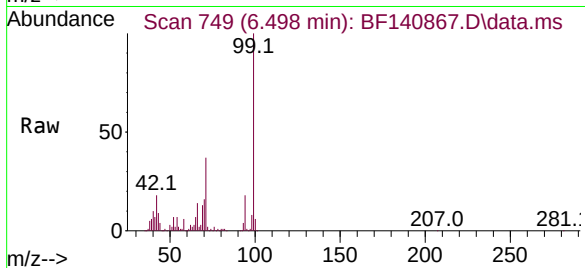
Tgt Ion: 99 Resp: 505259

Ion Ratio Lower Upper

99 100

42 18.3 14.3 21.5

71 37.4 29.9 44.9



#8

2-Chlorophenol

Concen: 49.612 ng

RT: 6.640 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF140867.D

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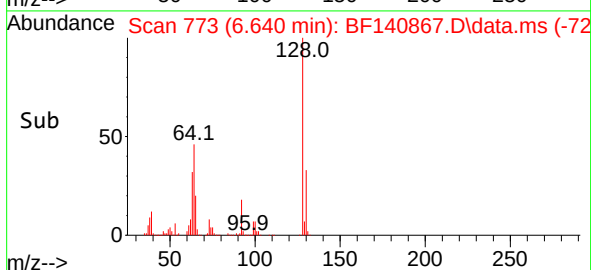
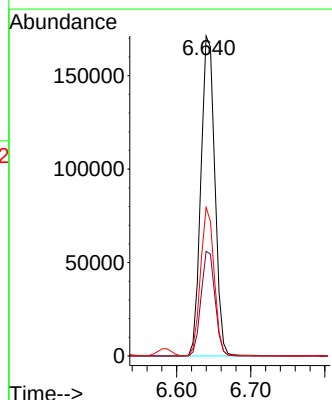
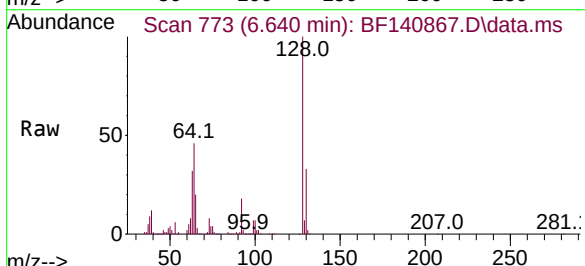
Tgt Ion: 128 Resp: 223754

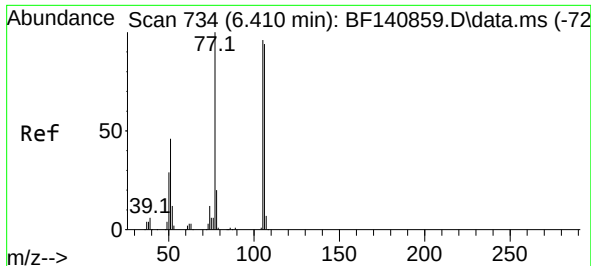
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 46.4 24.3 64.3

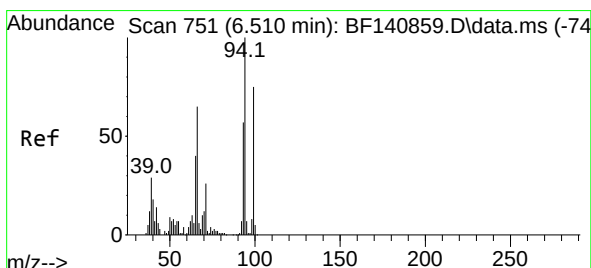
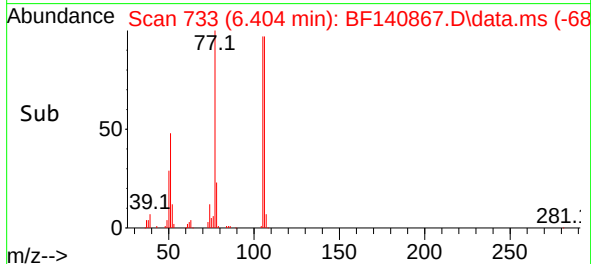
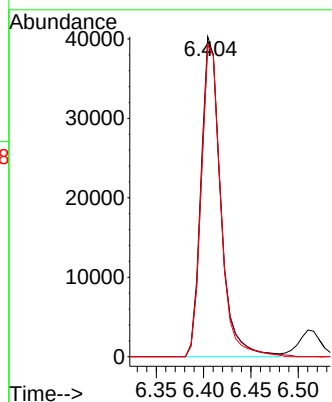
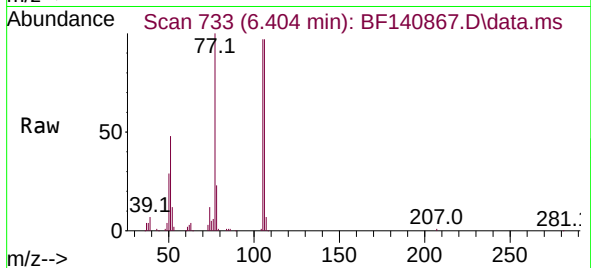




#9
Benzaldehyde
Concen: 19.129 ng
RT: 6.404 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF140867.D
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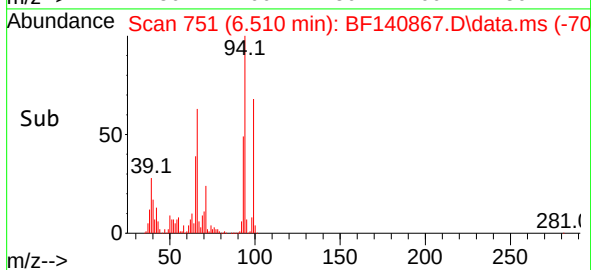
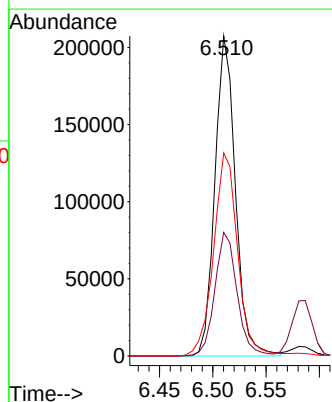
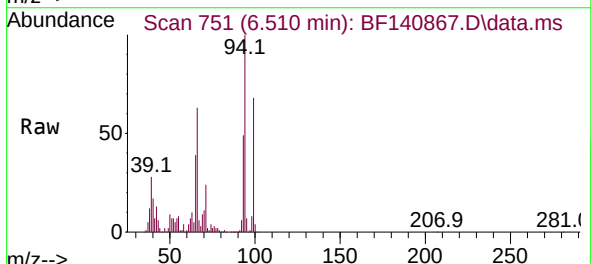
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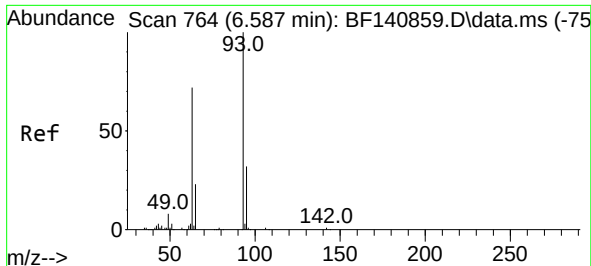
Tgt Ion: 77 Resp: 58061
Ion Ratio Lower Upper
77 100
105 97.5 75.8 115.8
106 97.5 74.1 114.1



#10
Phenol
Concen: 48.908 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
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Acq: 16 Dec 2024 18:26

Tgt Ion: 94 Resp: 277673
Ion Ratio Lower Upper
94 100
65 38.6 19.9 59.9
66 63.4 45.6 85.6

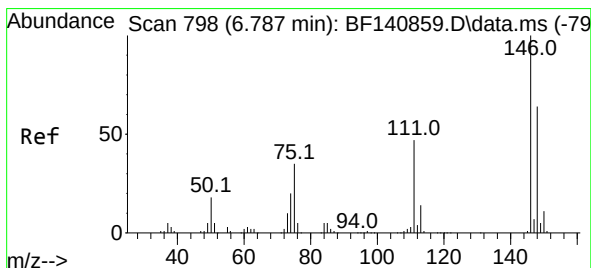
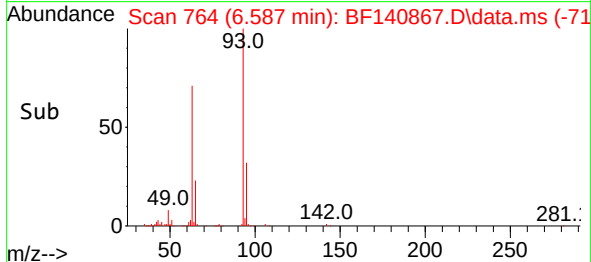
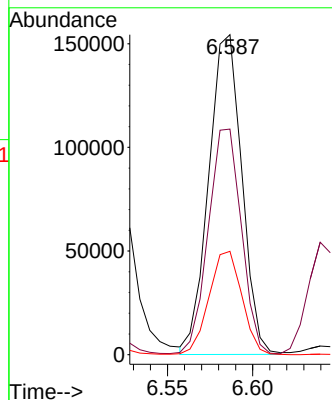
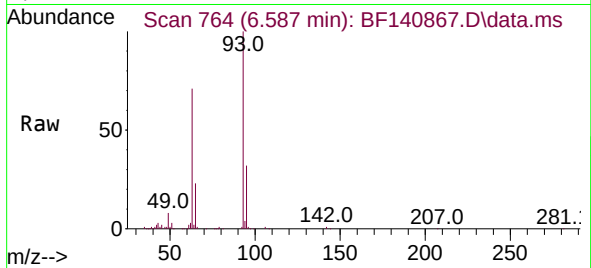




#11
bis(2-Chloroethyl)ether
Concen: 49.416 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

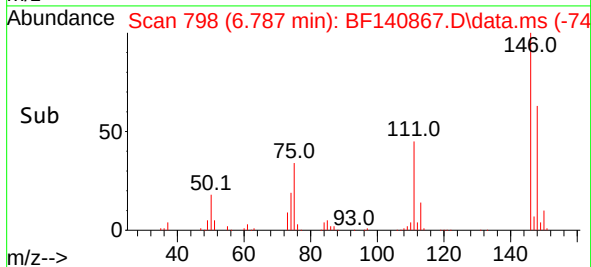
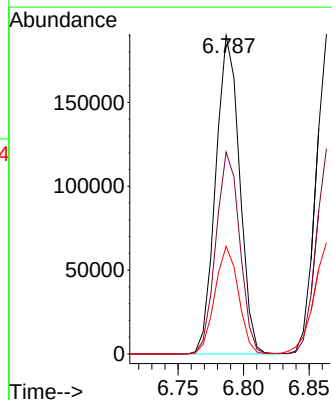
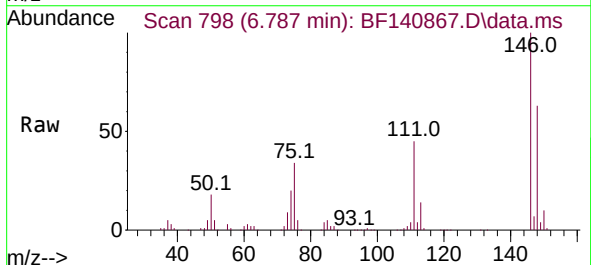
Instrument :
BNA_F
ClientSampleId :
PB165479BS

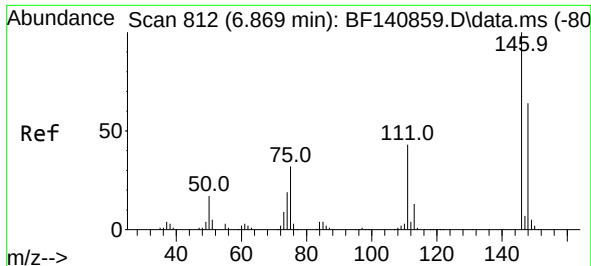
Tgt Ion: 93 Resp: 209228
Ion Ratio Lower Upper
93 100
63 70.5 51.0 91.0
95 32.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 46.627 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:146 Resp: 239625
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 33.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 46.385 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF140867.D

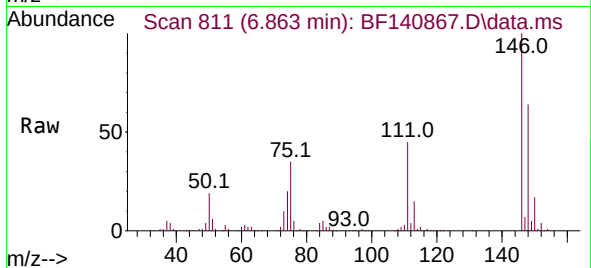
Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS



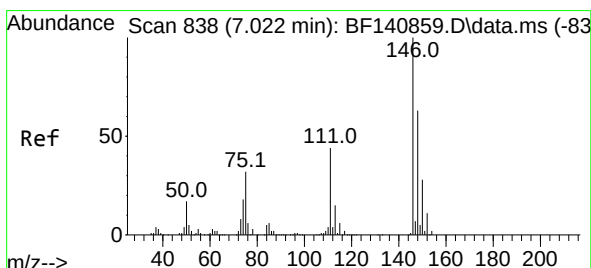
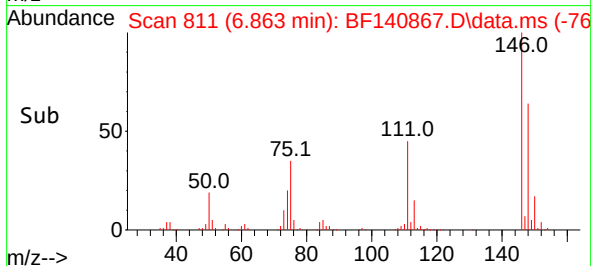
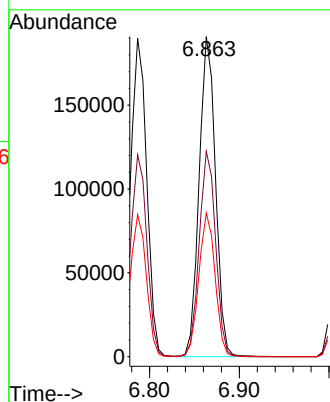
Tgt Ion:146 Resp: 241971

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 45.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.146 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

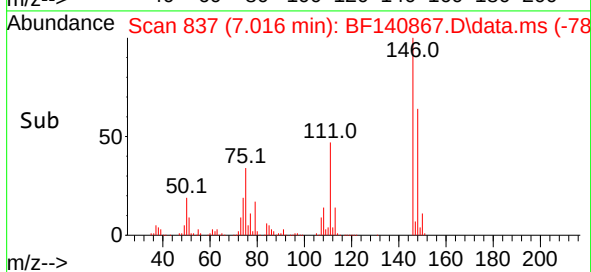
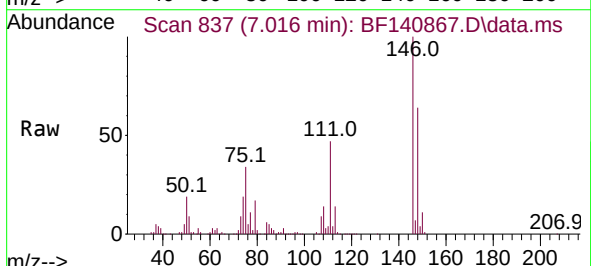
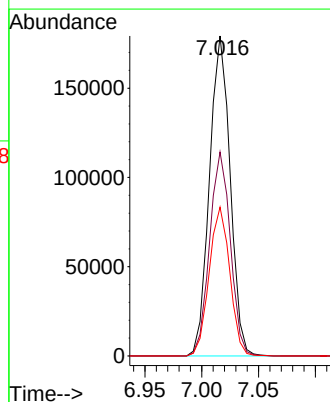
Tgt Ion:146 Resp: 227129

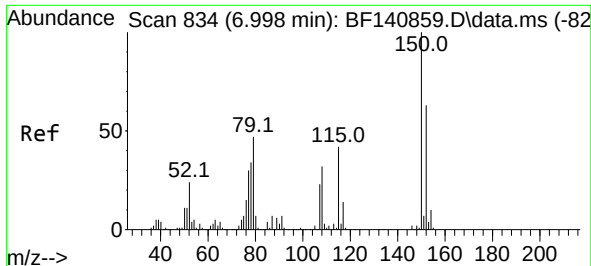
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 46.5 35.6 53.4

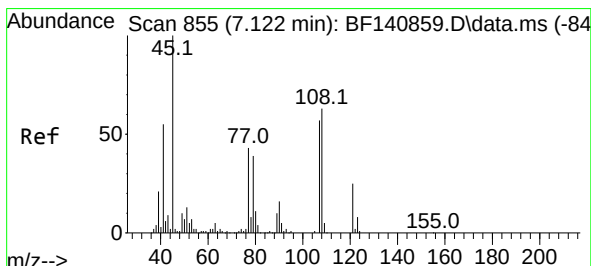
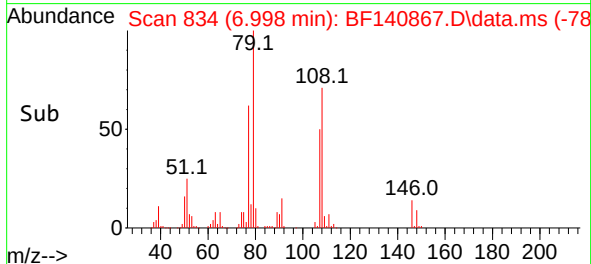
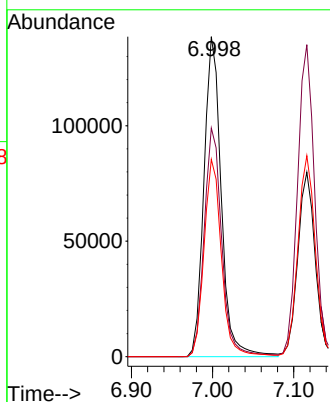
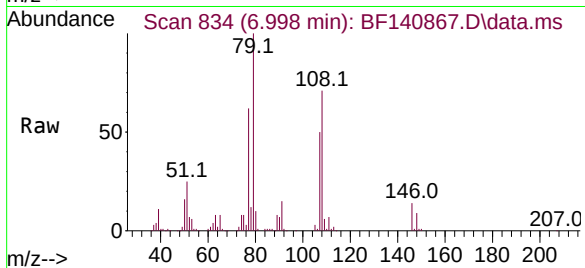




#15
Benzyl Alcohol
Concen: 52.329 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

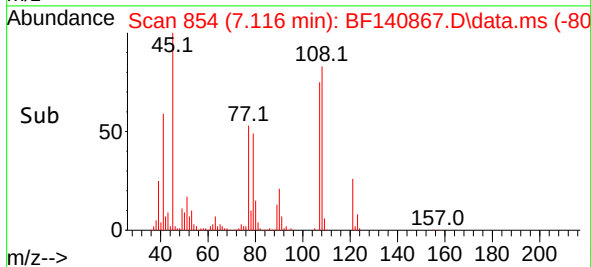
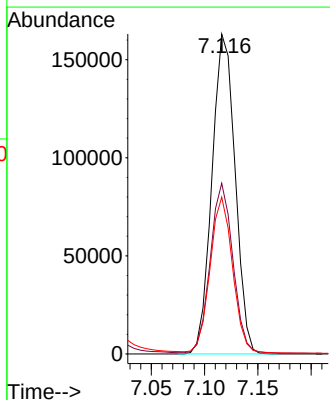
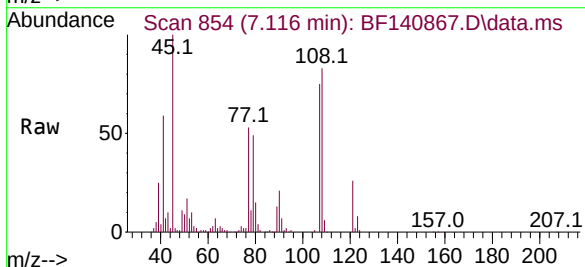
Instrument :
BNA_F
ClientSampleId :
PB165479BS

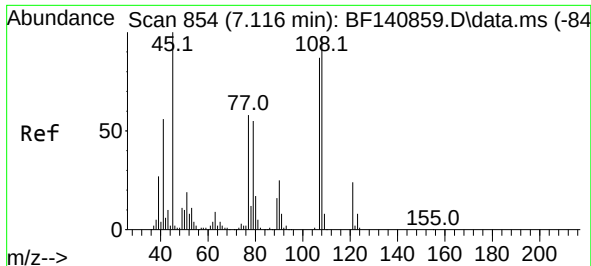
Tgt Ion: 79 Resp: 204958
Ion Ratio Lower Upper
79 100
108 71.4 55.1 82.7
77 61.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.367 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

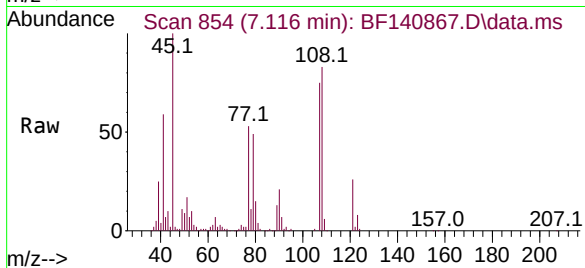
Tgt Ion: 45 Resp: 246230
Ion Ratio Lower Upper
45 100
77 53.3 23.3 63.3
79 49.0 20.0 60.0



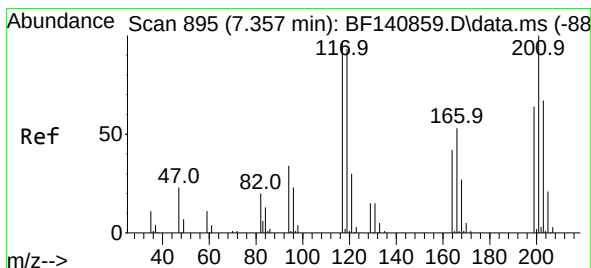
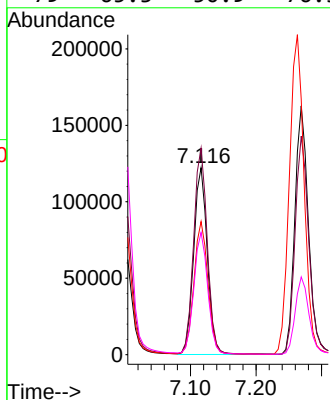
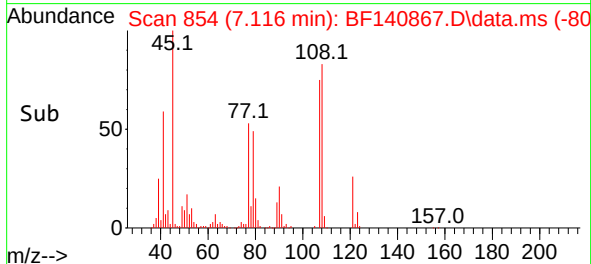


#17
2-Methylphenol
Concen: 49.167 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
PB165479BS

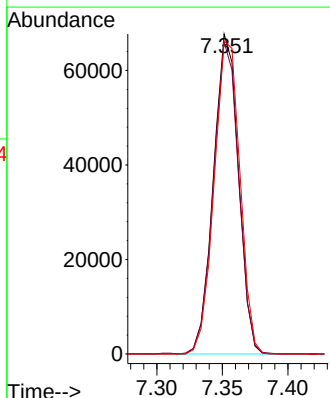
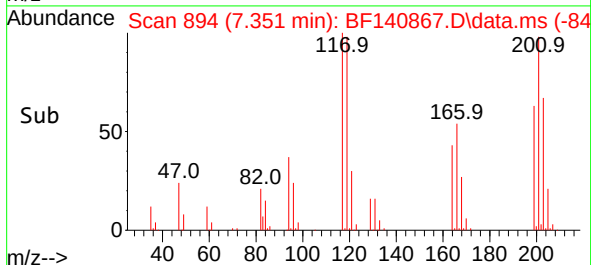
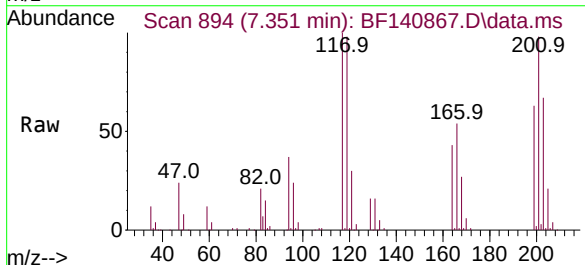


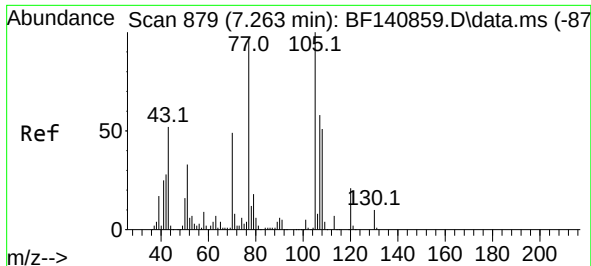
Tgt Ion:	107	Resp:	177038
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.2	135.4
77	71.1	53.8	80.6
79	65.3	50.9	76.3



#18
Hexachloroethane
Concen: 46.175 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:	117	Resp:	89672
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	97.9	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 49.326 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

Tgt Ion: 70 Resp: 162081

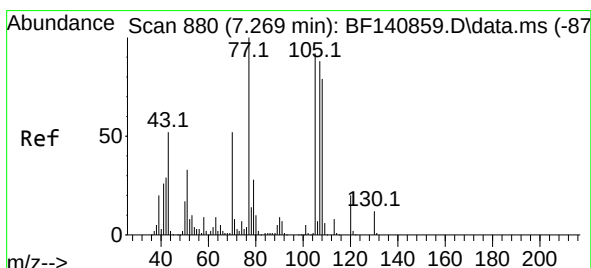
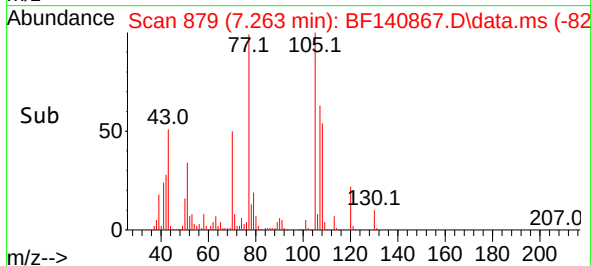
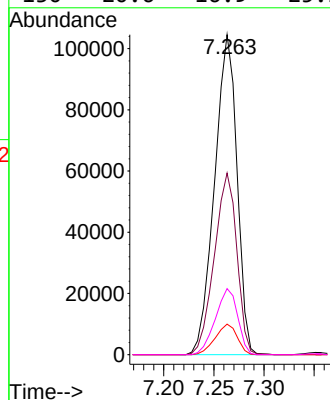
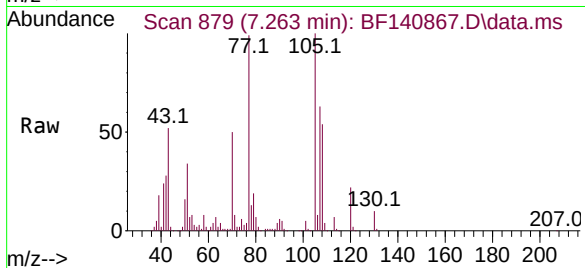
Ion Ratio Lower Upper

70 100

42 56.7 45.3 67.9

101 9.5 8.0 12.0

130 20.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 49.220 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion: 107 Resp: 235014

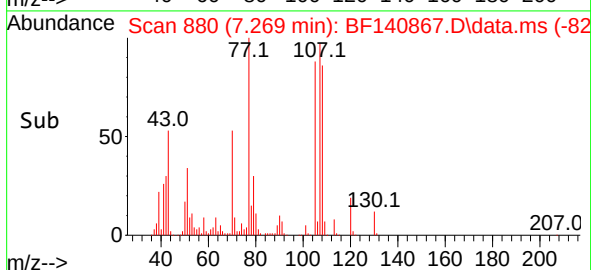
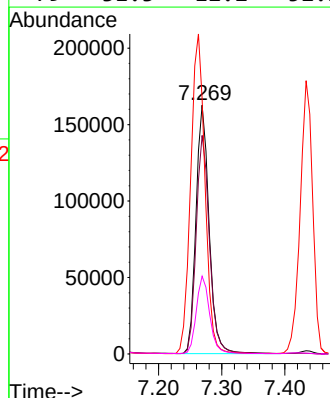
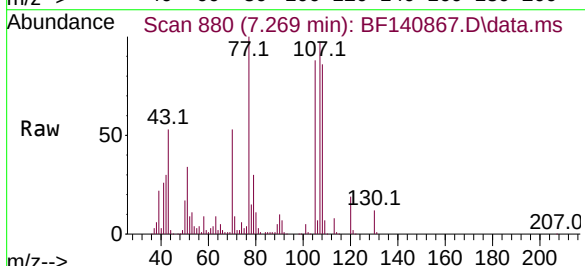
Ion Ratio Lower Upper

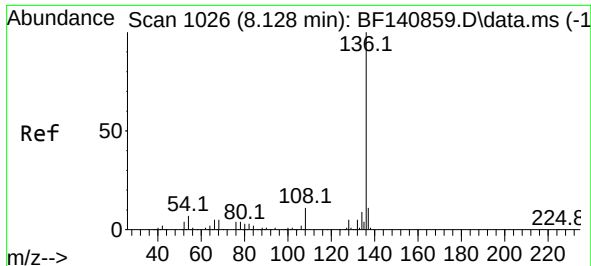
107 100

108 87.8 70.1 110.1

77 102.6 94.4 134.4

79 31.3 12.2 52.2

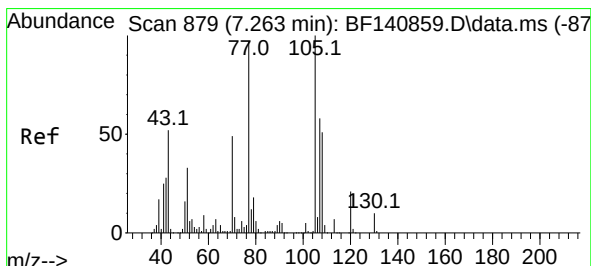
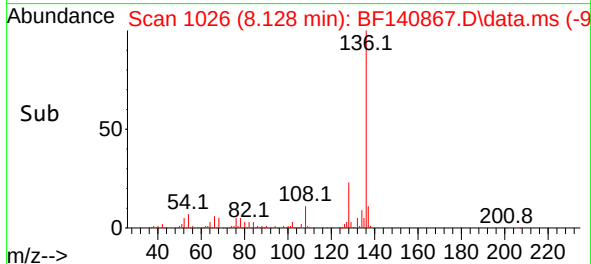
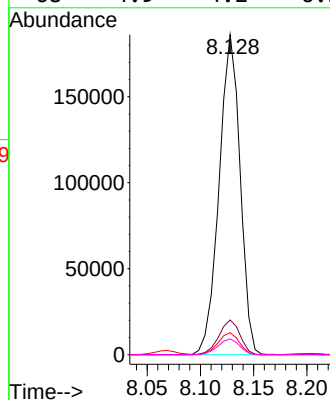
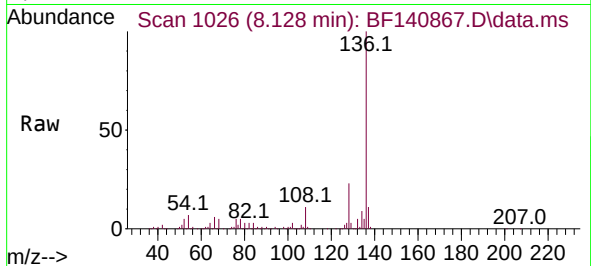




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

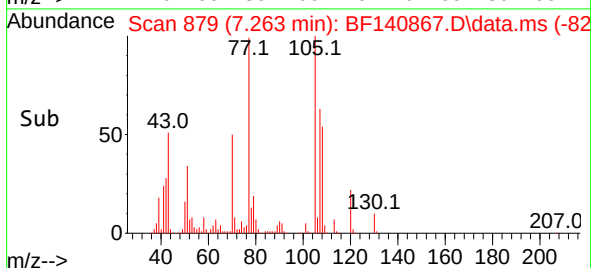
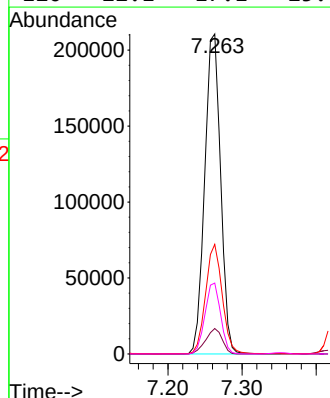
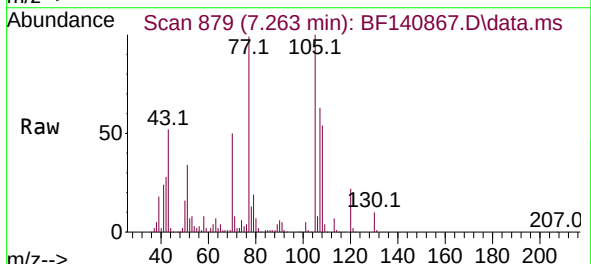
Instrument :
BNA_F
ClientSampleId :
PB165479BS

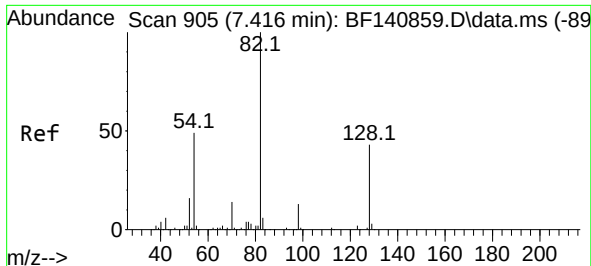
Tgt Ion:	136	Resp:	254612
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.6	8.4
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 49.327 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:	105	Resp:	314177
Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.2	9.4
51	34.2	26.3	39.5
120	22.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 96.866 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

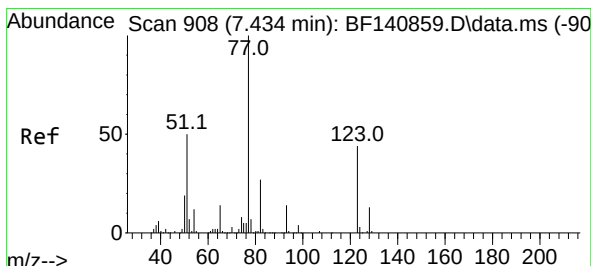
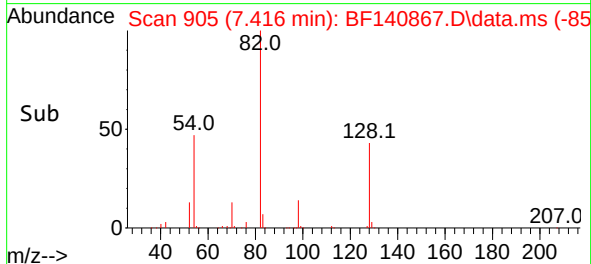
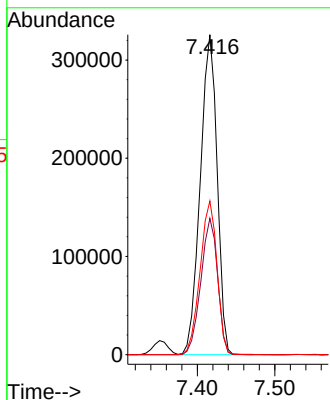
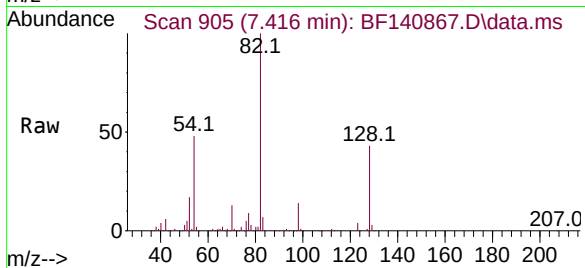
Tgt Ion: 82 Resp: 492959

Ion Ratio Lower Upper

82 100

128 42.6 34.4 51.6

54 48.0 38.8 58.2



#24

Nitrobenzene

Concen: 46.994 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

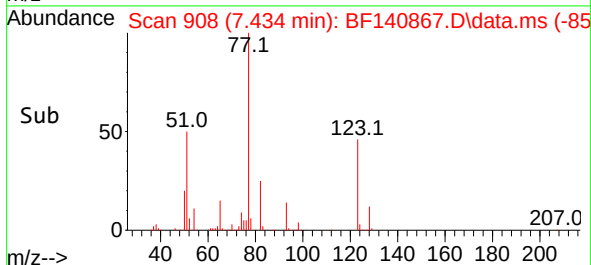
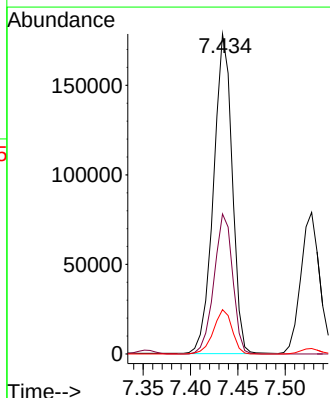
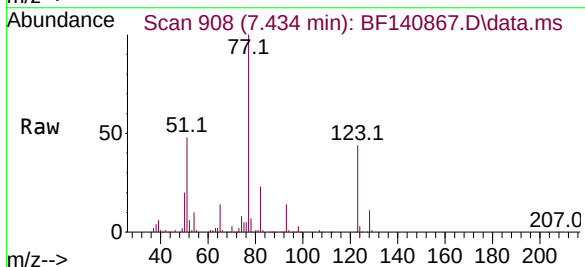
Tgt Ion: 77 Resp: 245009

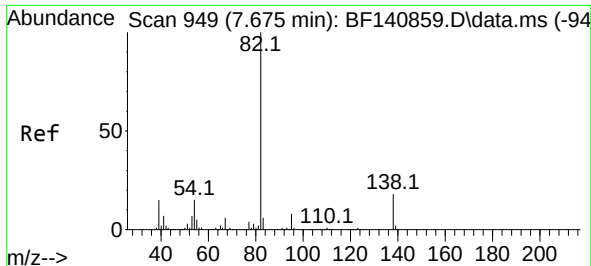
Ion Ratio Lower Upper

77 100

123 43.7 35.0 52.4

65 13.9 11.4 17.0

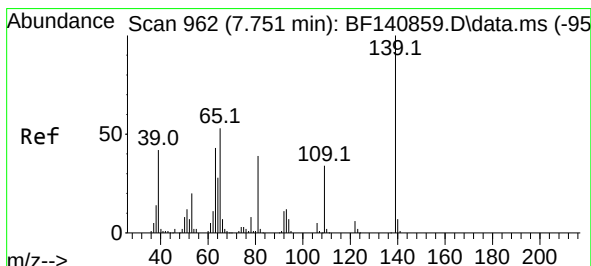
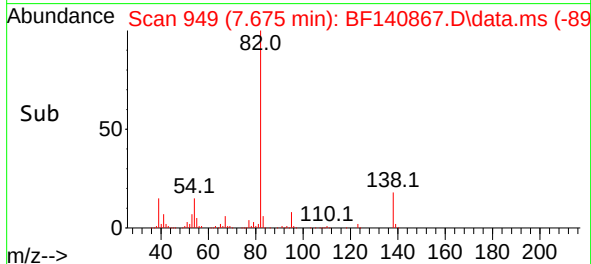
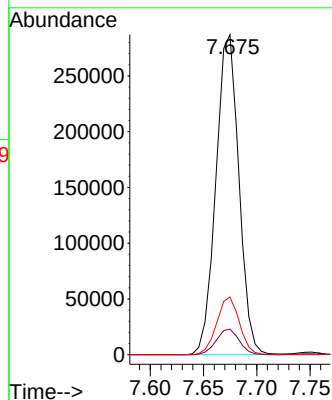
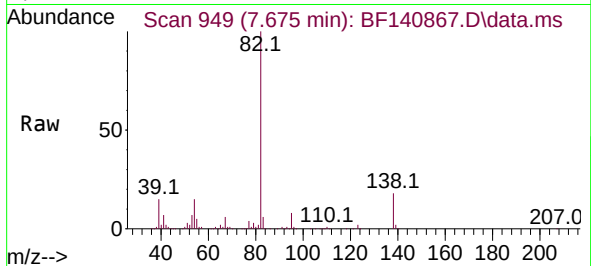




#25
Isophorone
Concen: 50.474 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

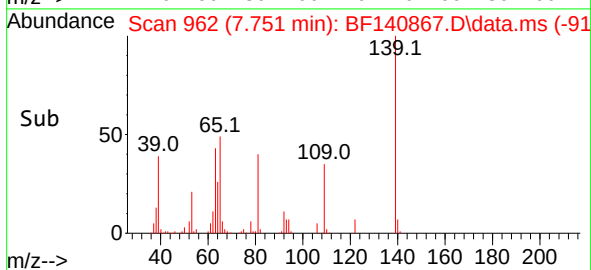
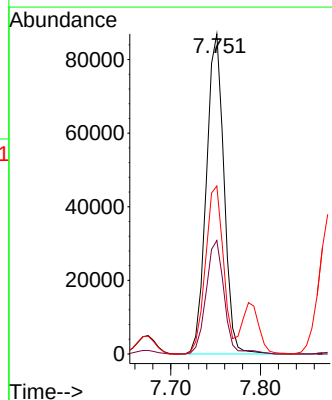
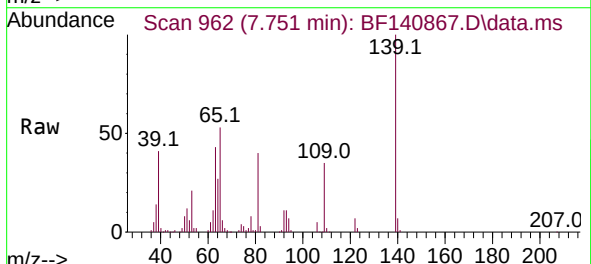
Instrument :
BNA_F
ClientSampleId :
PB165479BS

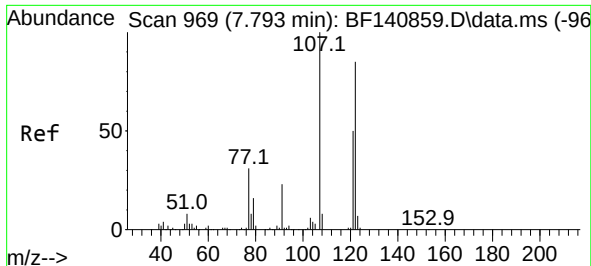
Tgt Ion: 82 Resp: 430396
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.0 14.1 21.1



#26
2-Nitrophenol
Concen: 49.271 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:139 Resp: 118309
Ion Ratio Lower Upper
139 100
109 35.4 26.9 40.3
65 52.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 59.532 ng

RT: 7.787 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

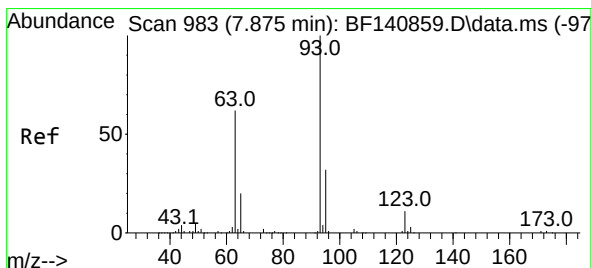
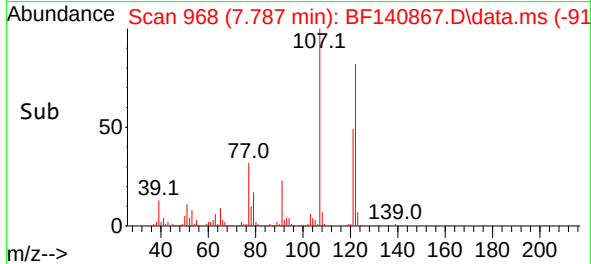
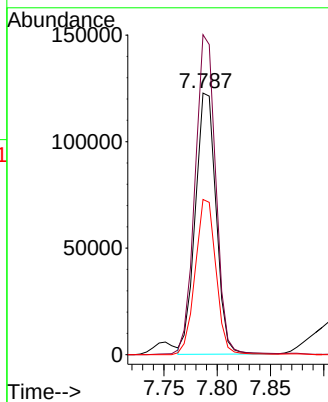
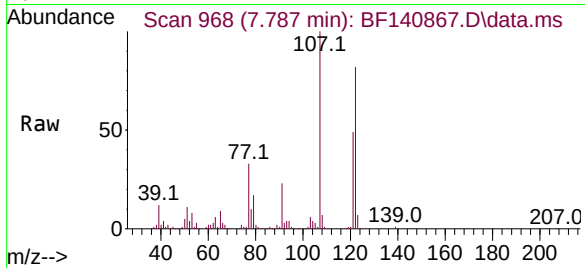
Tgt Ion:122 Resp: 166942

Ion Ratio Lower Upper

122 100

107 122.3 92.6 139.0

121 59.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.747 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

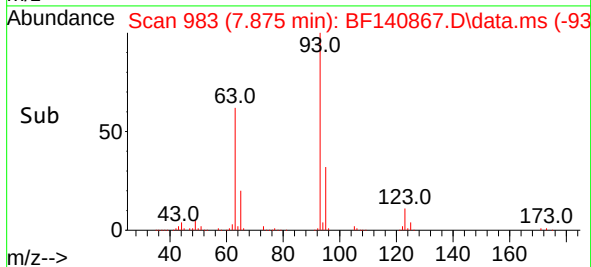
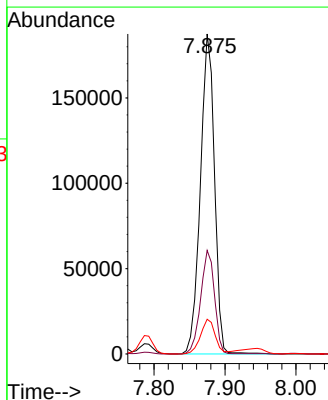
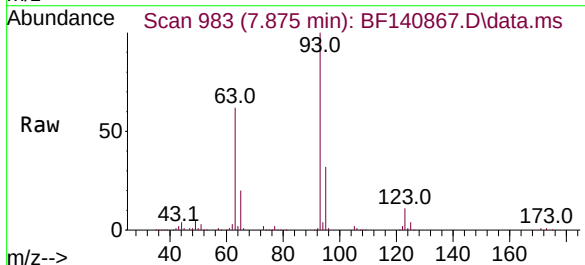
Tgt Ion: 93 Resp: 259615

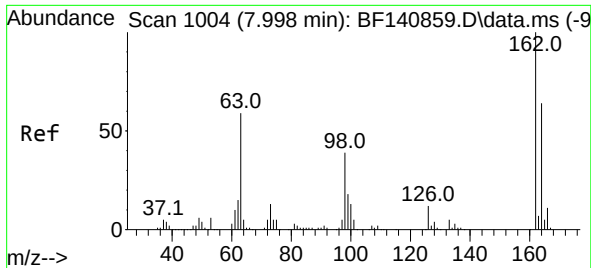
Ion Ratio Lower Upper

93 100

95 32.4 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 48.872 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

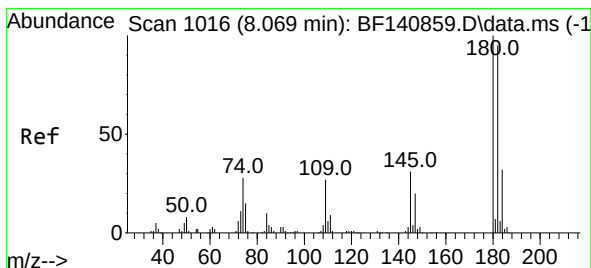
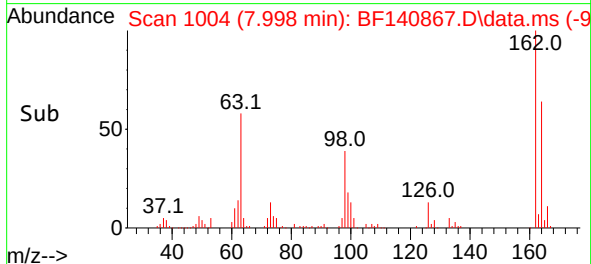
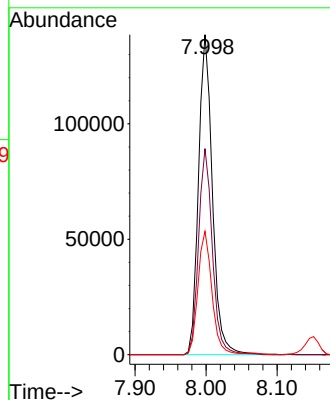
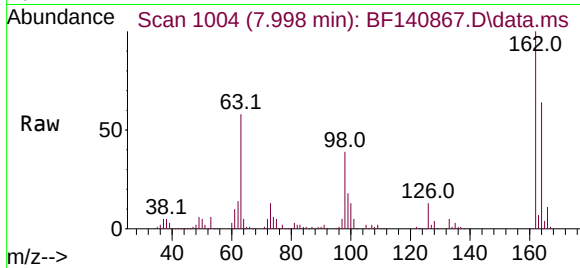
Tgt Ion:162 Resp: 189211

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.451 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

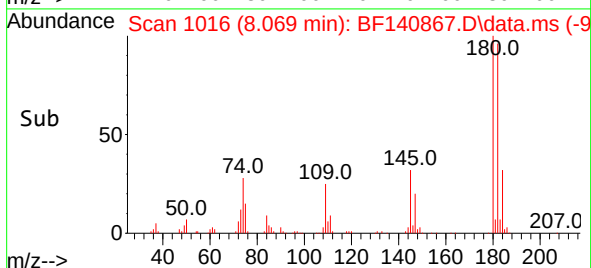
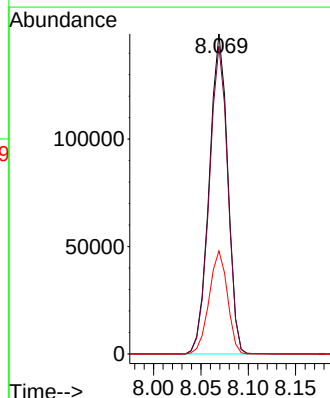
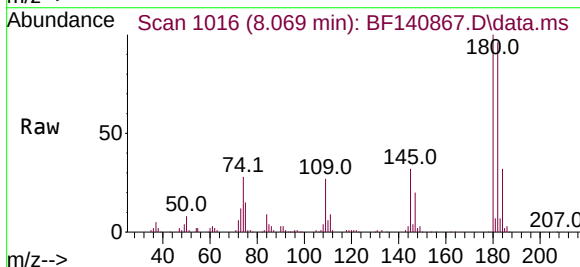
Tgt Ion:180 Resp: 201718

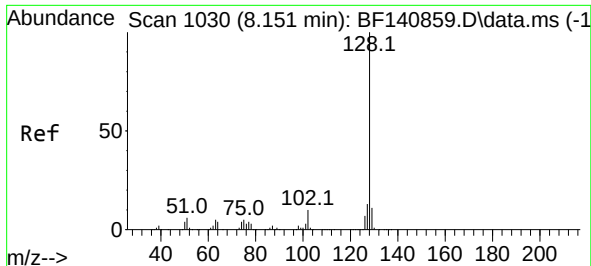
Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.6

145 32.2 25.2 37.8

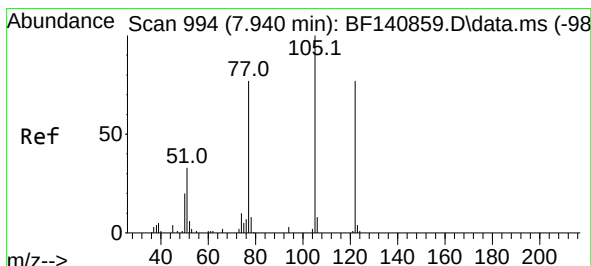
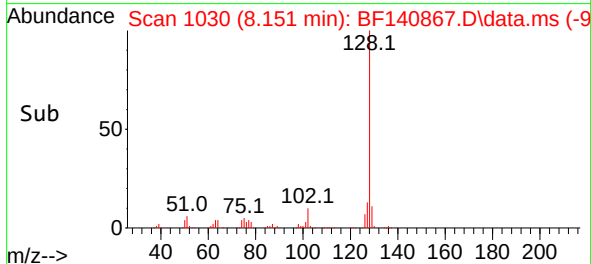
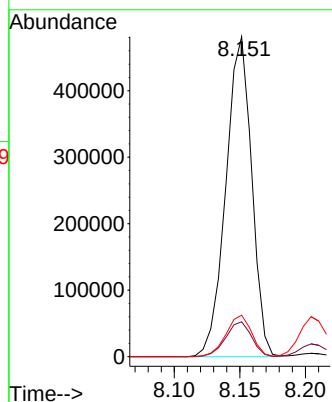
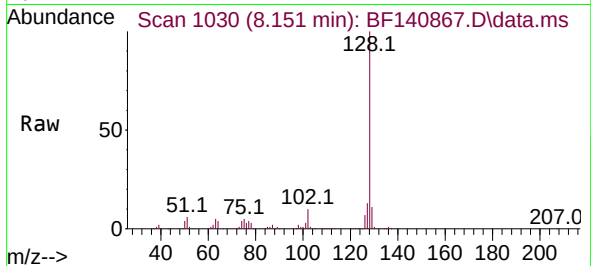




#31
Naphthalene
Concen: 47.086 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

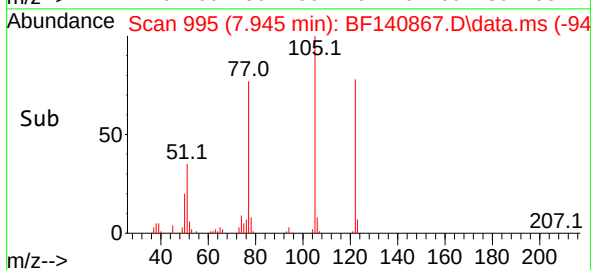
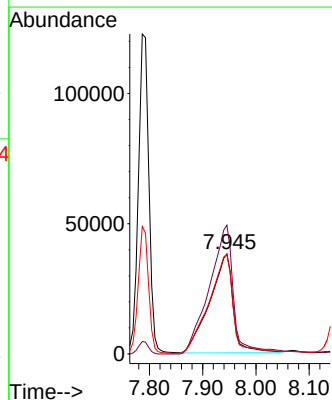
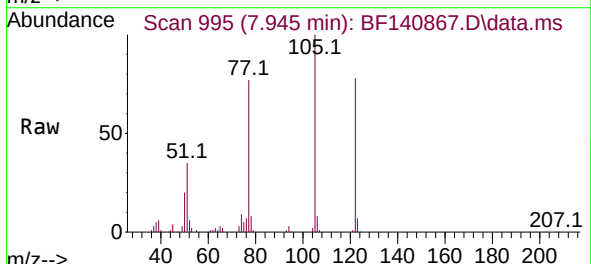
Instrument :
BNA_F
ClientSampleId :
PB165479BS

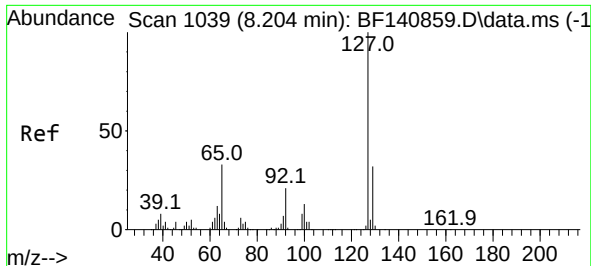
Tgt Ion:128 Resp: 658553
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 43.825 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:122 Resp: 116554
Ion Ratio Lower Upper
122 100
105 128.6 108.3 148.3
77 99.4 78.8 118.8

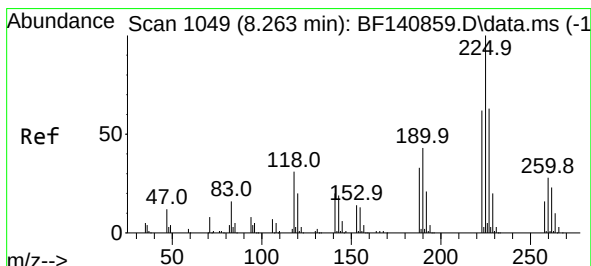
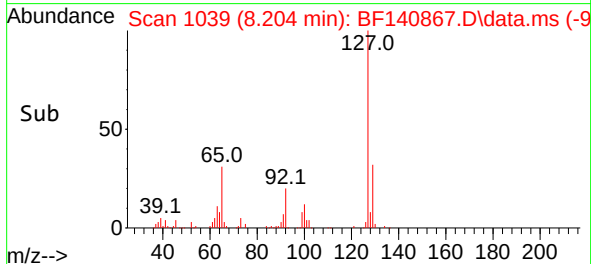
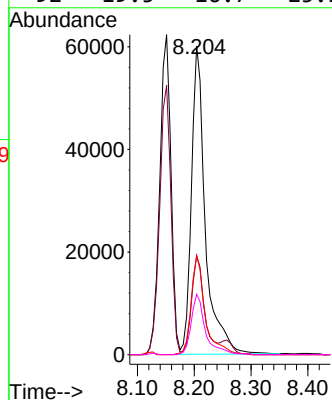
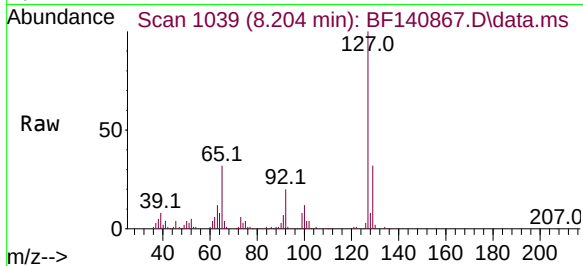




#33
4-Chloroaniline
Concen: 22.063 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

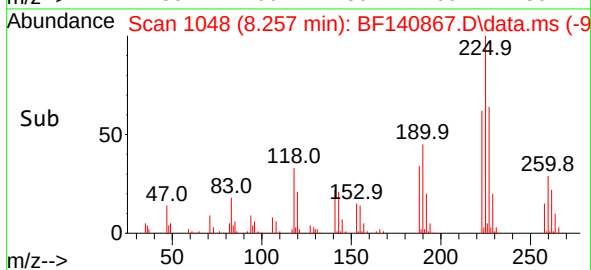
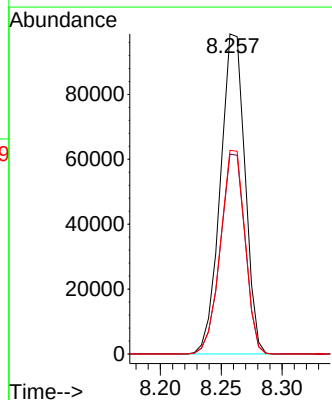
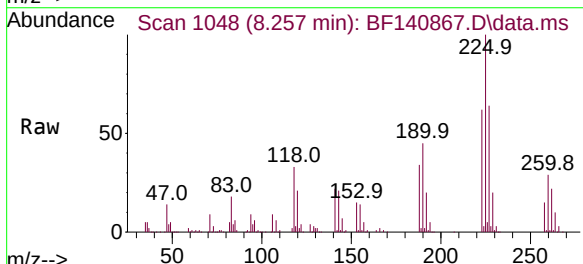
Instrument :
BNA_F
ClientSampleId :
PB165479BS

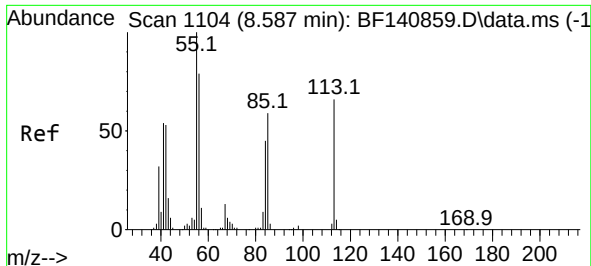
Tgt Ion:	127	Resp:	102486
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	32.1	26.0	39.0
92	19.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 46.439 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:	225	Resp:	138666
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.6	74.4
227	63.6	50.7	76.1

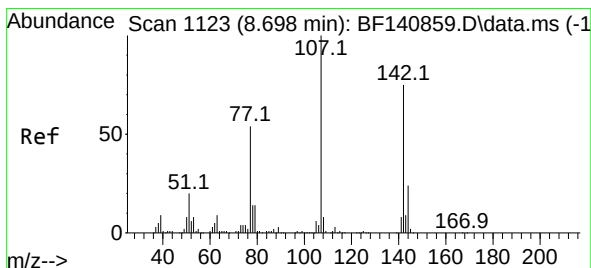
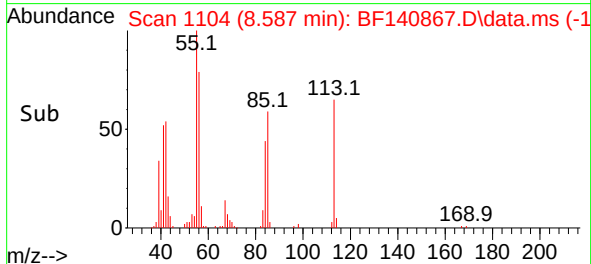
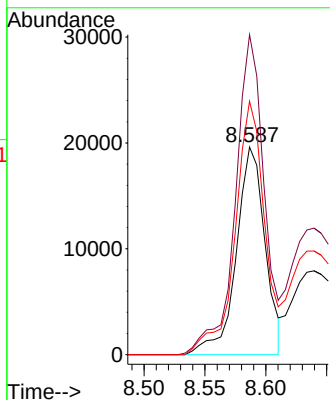
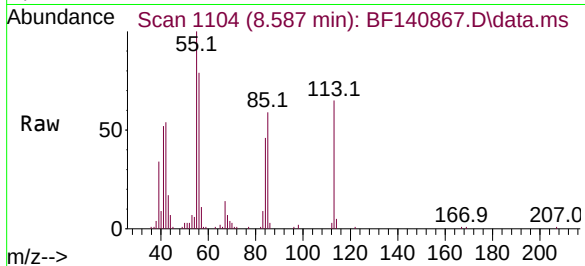




#35
 Caprolactam
 Concen: 28.019 ng
 RT: 8.587 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

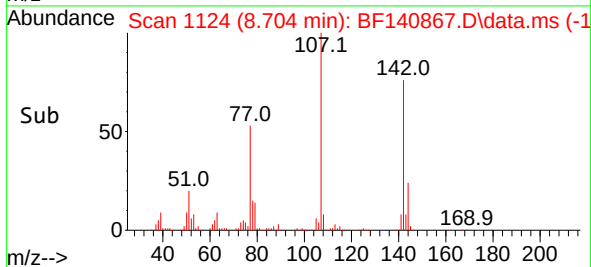
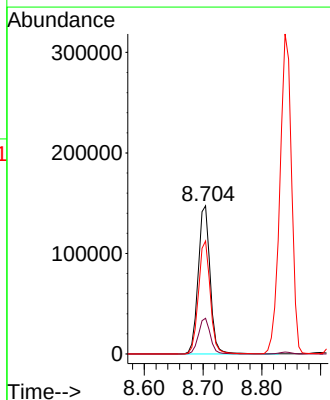
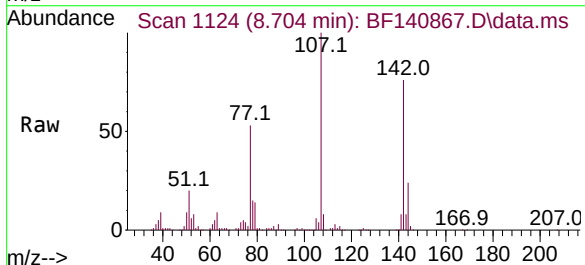
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

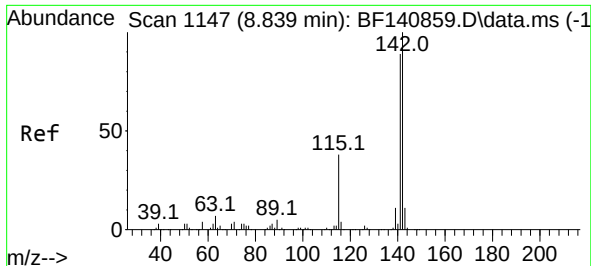
Tgt Ion:113 Resp: 32294
 Ion Ratio Lower Upper
 113 100
 55 154.1 132.3 172.3
 56 122.1 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.685 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Tgt Ion:107 Resp: 207785
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.4 29.2
 142 76.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 47.219 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

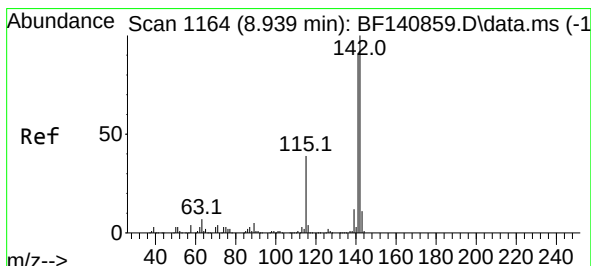
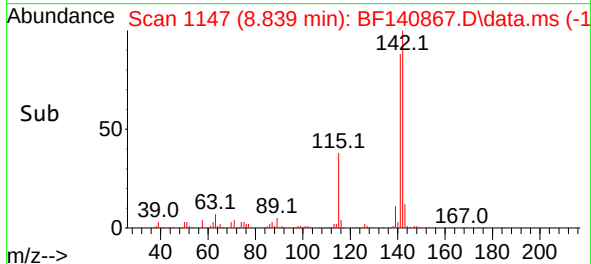
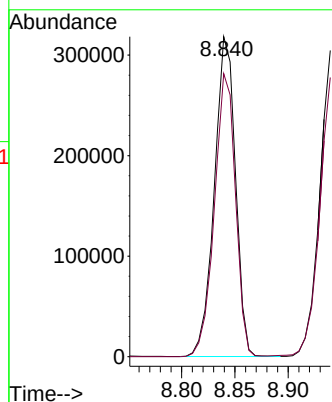
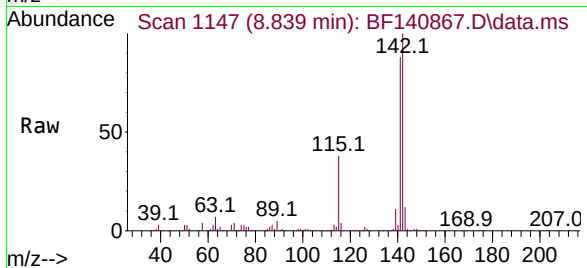
PB165479BS

Tgt Ion:142 Resp: 436861

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.441 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140867.D

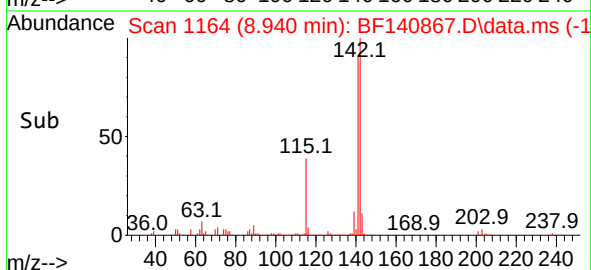
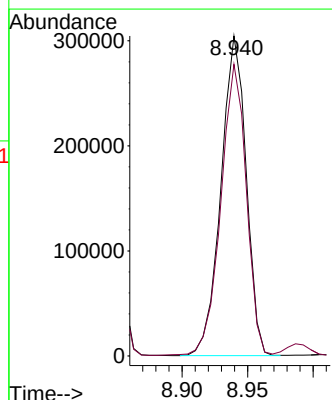
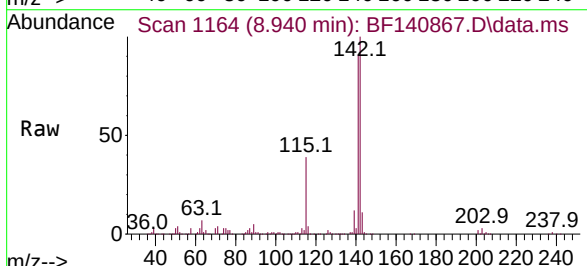
Acq: 16 Dec 2024 18:26

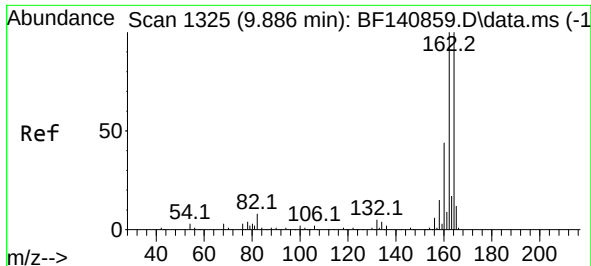
Tgt Ion:142 Resp: 406632

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0

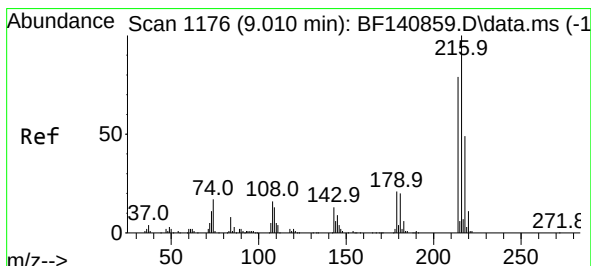
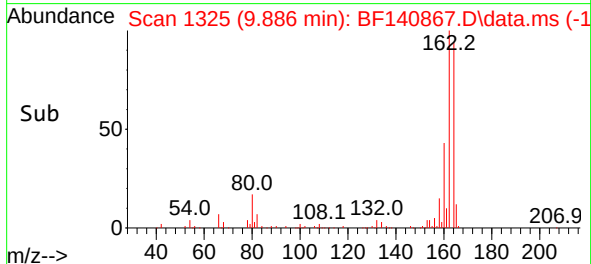
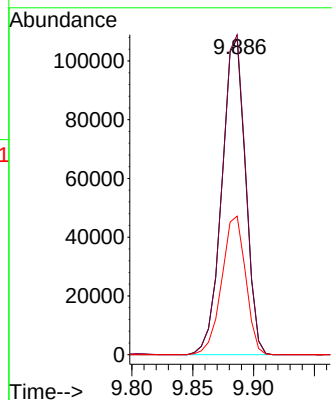
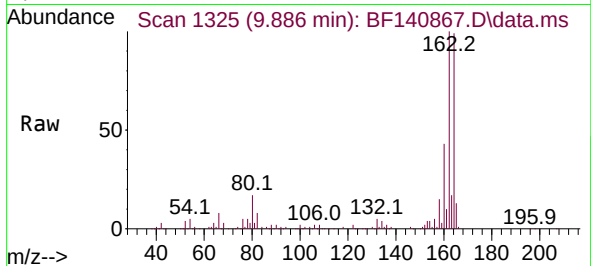




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

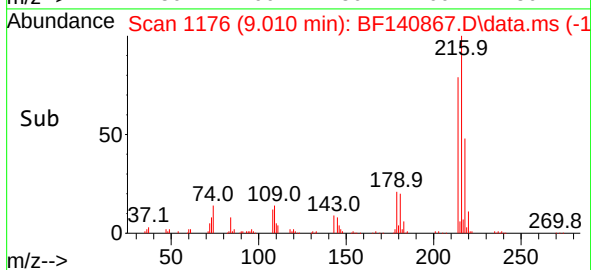
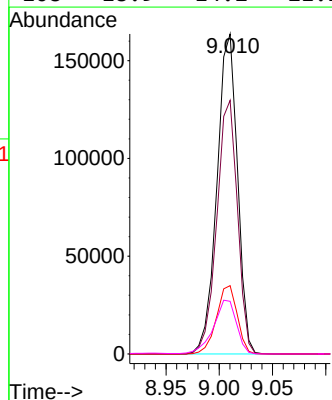
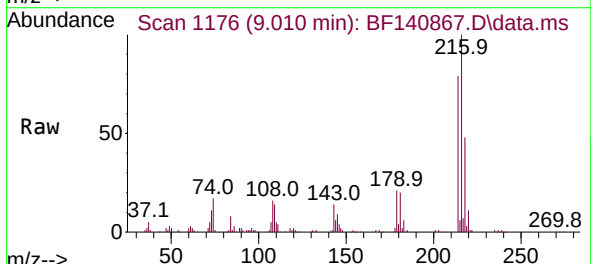
Instrument :
BNA_F
ClientSampleId :
PB165479BS

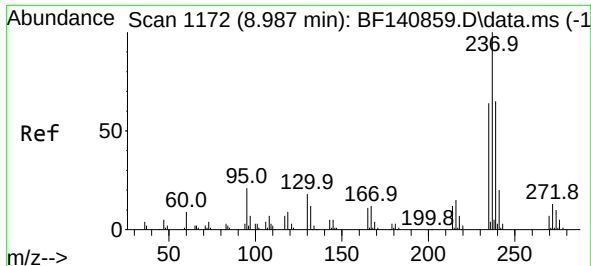
Tgt Ion:164 Resp: 145533
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 43.9 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.934 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:216 Resp: 218888
Ion Ratio Lower Upper
216 100
214 79.6 63.6 95.4
179 21.5 17.0 25.4
108 18.9 14.2 21.2

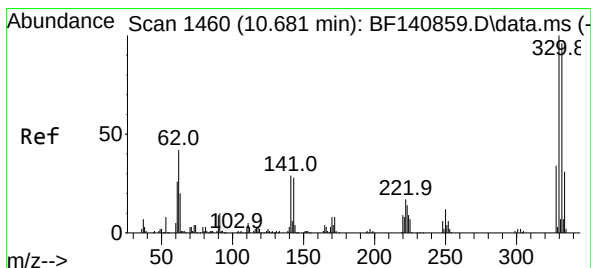
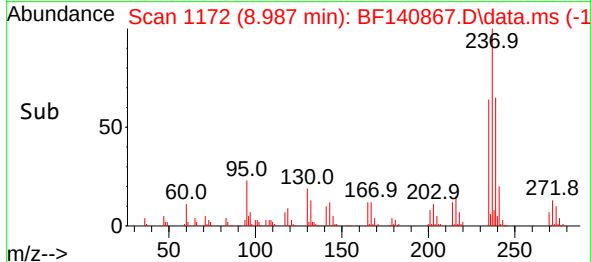
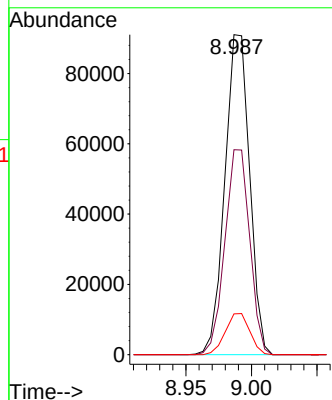
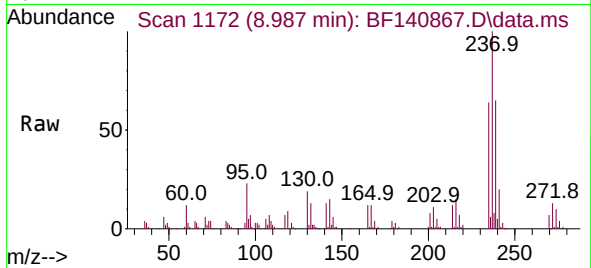




#41
Hexachlorocyclopentadiene
Concen: 76.612 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

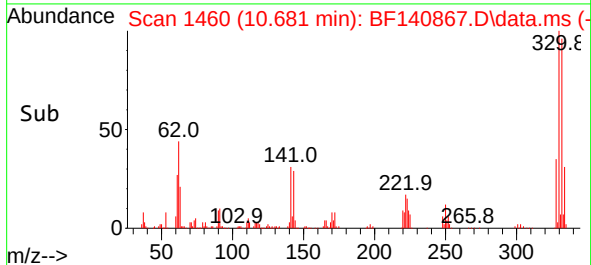
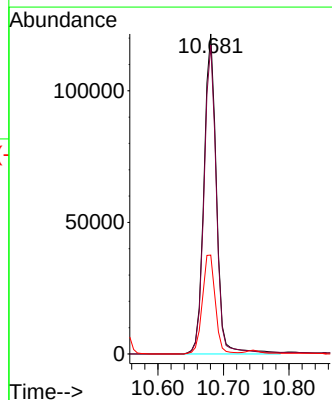
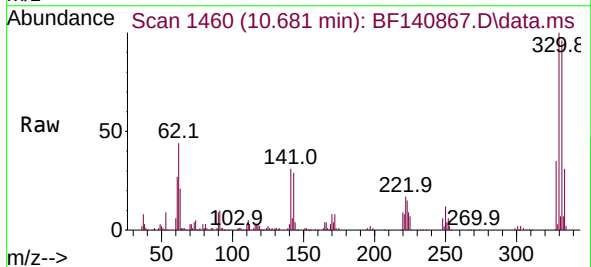
Instrument :
BNA_F
ClientSampleId :
PB165479BS

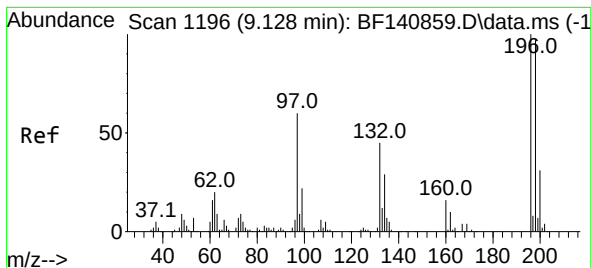
Tgt Ion:237 Resp: 119635
Ion Ratio Lower Upper
237 100
235 64.0 43.7 83.7
272 12.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 94.203 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:330 Resp: 162146
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 31.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 47.754 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

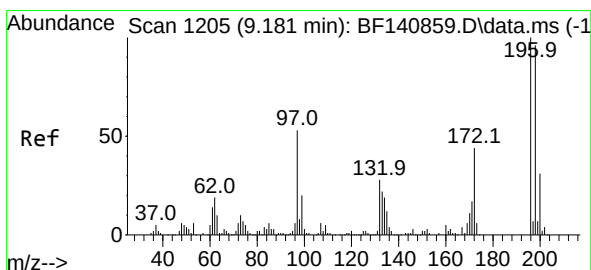
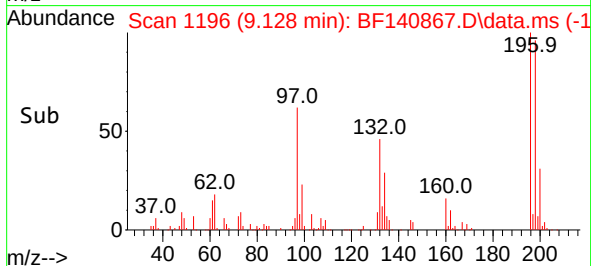
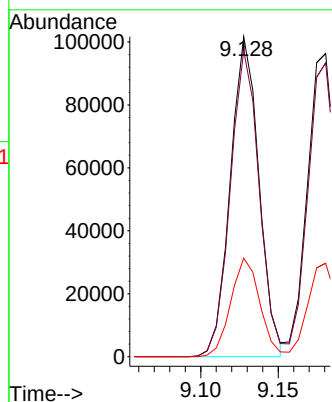
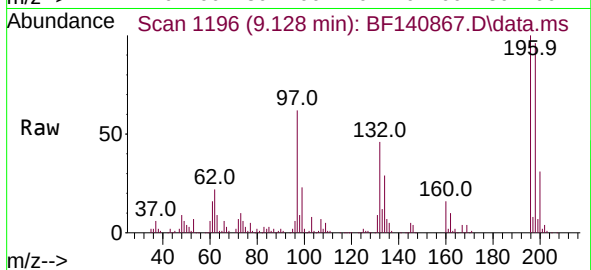
Tgt Ion:196 Resp: 130798

Ion Ratio Lower Upper

196 100

198 95.7 77.4 116.0

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.266 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:196 Resp: 139286

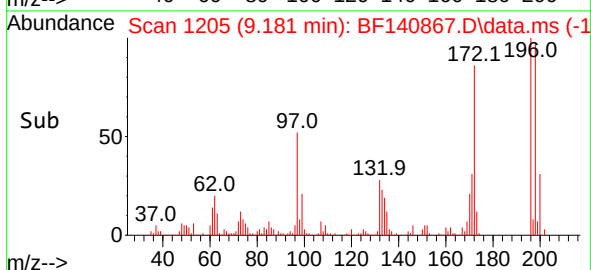
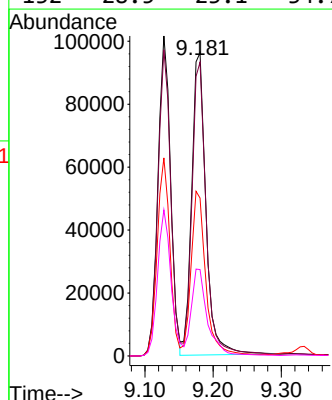
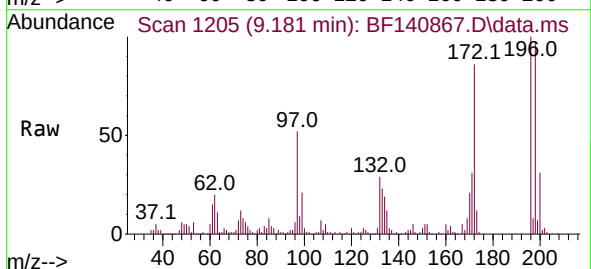
Ion Ratio Lower Upper

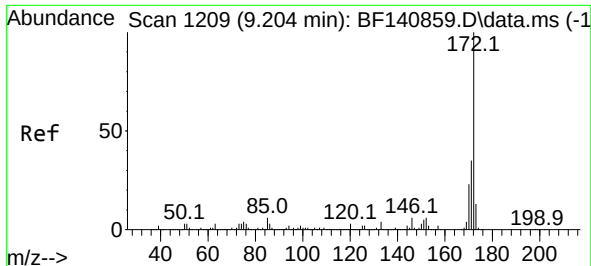
196 100

198 96.9 77.2 115.8

97 52.1 42.2 63.4

132 28.5 23.1 34.7

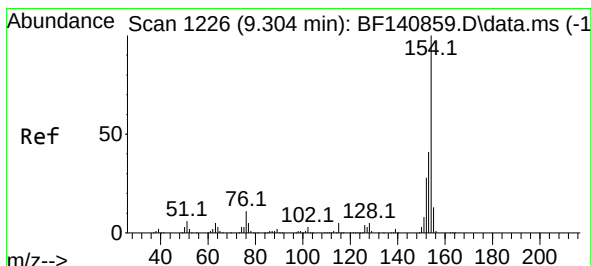
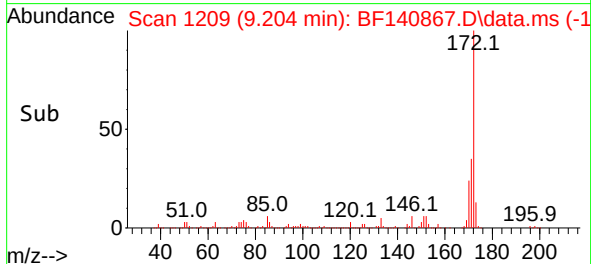
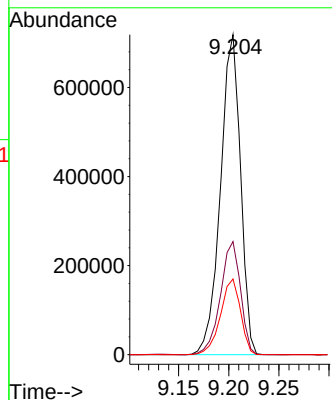
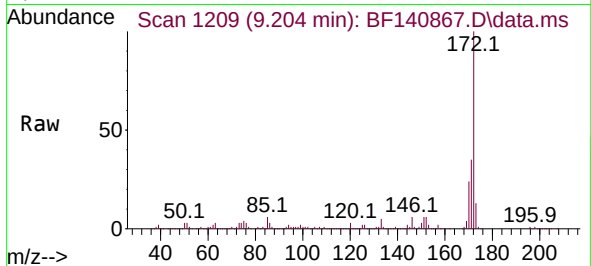




#45
2-Fluorobiphenyl
Concen: 94.195 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

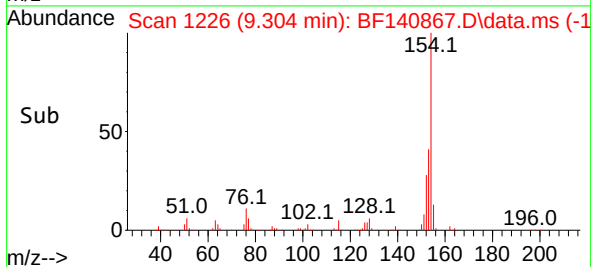
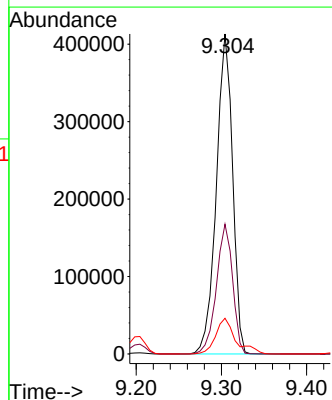
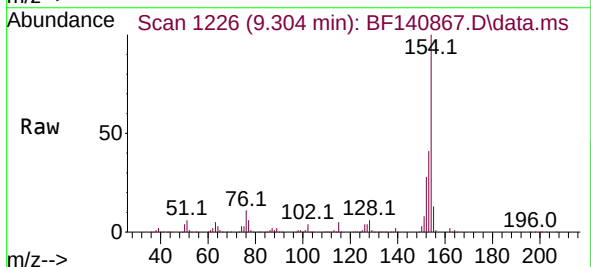
Instrument :
BNA_F
ClientSampleId :
PB165479BS

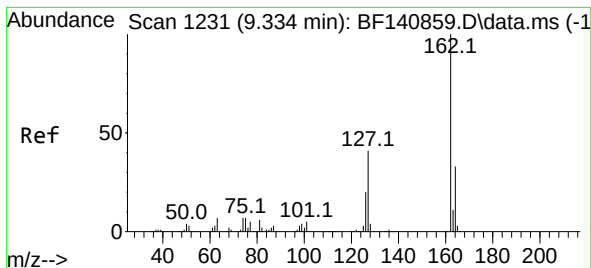
Tgt Ion:172 Resp: 997094
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.280 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:154 Resp: 547151
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.403 ng

RT: 9.334 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

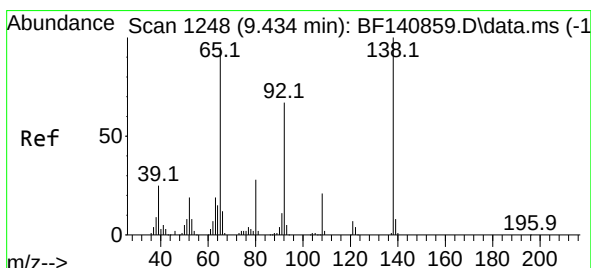
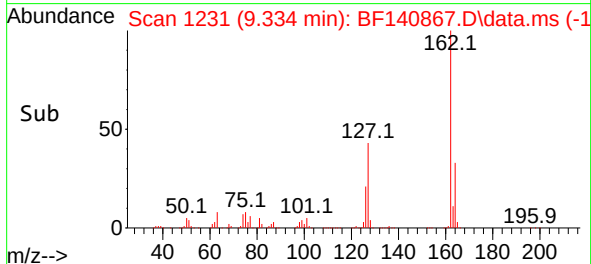
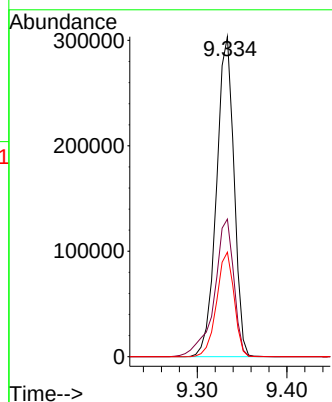
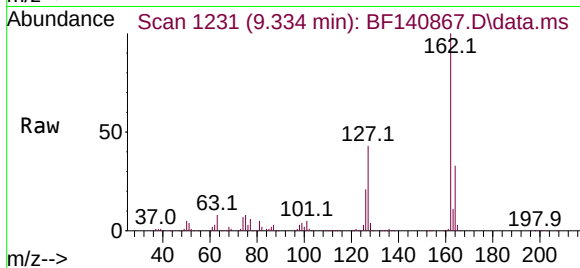
Tgt Ion:162 Resp: 410810

Ion Ratio Lower Upper

162 100

127 43.0 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 48.620 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

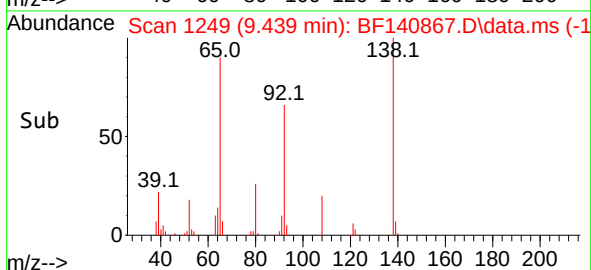
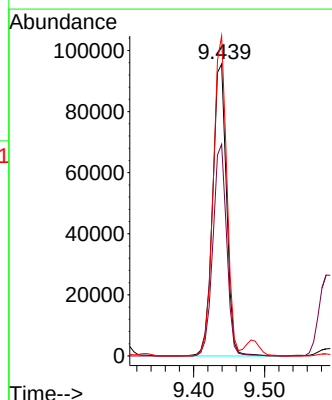
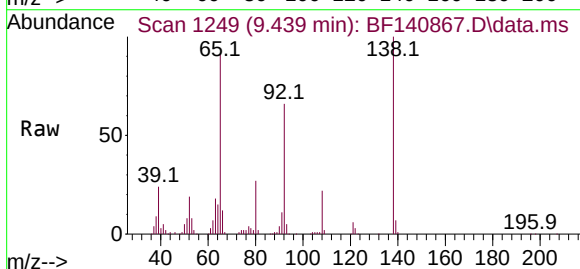
Tgt Ion: 65 Resp: 129999

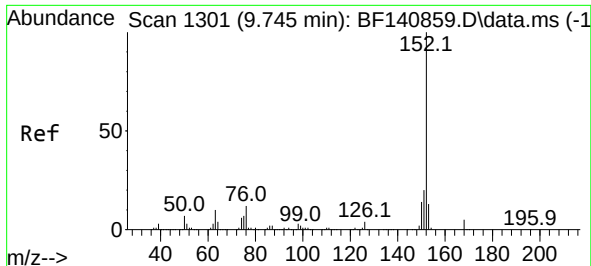
Ion Ratio Lower Upper

65 100

92 72.5 56.3 84.5

138 109.6 83.8 125.6





#49

Acenaphthylene

Concen: 51.466 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

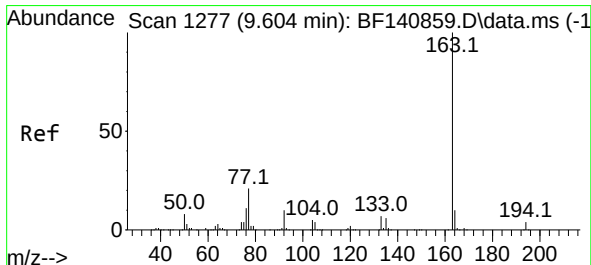
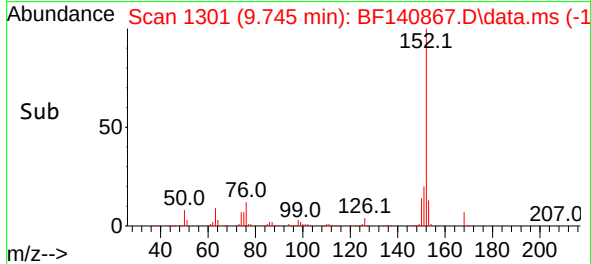
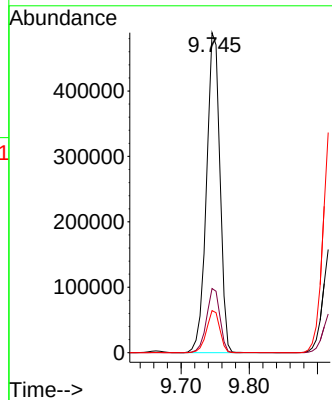
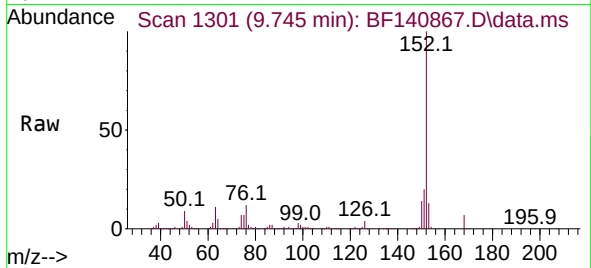
Tgt Ion:152 Resp: 669595

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 49.957 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

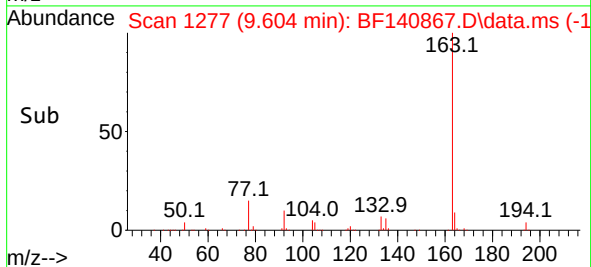
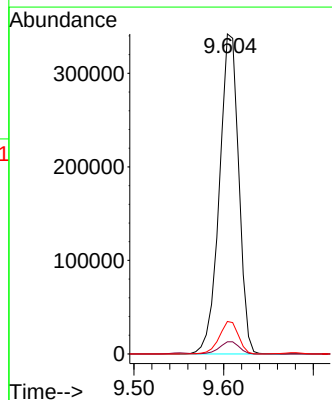
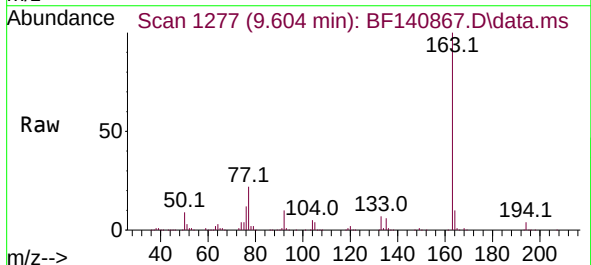
Tgt Ion:163 Resp: 512580

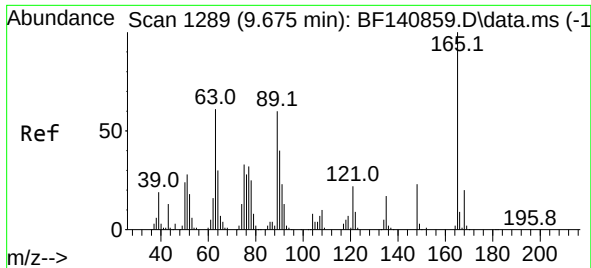
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

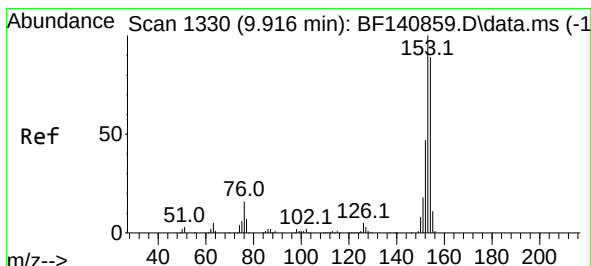
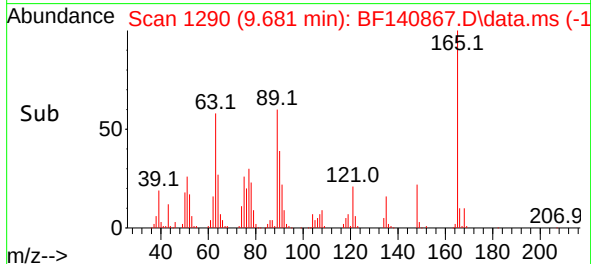
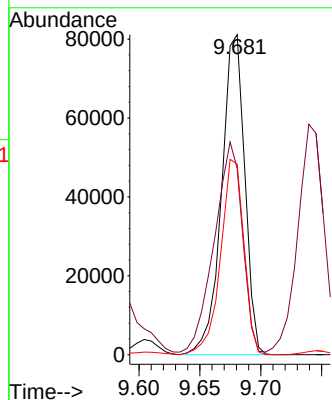
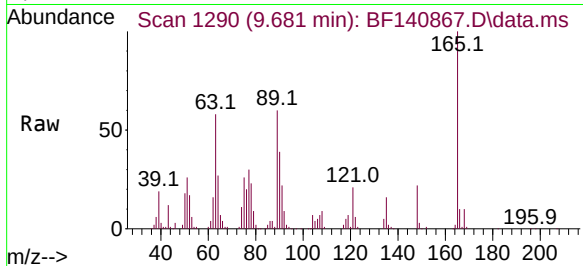




#51
2,6-Dinitrotoluene
Concen: 46.027 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

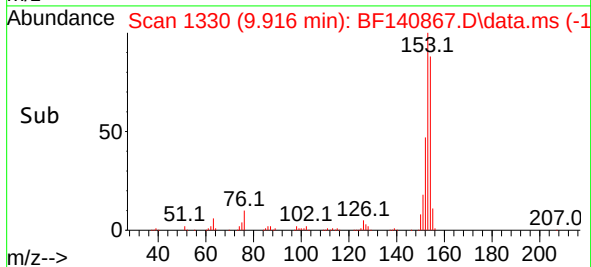
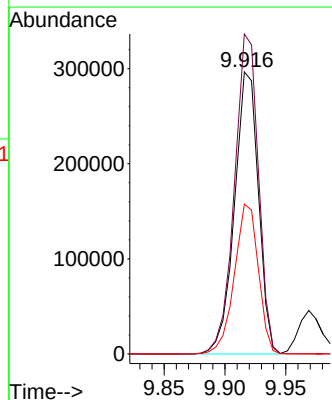
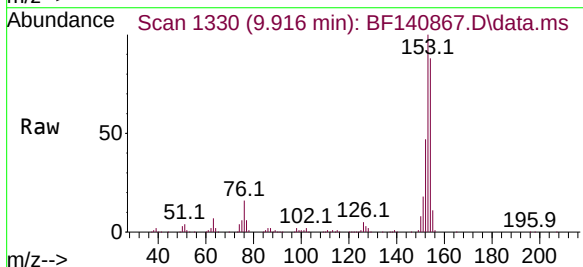
Instrument :
BNA_F
ClientSampleId :
PB165479BS

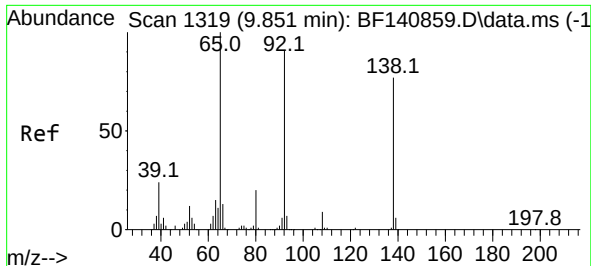
Tgt Ion:165 Resp: 107961
Ion Ratio Lower Upper
165 100
63 58.2 49.7 74.5
89 59.6 48.2 72.4



#52
Acenaphthene
Concen: 48.961 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:154 Resp: 406902
Ion Ratio Lower Upper
154 100
153 113.5 89.9 134.9
152 53.2 42.6 63.8

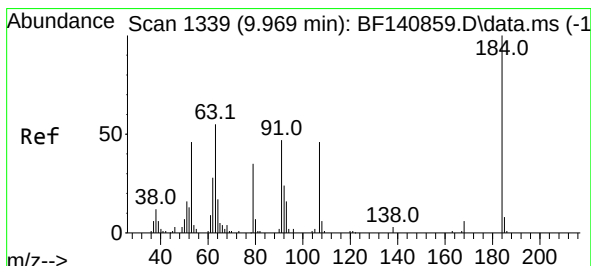
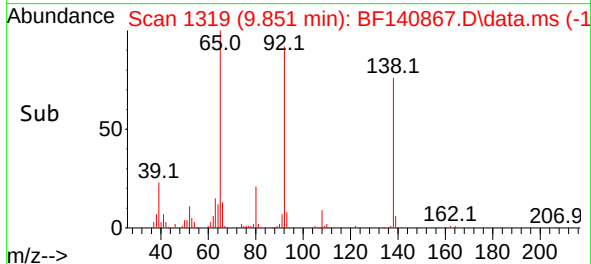
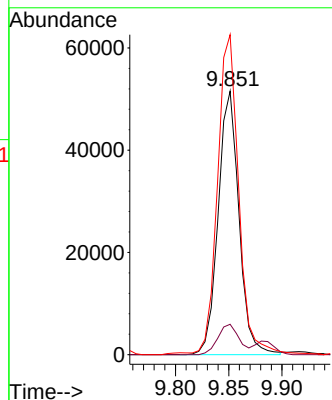
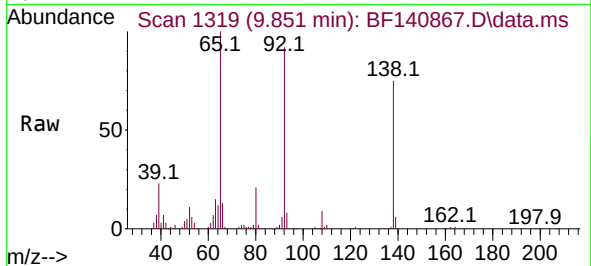




#53
3-Nitroaniline
Concen: 30.073 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

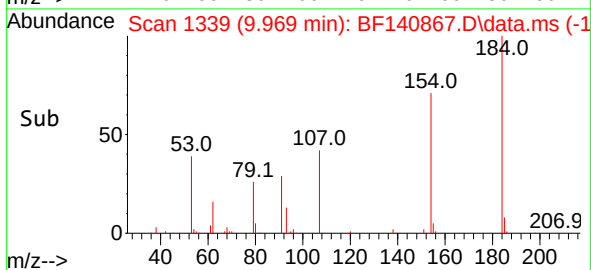
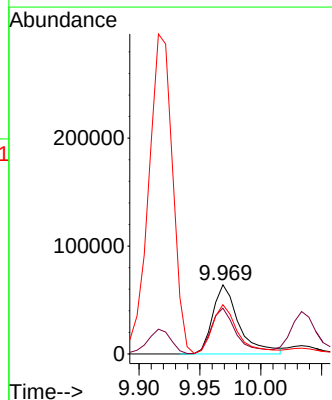
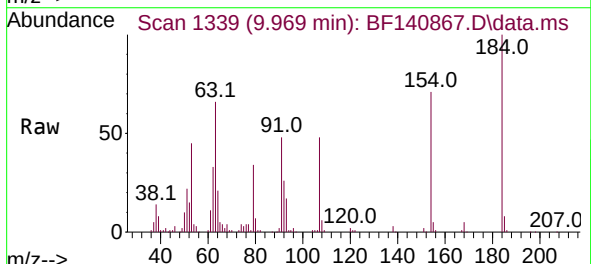
Instrument :
BNA_F
ClientSampleId :
PB165479BS

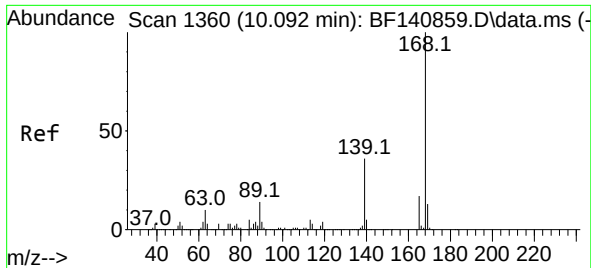
Tgt Ion:138 Resp: 70003
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 121.4 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 83.899 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:184 Resp: 96418
Ion Ratio Lower Upper
184 100
63 66.3 51.6 77.4
154 71.4 56.1 84.1

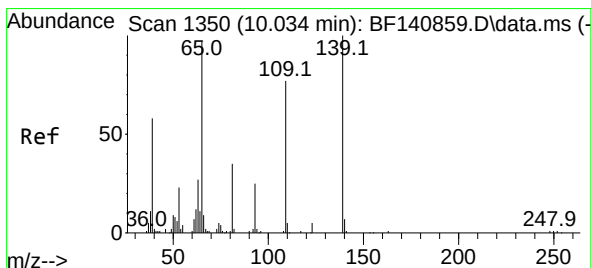
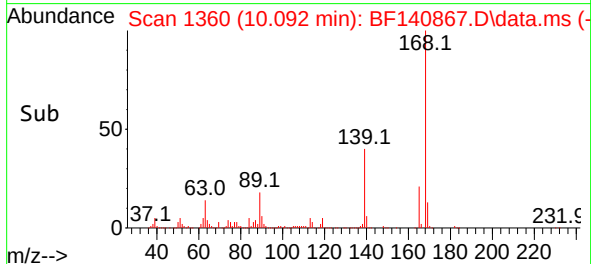
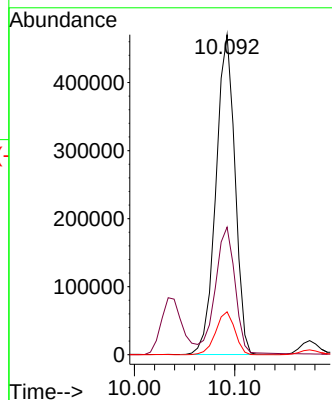
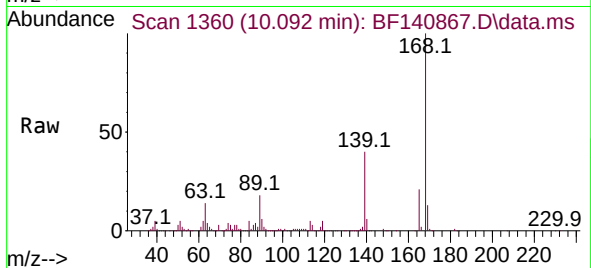




#55
Dibenzofuran
Concen: 47.921 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

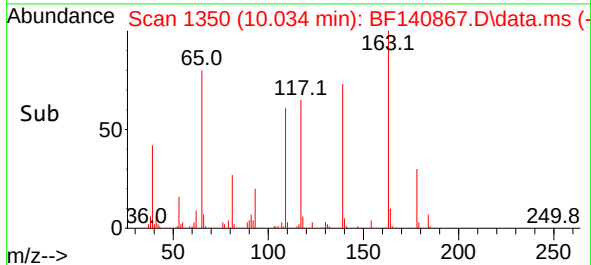
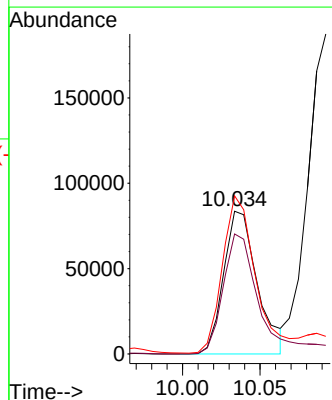
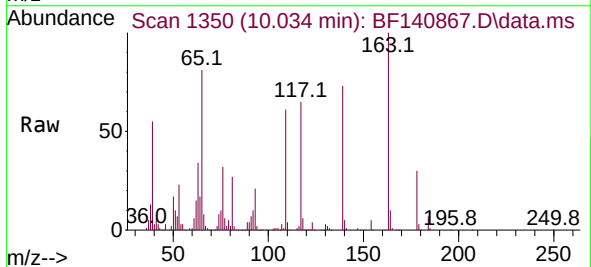
Instrument :
BNA_F
ClientSampleId :
PB165479BS

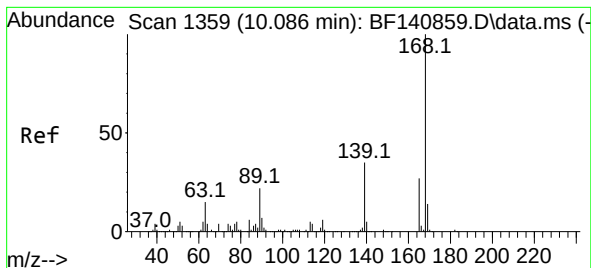
Tgt Ion:168 Resp: 617122
Ion Ratio Lower Upper
168 100
139 39.9 31.1 46.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 99.734 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:139 Resp: 126331
Ion Ratio Lower Upper
139 100
109 84.0 56.7 96.7
65 110.7 78.1 118.1



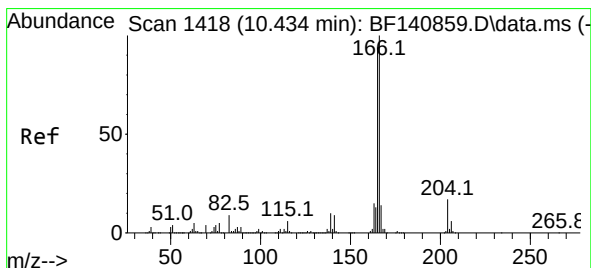
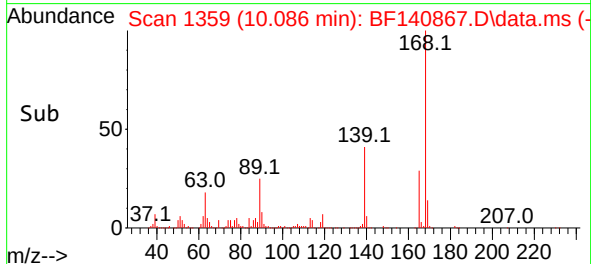
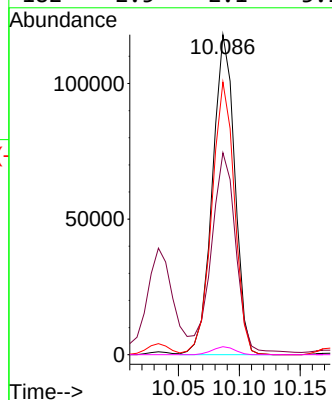
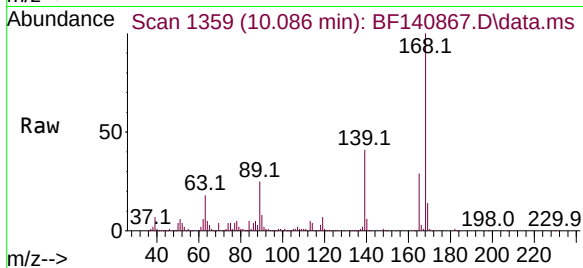


#57
2,4-Dinitrotoluene
Concen: 48.806 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
PB165479BS

Tgt Ion:165 Resp: 150626

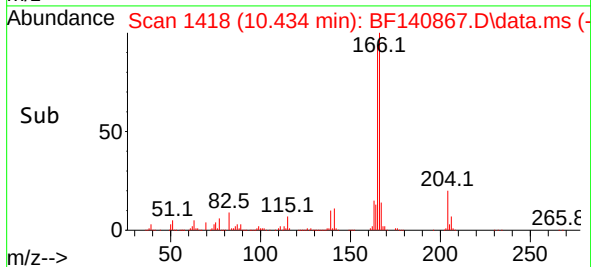
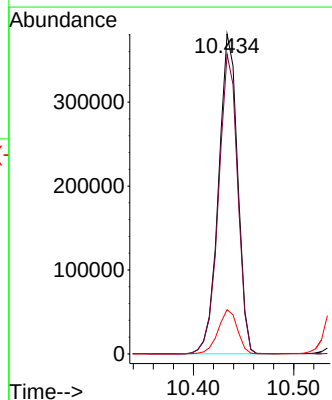
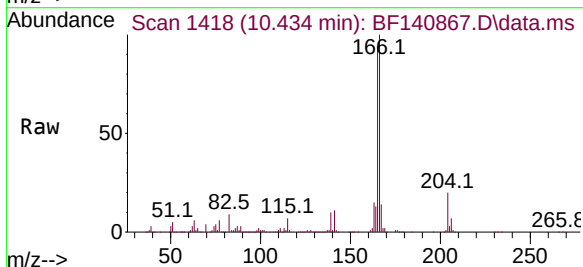
Ion	Ratio	Lower	Upper
165	100		
63	63.1	49.3	73.9
89	85.2	66.2	99.4
182	2.5	2.1	3.1

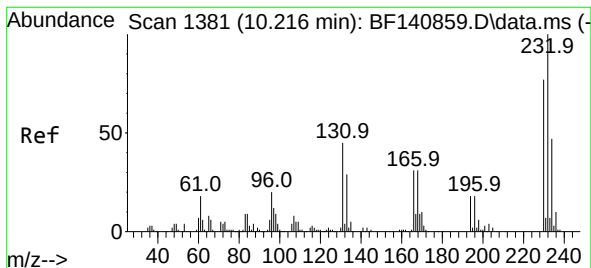


#58
Fluorene
Concen: 47.217 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:166 Resp: 501643

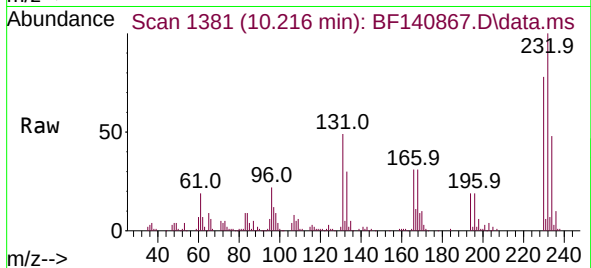
Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.1	112.7
167	13.8	11.1	16.7



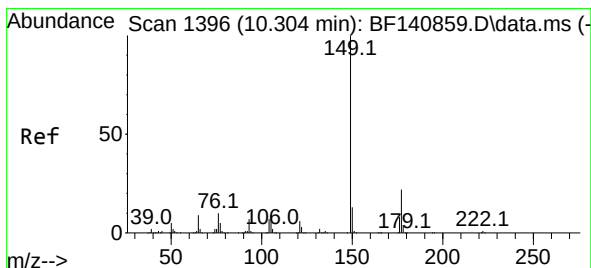
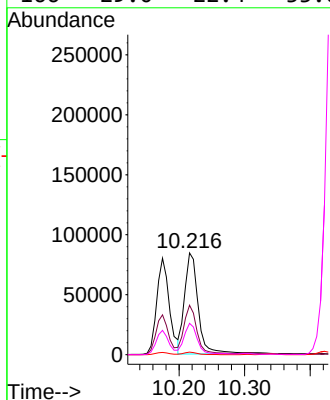
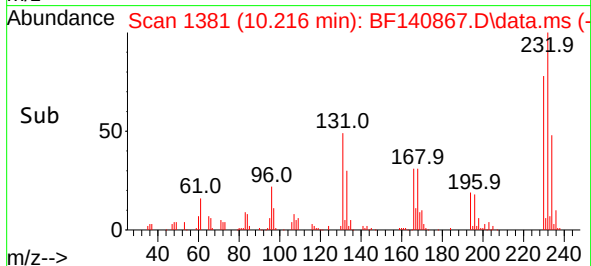


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.843 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

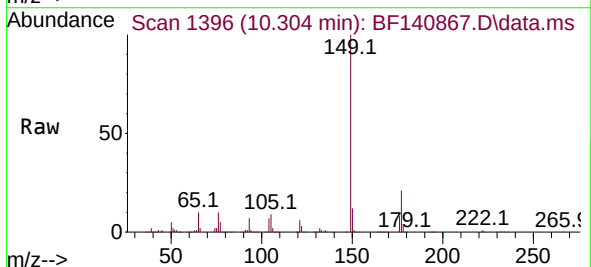
Instrument :
BNA_F
ClientSampleId :
PB165479BS



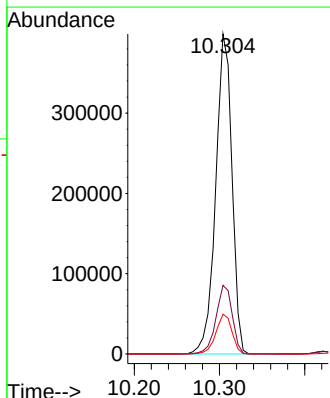
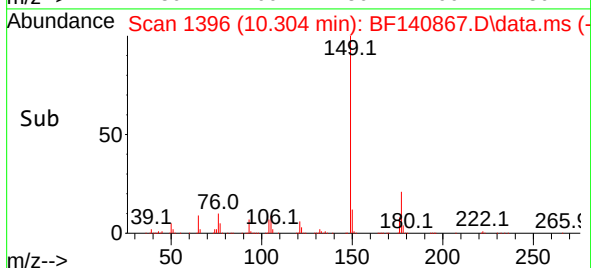
Tgt Ion:232 Resp: 122273
Ion Ratio Lower Upper
232 100
131 45.8 35.1 52.7
130 2.4 1.8 2.8
166 29.0 22.4 33.6

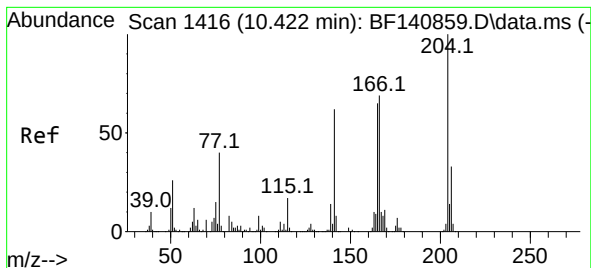


#60
Diethylphthalate
Concen: 49.646 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26



Tgt Ion:149 Resp: 528222
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.4 10.1 15.1

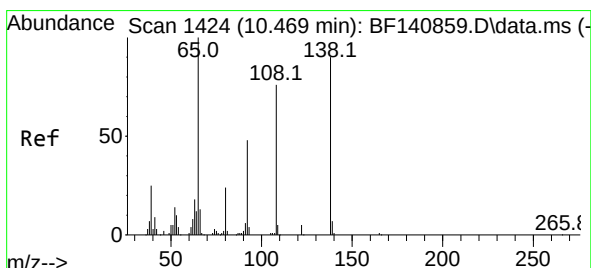
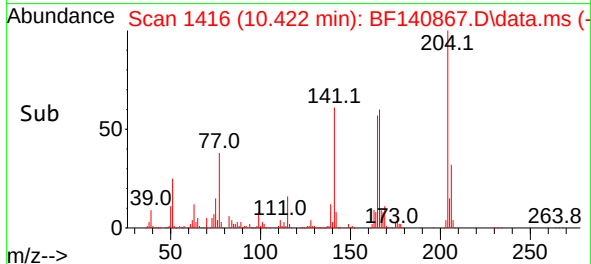
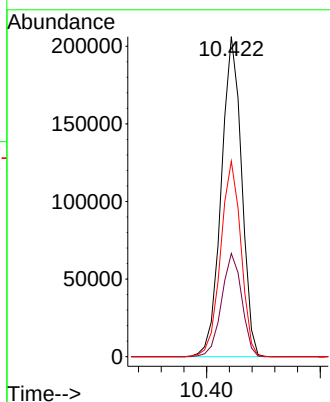
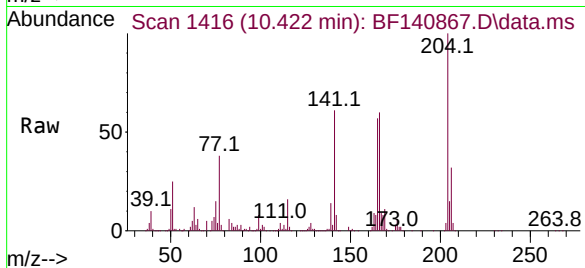




#61
4-Chlorophenyl-phenylether
Concen: 48.048 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

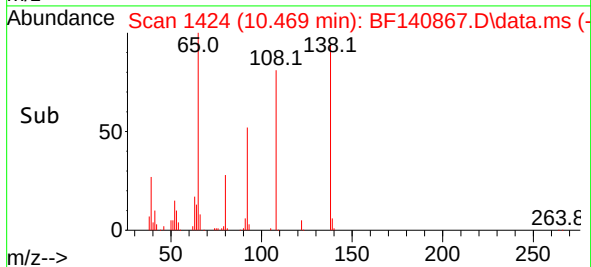
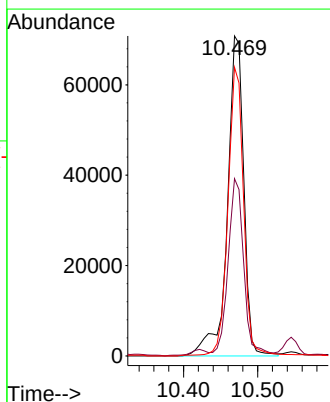
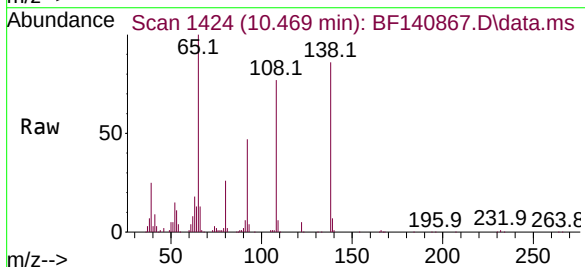
Instrument :
BNA_F
ClientSampleId :
PB165479BS

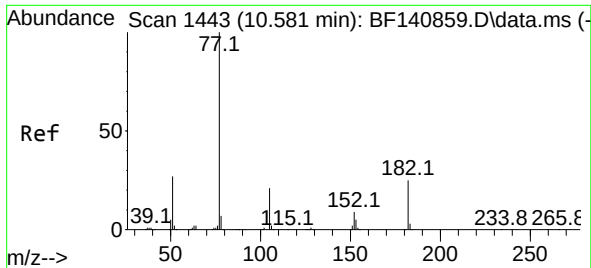
Tgt Ion:204 Resp: 256421
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.1 50.0 75.0



#62
4-Nitroaniline
Concen: 44.872 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:138 Resp: 109152
Ion Ratio Lower Upper
138 100
92 55.4 32.6 72.6
108 90.2 64.1 104.1

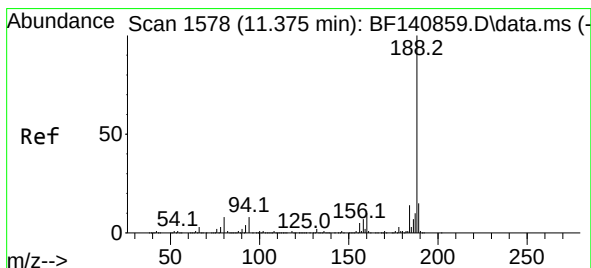
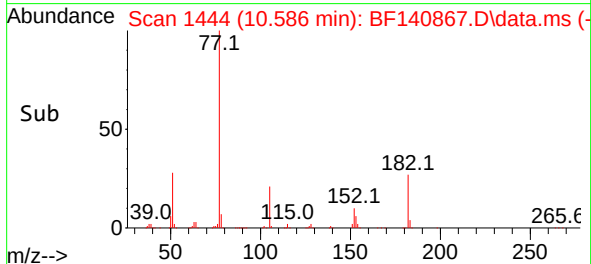
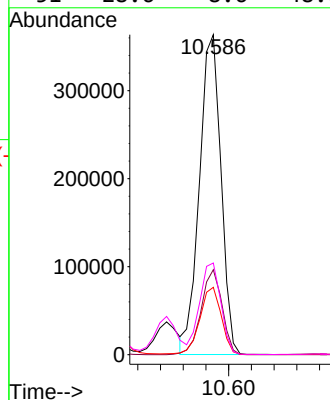
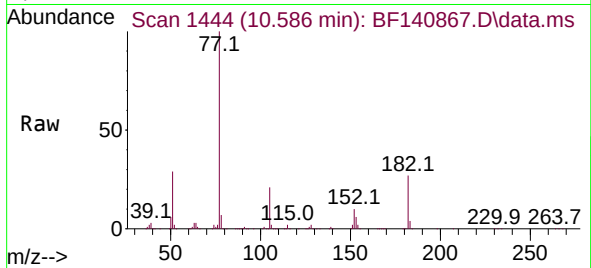




#63
 Azobenzene
 Concen: 47.789 ng
 RT: 10.586 min Scan# 1444
 Delta R.T. 0.006 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

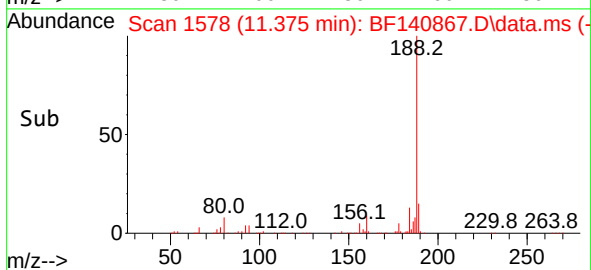
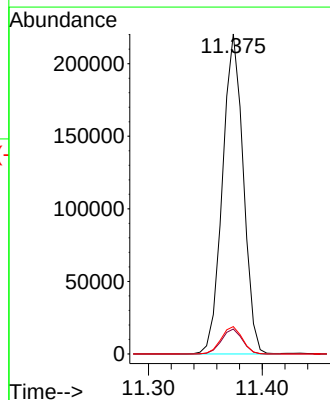
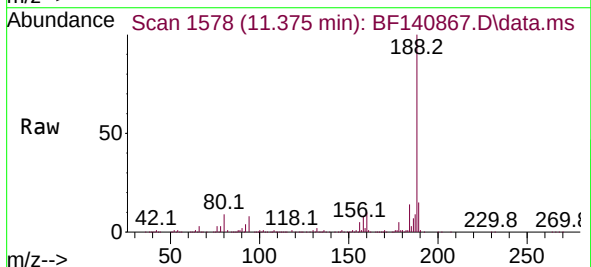
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

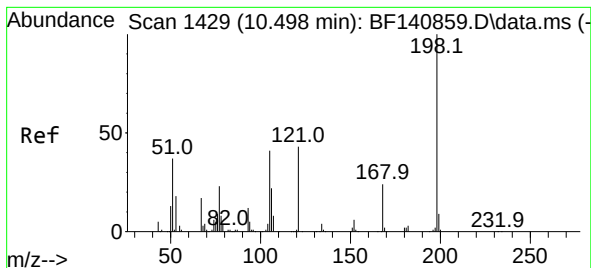
Tgt Ion: 77	Resp: 478016
Ion Ratio	Lower Upper
77 100	
182 26.5	4.5 44.5
105 21.1	0.9 40.9
51 28.6	8.6 48.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.375 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Tgt Ion:188	Resp: 280715
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.6	6.8 10.2

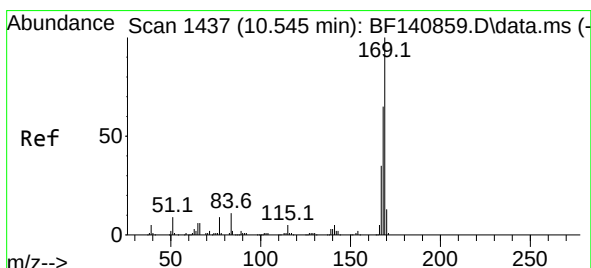
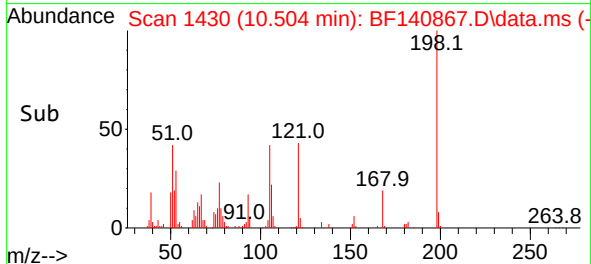
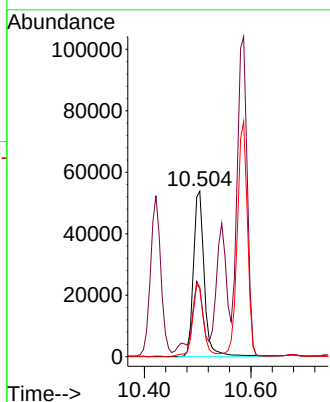
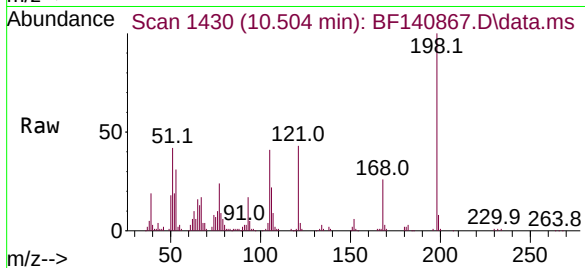




#65
4,6-Dinitro-2-methylphenol
Concen: 48.448 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

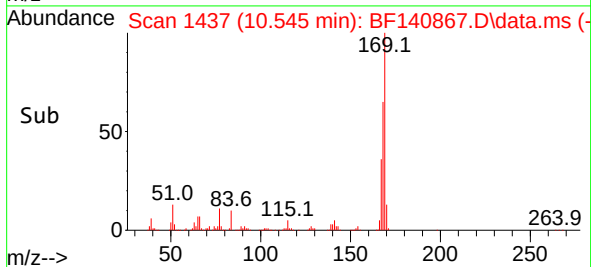
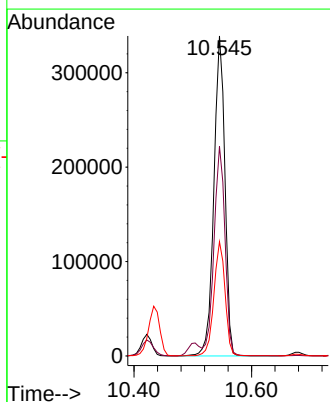
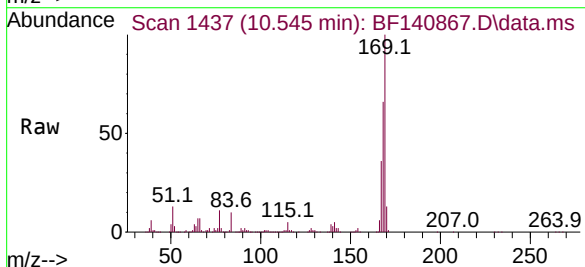
Instrument :
BNA_F
ClientSampleId :
PB165479BS

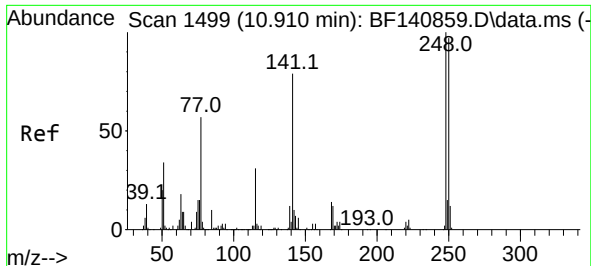
Tgt Ion:198 Resp: 77066
Ion Ratio Lower Upper
198 100
51 41.6 24.4 64.4
105 41.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 51.179 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:169 Resp: 441708
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.7 28.3 42.5

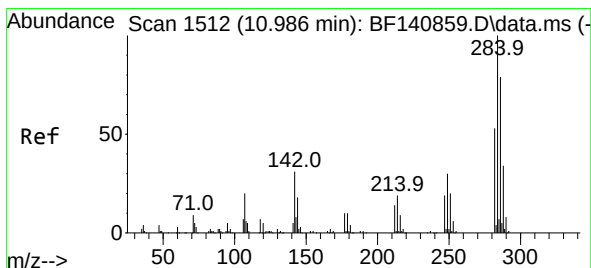
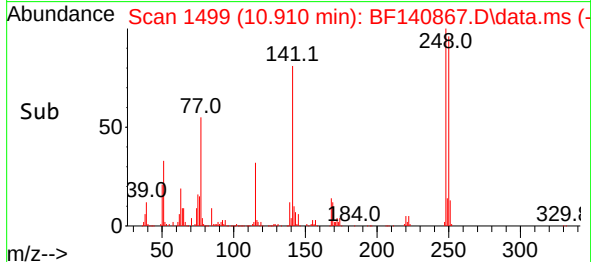
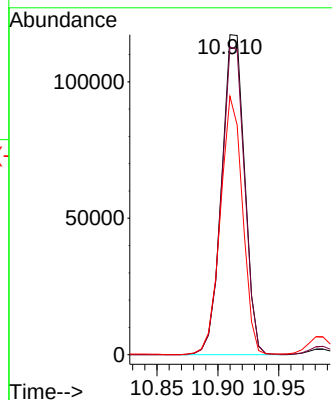
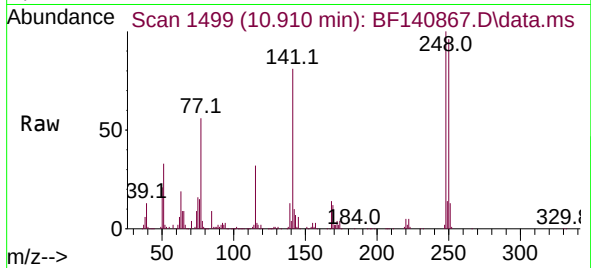




#67
4-Bromophenyl-phenylether
Concen: 49.123 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

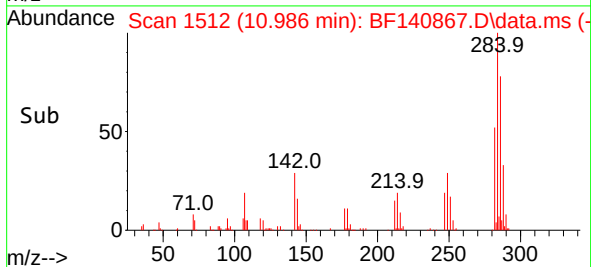
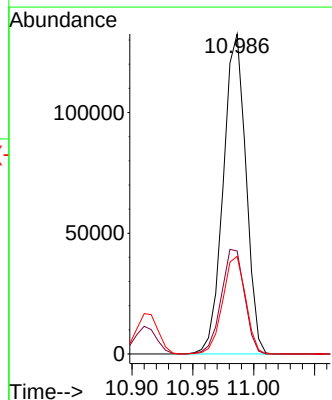
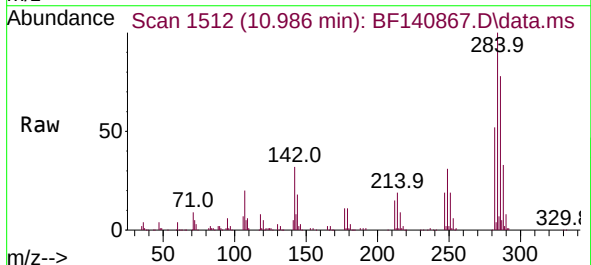
Instrument :
BNA_F
ClientSampleId :
PB165479BS

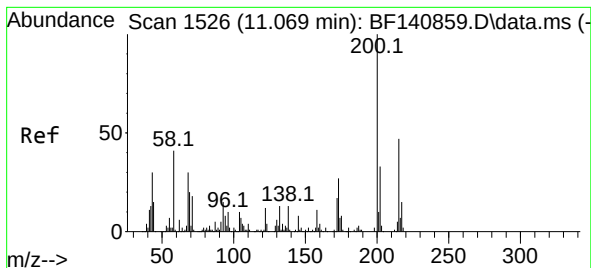
Tgt Ion:248 Resp: 154268
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.2
141 80.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 48.139 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:284 Resp: 171401
Ion Ratio Lower Upper
284 100
142 32.1 24.6 36.8
249 30.5 24.3 36.5





#69

Atrazine

Concen: 61.626 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

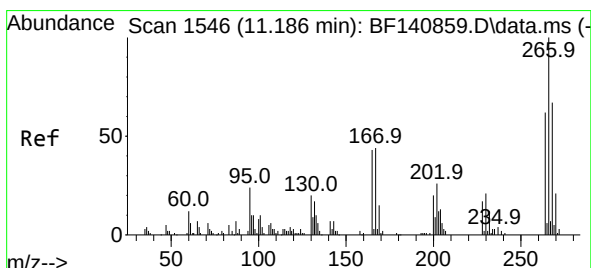
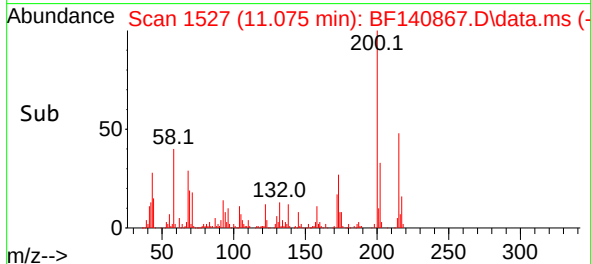
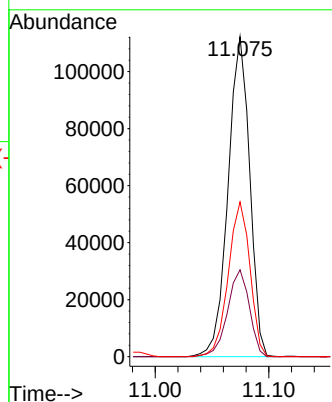
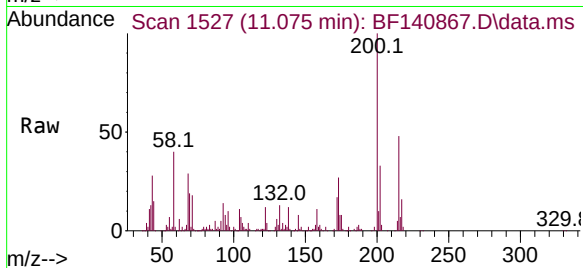
Tgt Ion:200 Resp: 148546

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 99.297 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

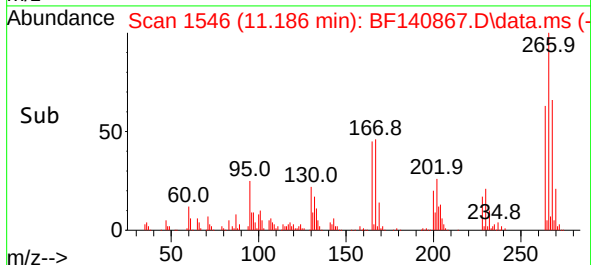
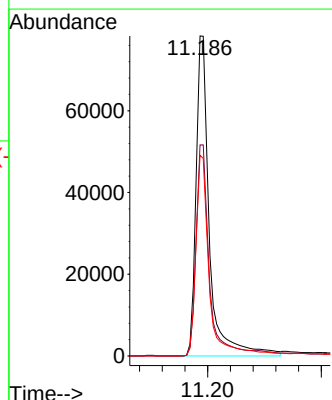
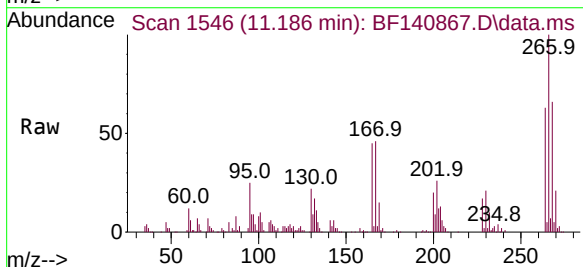
Tgt Ion:266 Resp: 129262

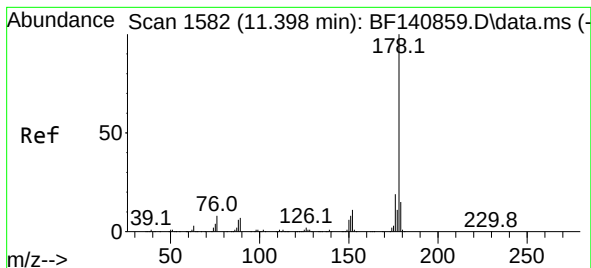
Ion Ratio Lower Upper

266 100

268 66.0 54.0 81.0

264 62.7 49.4 74.2





#71

Phenanthrene

Concen: 49.922 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

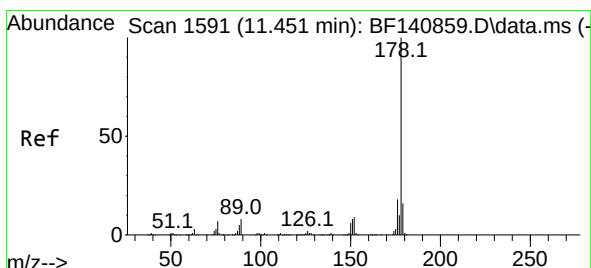
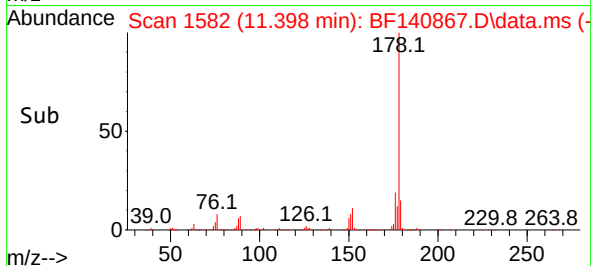
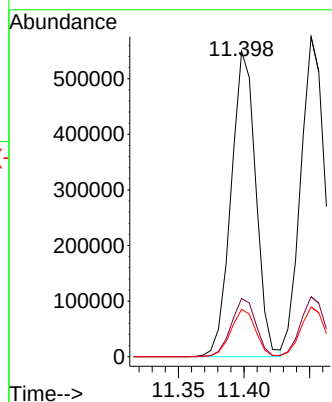
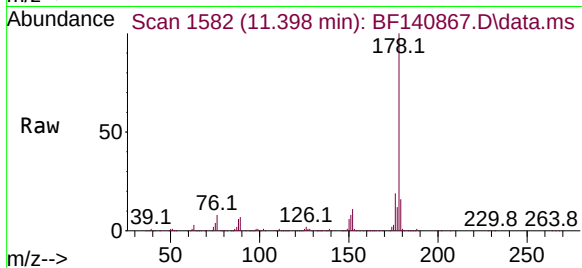
Tgt Ion:178 Resp: 720647

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.1 18.1



#72

Anthracene

Concen: 51.395 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

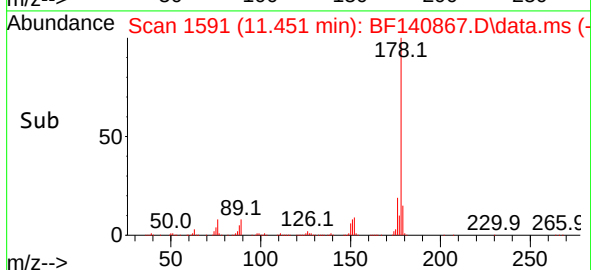
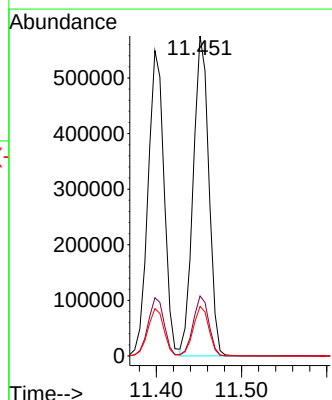
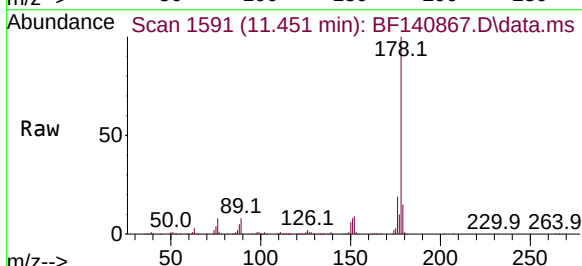
Tgt Ion:178 Resp: 730638

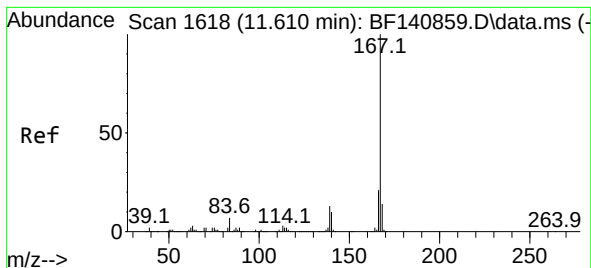
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.5 12.6 18.8





#73

Carbazole

Concen: 48.176 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

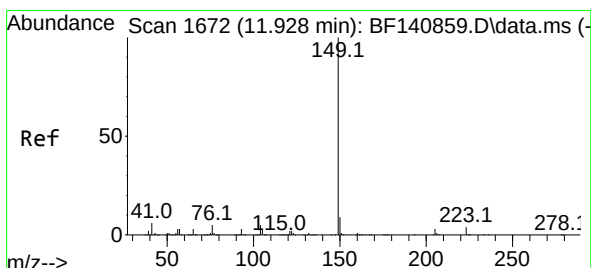
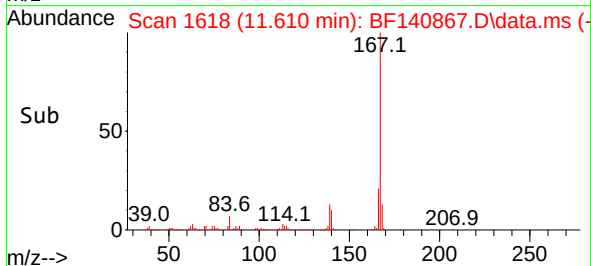
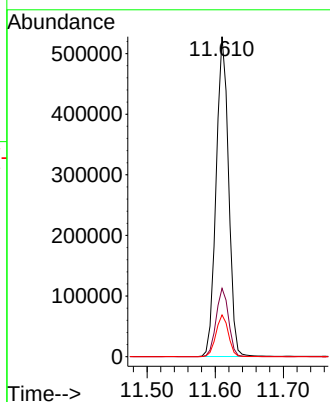
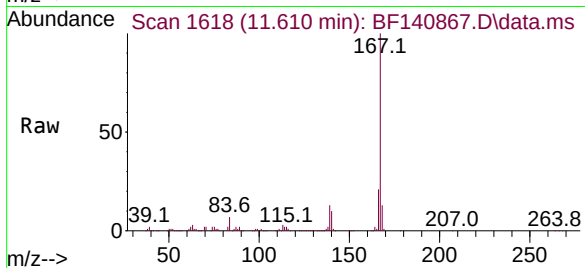
Tgt Ion:167 Resp: 670829

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 50.232 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

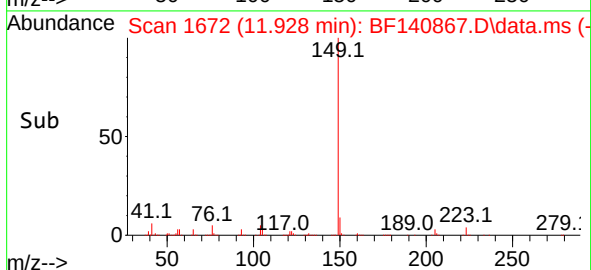
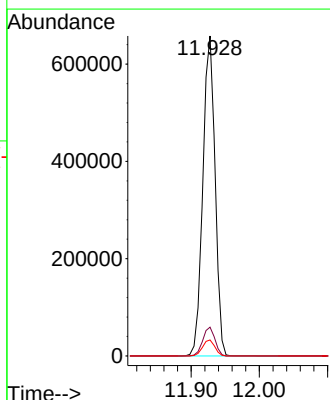
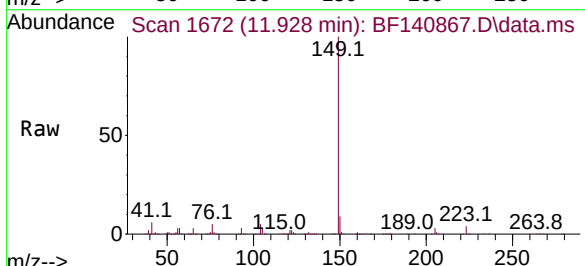
Tgt Ion:149 Resp: 820883

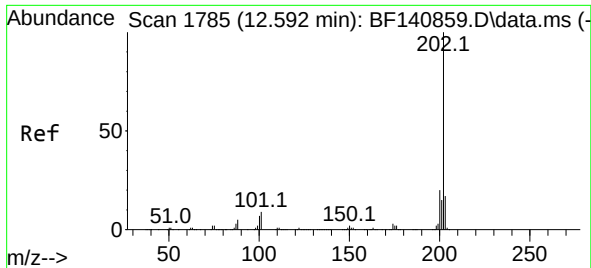
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 5.0 3.8 5.8

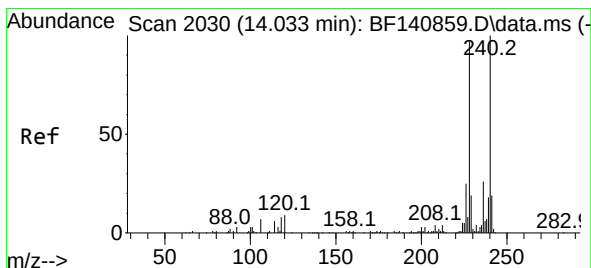
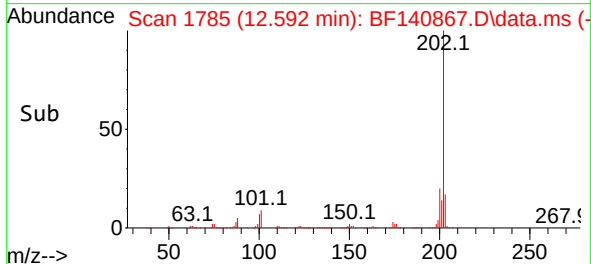
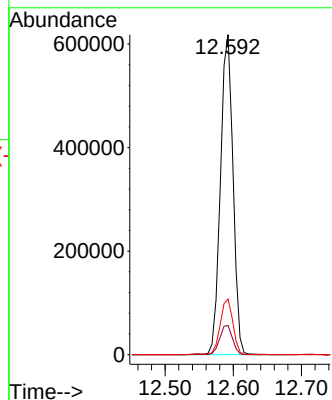
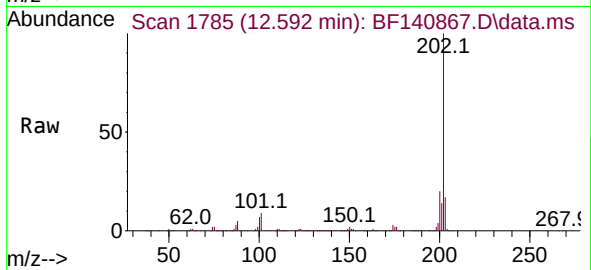




#75
Fluoranthene
Concen: 47.739 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

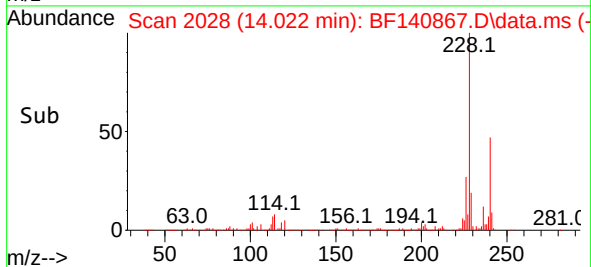
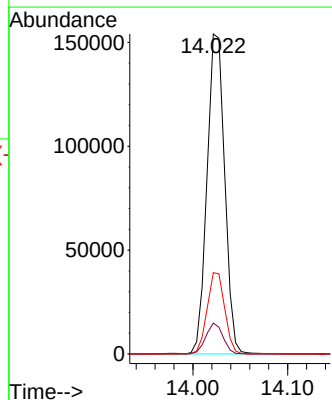
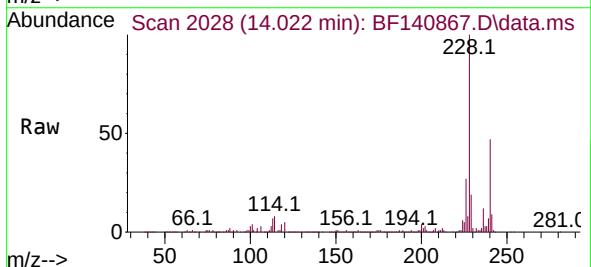
Instrument :
BNA_F
ClientSampleId :
PB165479BS

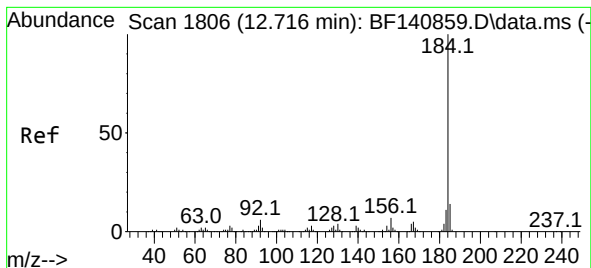
Tgt Ion:202 Resp: 793652
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:240 Resp: 199131
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.4 20.5 30.7





#77

Benzidine

Concen: 44.785 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

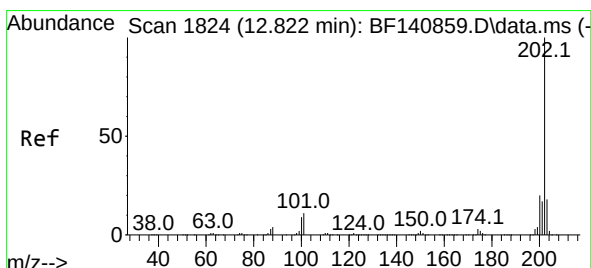
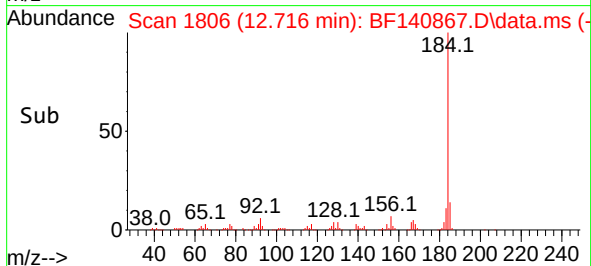
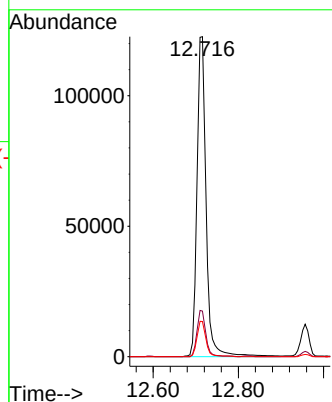
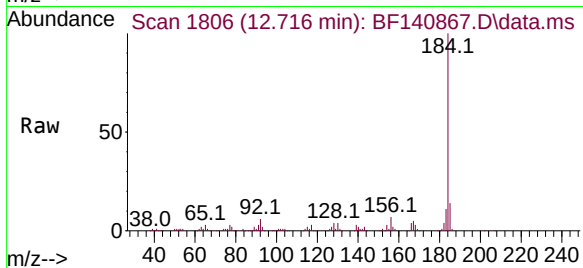
Tgt Ion:184 Resp: 182015

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 11.0 9.0 13.4



#78

Pyrene

Concen: 46.470 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

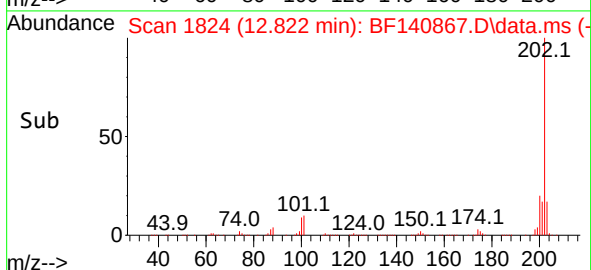
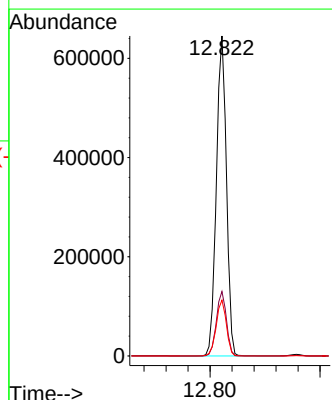
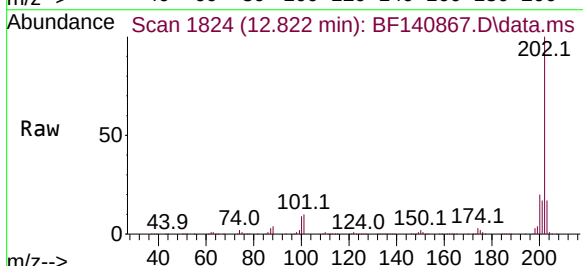
Tgt Ion:202 Resp: 822879

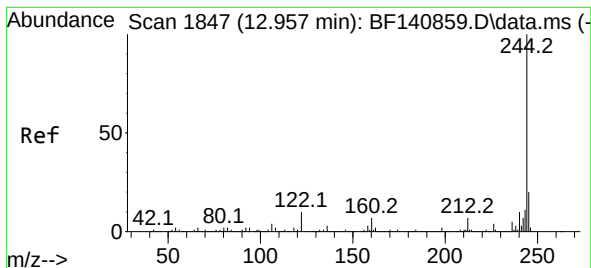
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 94.355 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

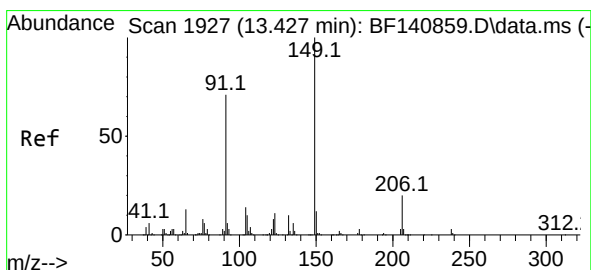
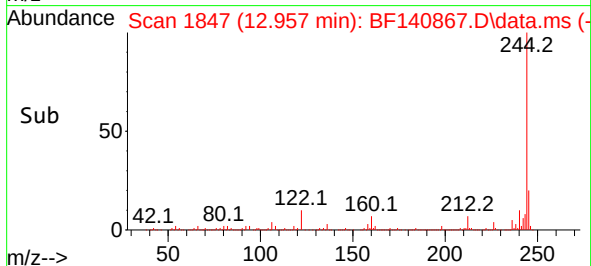
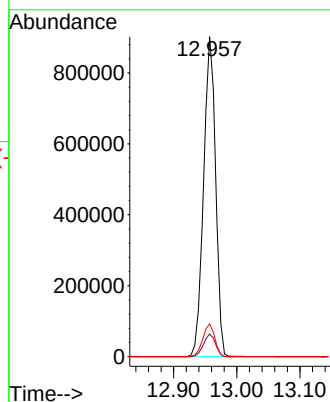
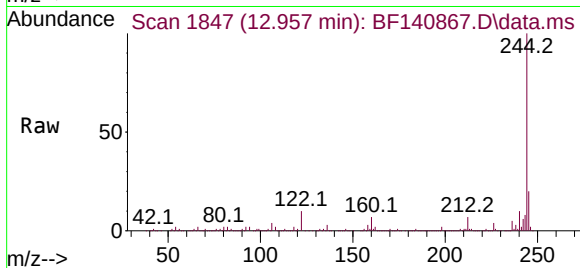
Tgt Ion:244 Resp: 1191545

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.982 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

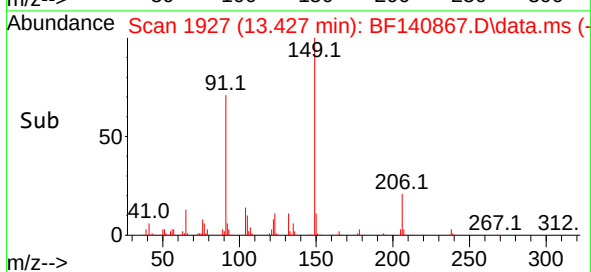
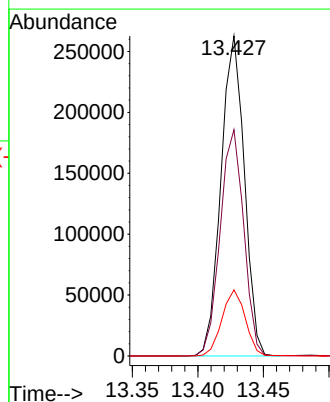
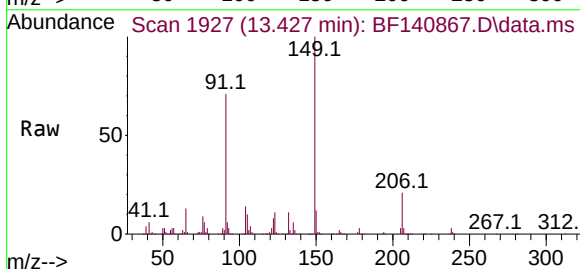
Tgt Ion:149 Resp: 325666

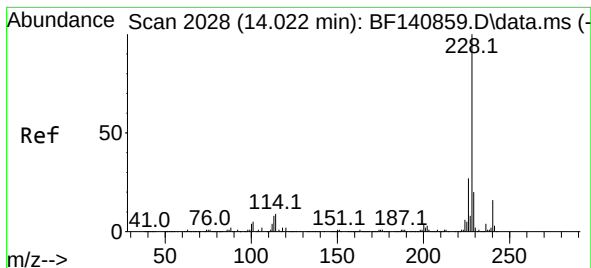
Ion Ratio Lower Upper

149 100

91 70.7 56.7 85.1

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.652 ng

RT: 14.016 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

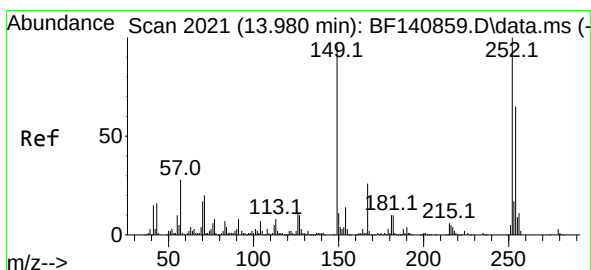
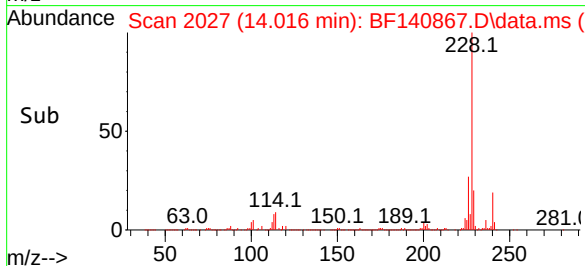
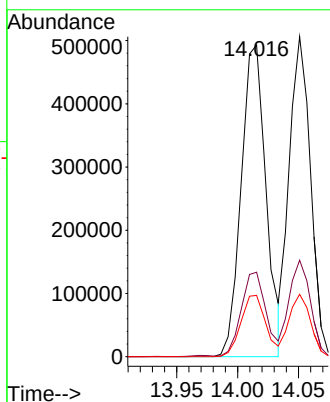
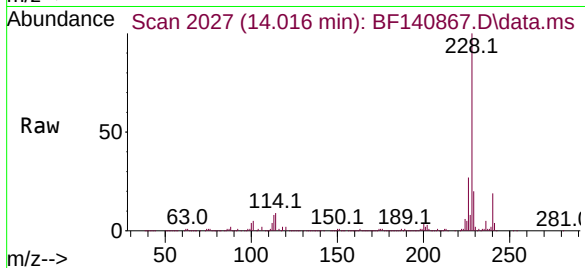
Tgt Ion:228 Resp: 700740

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 31.726 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

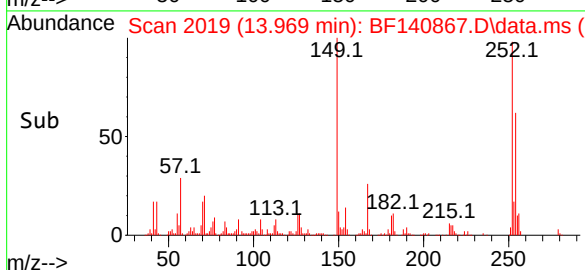
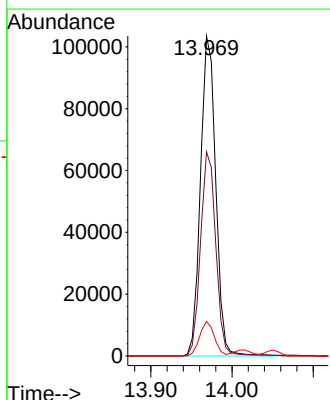
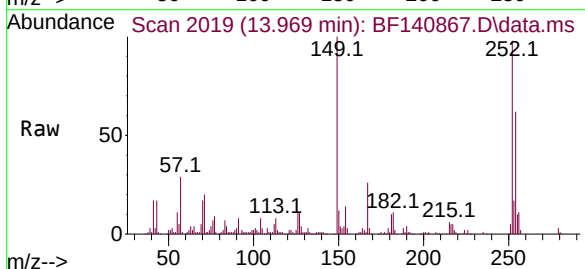
Tgt Ion:252 Resp: 135088

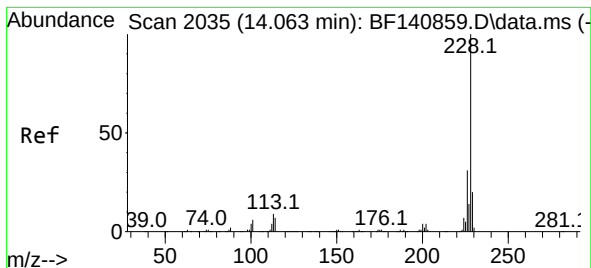
Ion Ratio Lower Upper

252 100

254 63.8 52.3 78.5

126 10.8 8.4 12.6





#83

Chrysene

Concen: 48.259 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

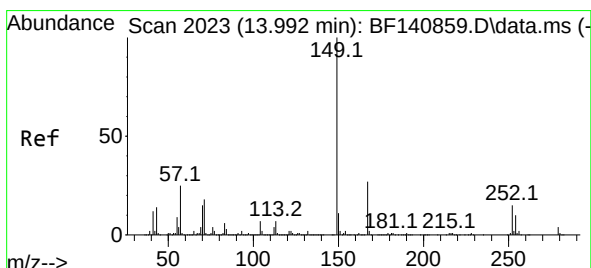
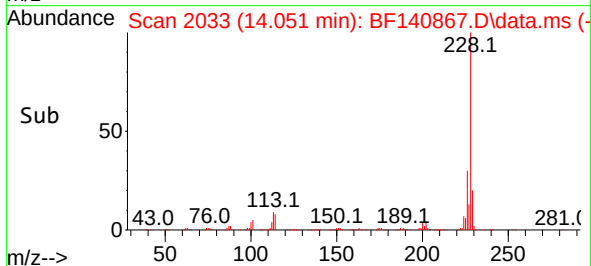
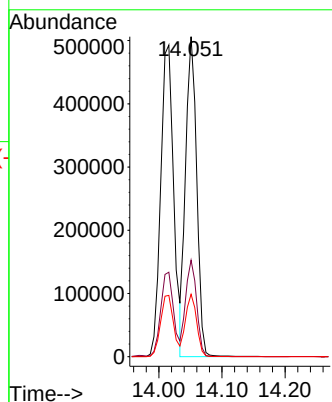
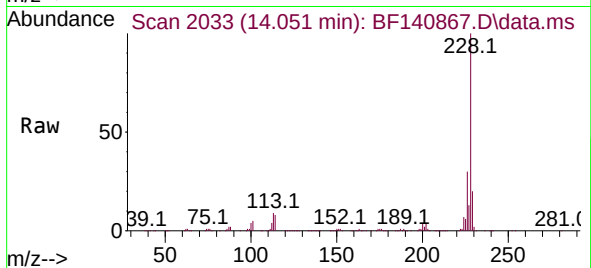
Tgt Ion:228 Resp: 619338

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.805 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

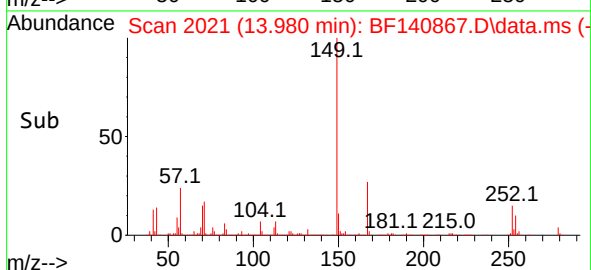
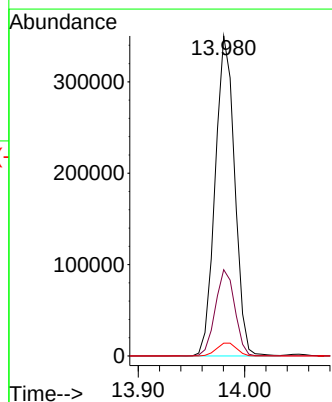
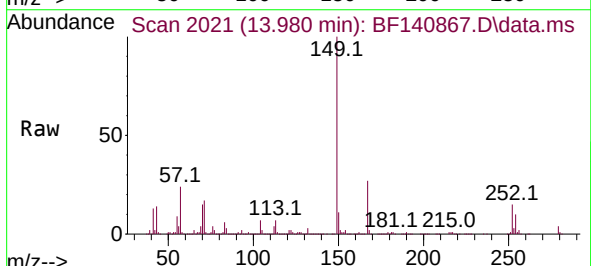
Tgt Ion:149 Resp: 443635

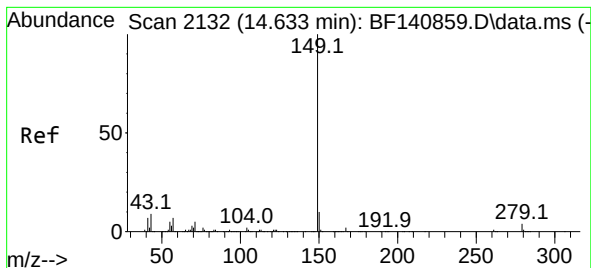
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 53.027 ng

RT: 14.598 min Scan# 2132

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

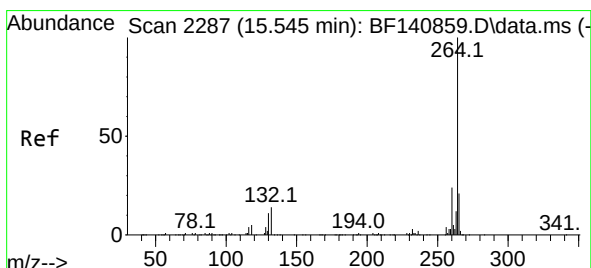
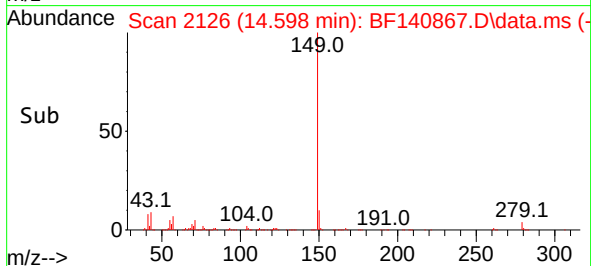
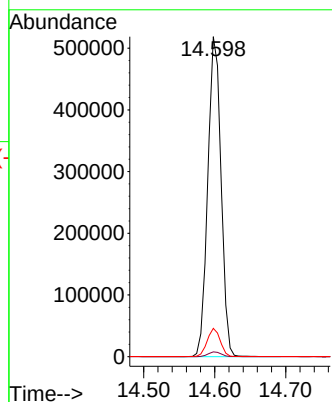
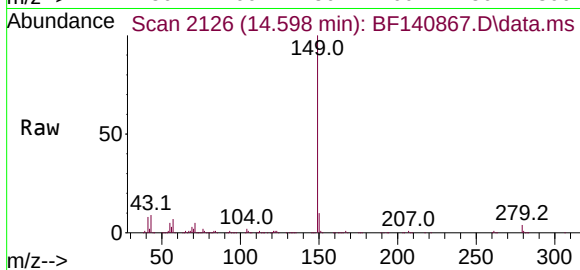
Tgt Ion:149 Resp: 673998

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

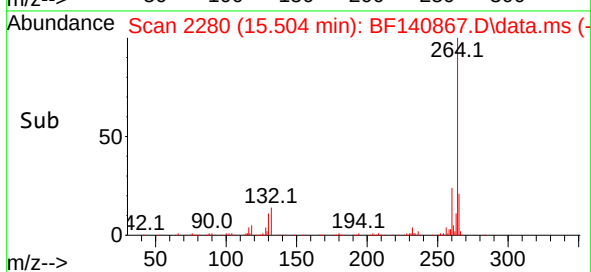
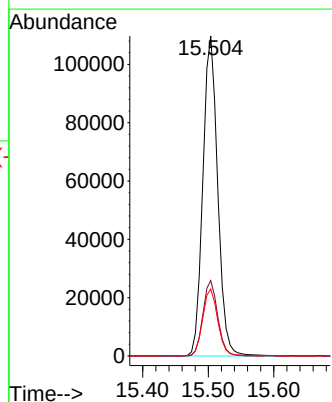
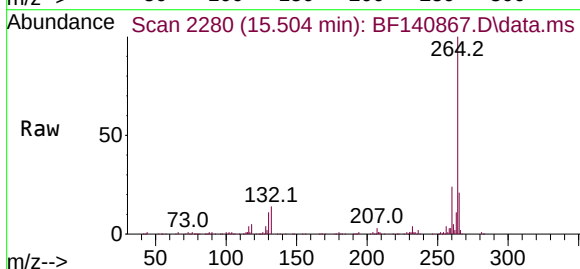
Tgt Ion:264 Resp: 173133

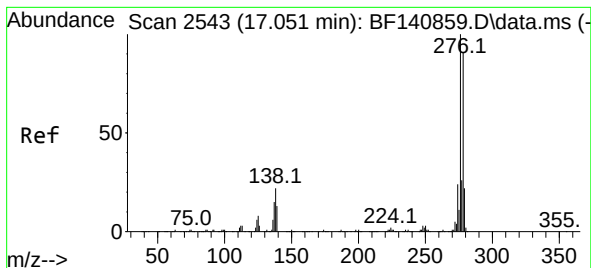
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.732 ng

RT: 17.010 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

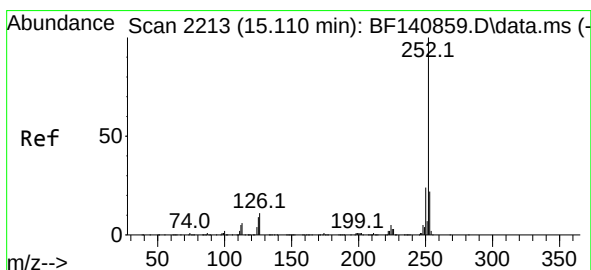
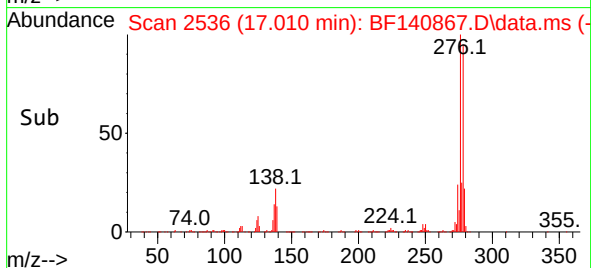
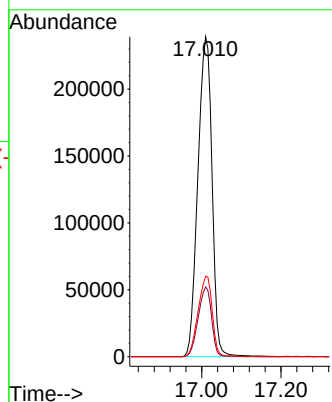
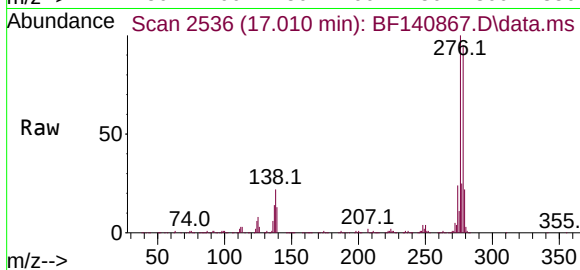
Tgt Ion:276 Resp: 591338

Ion Ratio Lower Upper

276 100

138 20.5 16.9 25.3

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.161 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

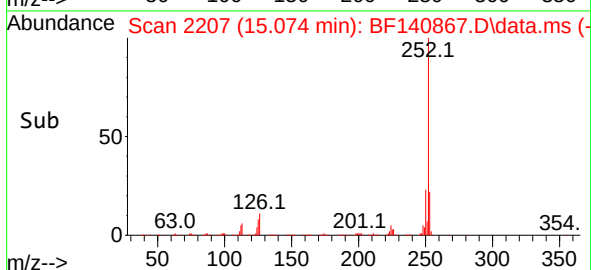
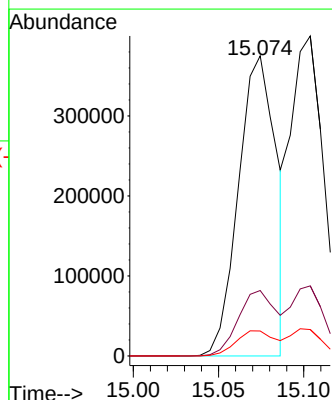
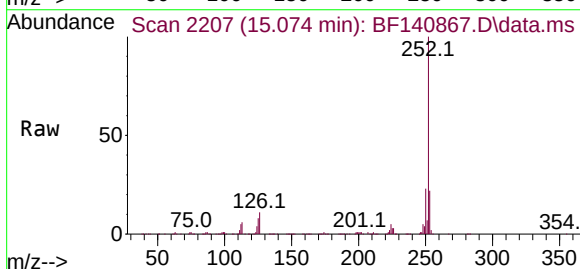
Tgt Ion:252 Resp: 578802

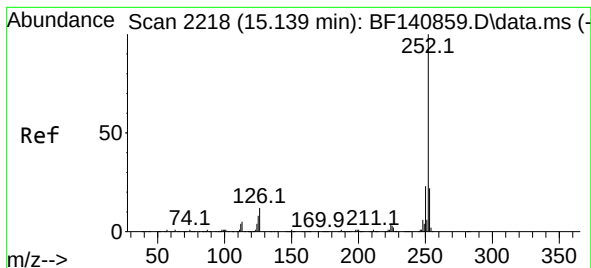
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 52.400 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

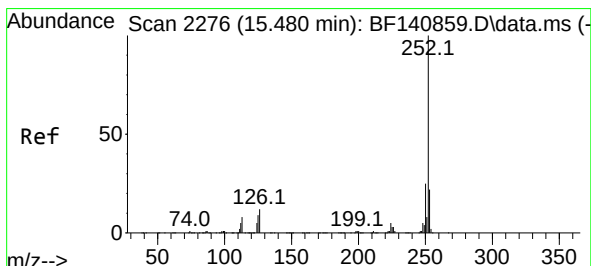
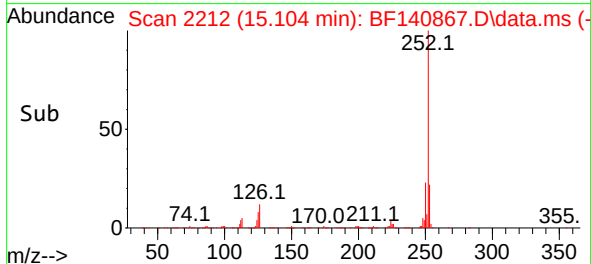
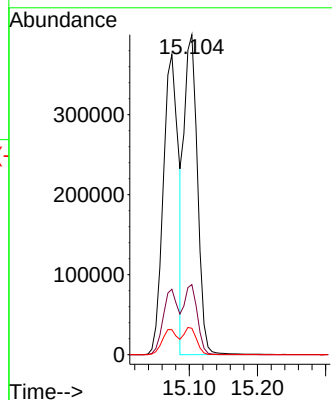
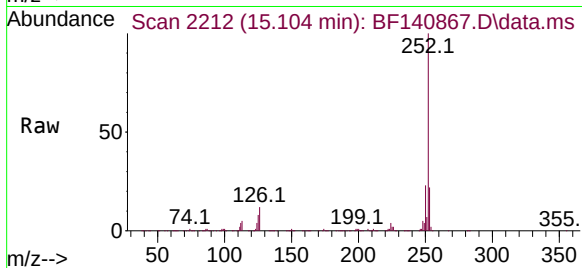
Tgt Ion:252 Resp: 540198

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.551 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

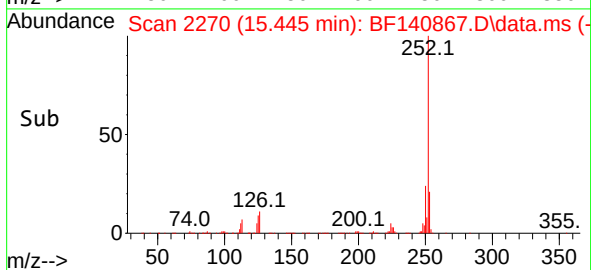
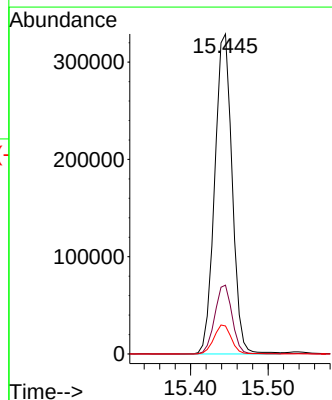
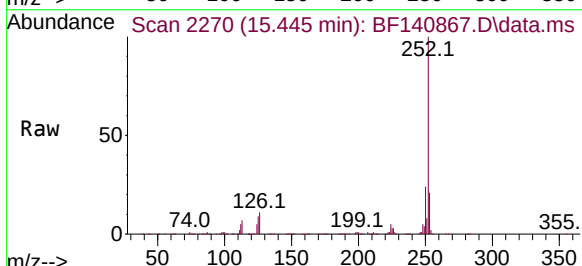
Tgt Ion:252 Resp: 513351

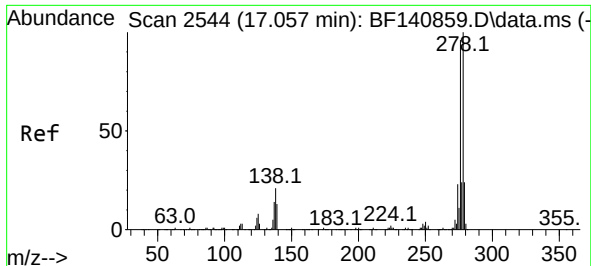
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.8 7.5 11.3

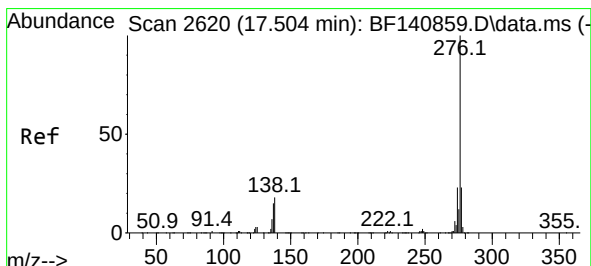
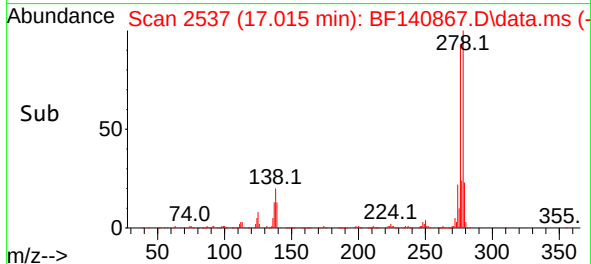
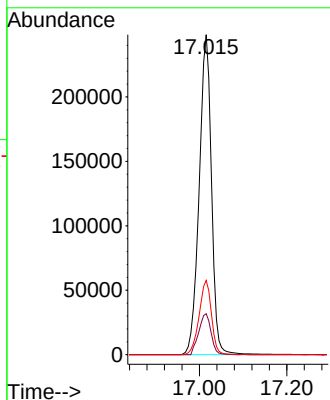
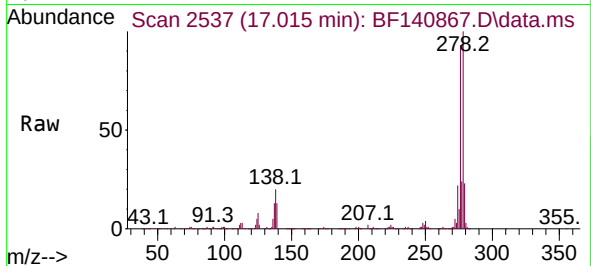




#91
 Dibenzo(a,h)anthracene
 Concen: 54.407 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

Tgt Ion:278 Resp: 486982
 Ion Ratio Lower Upper
 278 100
 139 12.8 10.6 16.0
 279 23.2 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 51.077 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. -0.047 min
 Lab File: BF140867.D
 Acq: 16 Dec 2024 18:26

Tgt Ion:276 Resp: 465302
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 17.5 14.2 21.2

