

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140902.D
 Acq On : 18 Dec 2024 13:37
 Operator : RC/JU
 Sample : PB165682BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165682BS

Quant Time: Dec 18 14:09:26 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	69271	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	278195	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	161313	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	297522	20.000	ng	0.00
76) Chrysene-d12	14.033	240	194019	20.000	ng	0.00
86) Perylene-d12	15.533	264	159882	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	624579	148.427	ng	0.01
7) Phenol-d6	6.504	99	826803	148.345	ng	0.00
23) Nitrobenzene-d5	7.416	82	571852	102.843	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	280904	147.234	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1158965	98.777	ng	0.00
79) Terphenyl-d14	12.963	244	1463916	118.978	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.705	88	67629	37.312	ng	100
3) Pyridine	3.487	79	172590	41.117	ng	99
4) n-Nitrosodimethylamine	3.434	42	98403	46.503	ng	99
6) Aniline	6.516	93	205659	43.156	ng	# 78
8) 2-Chlorophenol	6.646	128	247566	53.950	ng	99
9) Benzaldehyde	6.404	77	52891	17.127	ng	99
10) Phenol	6.516	94	306120	52.994	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	230623	53.535	ng	99
12) 1,3-Dichlorobenzene	6.787	146	265723	50.819	ng	98
13) 1,4-Dichlorobenzene	6.863	146	272762	51.390	ng	99
14) 1,2-Dichlorobenzene	7.016	146	263485	52.615	ng	99
15) Benzyl Alcohol	7.004	79	229432	57.573	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	292246	57.588	ng	90
17) 2-Methylphenol	7.122	107	202465	55.264	ng	98
18) Hexachloroethane	7.357	117	105603	53.445	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	188339	56.334	ng	100
20) 3+4-Methylphenols	7.275	107	273831	56.367	ng	# 80
22) Acetophenone	7.263	105	365369	52.502	ng	97
24) Nitrobenzene	7.440	77	285610	50.138	ng	97
25) Isophorone	7.675	82	520793	55.898	ng	99
26) 2-Nitrophenol	7.751	139	150207	57.252	ng	98
27) 2,4-Dimethylphenol	7.793	122	210758	68.786	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	328662	56.480	ng	99
29) 2,4-Dichlorophenol	8.004	162	220391	52.100	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	232201	47.884	ng	99
31) Naphthalene	8.151	128	787164	51.511	ng	100
32) Benzoic acid	7.951	122	133197	45.837	ng	99
33) 4-Chloroaniline	8.210	127	130614	25.735	ng	97
34) Hexachlorobutadiene	8.263	225	159995	49.040	ng	99
35) Caprolactam	8.592	113	49360	39.195	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	253682	53.283	ng	100
37) 2-Methylnaphthalene	8.845	142	495413	49.008	ng	99
38) 1-Methylnaphthalene	8.945	142	469604	46.973	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	249701	50.361	ng	99
41) Hexachlorocyclopentadiene	8.992	237	89134	60.366	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	154788	50.984	ng	99

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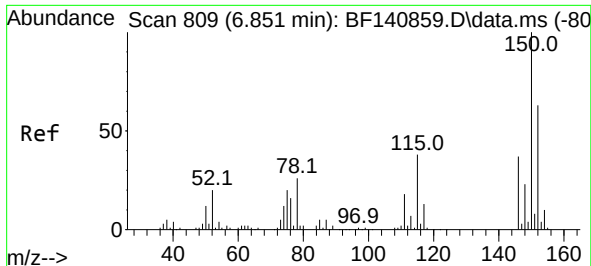
Quant Time: Dec 18 14:09:26 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	166346	49.849	ng	99
46) 1,1'-Biphenyl	9.304	154	658859	51.364	ng	99
47) 2-Chloronaphthalene	9.334	162	488415	49.772	ng	98
48) 2-Nitroaniline	9.439	65	163899	55.302	ng	98
49) Acenaphthylene	9.751	152	853325	59.172	ng	100
50) Dimethylphthalate	9.610	163	657261	57.792	ng	100
51) 2,6-Dinitrotoluene	9.681	165	130406	50.157	ng	100
52) Acenaphthene	9.922	154	493337	53.554	ng	99
53) 3-Nitroaniline	9.857	138	84869	32.893	ng	95
54) 2,4-Dinitrophenol	9.975	184	138273	106.627	ng	96
55) Dibenzofuran	10.092	168	711219	49.825	ng	99
56) 4-Nitrophenol	10.045	139	133758	95.466	ng	97
57) 2,4-Dinitrotoluene	10.092	165	173175	50.624	ng	99
58) Fluorene	10.439	166	582232	49.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	140053	51.506	ng	98
60) Diethylphthalate	10.310	149	607431	51.506	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	287329	48.573	ng	97
62) 4-Nitroaniline	10.475	138	134973	50.059	ng	98
63) Azobenzene	10.586	77	558056	50.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	96479	57.226	ng	97
66) n-Nitrosodiphenylamine	10.551	169	507683	55.500	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	179170	53.830	ng	97
68) Hexachlorobenzene	10.992	284	198716	52.657	ng	100
69) Atrazine	11.081	200	170868	66.882	ng	98
70) Pentachlorophenol	11.198	266	142688	103.418	ng	100
71) Phenanthrene	11.404	178	818742	53.513	ng	100
72) Anthracene	11.457	178	835718	55.466	ng	100
73) Carbazole	11.616	167	777765	52.701	ng	100
74) Di-n-butylphthalate	11.928	149	944599	54.537	ng	100
75) Fluoranthene	12.598	202	964511	54.739	ng	99
77) Benzidine	12.716	184	217008	54.802	ng	99
78) Pyrene	12.828	202	988388	57.287	ng	99
80) Butylbenzylphthalate	13.433	149	388879	61.256	ng	100
81) Benzo(a)anthracene	14.022	228	768912	55.918	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	137648	33.179	ng	99
83) Chrysene	14.063	228	659625	52.753	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	456781	55.802	ng	100
85) Di-n-octyl phthalate	14.621	149	681776	55.052	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	631185	63.262	ng	100
88) Benzo(b)fluoranthene	15.098	252	591963	53.339	ng	99
89) Benzo(k)fluoranthene	15.127	252	588225	61.788	ng	100
90) Benzo(a)pyrene	15.469	252	510713	58.769	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	514125	62.200	ng	98
92) Benzo(g,h,i)perylene	17.504	276	453005	53.849	ng	100

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

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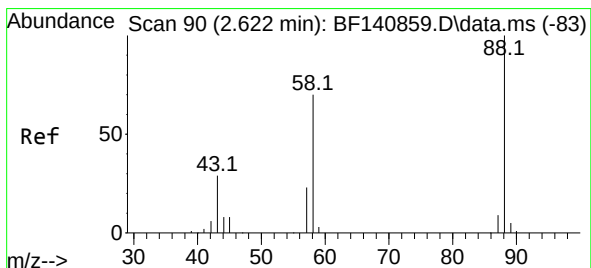
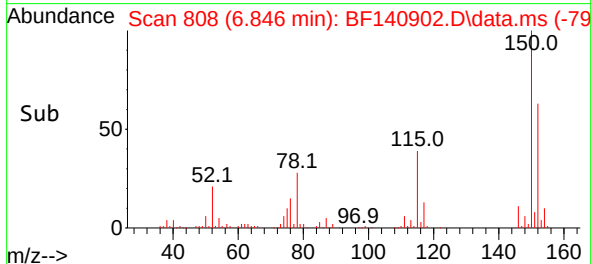
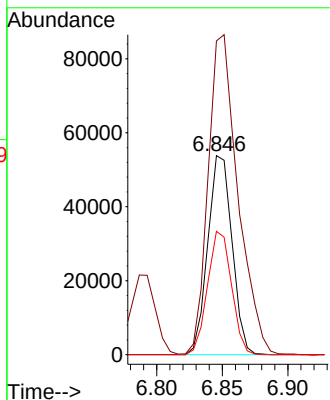
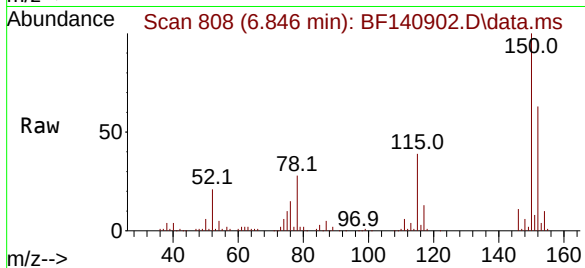




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF140902.D
 Acq: 18 Dec 2024 13:37

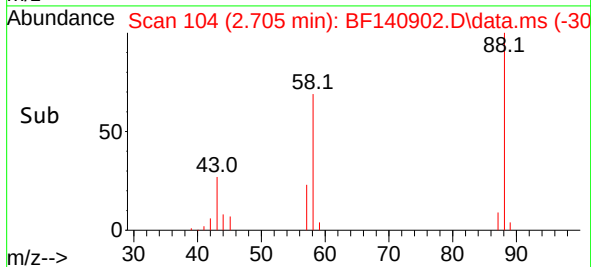
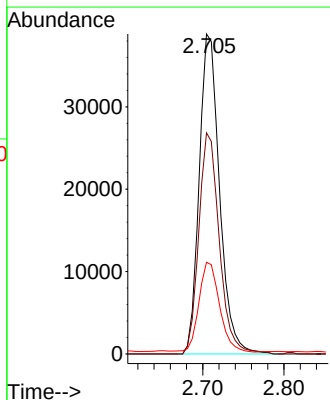
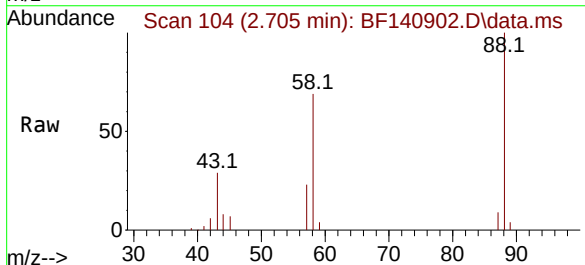
Instrument :
 BNA_F
 ClientSampleId :
 PB165682BS

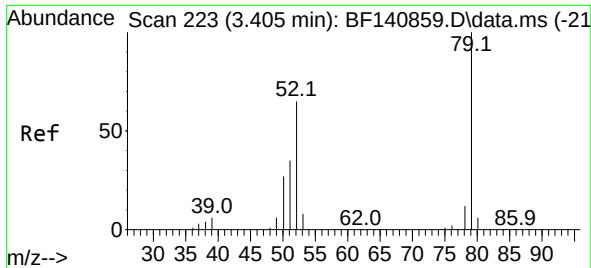
Tgt Ion:152 Resp: 69271
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.9 191.9
 115 61.9 48.0 72.0



#2
 1,4-Dioxane
 Concen: 37.312 ng
 RT: 2.705 min Scan# 104
 Delta R.T. 0.082 min
 Lab File: BF140902.D
 Acq: 18 Dec 2024 13:37

Tgt Ion: 88 Resp: 67629
 Ion Ratio Lower Upper
 88 100
 58 69.7 55.8 83.8
 43 28.4 22.7 34.1





#3

Pyridine

Concen: 41.117 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

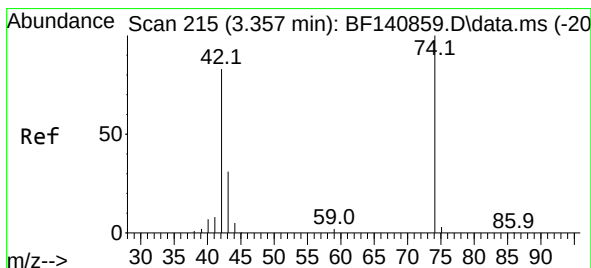
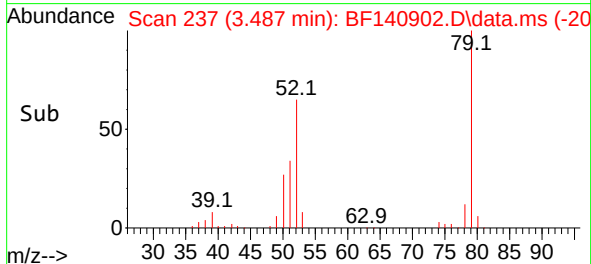
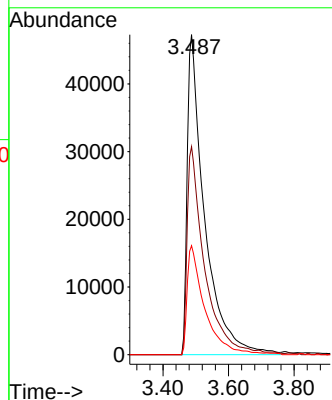
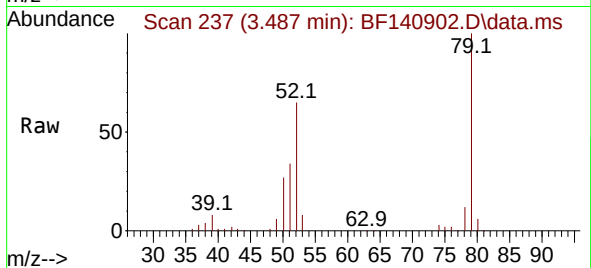
Tgt Ion: 79 Resp: 172590

Ion Ratio Lower Upper

79 100

52 65.0 51.7 77.5

51 34.0 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 46.503 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.076 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

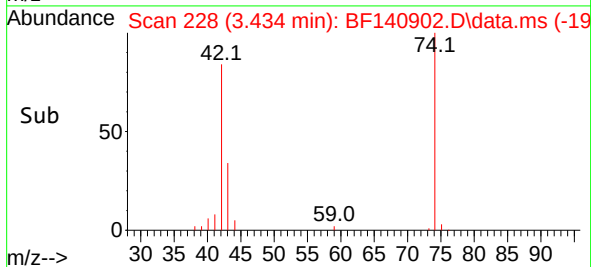
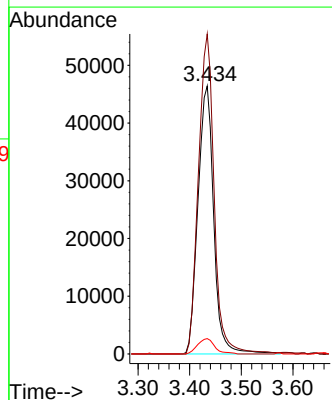
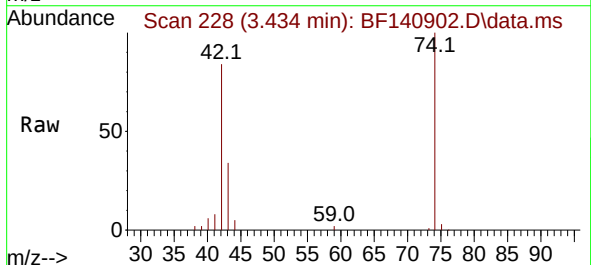
Tgt Ion: 42 Resp: 98403

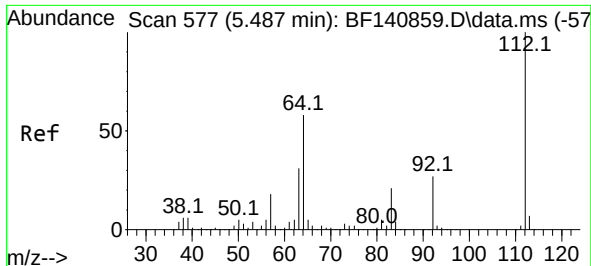
Ion Ratio Lower Upper

42 100

74 119.4 96.9 145.3

44 5.7 4.4 6.6

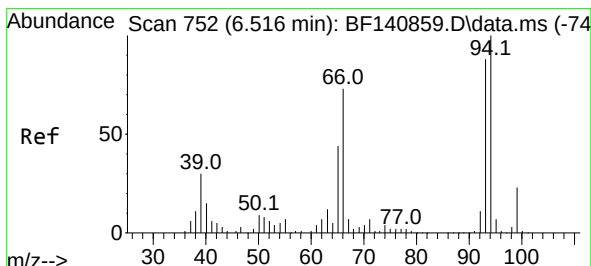
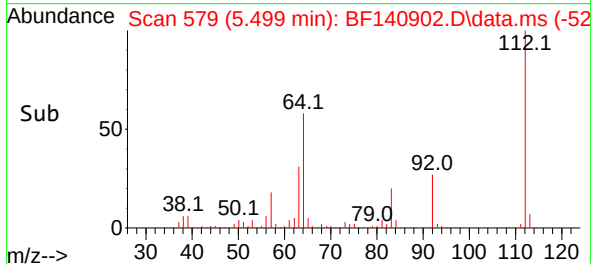
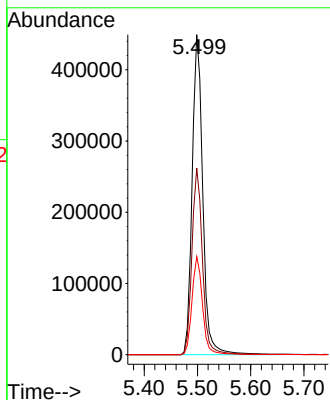
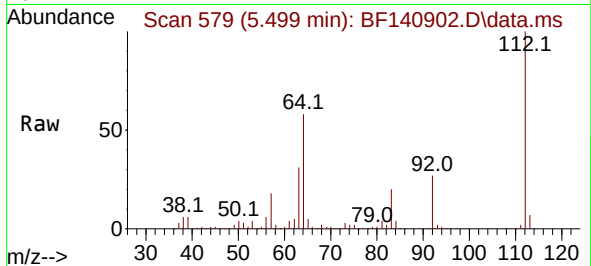




#5
2-Fluorophenol
Concen: 148.427 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

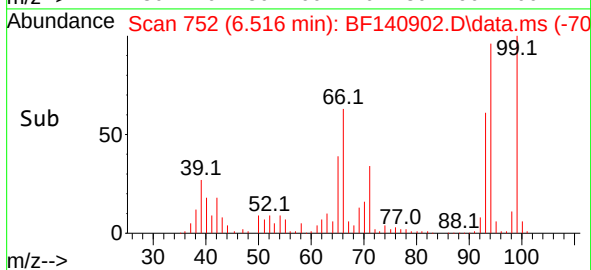
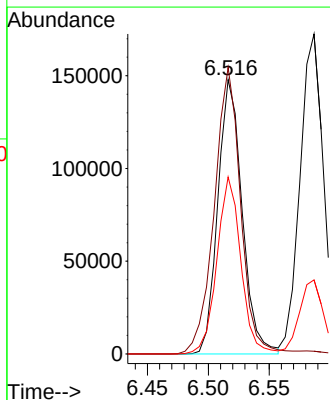
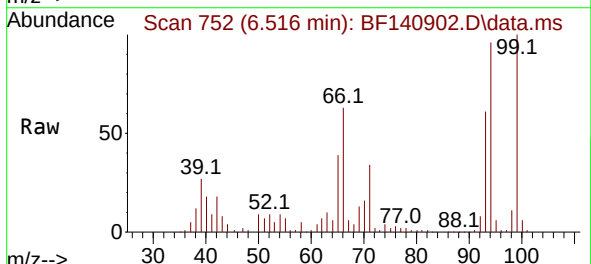
Instrument :
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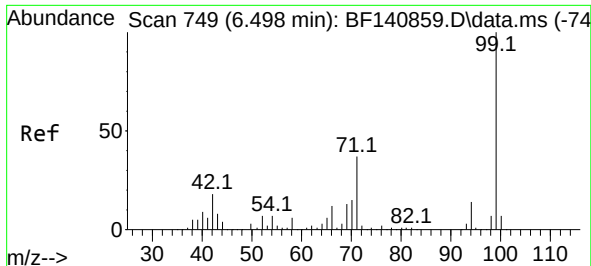
Tgt Ion:112 Resp: 624579
Ion Ratio Lower Upper
112 100
64 58.3 46.1 69.1
63 30.6 24.9 37.3



#6
Aniline
Concen: 43.156 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 93 Resp: 205659
Ion Ratio Lower Upper
93 100
66 104.4 67.0 100.4#
65 64.5 40.4 60.6#

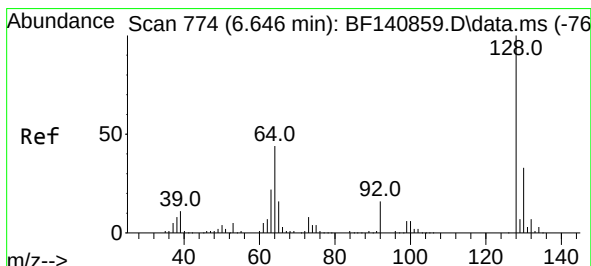
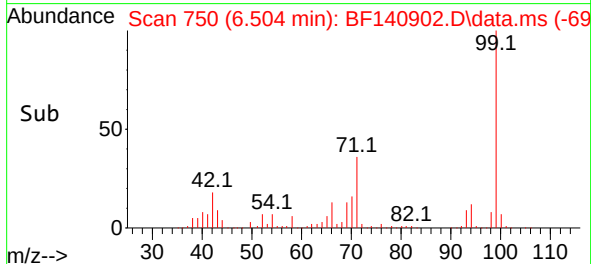
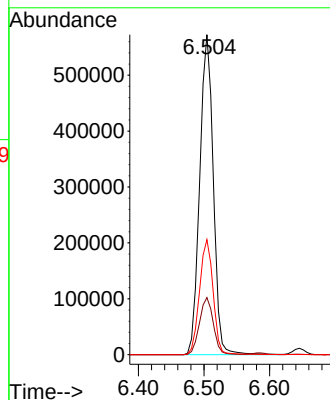
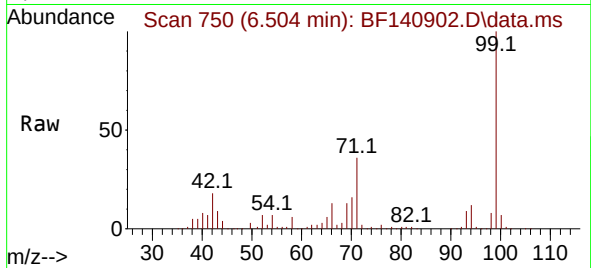




#7
Phenol-d6
Concen: 148.345 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

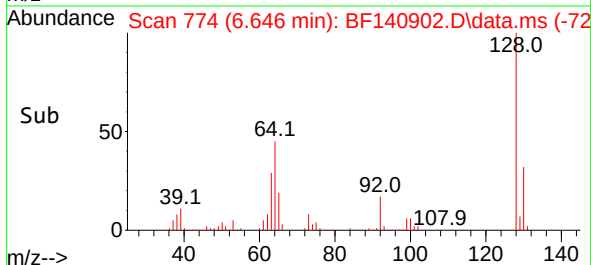
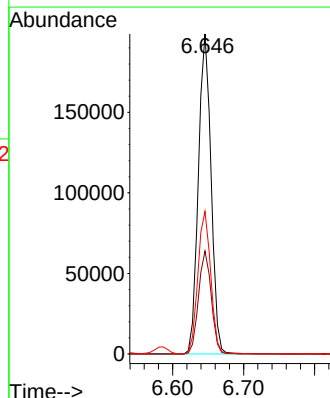
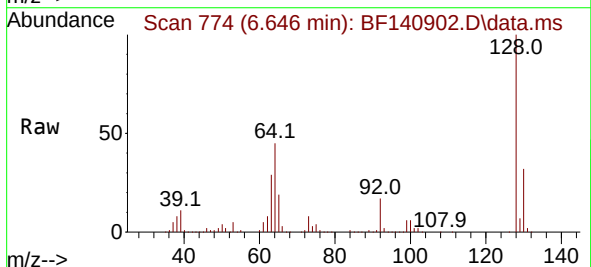
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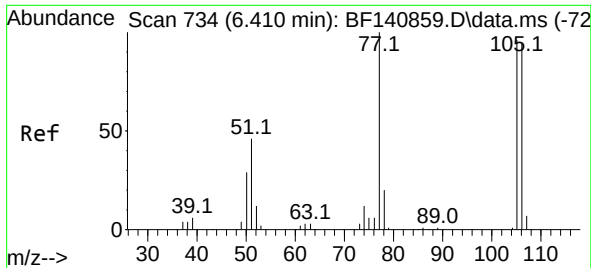
Tgt Ion: 99 Resp: 826803
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.0 29.9 44.9



#8
2-Chlorophenol
Concen: 53.950 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 128 Resp: 247566
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 44.5 24.3 64.3





#9

Benzaldehyde

Concen: 17.127 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

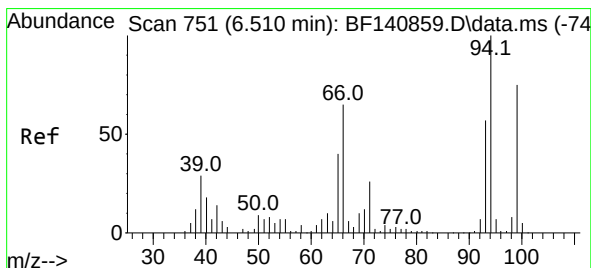
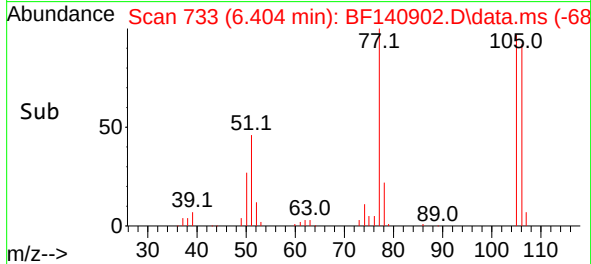
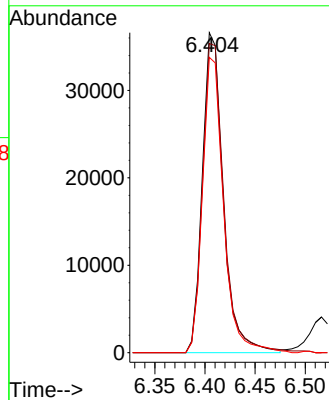
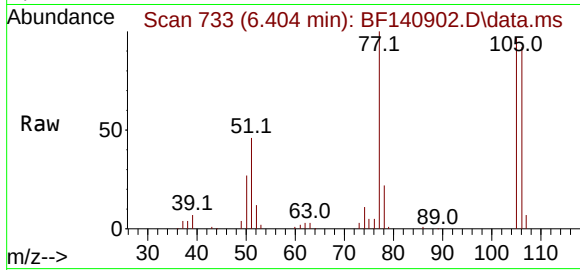
Tgt Ion: 77 Resp: 52891

Ion Ratio Lower Upper

77 100

105 96.6 75.8 115.8

106 92.3 74.1 114.1



#10

Phenol

Concen: 52.994 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

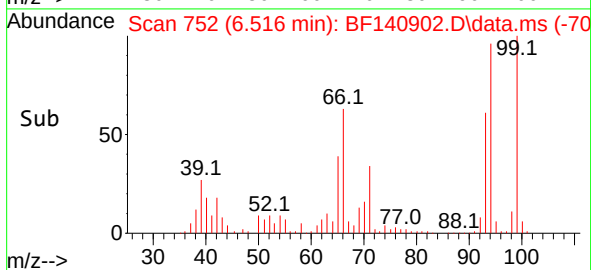
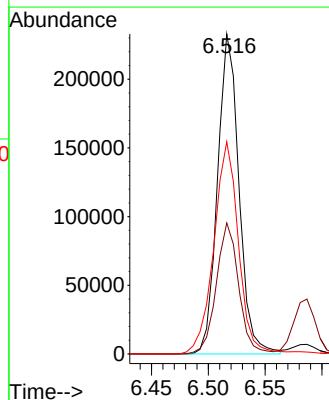
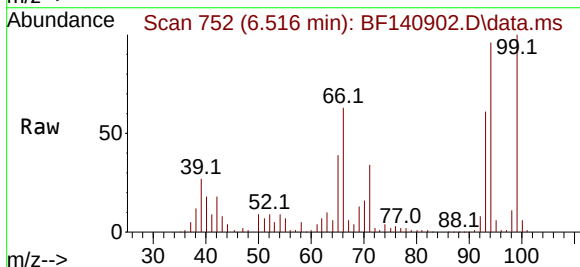
Tgt Ion: 94 Resp: 306120

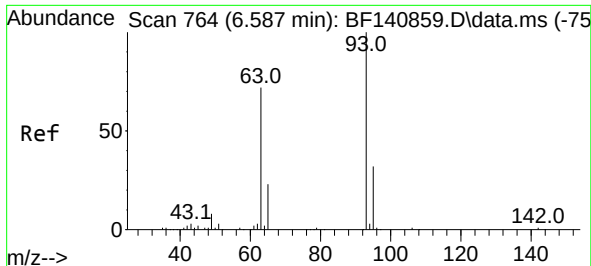
Ion Ratio Lower Upper

94 100

65 41.0 19.9 59.9

66 66.3 45.6 85.6

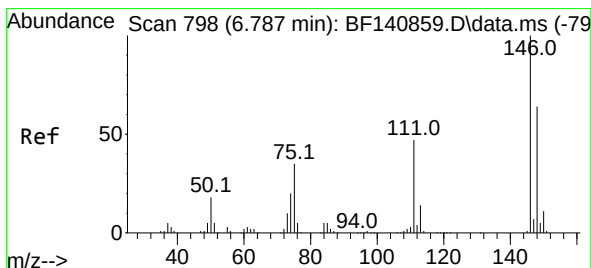
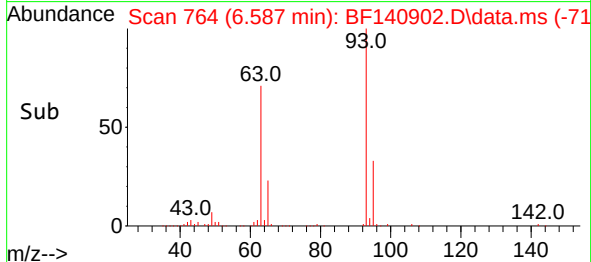
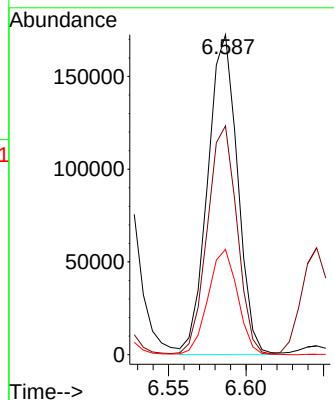
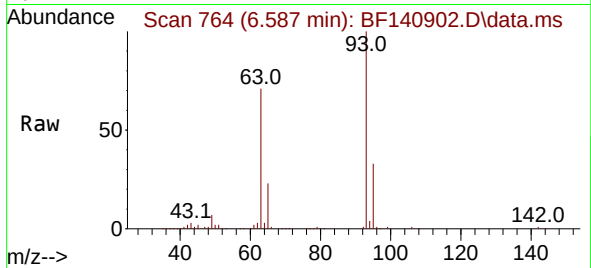




#11
bis(2-Chloroethyl)ether
Concen: 53.535 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

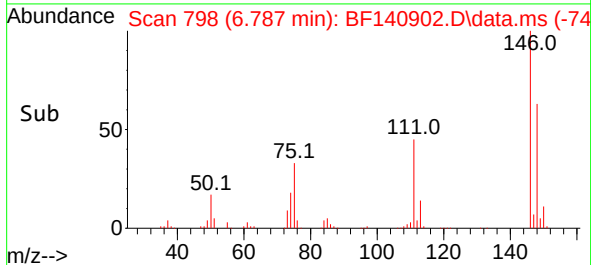
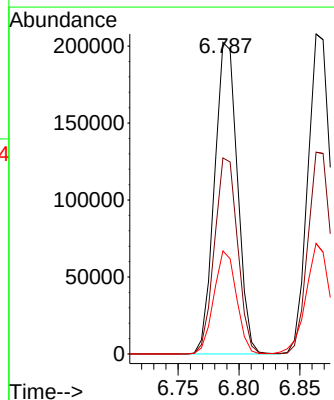
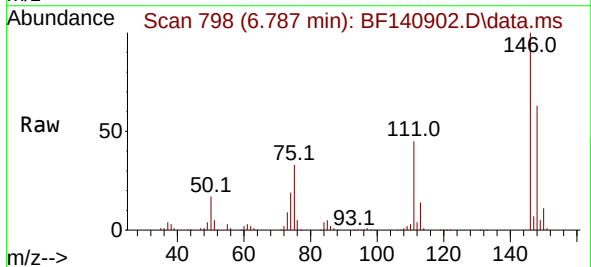
Instrument :
BNA_F
ClientSampleId :
PB165682BS

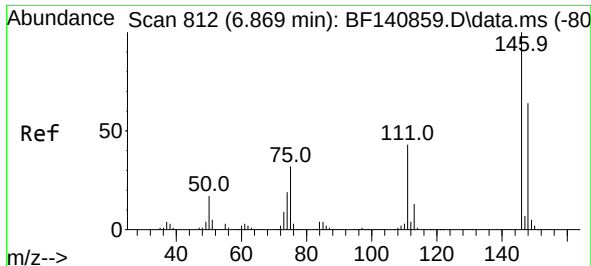
Tgt Ion: 93 Resp: 230623
Ion Ratio Lower Upper
93 100
63 71.5 51.0 91.0
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 50.819 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 146 Resp: 265723
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
75 33.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 51.390 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140902.D

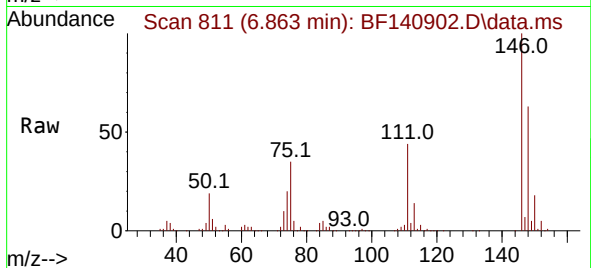
Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS



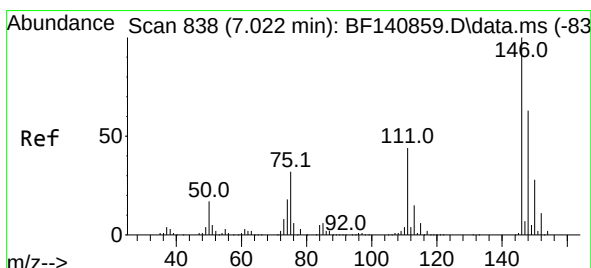
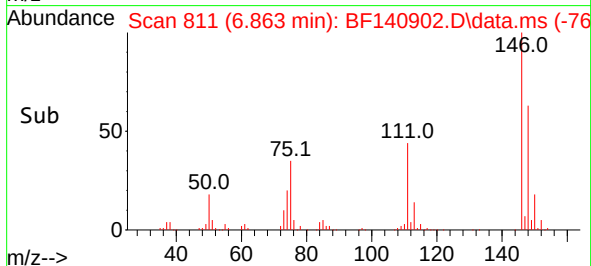
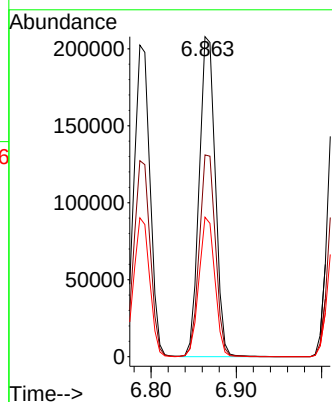
Tgt Ion:146 Resp: 272762

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 52.615 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

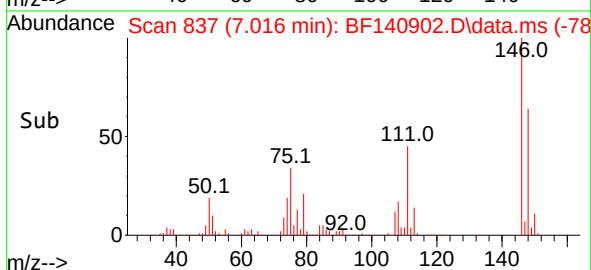
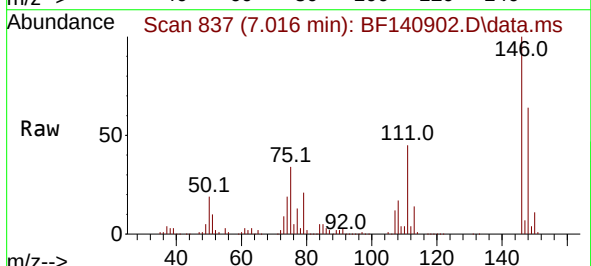
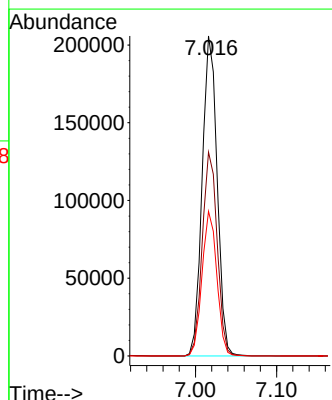
Tgt Ion:146 Resp: 263485

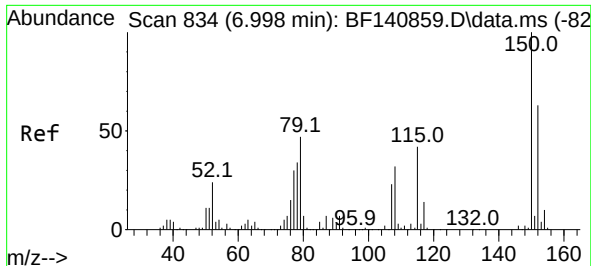
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 45.2 35.6 53.4

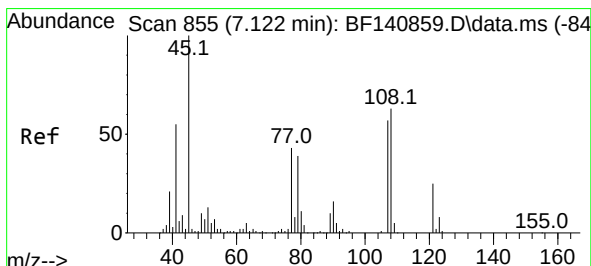
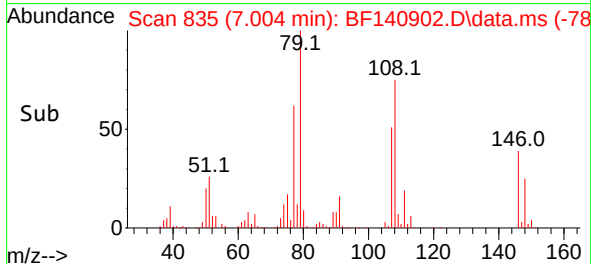
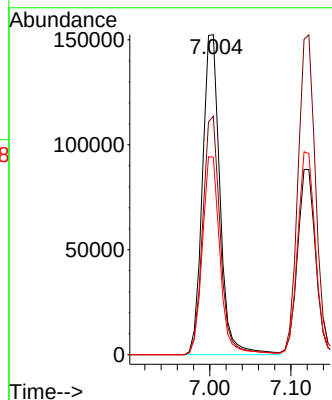
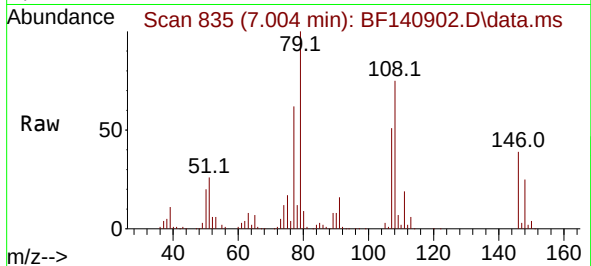




#15
Benzyl Alcohol
Concen: 57.573 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

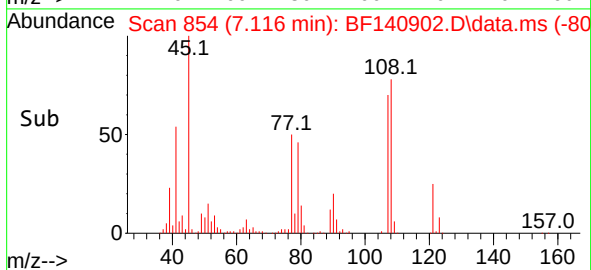
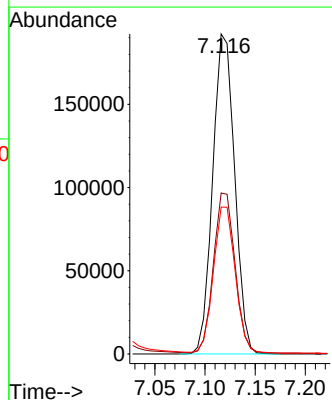
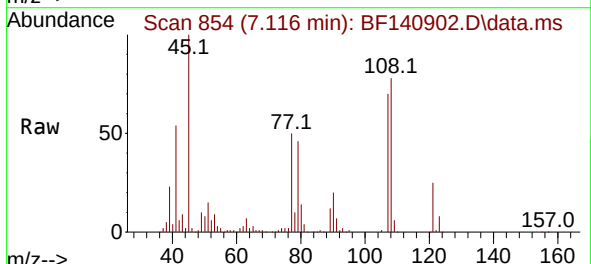
Instrument :
BNA_F
ClientSampleId :
PB165682BS

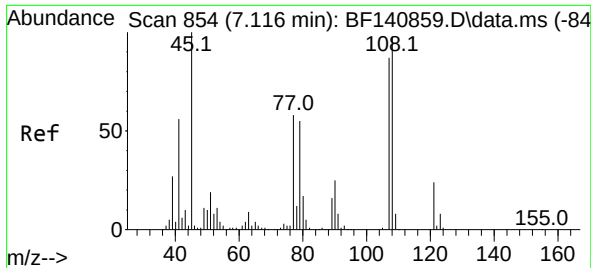
Tgt Ion: 79 Resp: 229432
Ion Ratio Lower Upper
79 100
108 74.5 55.1 82.7
77 61.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.588 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 45 Resp: 292246
Ion Ratio Lower Upper
45 100
77 50.3 23.3 63.3
79 45.9 20.0 60.0

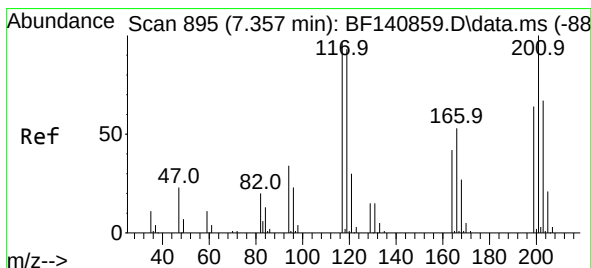
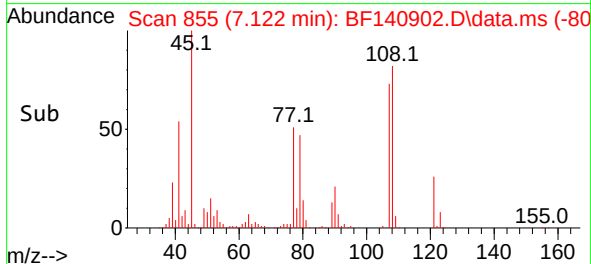
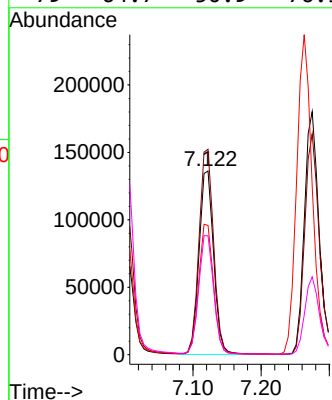
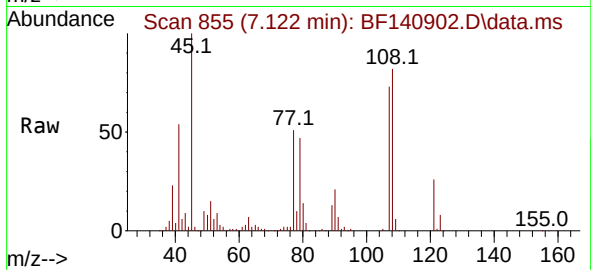




#17
2-Methylphenol
Concen: 55.264 ng
RT: 7.122 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

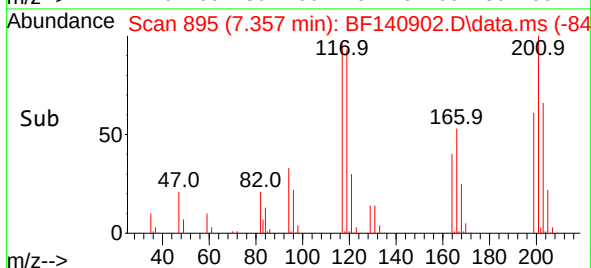
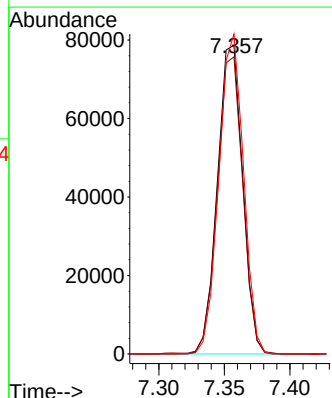
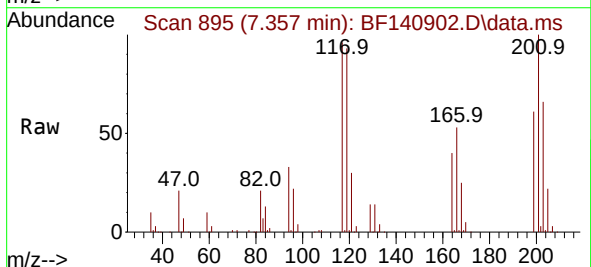
Instrument :
BNA_F
ClientSampleId :
PB165682BS

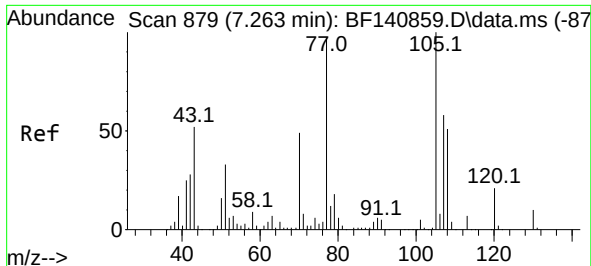
Tgt Ion:	107	Resp:	202465
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.4
77	70.4	53.8	80.6
79	64.7	50.9	76.3



#18
Hexachloroethane
Concen: 53.445 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:	117	Resp:	105603
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	103.7	83.4	125.0



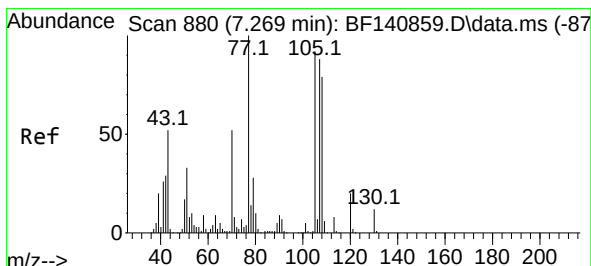
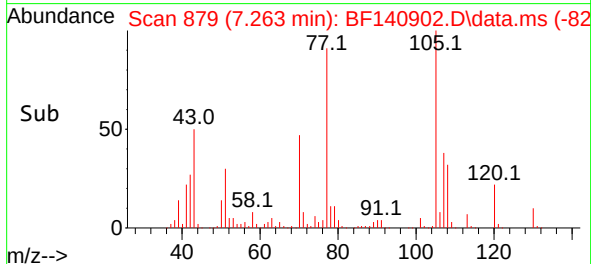
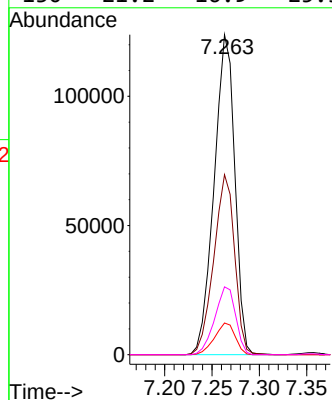
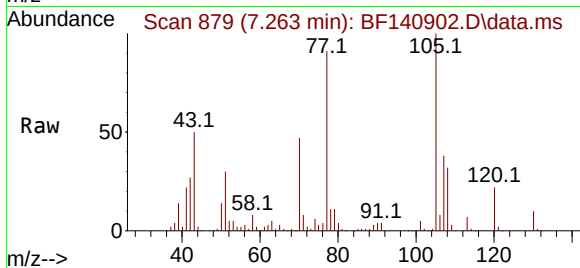


#19
n-Nitroso-di-n-propylamine
Concen: 56.334 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion: 70 Resp: 188339

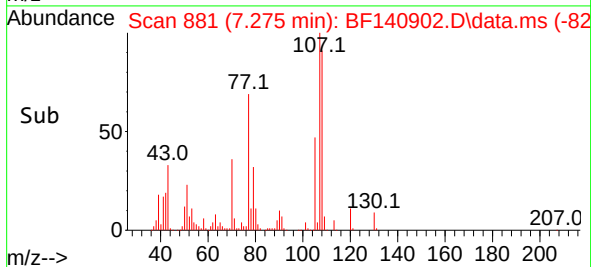
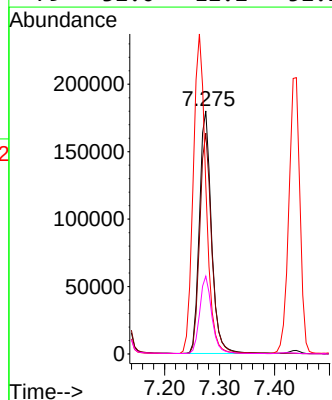
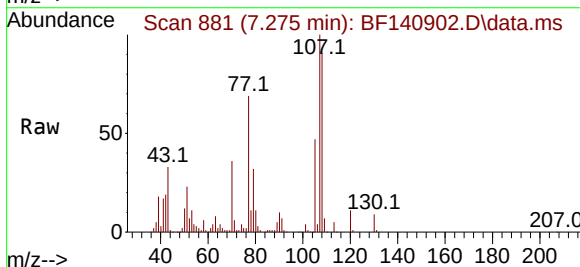
Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	9.9	8.0	12.0
130	21.2	16.9	25.3

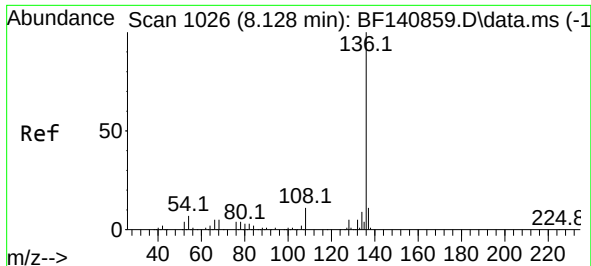


#20
3+4-Methylphenols
Concen: 56.367 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 107 Resp: 273831

Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.1	110.1
77	69.3	94.4	134.4#
79	32.0	12.2	52.2



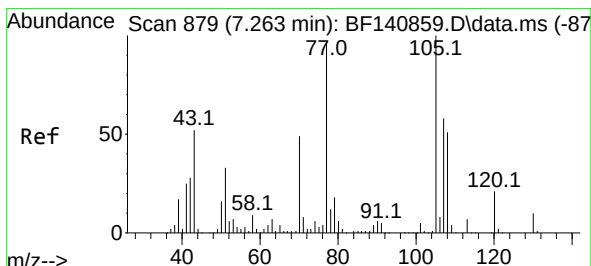
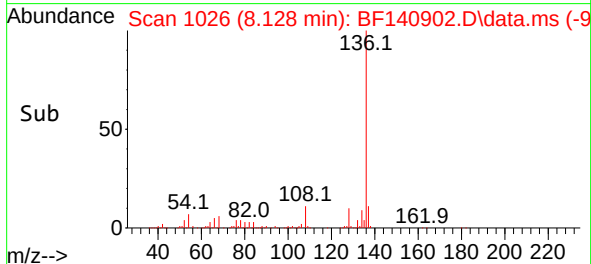
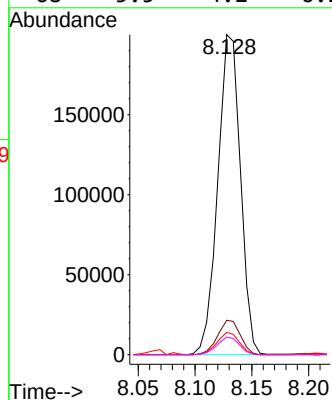
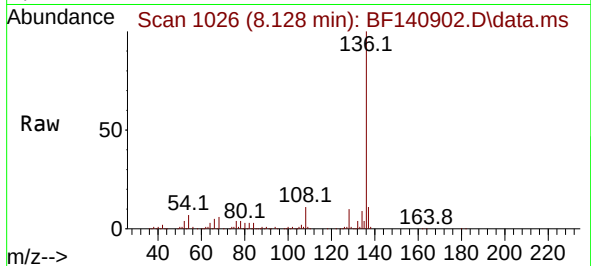


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

Tgt Ion:136 Resp: 278195

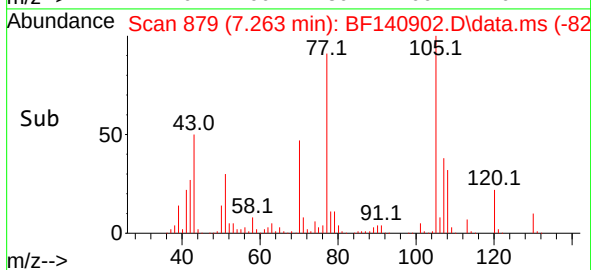
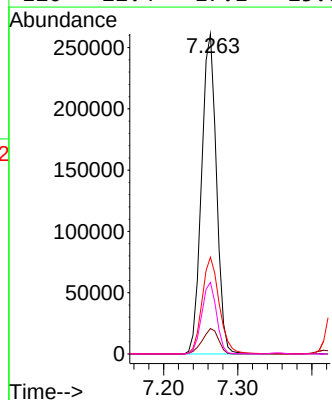
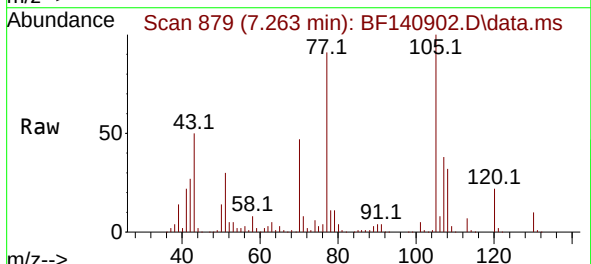
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.0	5.6	8.4
68	5.5	4.2	6.2

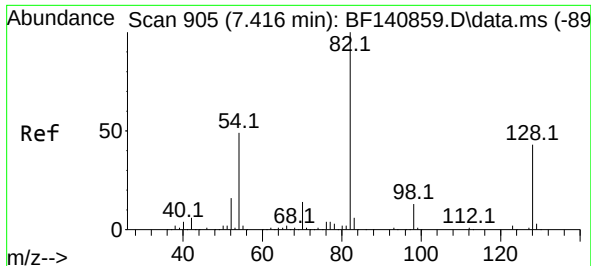


#22
Acetophenone
Concen: 52.502 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:105 Resp: 365369

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.2	9.4
51	30.3	26.3	39.5
120	22.4	17.1	25.7

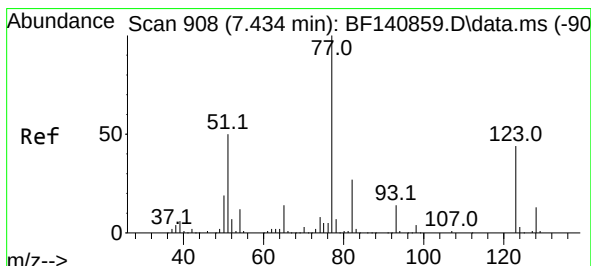
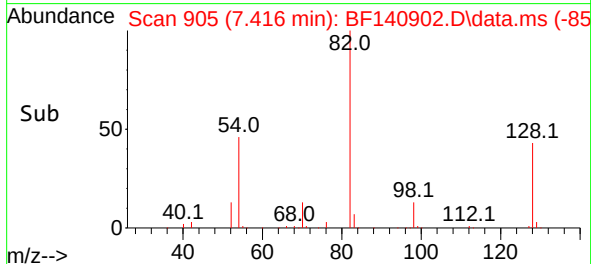
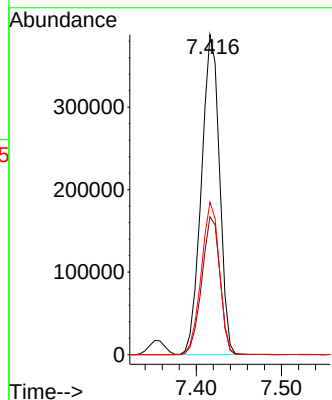
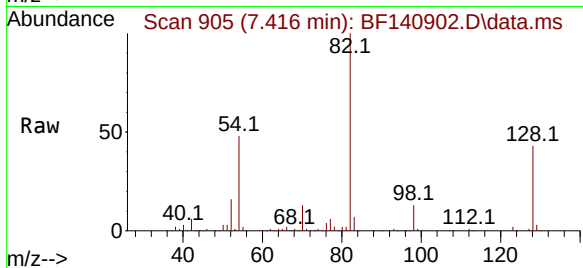




#23
Nitrobenzene-d5
Concen: 102.843 ng
RT: 7.416 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

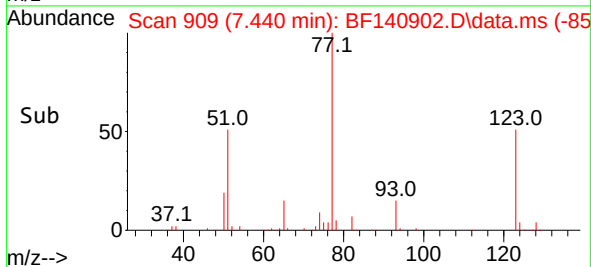
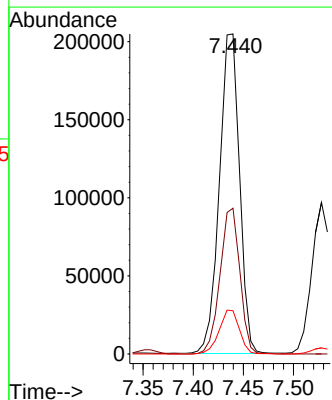
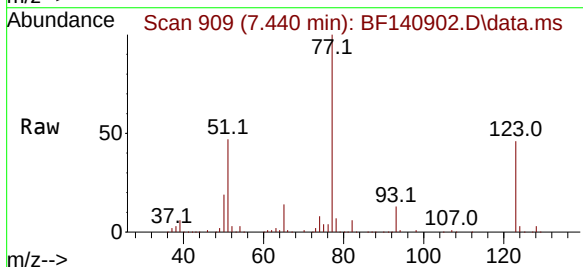
Instrument :
BNA_F
ClientSampleId :
PB165682BS

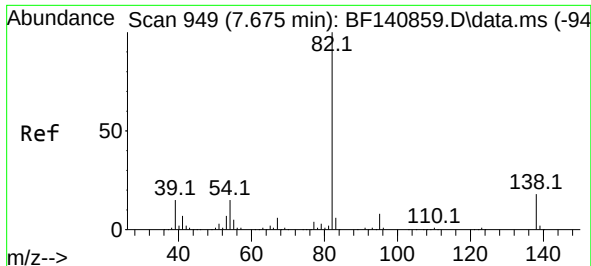
Tgt Ion: 82 Resp: 571852
Ion Ratio Lower Upper
82 100
128 43.1 34.4 51.6
54 47.7 38.8 58.2



#24
Nitrobenzene
Concen: 50.138 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 77 Resp: 285610
Ion Ratio Lower Upper
77 100
123 45.5 35.0 52.4
65 13.5 11.4 17.0

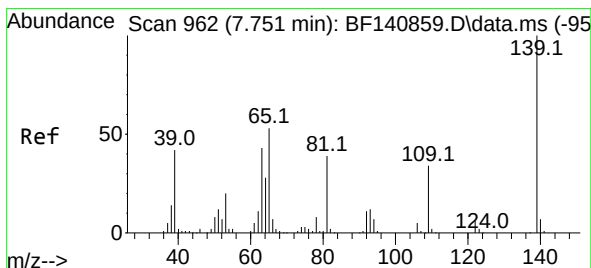
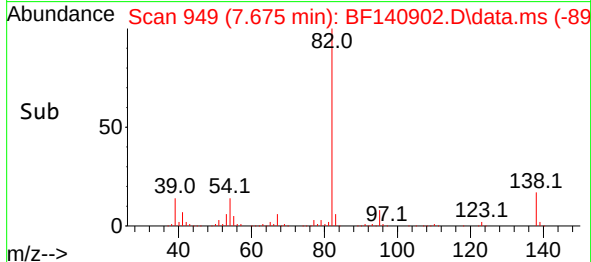
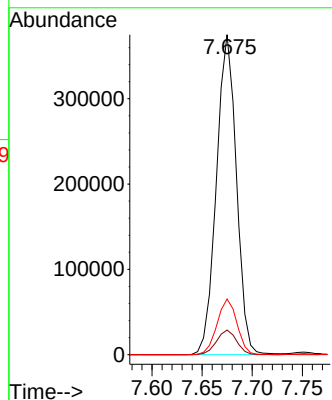
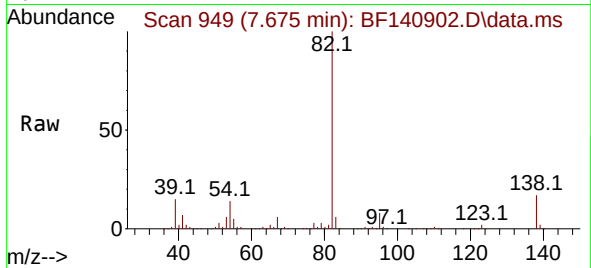




#25
Isophorone
Concen: 55.898 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

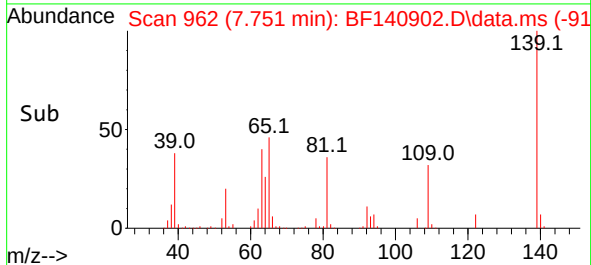
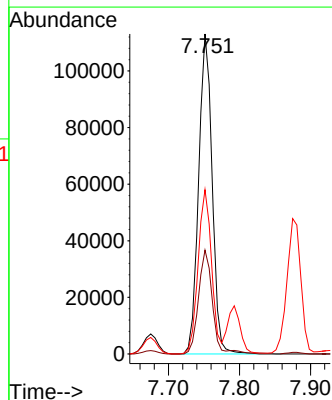
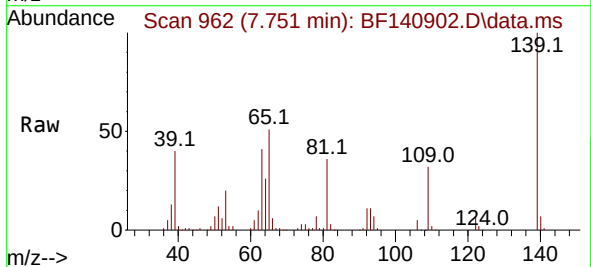
Instrument :
BNA_F
ClientSampleId :
PB165682BS

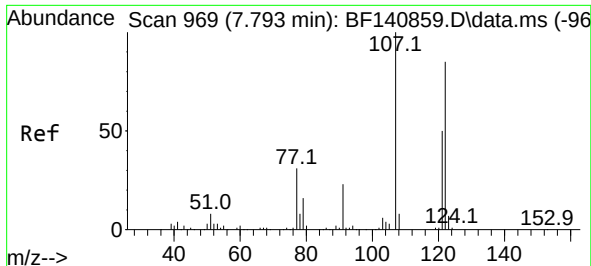
Tgt Ion: 82 Resp: 520793
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.4 14.1 21.1



#26
2-Nitrophenol
Concen: 57.252 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 139 Resp: 150207
Ion Ratio Lower Upper
139 100
109 32.5 26.9 40.3
65 51.4 42.6 64.0

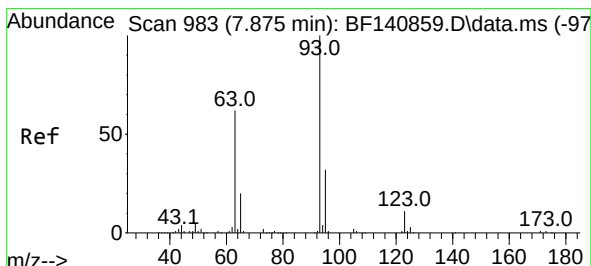
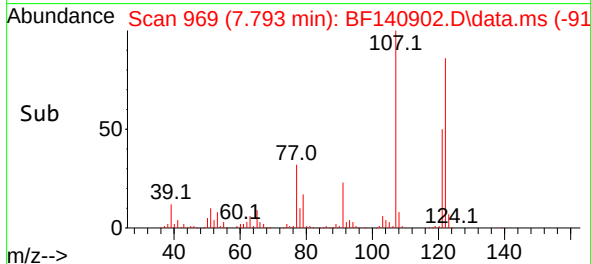
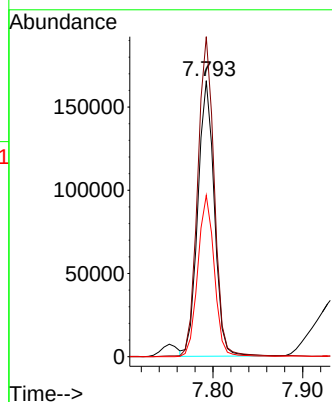
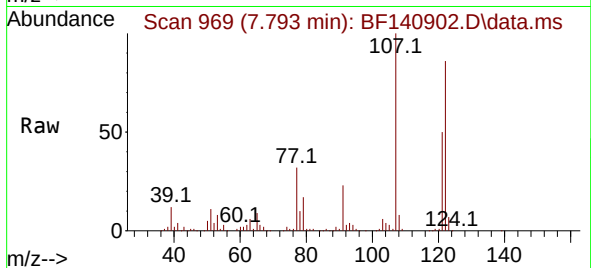




#27
2,4-Dimethylphenol
Concen: 68.786 ng
RT: 7.793 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

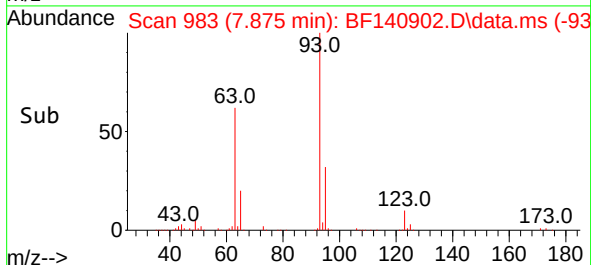
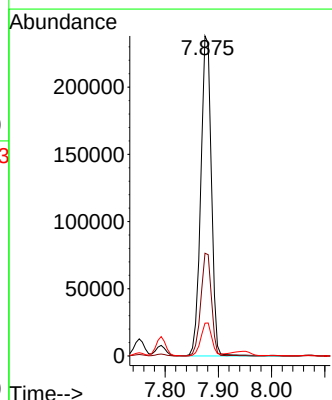
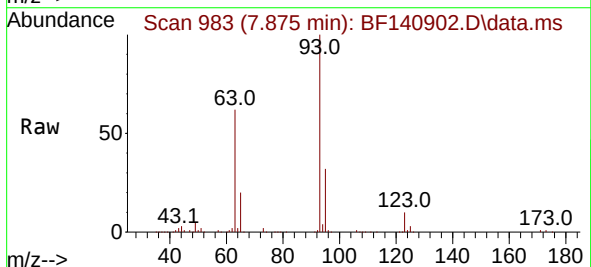
Instrument :
BNA_F
ClientSampleId :
PB165682BS

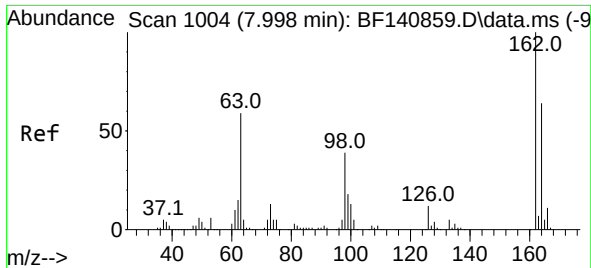
Tgt Ion:122 Resp: 210758
Ion Ratio Lower Upper
122 100
107 115.9 92.6 139.0
121 58.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 56.480 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 93 Resp: 328662
Ion Ratio Lower Upper
93 100
95 32.1 25.3 37.9
123 10.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.100 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

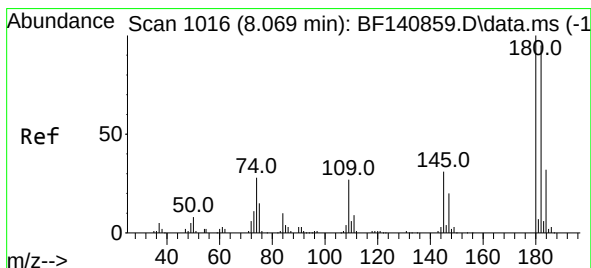
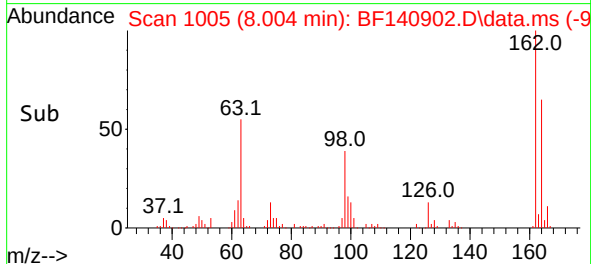
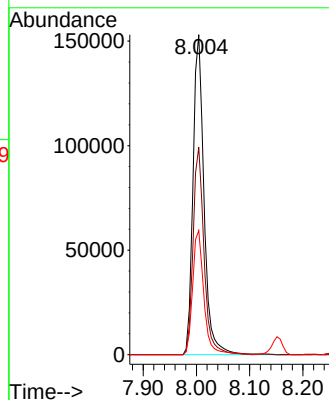
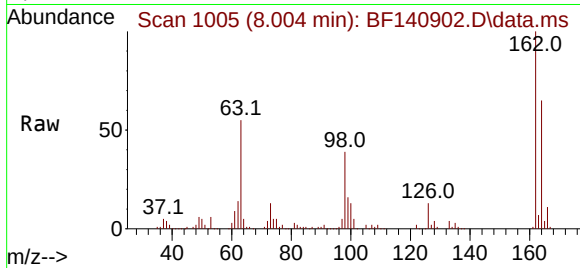
Tgt Ion:162 Resp: 220391

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 38.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.884 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

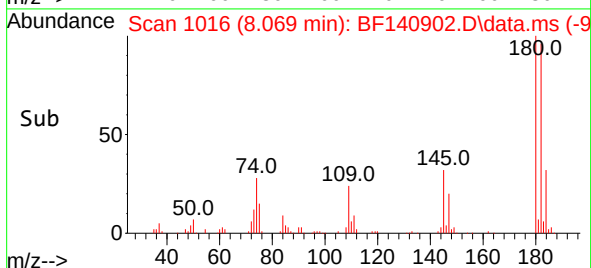
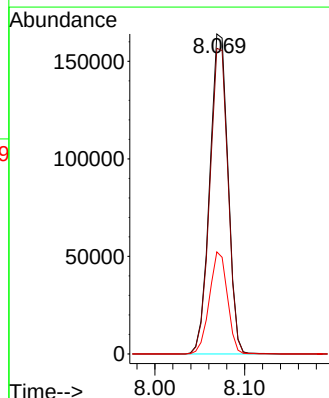
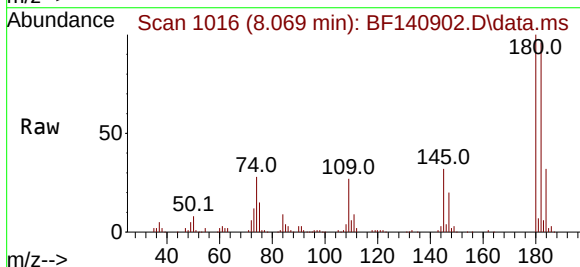
Tgt Ion:180 Resp: 232201

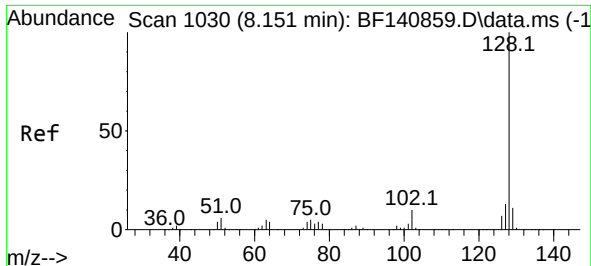
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

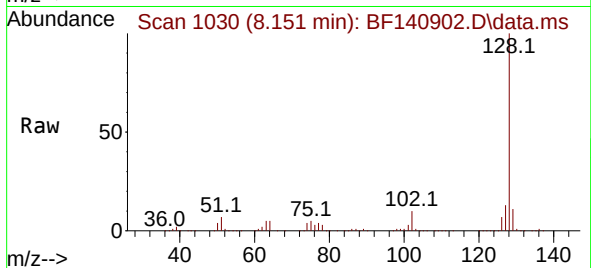
145 31.9 25.2 37.8



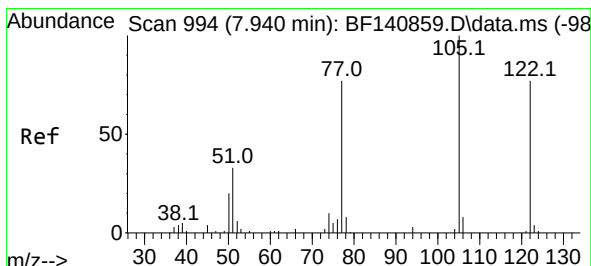
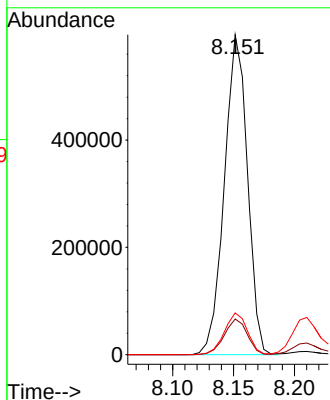
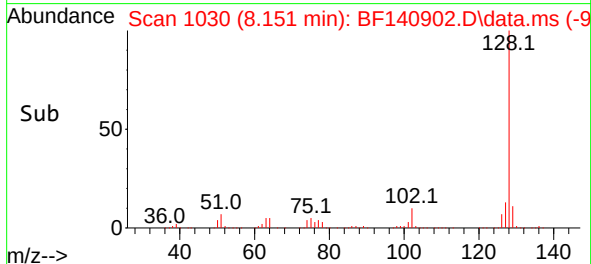


#31
Naphthalene
Concen: 51.511 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Instrument :
BNA_F
ClientSampleId :
PB165682BS

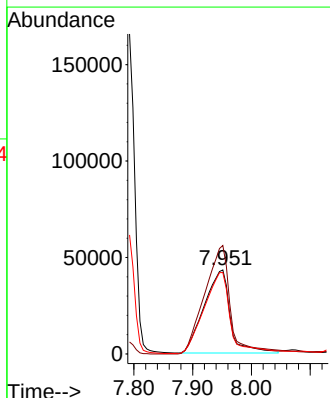
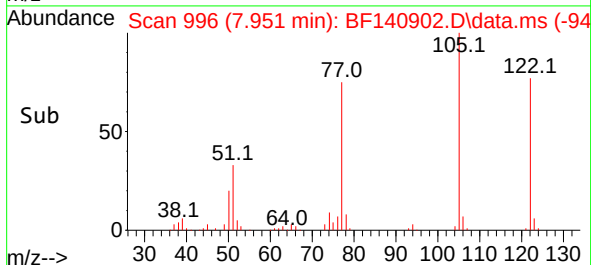
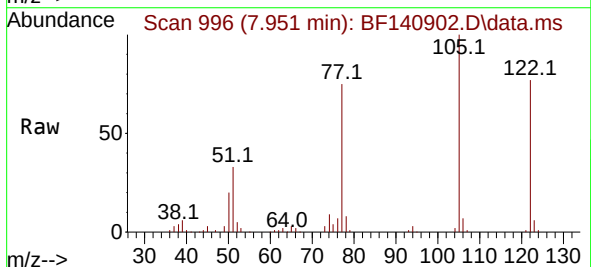


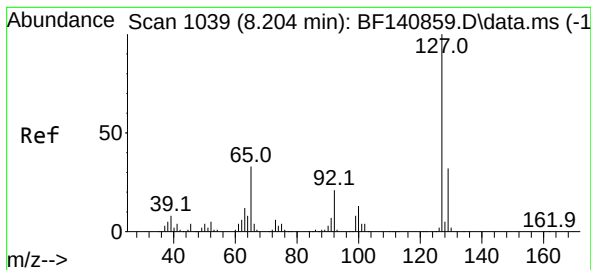
Tgt Ion:128 Resp: 787164
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 45.837 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:122 Resp: 133197
Ion Ratio Lower Upper
122 100
105 129.0 108.3 148.3
77 96.9 78.8 118.8





#33

4-Chloroaniline

Concen: 25.735 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

Tgt Ion:127 Resp: 130614

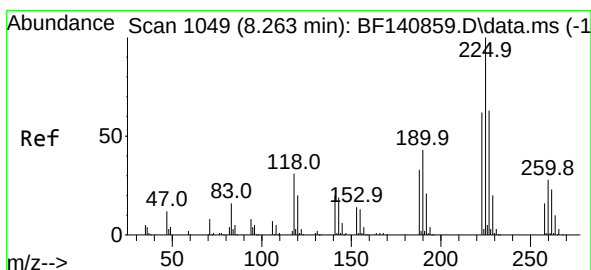
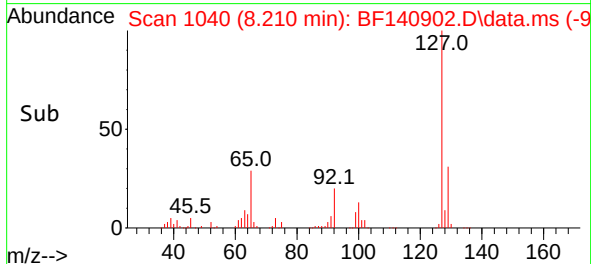
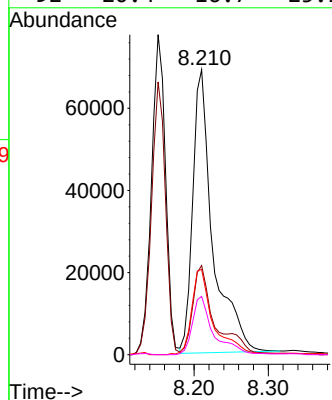
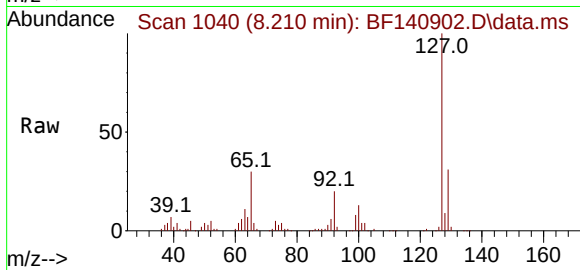
Ion Ratio Lower Upper

127 100

129 31.3 26.0 39.0

65 30.0 26.0 39.0

92 20.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 49.040 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

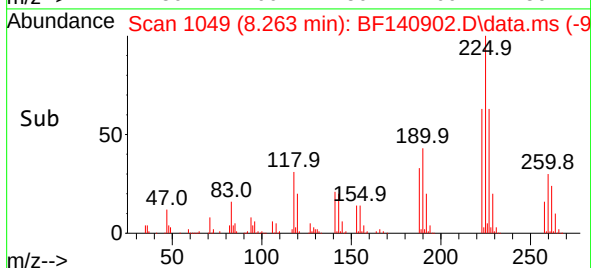
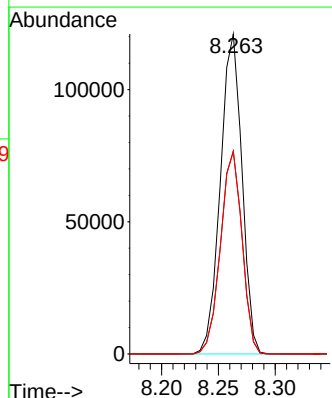
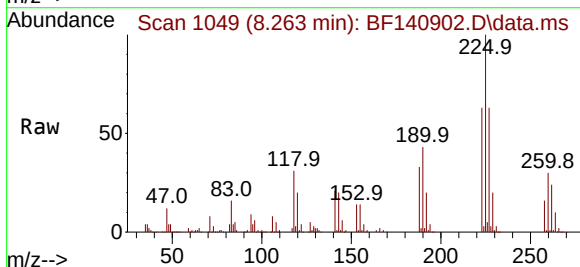
Tgt Ion:225 Resp: 159995

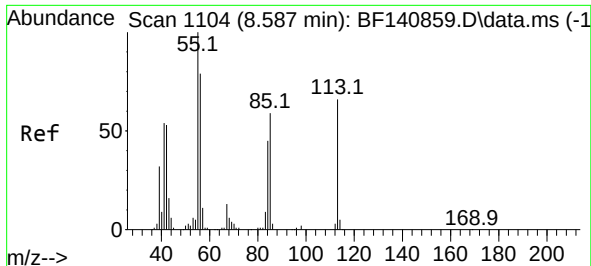
Ion Ratio Lower Upper

225 100

223 63.3 49.6 74.4

227 63.3 50.7 76.1

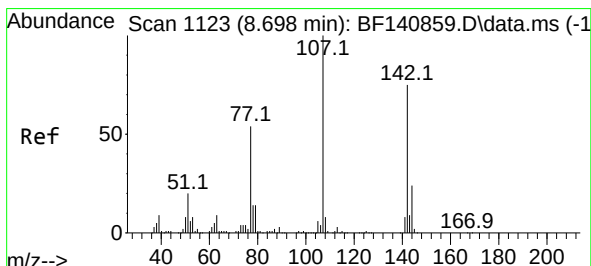
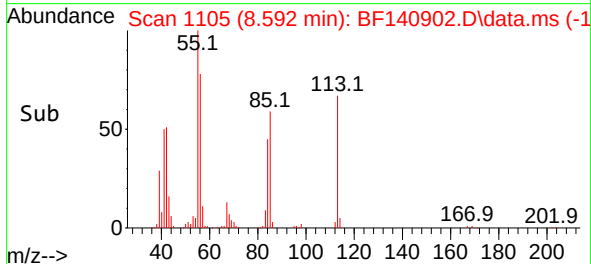
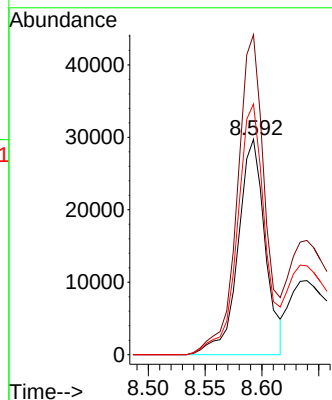
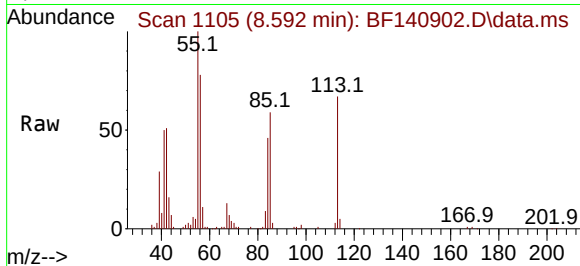




#35
Caprolactam
Concen: 39.195 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

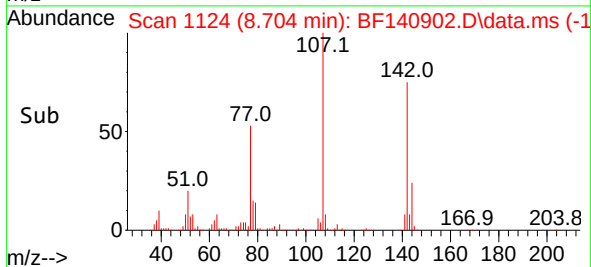
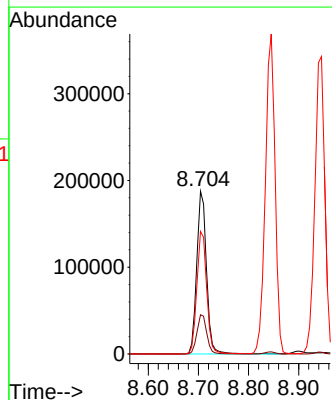
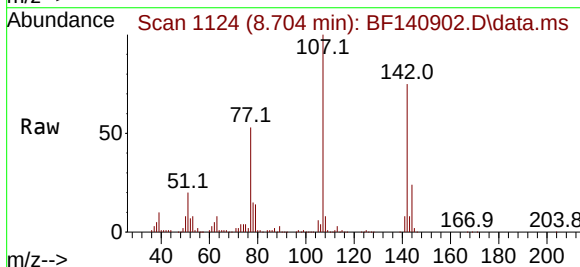
Instrument :
BNA_F
ClientSampleId :
PB165682BS

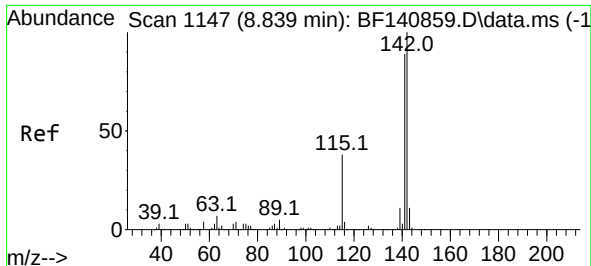
Tgt Ion:113 Resp: 49360
Ion Ratio Lower Upper
113 100
55 148.6 132.3 172.3
56 116.4 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 53.283 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:107 Resp: 253682
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 75.4 60.3 90.5

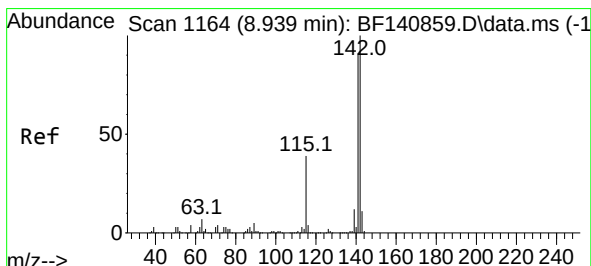
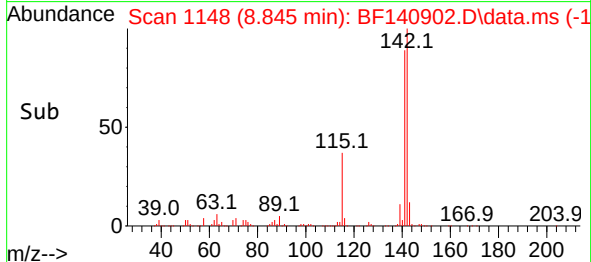
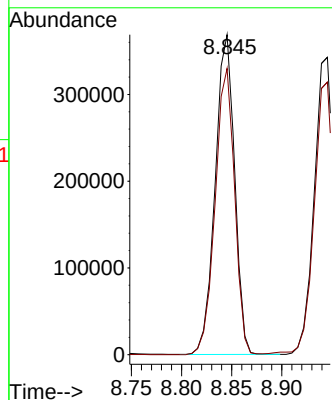
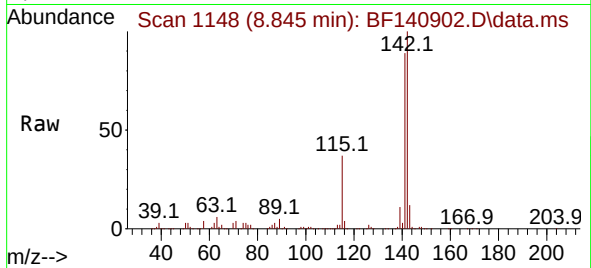




#37
2-Methylnaphthalene
Concen: 49.008 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

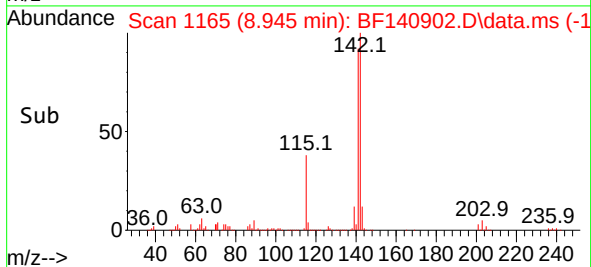
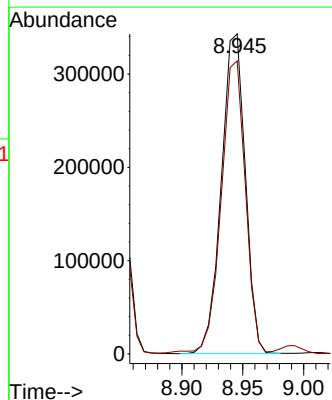
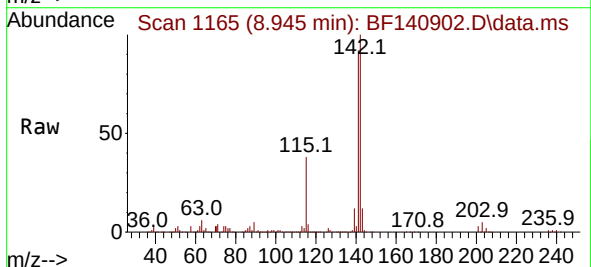
Instrument :
BNA_F
ClientSampleId :
PB165682BS

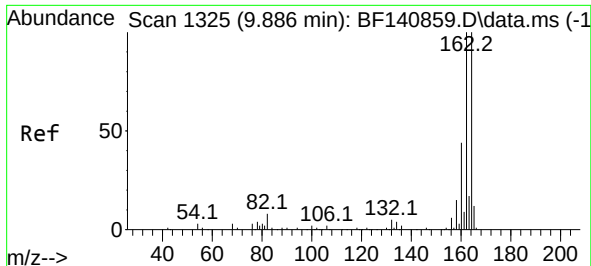
Tgt Ion:142 Resp: 495413
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.973 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:142 Resp: 469604
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0

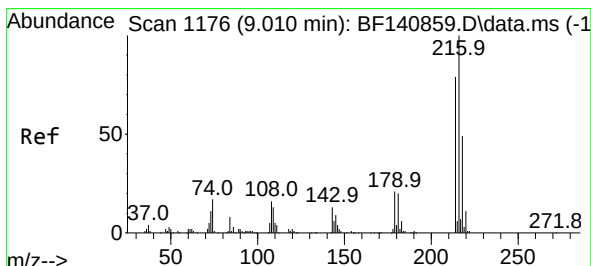
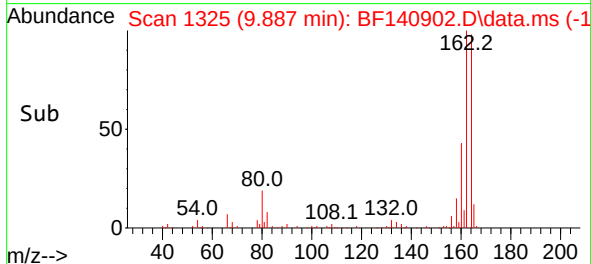
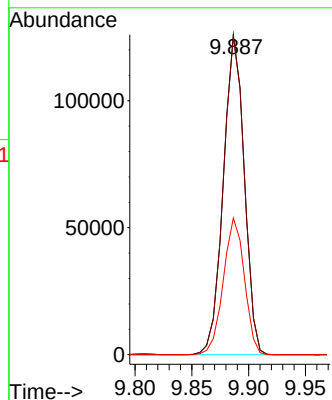
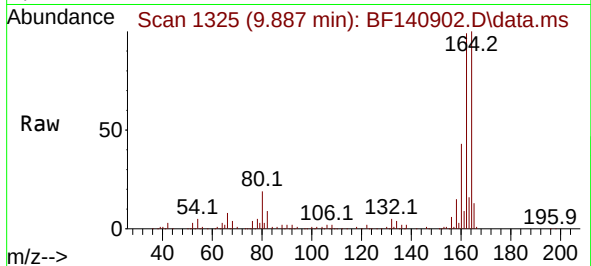




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

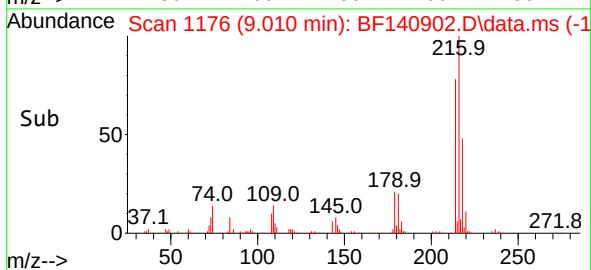
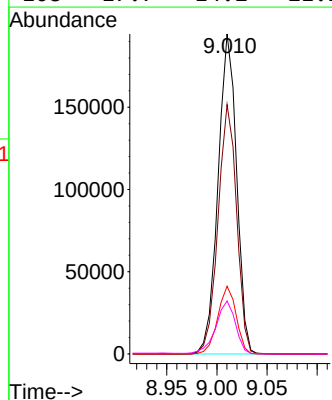
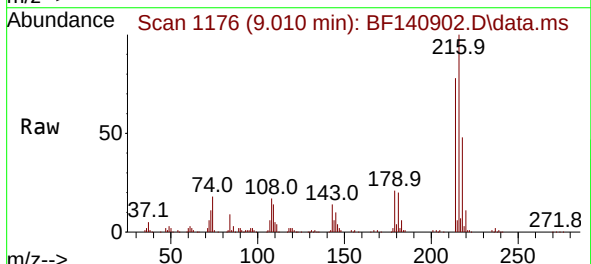
Instrument :
BNA_F
ClientSampleId :
PB165682BS

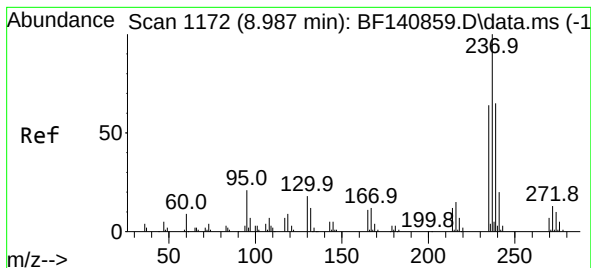
Tgt Ion:164 Resp: 161313
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 42.7 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.361 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:216 Resp: 249701
Ion Ratio Lower Upper
216 100
214 77.8 63.6 95.4
179 20.9 17.0 25.4
108 17.7 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 60.366 ng

RT: 8.992 min Scan# 1173

Delta R.T. 0.005 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

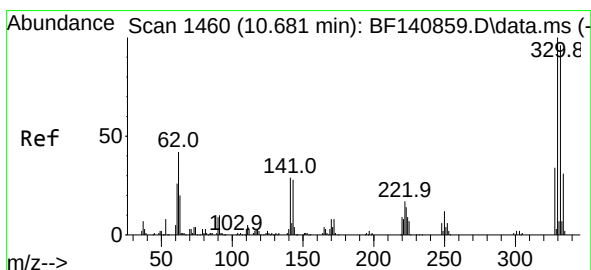
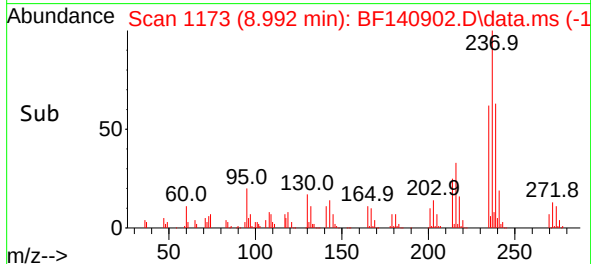
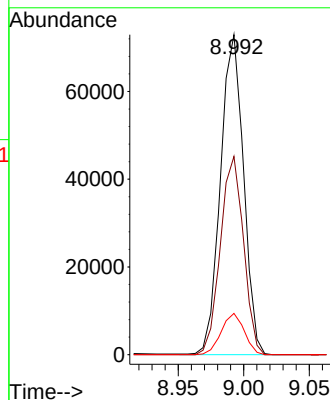
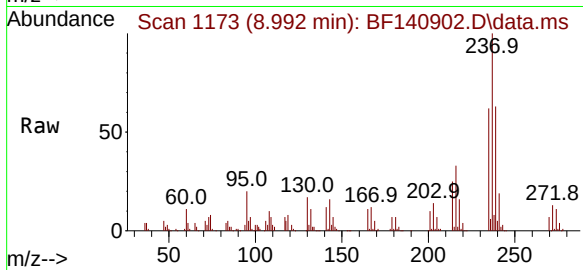
Tgt Ion:237 Resp: 89134

Ion Ratio Lower Upper

237 100

235 62.0 43.7 83.7

272 12.9 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 147.234 ng

RT: 10.686 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

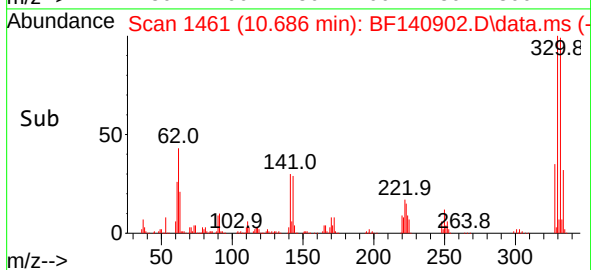
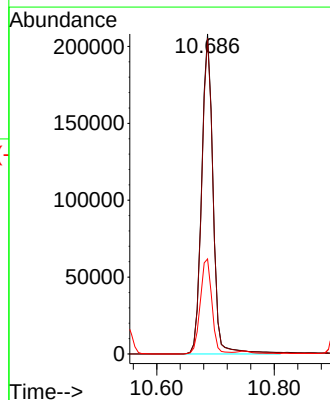
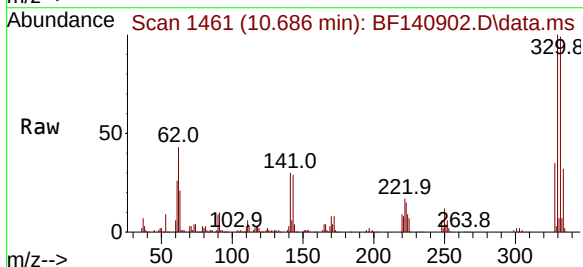
Tgt Ion:330 Resp: 280904

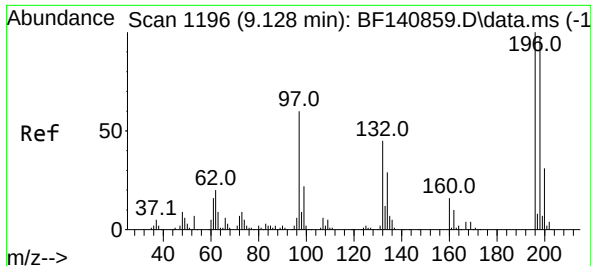
Ion Ratio Lower Upper

330 100

332 99.0 76.2 114.4

141 30.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 50.984 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

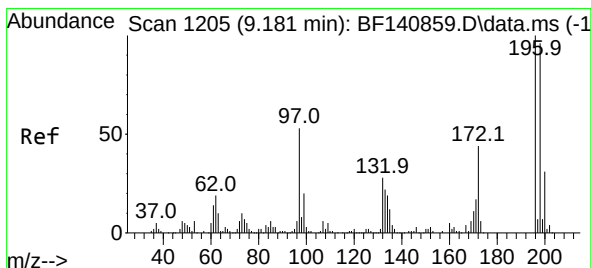
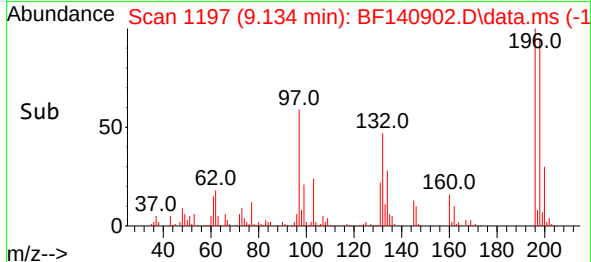
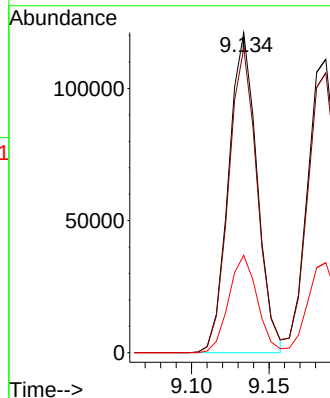
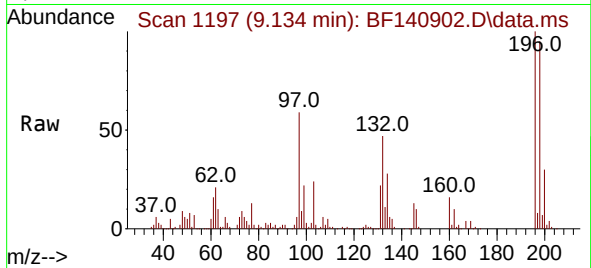
Tgt Ion:196 Resp: 154788

Ion Ratio Lower Upper

196 100

198 95.2 77.4 116.0

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 49.849 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Tgt Ion:196 Resp: 166346

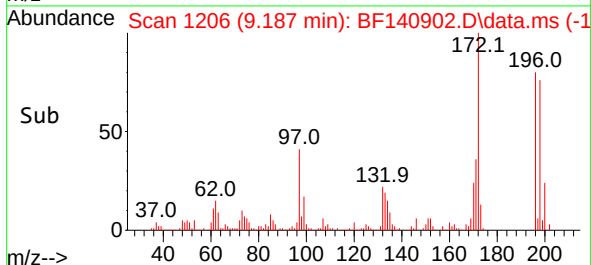
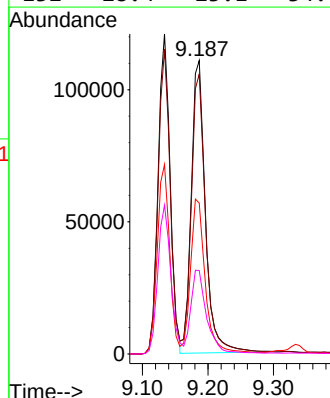
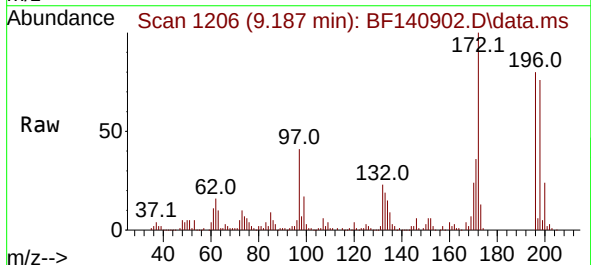
Ion Ratio Lower Upper

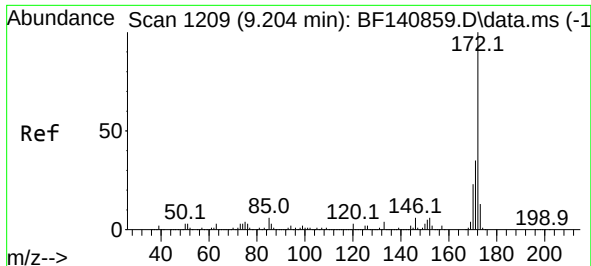
196 100

198 95.3 77.2 115.8

97 51.4 42.2 63.4

132 28.4 23.1 34.7

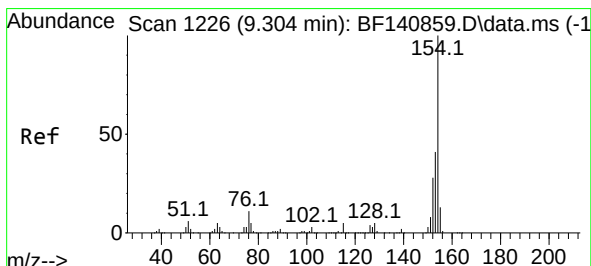
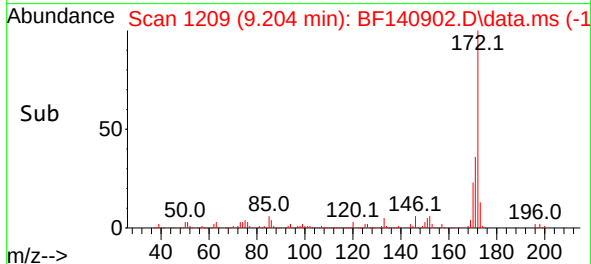
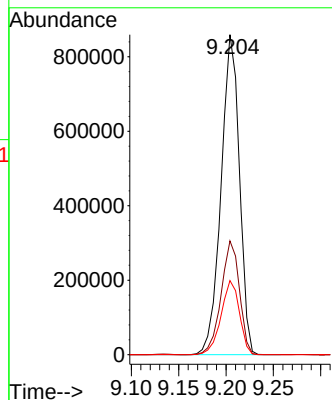
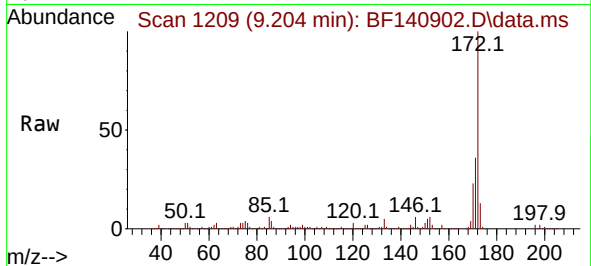




#45
2-Fluorobiphenyl
Concen: 98.777 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

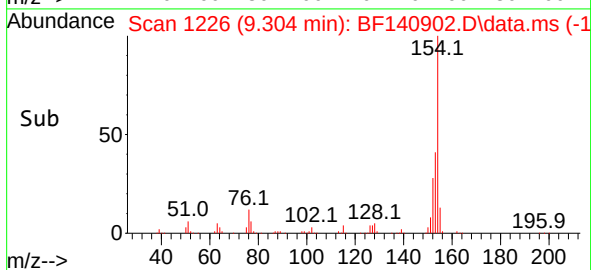
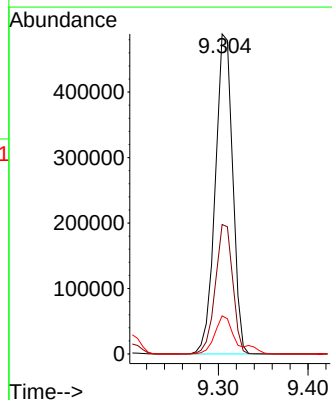
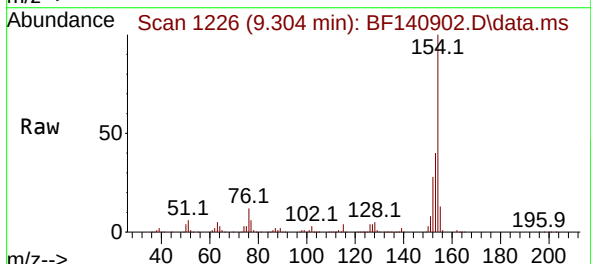
Instrument :
BNA_F
ClientSampleId :
PB165682BS

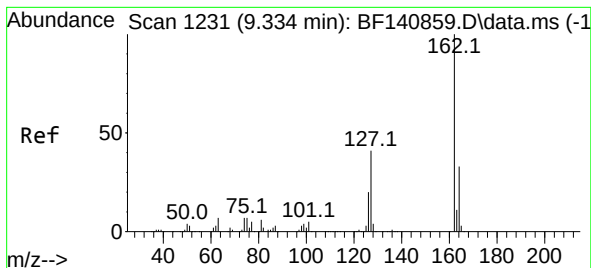
Tgt Ion:172 Resp: 1158965
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.364 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:154 Resp: 658859
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.772 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

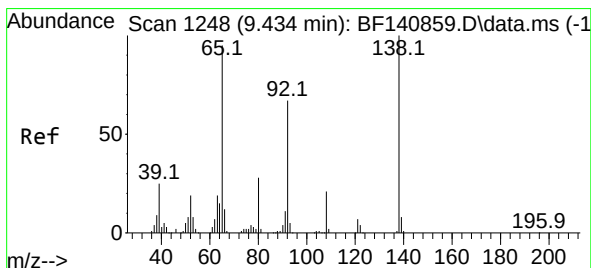
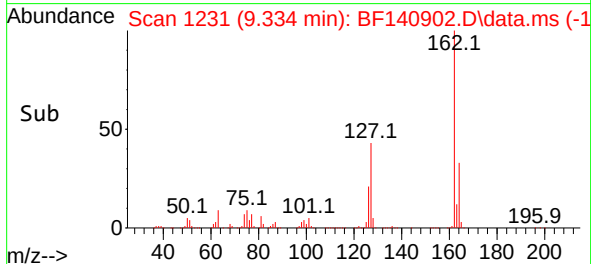
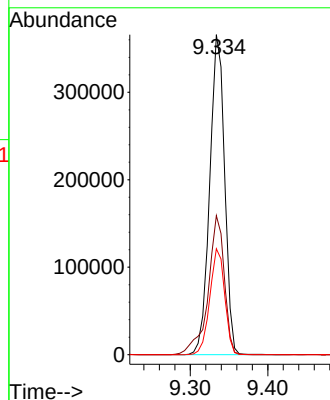
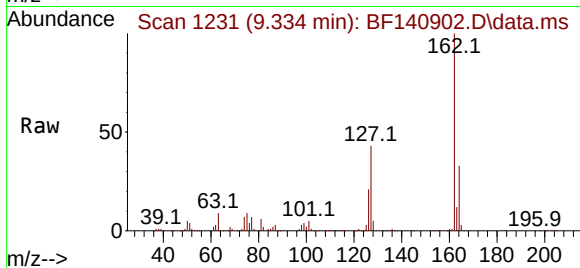
Tgt Ion:162 Resp: 488415

Ion Ratio Lower Upper

162 100

127 43.4 33.5 50.3

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 55.302 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

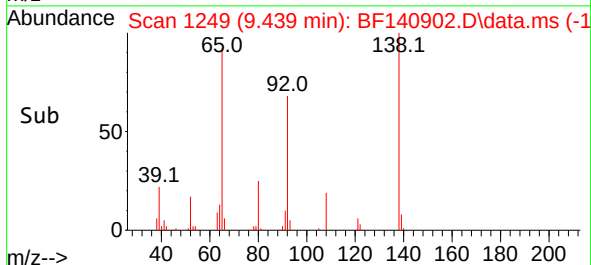
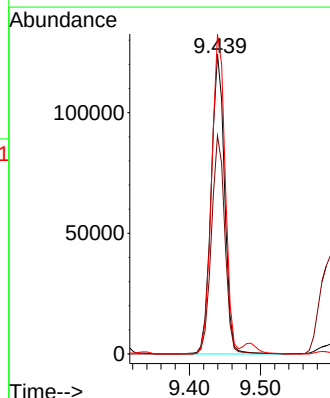
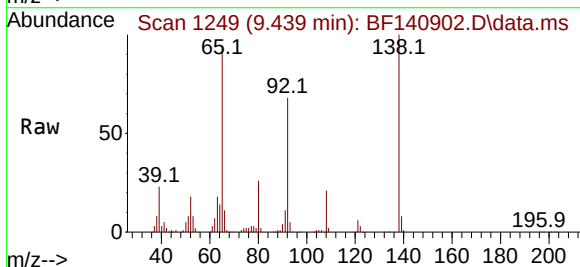
Tgt Ion: 65 Resp: 163899

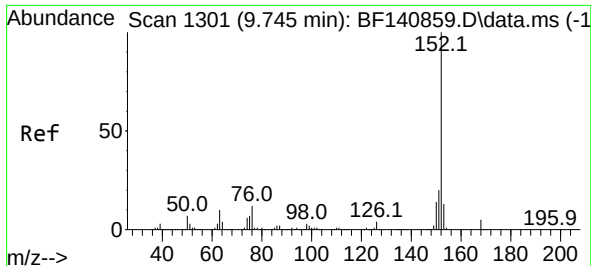
Ion Ratio Lower Upper

65 100

92 72.8 56.3 84.5

138 106.7 83.8 125.6





#49

Acenaphthylene

Concen: 59.172 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

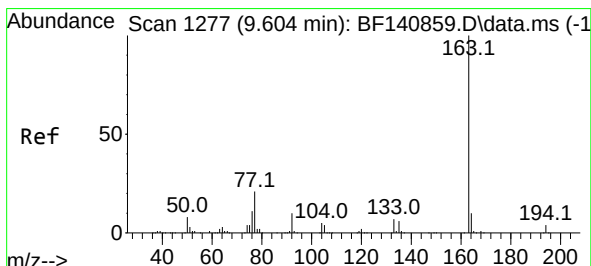
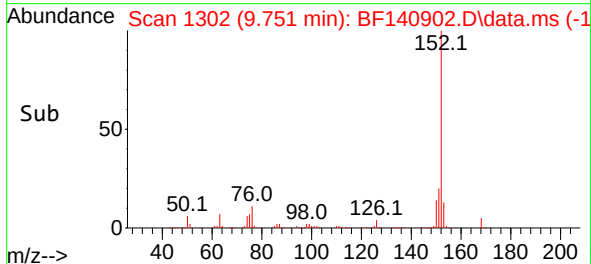
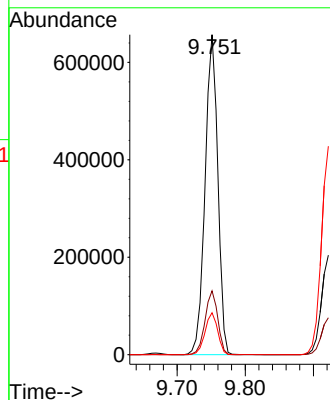
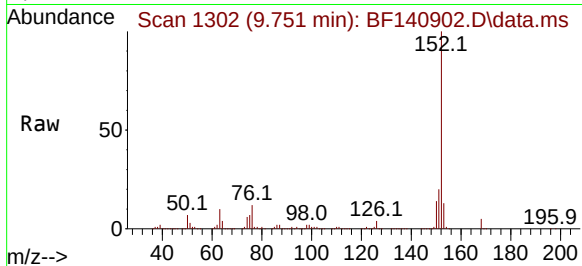
Tgt Ion:152 Resp: 853325

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 57.792 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

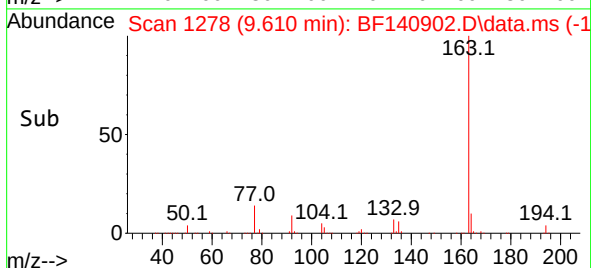
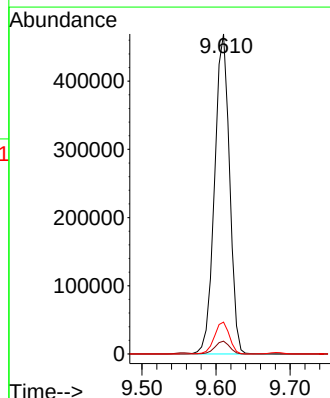
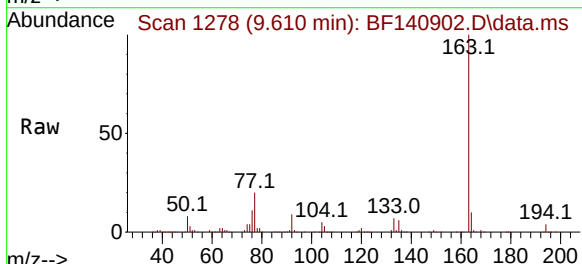
Tgt Ion:163 Resp: 657261

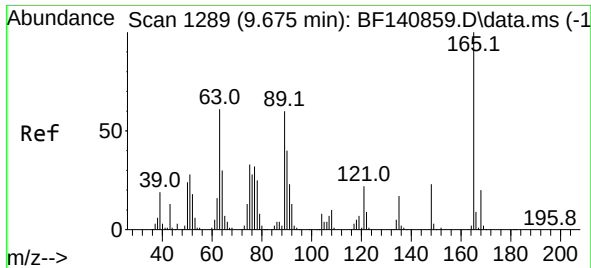
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.1 12.1

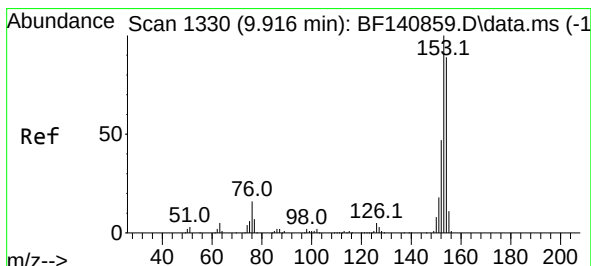
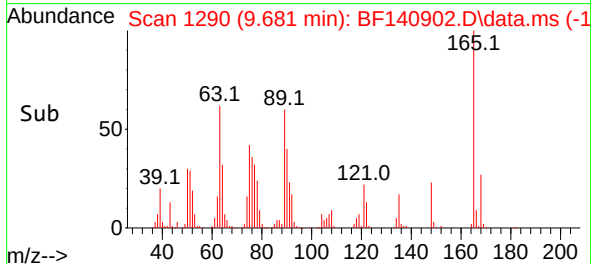
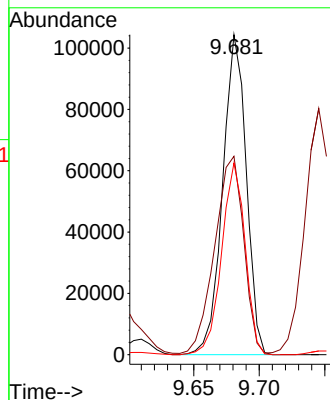
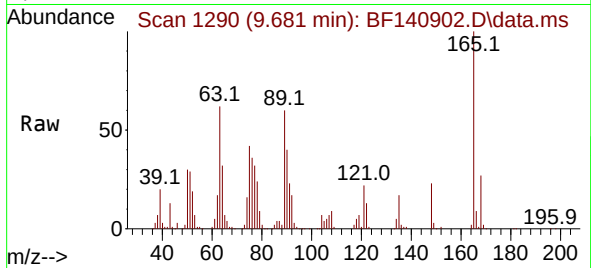




#51
2,6-Dinitrotoluene
Concen: 50.157 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

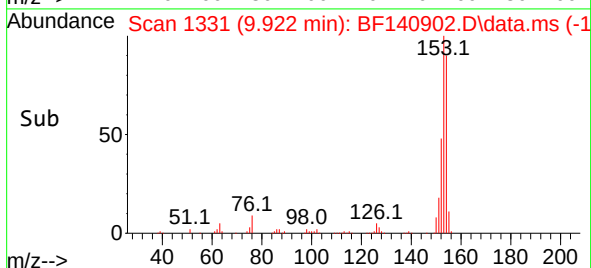
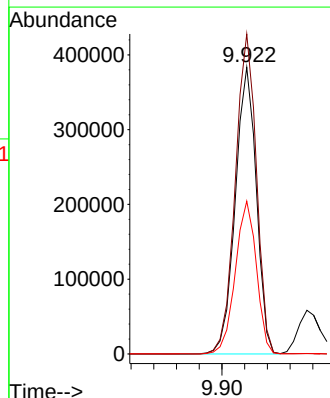
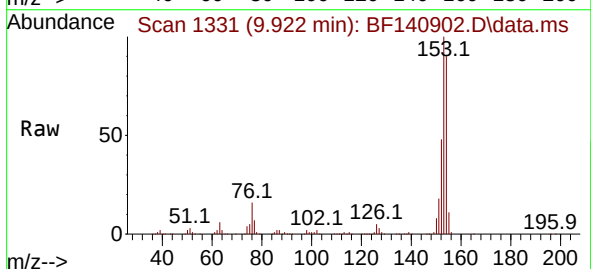
Instrument :
BNA_F
ClientSampleId :
PB165682BS

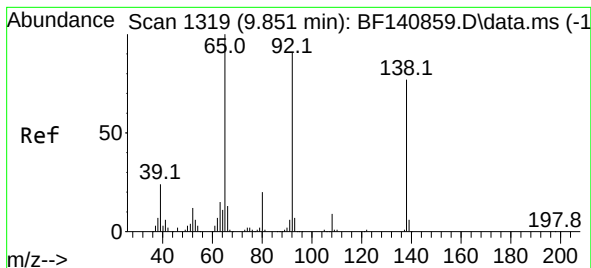
Tgt Ion:165 Resp: 130406
Ion Ratio Lower Upper
165 100
63 62.0 49.7 74.5
89 59.9 48.2 72.4



#52
Acenaphthene
Concen: 53.554 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:154 Resp: 493337
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 53.3 42.6 63.8





#53

3-Nitroaniline

Concen: 32.893 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

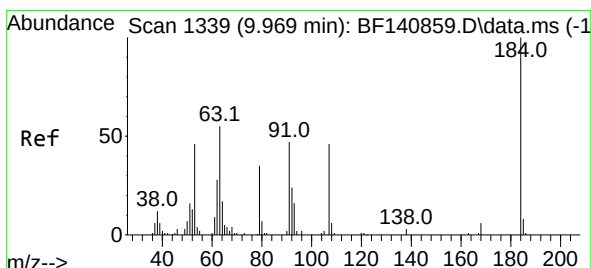
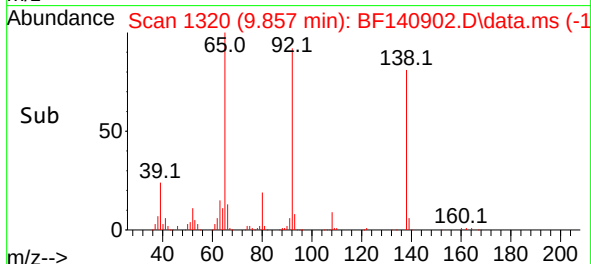
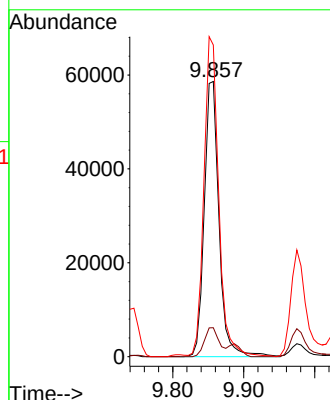
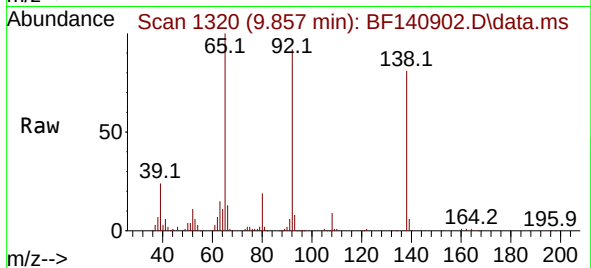
Tgt Ion:138 Resp: 84869

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

92 113.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 106.627 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

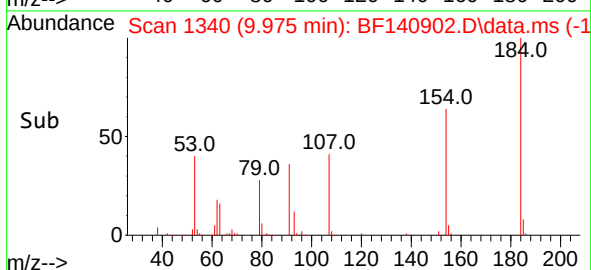
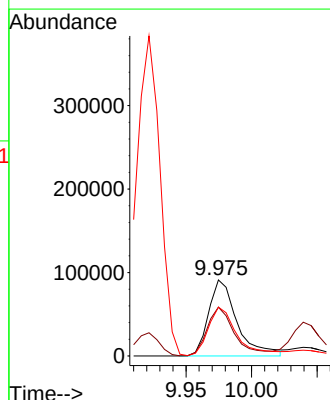
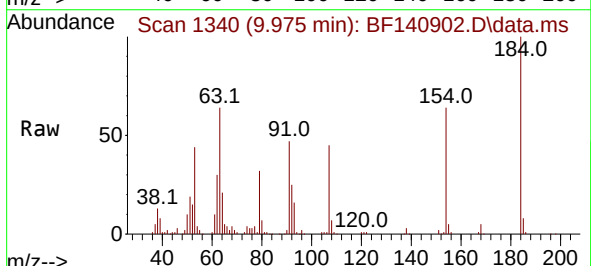
Tgt Ion:184 Resp: 138273

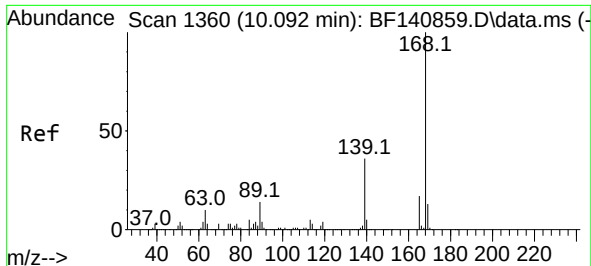
Ion Ratio Lower Upper

184 100

63 64.2 51.6 77.4

154 64.1 56.1 84.1

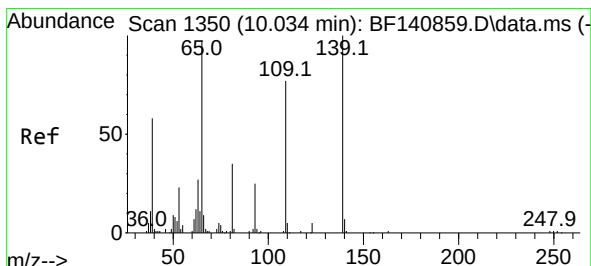
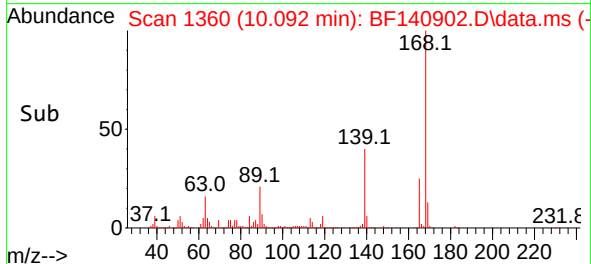
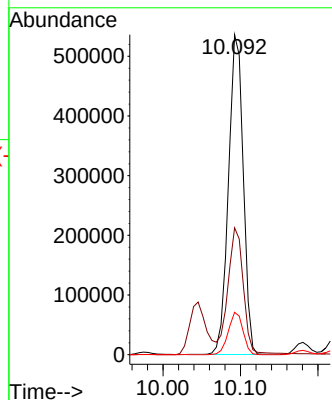
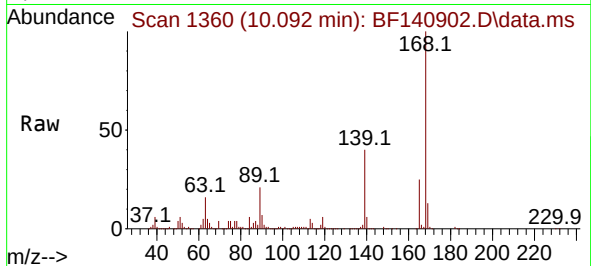




#55
Dibenzenofuran
Concen: 49.825 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

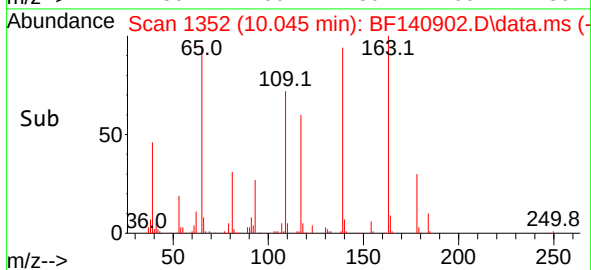
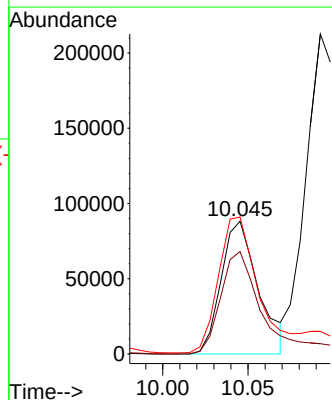
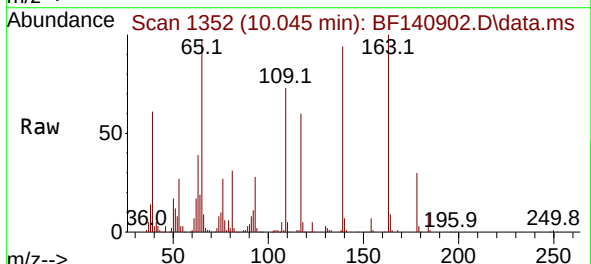
Instrument :
BNA_F
ClientSampleId :
PB165682BS

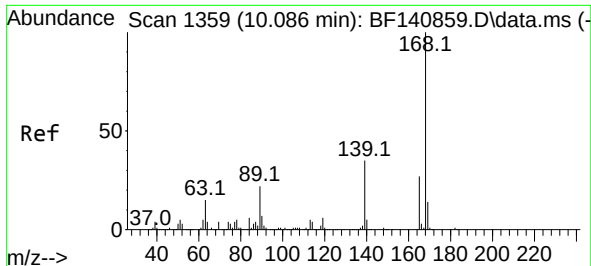
Tgt Ion:168 Resp: 711219
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 95.466 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:139 Resp: 133758
Ion Ratio Lower Upper
139 100
109 77.2 56.7 96.7
65 103.2 78.1 118.1

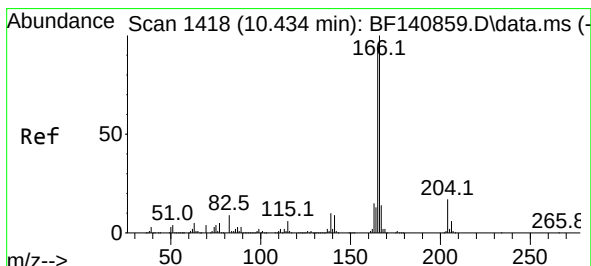
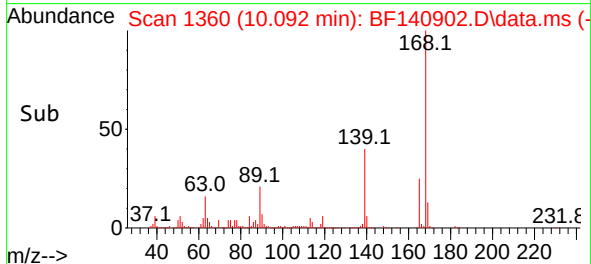
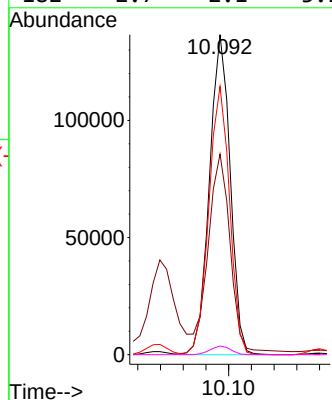
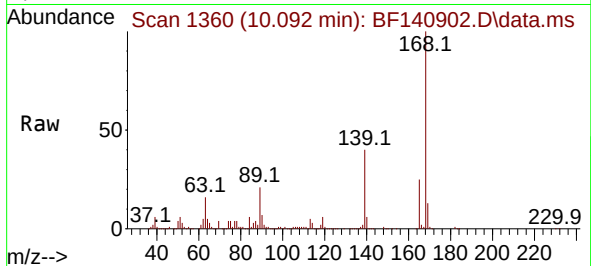




#57
2,4-Dinitrotoluene
Concen: 50.624 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

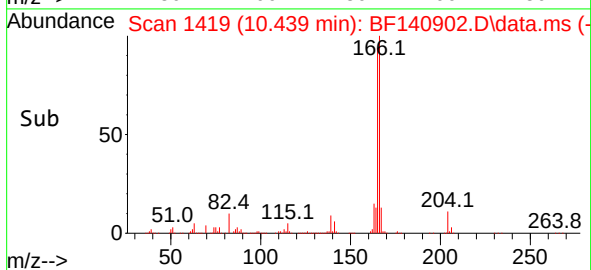
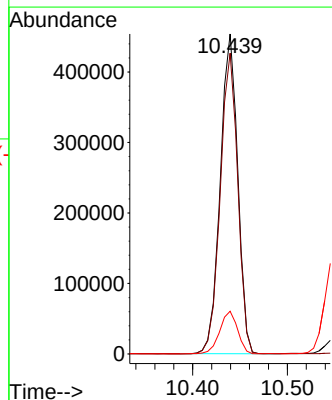
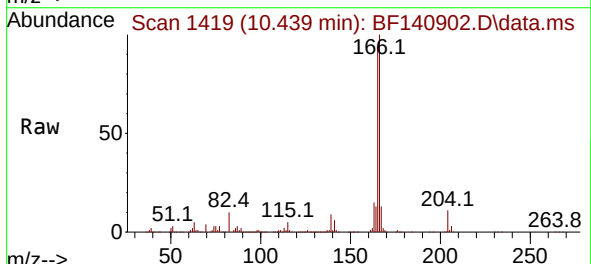
Instrument :
BNA_F
ClientSampleId :
PB165682BS

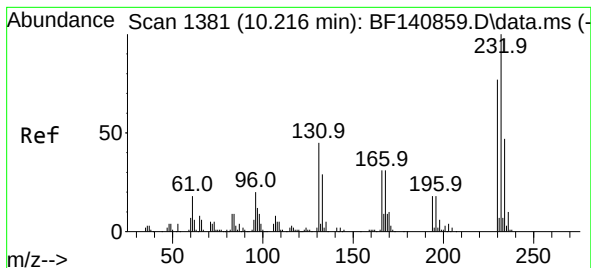
Tgt Ion:165 Resp: 173175
Ion Ratio Lower Upper
165 100
63 62.7 49.3 73.9
89 83.9 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 49.441 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:166 Resp: 582232
Ion Ratio Lower Upper
166 100
165 94.0 75.1 112.7
167 13.4 11.1 16.7

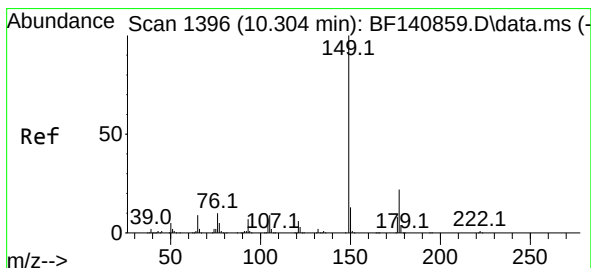
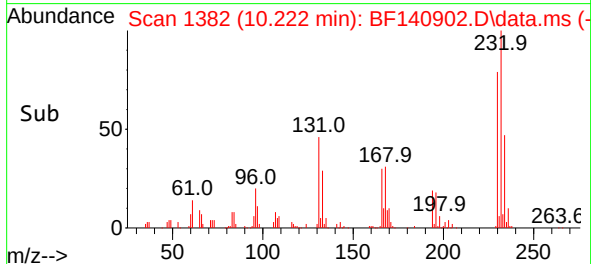
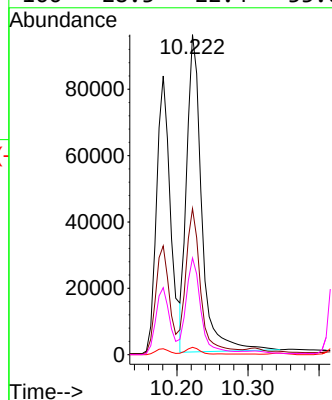
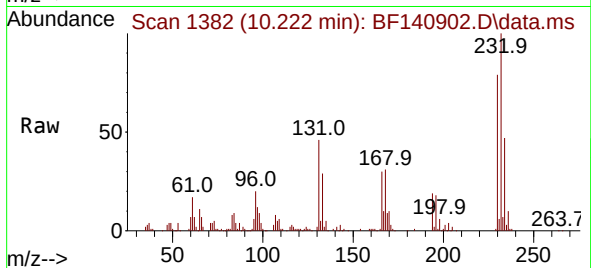




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.506 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

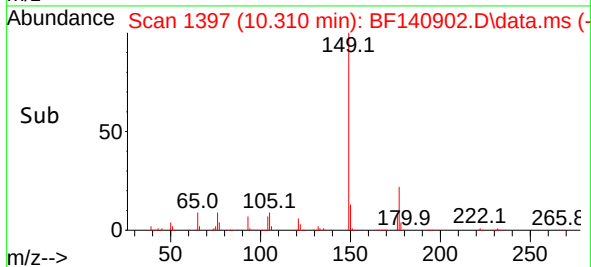
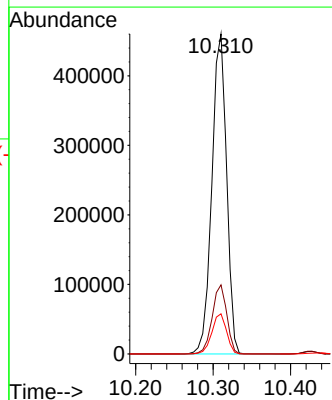
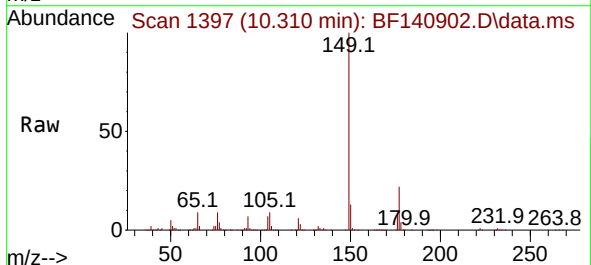
Instrument :
BNA_F
ClientSampleId :
PB165682BS

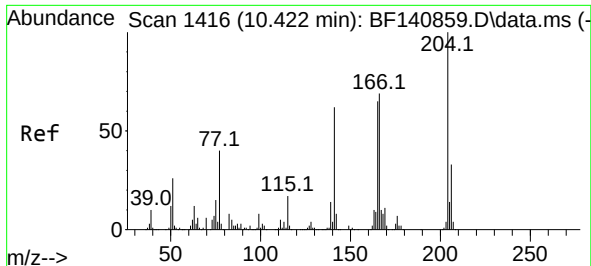
Tgt Ion:232 Resp: 140053
Ion Ratio Lower Upper
232 100
131 46.3 35.1 52.7
130 2.1 1.8 2.8
166 28.3 22.4 33.6



#60
Diethylphthalate
Concen: 51.506 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:149 Resp: 607431
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.6 10.1 15.1

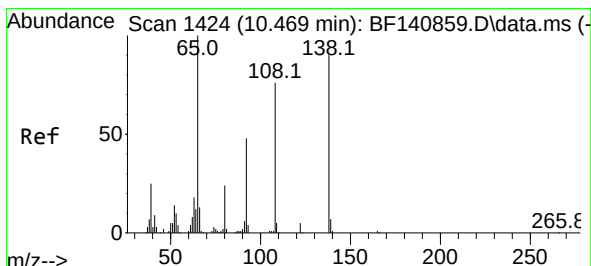
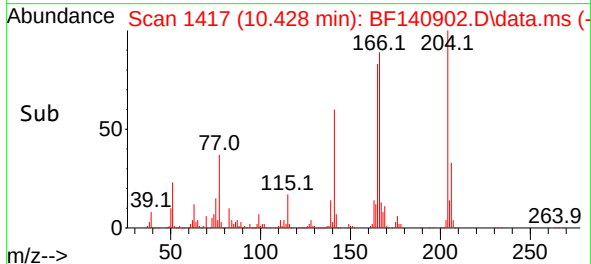
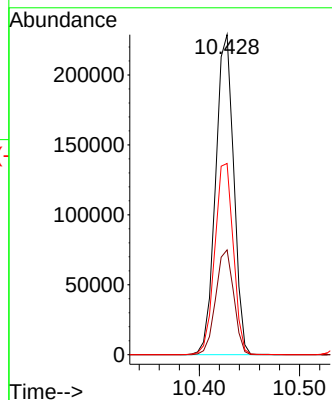
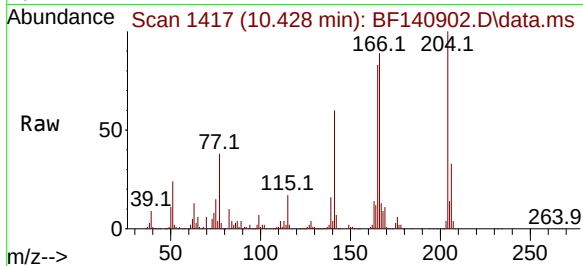




#61
4-Chlorophenyl-phenylether
Concen: 48.573 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

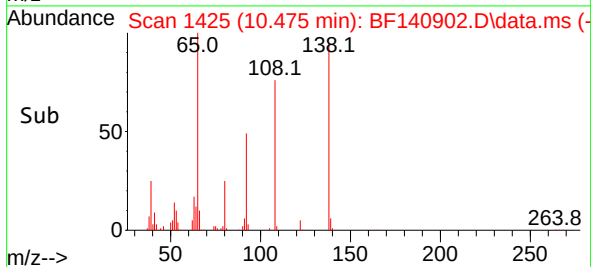
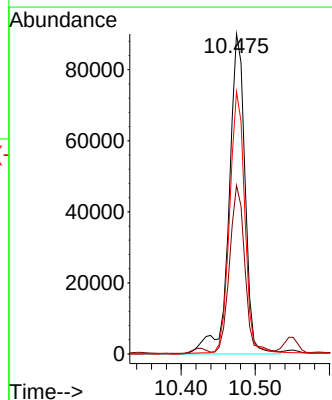
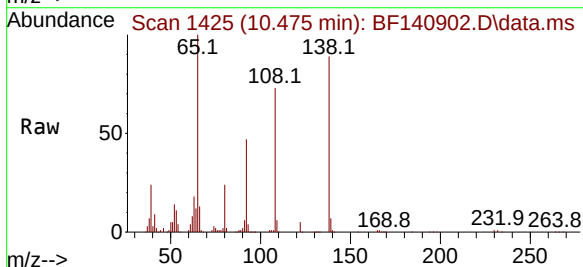
Instrument :
BNA_F
ClientSampleId :
PB165682BS

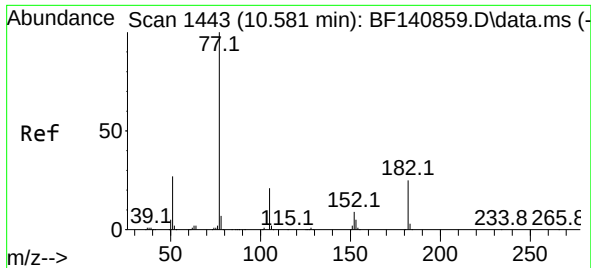
Tgt Ion:204 Resp: 287329
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 59.7 50.0 75.0



#62
4-Nitroaniline
Concen: 50.059 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:138 Resp: 134973
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 81.9 64.1 104.1

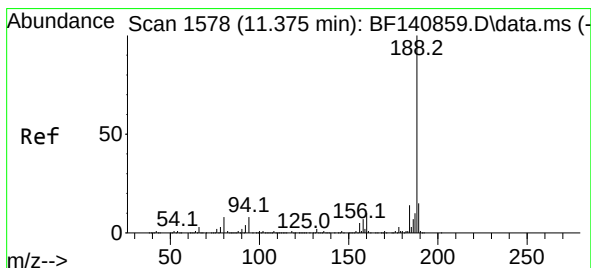
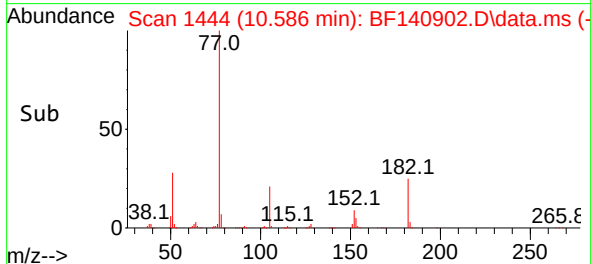
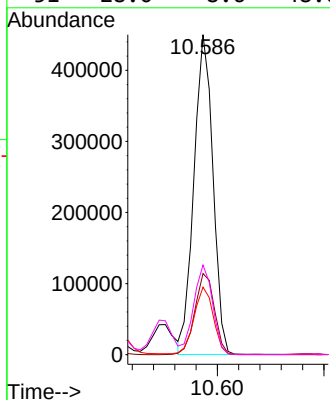
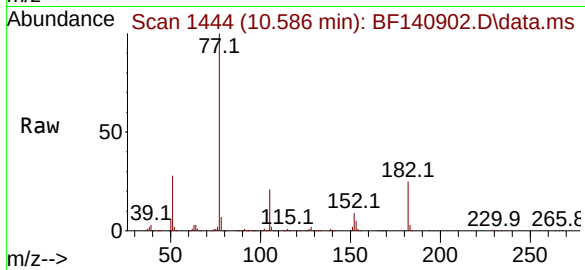




#63
Azobenzene
Concen: 50.334 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

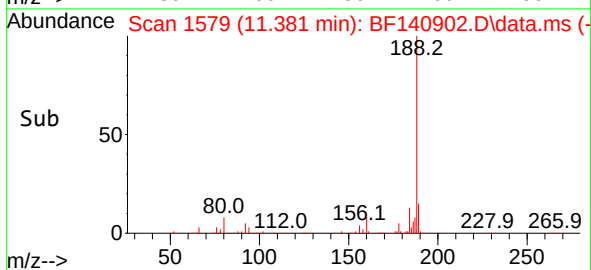
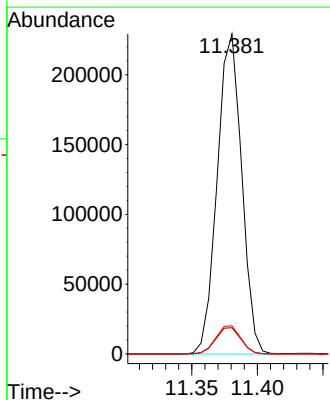
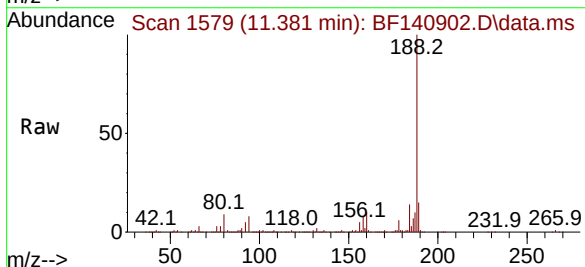
Instrument :
BNA_F
ClientSampleId :
PB165682BS

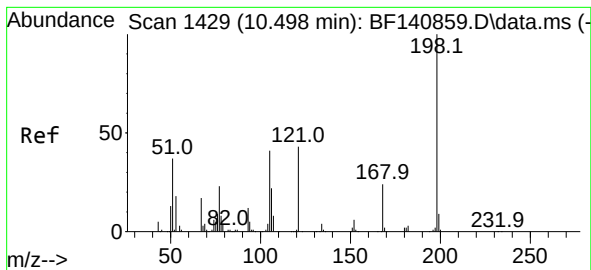
Tgt Ion: 77	Resp: 558056
Ion Ratio	Lower Upper
77 100	
182 25.3	4.5 44.5
105 21.1	0.9 40.9
51 28.0	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion: 188	Resp: 297522
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.8	6.8 10.2

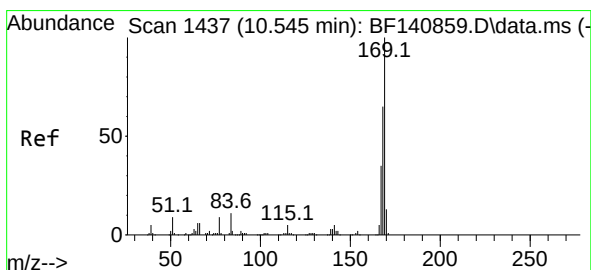
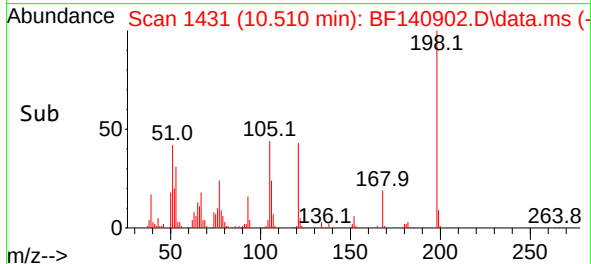
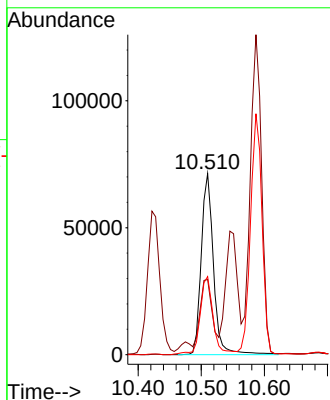
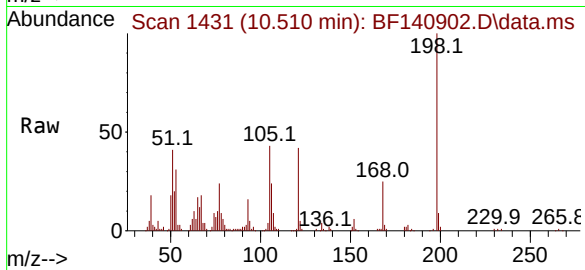




#65
4,6-Dinitro-2-methylphenol
Concen: 57.226 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

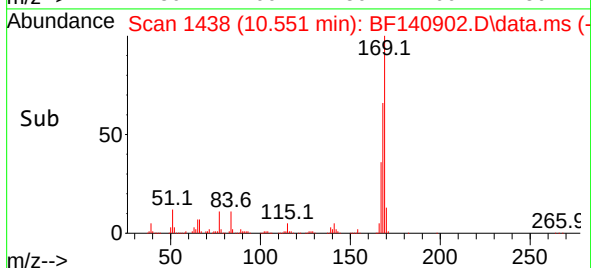
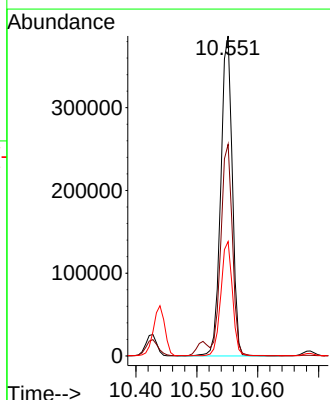
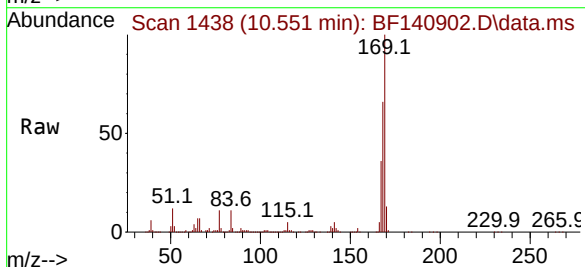
Instrument :
BNA_F
ClientSampleId :
PB165682BS

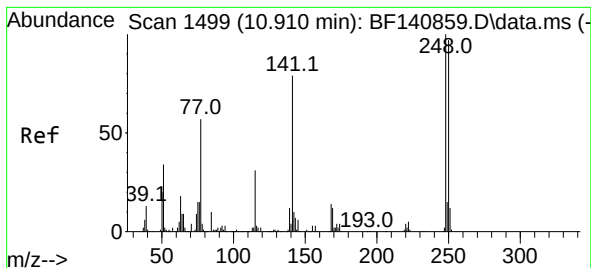
Tgt Ion:198 Resp: 96479
Ion Ratio Lower Upper
198 100
51 41.5 24.4 64.4
105 43.1 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 55.500 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:169 Resp: 507683
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 35.8 28.3 42.5

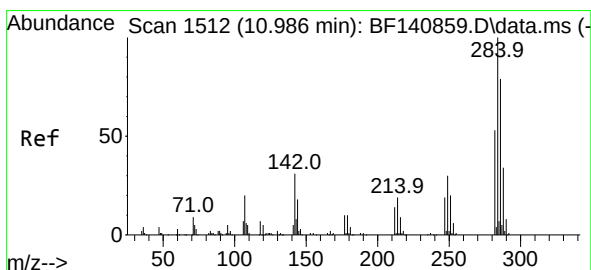
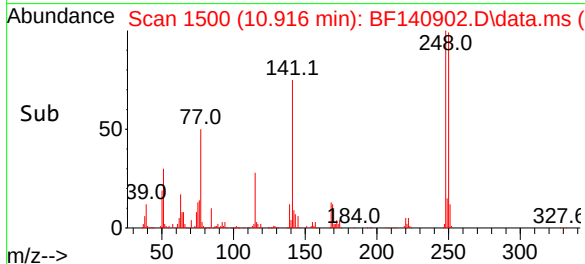
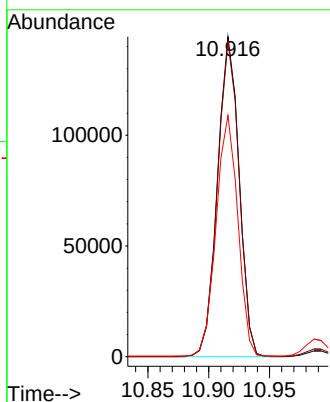
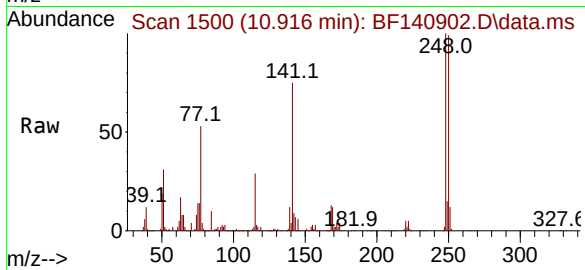




#67
4-Bromophenyl-phenylether
Concen: 53.830 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

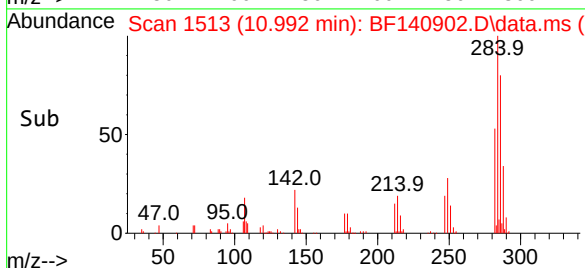
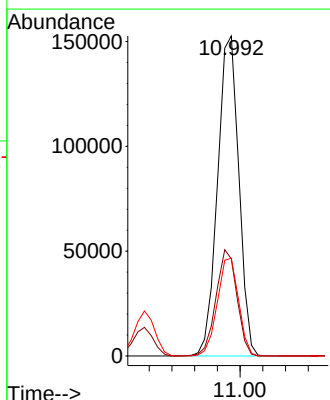
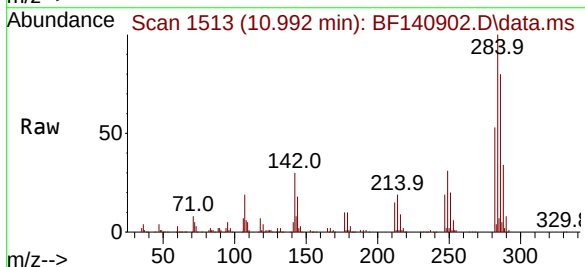
Instrument :
BNA_F
ClientSampleId :
PB165682BS

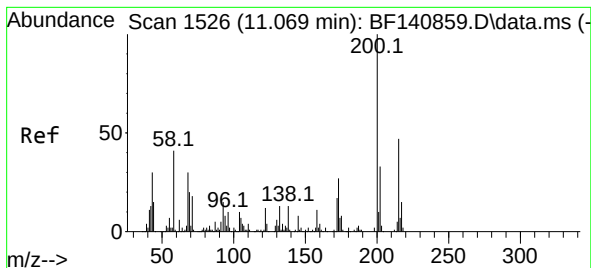
Tgt Ion:248 Resp: 179170
Ion Ratio Lower Upper
248 100
250 98.5 77.4 116.2
141 75.4 62.9 94.3



#68
Hexachlorobenzene
Concen: 52.657 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:284 Resp: 198716
Ion Ratio Lower Upper
284 100
142 30.4 24.6 36.8
249 30.5 24.3 36.5





#69

Atrazine

Concen: 66.882 ng

RT: 11.081 min Scan# 1528

Delta R.T. 0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

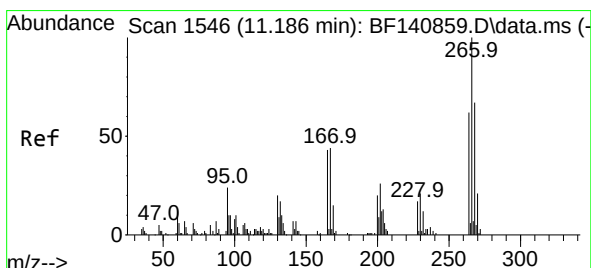
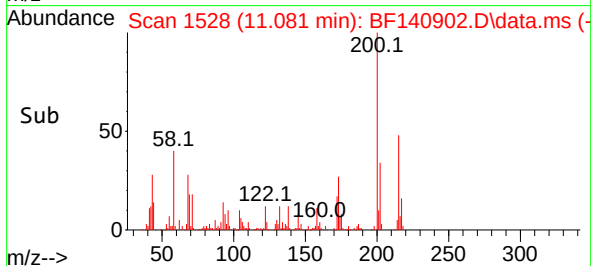
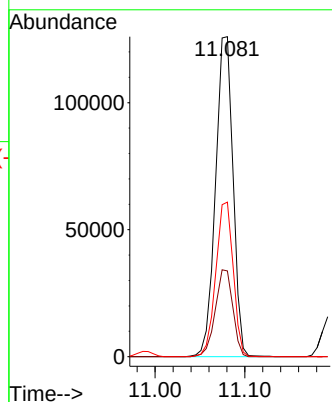
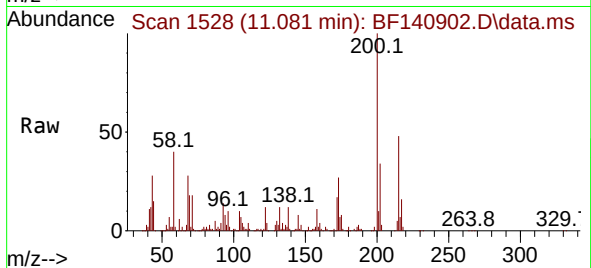
Tgt Ion:200 Resp: 170868

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 48.3 26.7 66.7



#70

Pentachlorophenol

Concen: 103.418 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

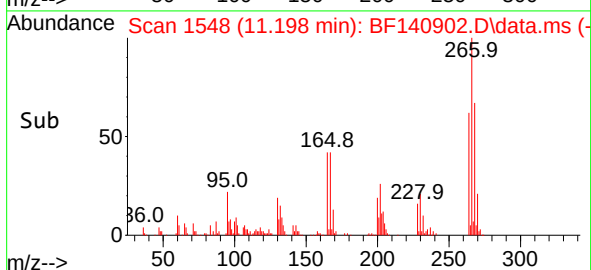
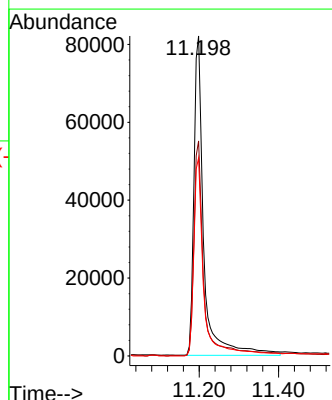
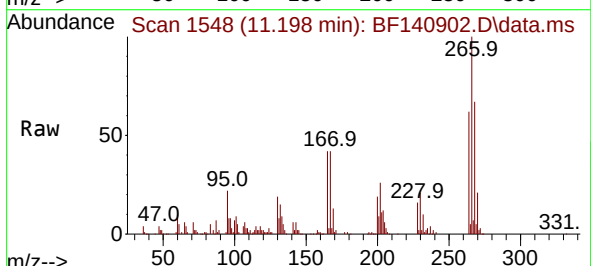
Tgt Ion:266 Resp: 142688

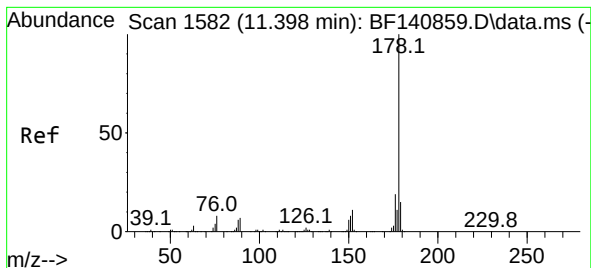
Ion Ratio Lower Upper

266 100

268 67.2 54.0 81.0

264 61.9 49.4 74.2





#71

Phenanthrene

Concen: 53.513 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

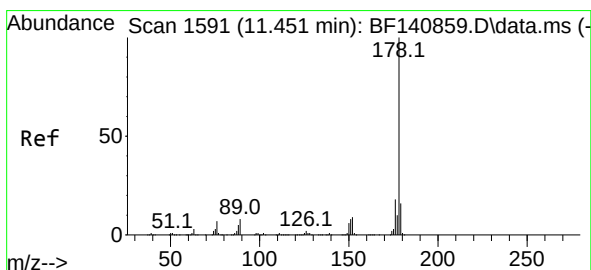
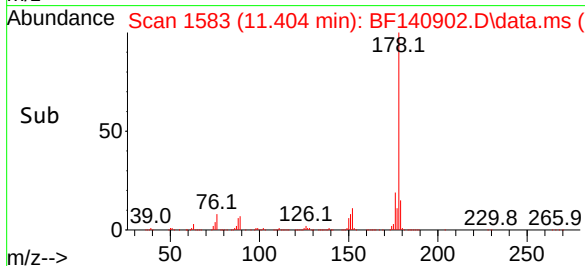
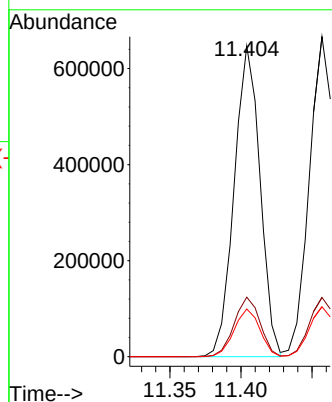
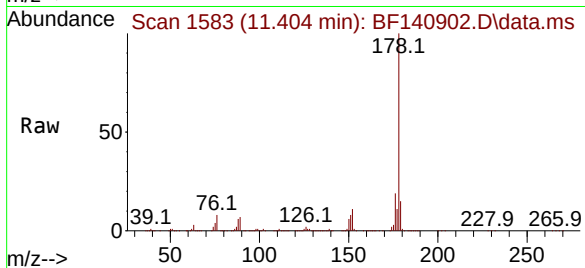
Tgt Ion:178 Resp: 818742

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.4 12.1 18.1



#72

Anthracene

Concen: 55.466 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

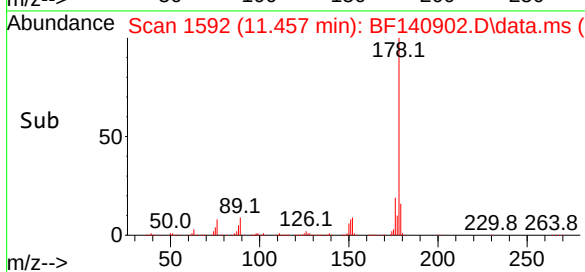
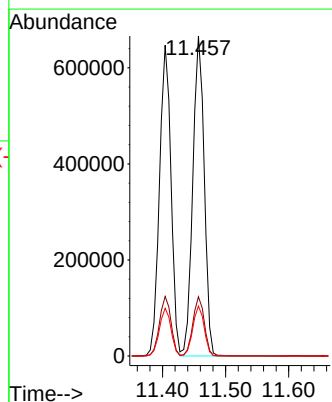
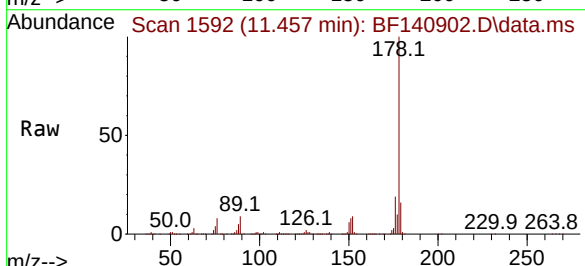
Tgt Ion:178 Resp: 835718

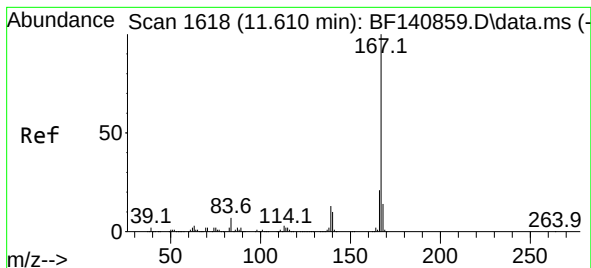
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 52.701 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

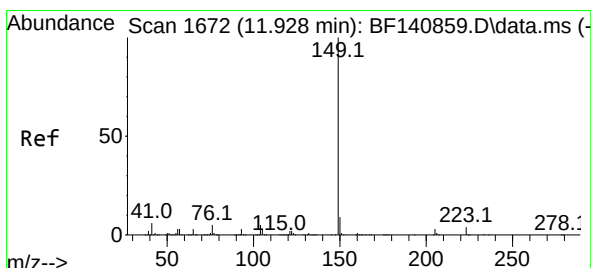
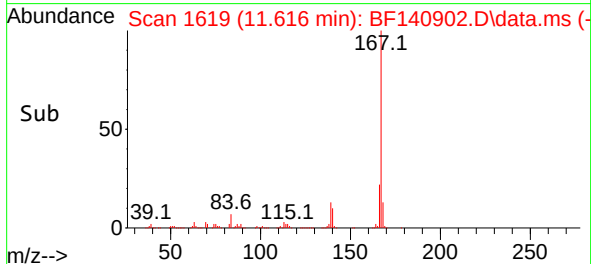
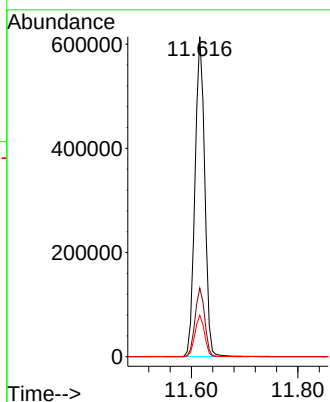
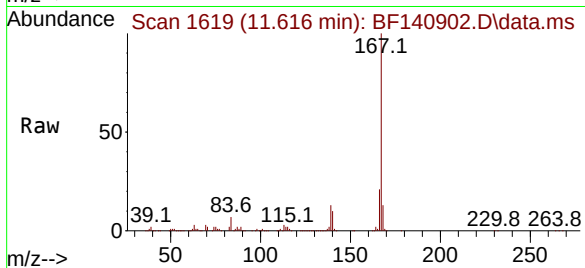
Tgt Ion:167 Resp: 777765

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.537 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

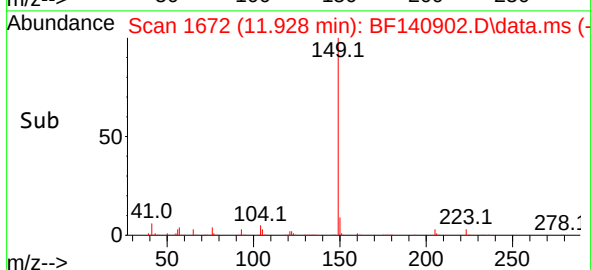
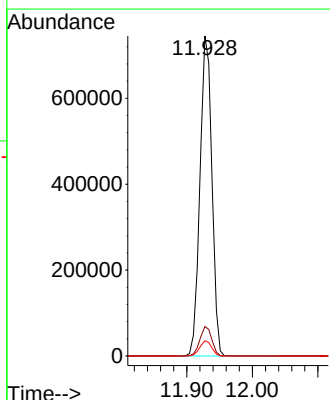
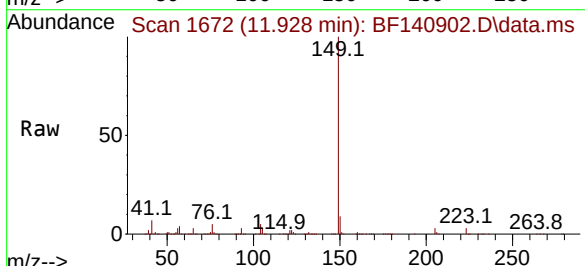
Tgt Ion:149 Resp: 944599

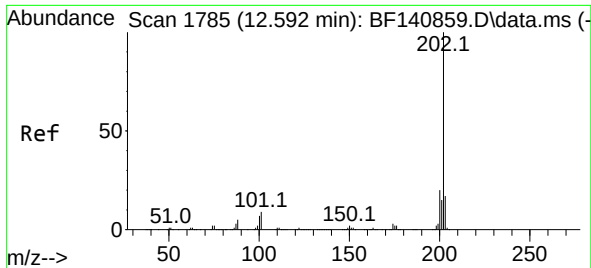
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 3.8 5.8

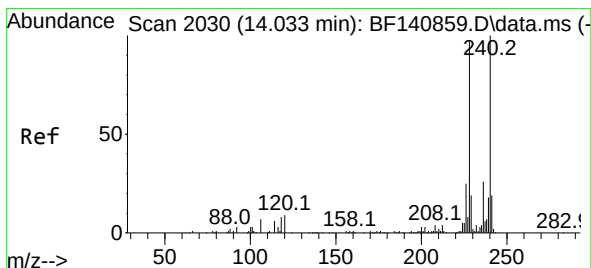
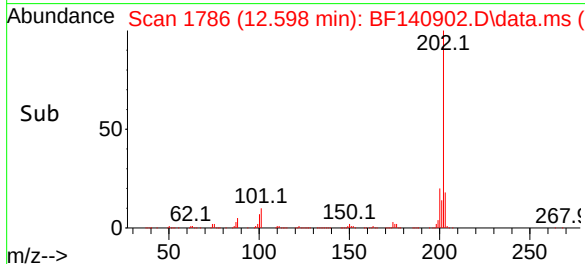
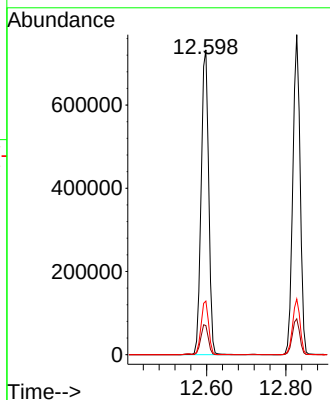
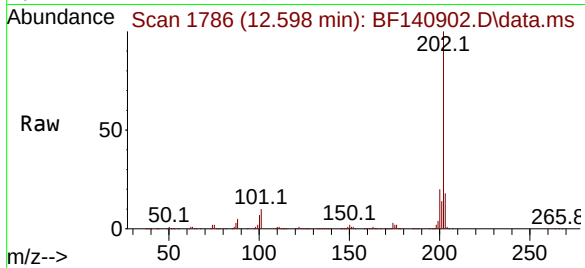




#75
Fluoranthene
Concen: 54.739 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

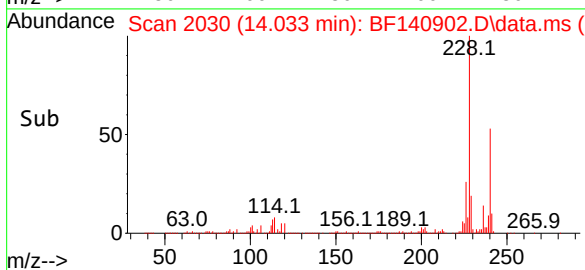
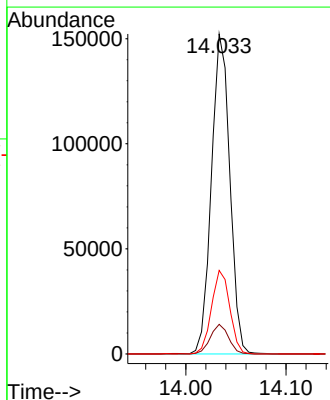
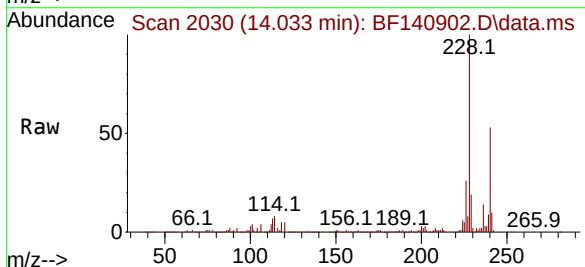
Instrument :
BNA_F
ClientSampleId :
PB165682BS

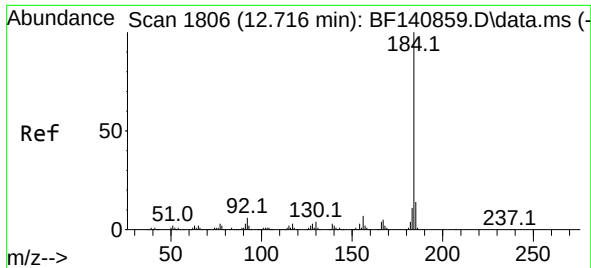
Tgt Ion:202 Resp: 964511
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:240 Resp: 194019
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 26.1 20.5 30.7

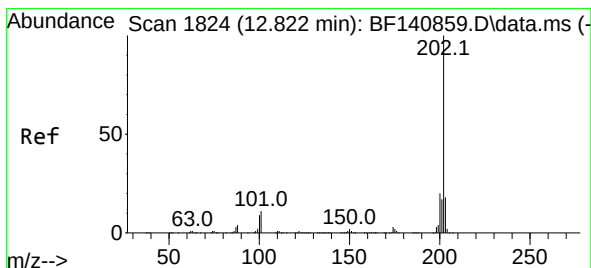
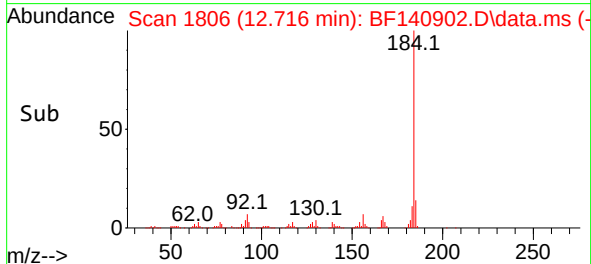
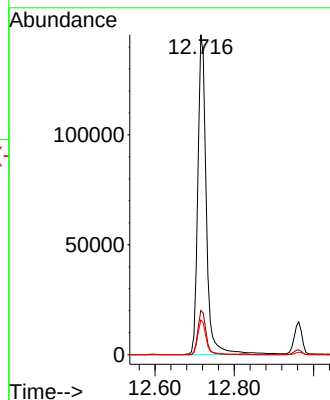
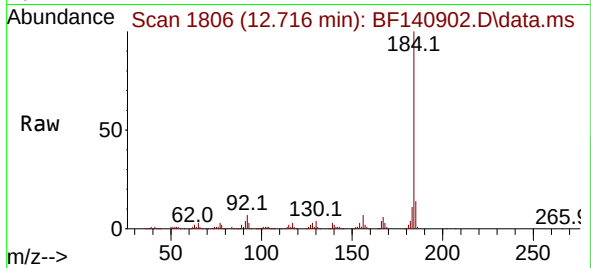




#77
Benzidine
Concen: 54.802 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

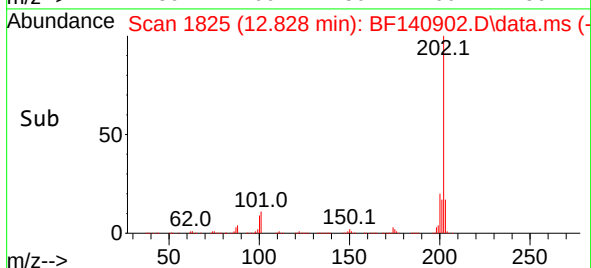
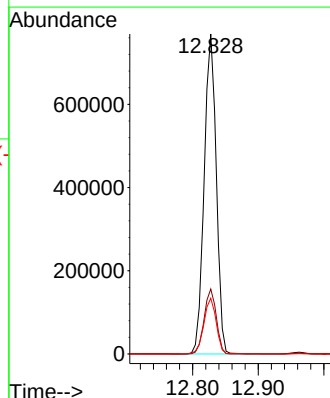
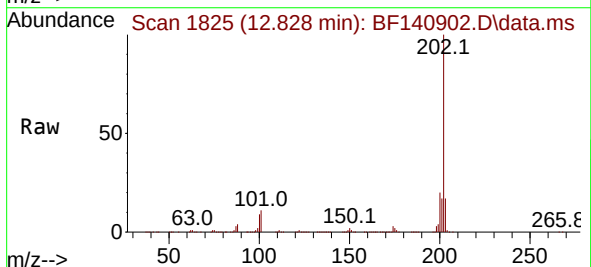
Instrument :
BNA_F
ClientSampleId :
PB165682BS

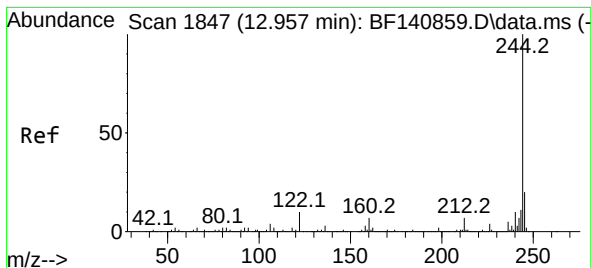
Tgt Ion:184 Resp: 217008
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 57.287 ng
RT: 12.828 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:202 Resp: 988388
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 118.978 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

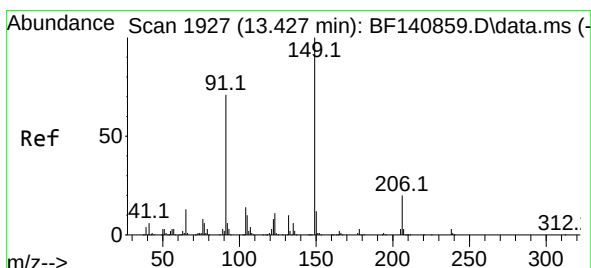
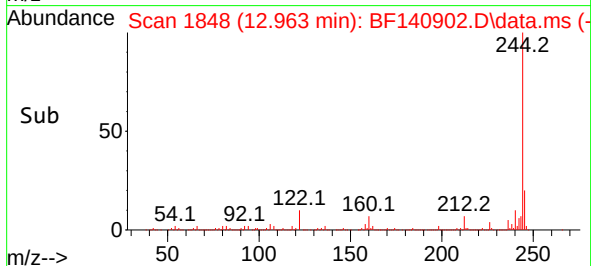
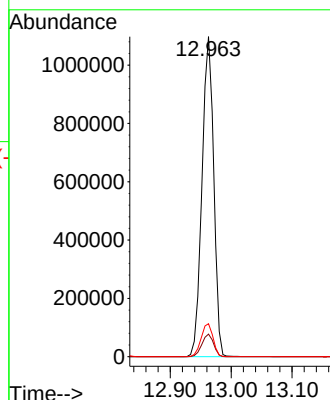
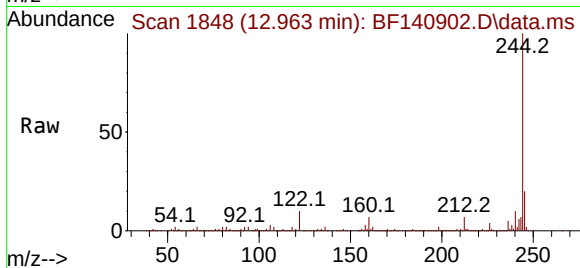
Tgt Ion:244 Resp: 1463916

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 61.256 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

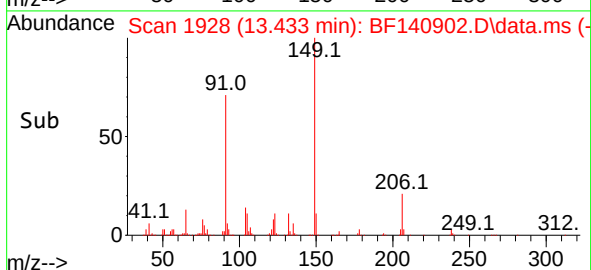
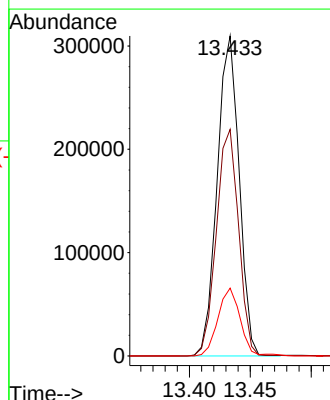
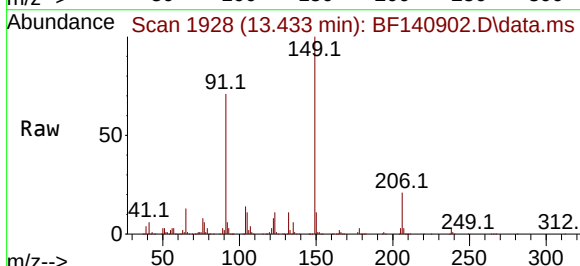
Tgt Ion:149 Resp: 388879

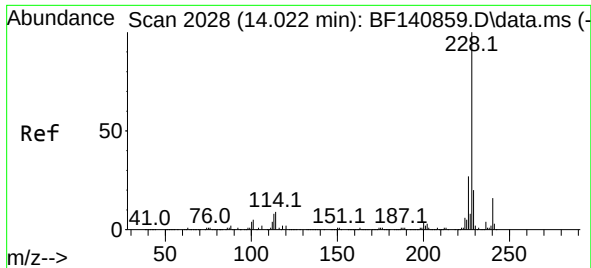
Ion Ratio Lower Upper

149 100

91 70.8 56.7 85.1

206 21.2 16.4 24.6

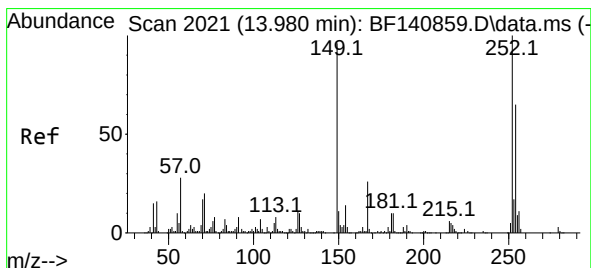
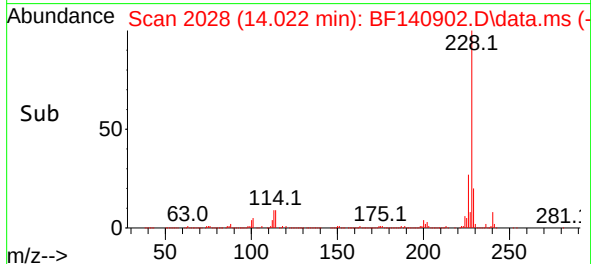
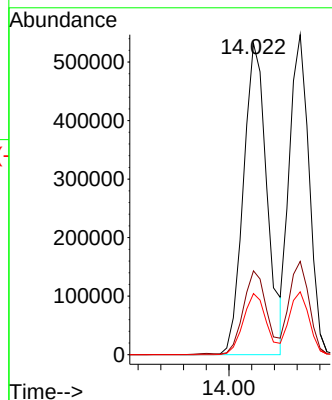
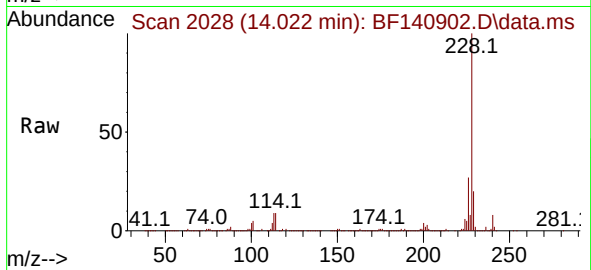




#81
Benzo(a)anthracene
Concen: 55.918 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

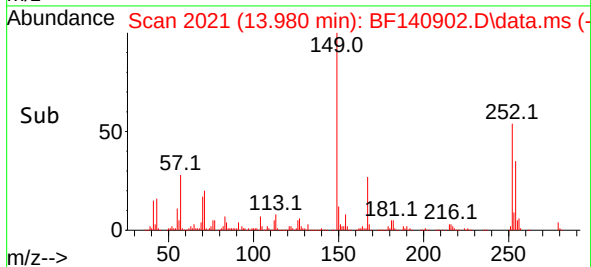
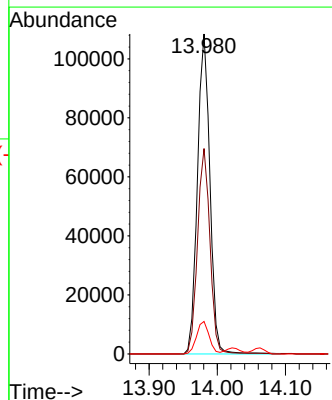
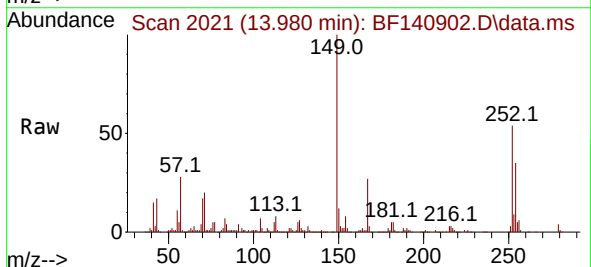
Instrument :
BNA_F
ClientSampleId :
PB165682BS

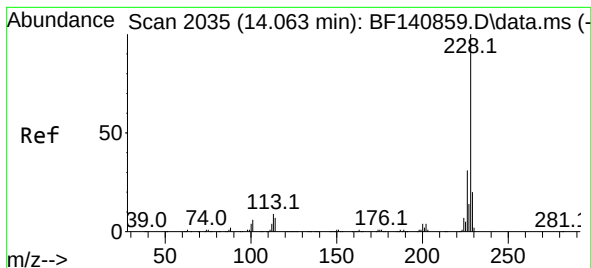
Tgt Ion:228 Resp: 768912
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.179 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF140902.D
Acq: 18 Dec 2024 13:37

Tgt Ion:252 Resp: 137648
Ion Ratio Lower Upper
252 100
254 64.2 52.3 78.5
126 10.1 8.4 12.6





#83

Chrysene

Concen: 52.753 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

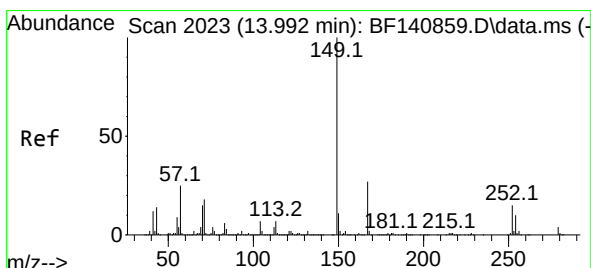
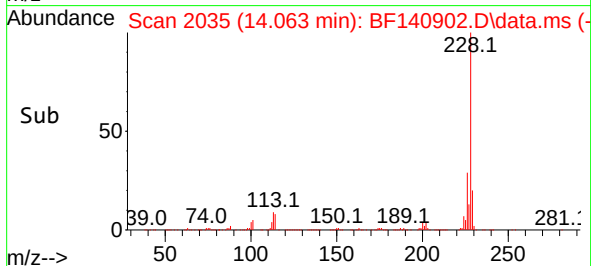
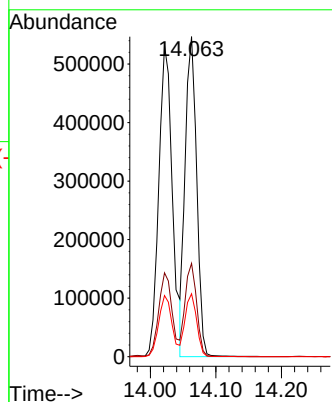
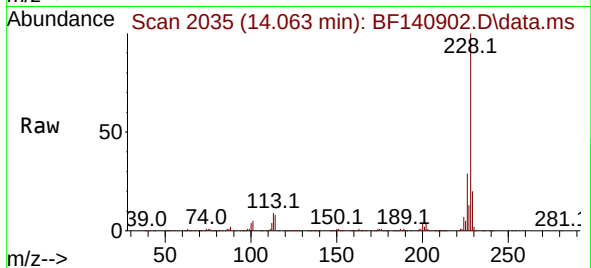
Tgt Ion:228 Resp: 659625

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.802 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

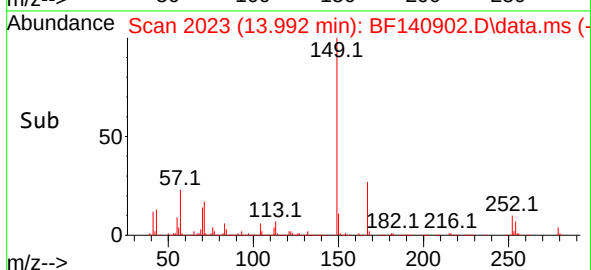
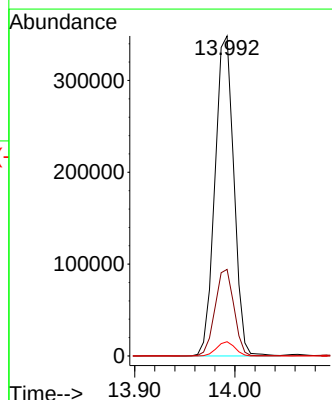
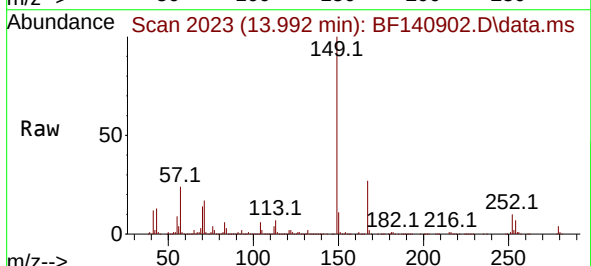
Tgt Ion:149 Resp: 456781

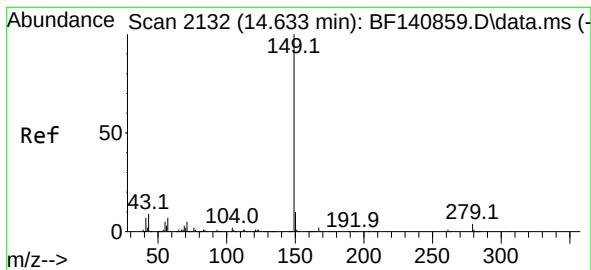
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 55.052 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

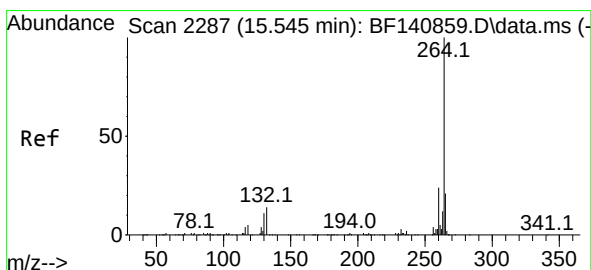
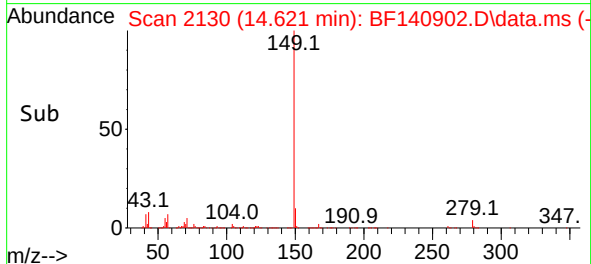
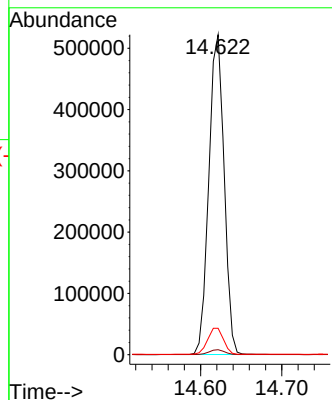
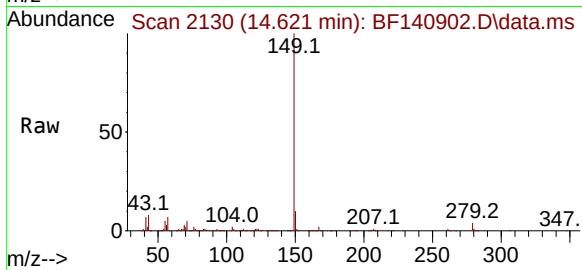
Tgt Ion:149 Resp: 681776

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

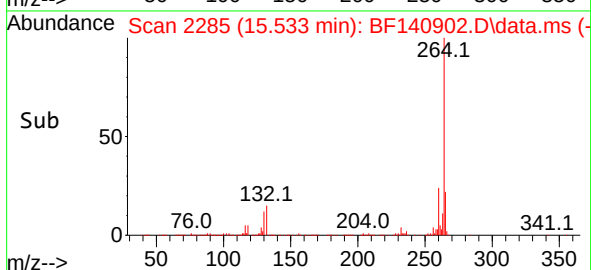
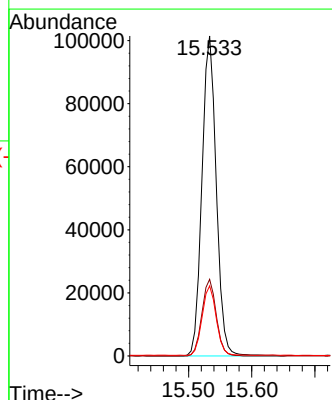
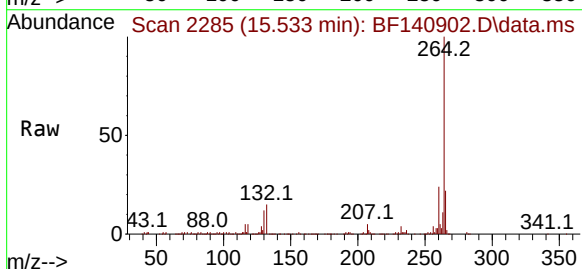
Tgt Ion:264 Resp: 159882

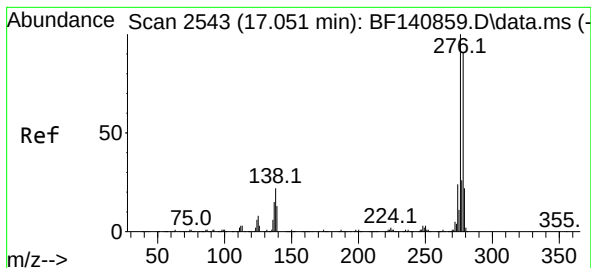
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.262 ng

RT: 17.051 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

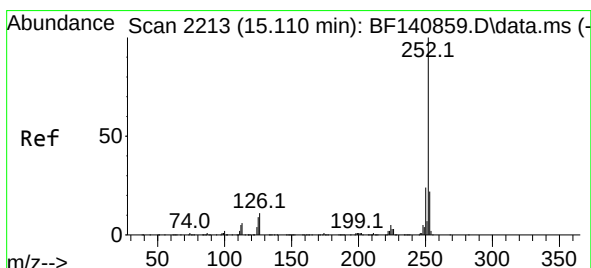
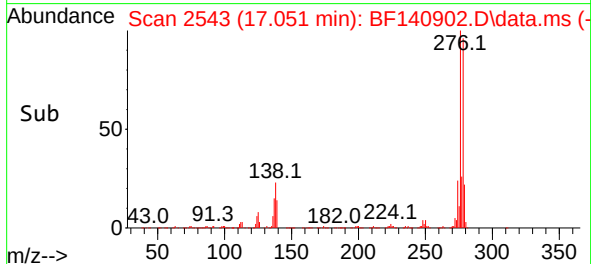
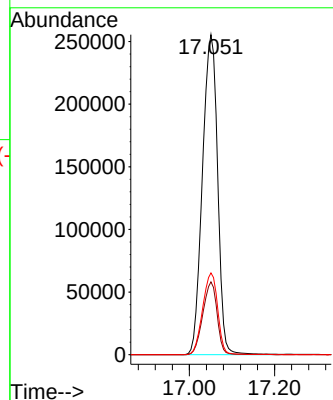
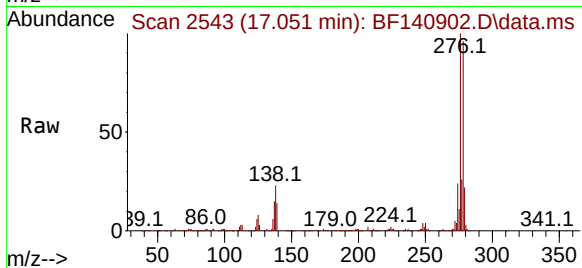
Tgt Ion:276 Resp: 631185

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.339 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

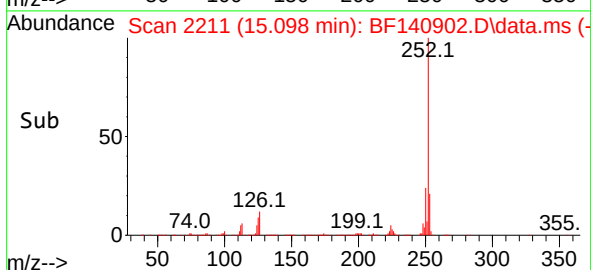
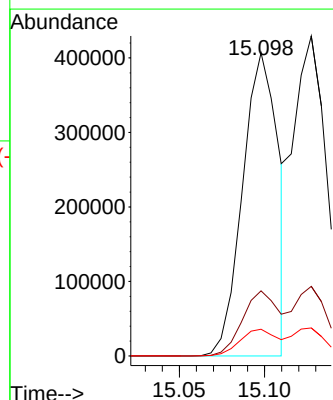
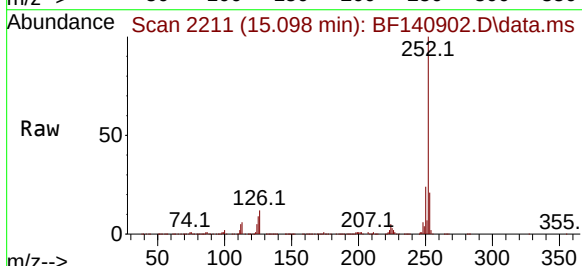
Tgt Ion:252 Resp: 591963

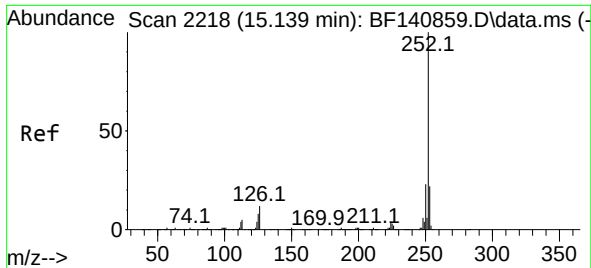
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 61.788 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

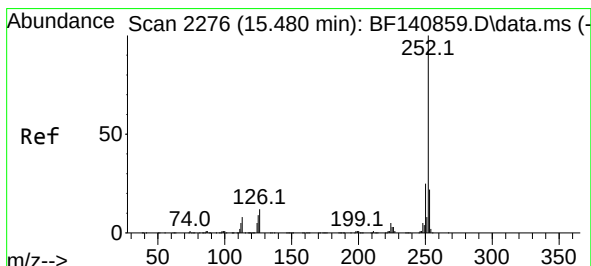
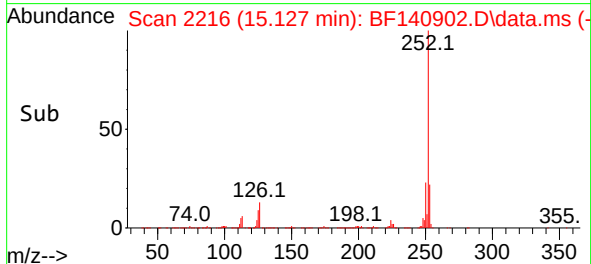
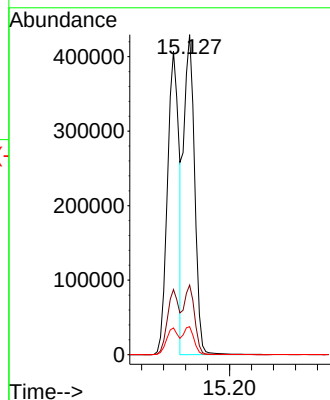
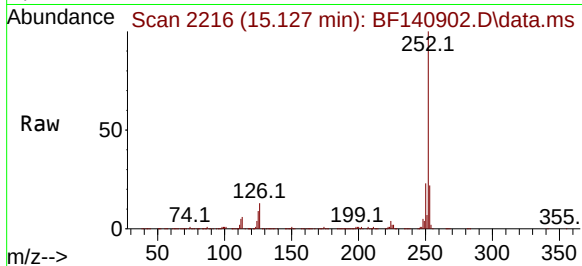
Tgt Ion:252 Resp: 588225

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 58.769 ng

RT: 15.469 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

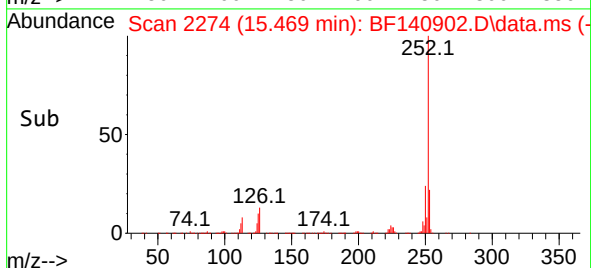
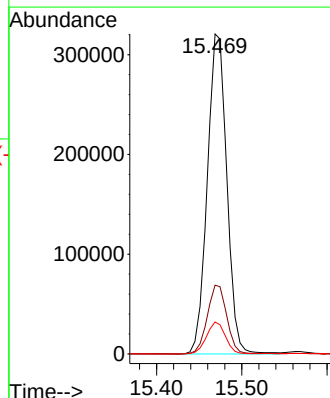
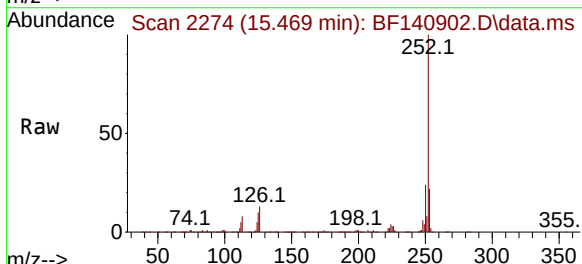
Tgt Ion:252 Resp: 510713

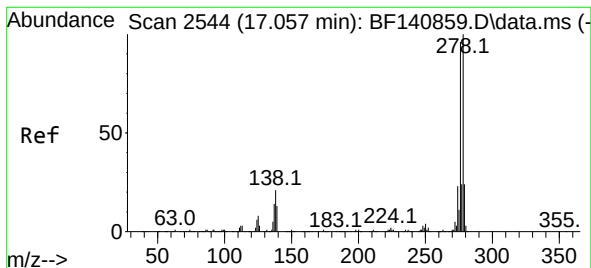
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.0 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 62.200 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Instrument :

BNA_F

ClientSampleId :

PB165682BS

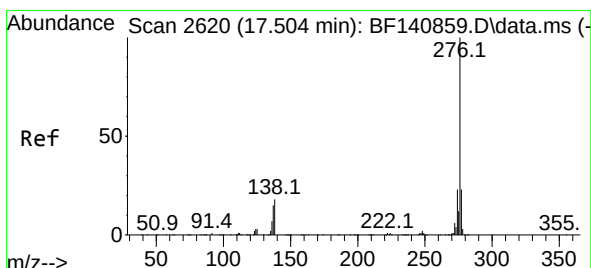
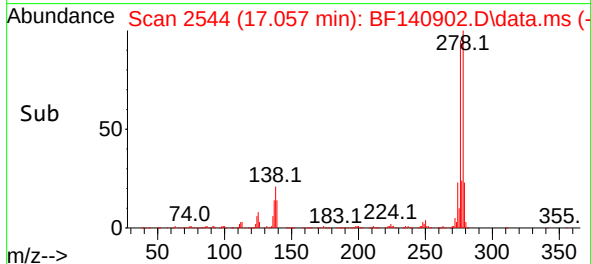
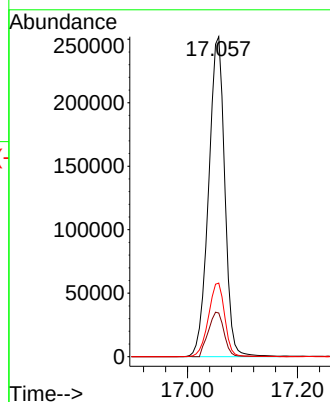
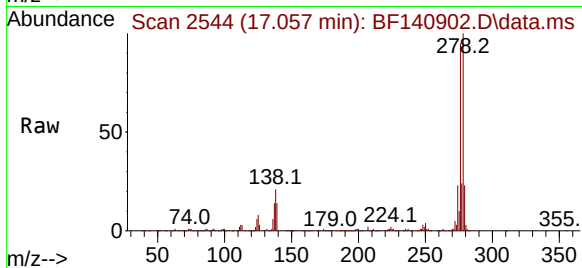
Tgt Ion:278 Resp: 514125

Ion Ratio Lower Upper

278 100

139 13.7 10.6 16.0

279 23.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.849 ng

RT: 17.504 min Scan# 2620

Delta R.T. 0.000 min

Lab File: BF140902.D

Acq: 18 Dec 2024 13:37

Tgt Ion:276 Resp: 453005

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.7 14.2 21.2

