

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140898.D
 Acq On : 18 Dec 2024 11:53
 Operator : RC/JU
 Sample : PB165648BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165648BS

Quant Time: Dec 18 12:13:30 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	6.851	152	81466	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	321545	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194109	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	376011	20.000	ng	0.00
76) Chrysene-d12	14.033	240	249574	20.000	ng	0.00
86) Perylene-d12	15.521	264	160098	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	583314	117.870	ng	0.01
7) Phenol-d6	6.504	99	831170	126.805	ng	0.00
23) Nitrobenzene-d5	7.416	82	575920	89.611	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	280200	122.051	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1169978	82.868	ng	0.00
79) Terphenyl-d14	12.963	244	1403097	88.651	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.710	88	65714	30.828	ng	98
3) Pyridine	3.493	79	173659	35.178	ng	99
4) n-Nitrosodimethylamine	3.434	42	96173	38.645	ng	99
6) Aniline	6.516	93	229679	40.982	ng	# 83
8) 2-Chlorophenol	6.645	128	257377	47.692	ng	99
9) Benzaldehyde	6.404	77	58402	16.080	ng	98
10) Phenol	6.516	94	309555	45.567	ng	95
11) bis(2-Chloroethyl)ether	6.587	93	235747	46.532	ng	99
12) 1,3-Dichlorobenzene	6.793	146	268095	43.597	ng	98
13) 1,4-Dichlorobenzene	6.869	146	277700	44.489	ng	99
14) 1,2-Dichlorobenzene	7.016	146	264464	44.905	ng	99
15) Benzyl Alcohol	6.998	79	230253	49.130	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	298893	50.081	ng	91
17) 2-Methylphenol	7.122	107	208414	48.372	ng	99
18) Hexachloroethane	7.357	117	107362	46.202	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	190226	48.381	ng	99
20) 3+4-Methylphenols	7.275	107	281325	49.240	ng	# 79
22) Acetophenone	7.263	105	369385	45.923	ng	97
24) Nitrobenzene	7.434	77	290004	44.046	ng	98
25) Isophorone	7.675	82	492616	45.746	ng	99
26) 2-Nitrophenol	7.751	139	138796	45.770	ng	98
27) 2,4-Dimethylphenol	7.792	122	200742	56.684	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	311836	46.364	ng	99
29) 2,4-Dichlorophenol	8.004	162	230011	47.044	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	237704	42.410	ng	99
31) Naphthalene	8.151	128	784437	44.412	ng	100
32) Benzoic acid	7.945	122	134951	40.180	ng	98
33) 4-Chloroaniline	8.210	127	211125	35.989	ng	98
34) Hexachlorobutadiene	8.263	225	157905	41.874	ng	99
35) Caprolactam	8.592	113	70797m	48.638	ng	
36) 4-Chloro-3-methylphenol	8.704	107	255560	46.440	ng	99
37) 2-Methylnaphthalene	8.845	142	534622	45.757	ng	99
38) 1-Methylnaphthalene	8.945	142	473229	40.954	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	247370	41.462	ng	99
41) Hexachlorocyclopentadiene	8.992	237	90708	54.438	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	151672	41.517	ng	99

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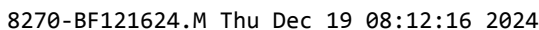
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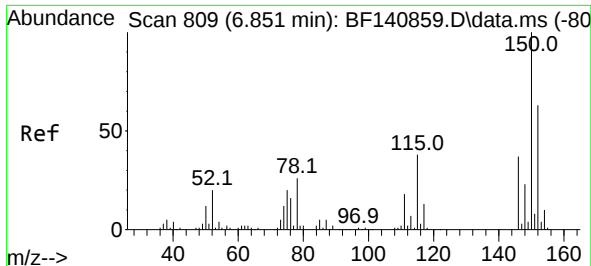
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	167704	41.765	ng	99
46) 1,1'-Biphenyl	9.310	154	685310	44.399	ng	99
47) 2-Chloronaphthalene	9.334	162	512722	43.421	ng	99
48) 2-Nitroaniline	9.439	65	154676	43.373	ng	98
49) Acenaphthylene	9.751	152	803775	46.319	ng	100
50) Dimethylphthalate	9.610	163	603291	44.084	ng	100
51) 2,6-Dinitrotoluene	9.681	165	131558	42.051	ng	98
52) Acenaphthene	9.922	154	503186	45.394	ng	99
53) 3-Nitroaniline	9.857	138	106510	34.306	ng	99
54) 2,4-Dinitrophenol	9.975	184	125574	82.078	ng	97
55) Dibenzofuran	10.092	168	701119	40.819	ng	99
56) 4-Nitrophenol	10.045	139	136436	81.602	ng	98
57) 2,4-Dinitrotoluene	10.092	165	169913	41.278	ng	99
58) Fluorene	10.439	166	574606	40.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	147229	44.997	ng	97
60) Diethylphthalate	10.310	149	595197	41.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	288758	40.567	ng	97
62) 4-Nitroaniline	10.475	138	137998	42.534	ng	97
63) Azobenzene	10.586	77	563264	42.220	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	99041	46.483	ng	98
66) n-Nitrosodiphenylamine	10.551	169	500843	43.323	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	182852	43.469	ng	98
68) Hexachlorobenzene	10.992	284	212451	44.545	ng	99
69) Atrazine	11.080	200	181375	56.175	ng	99
70) Pentachlorophenol	11.198	266	150698	86.424	ng	98
71) Phenanthrene	11.404	178	872468	45.121	ng	99
72) Anthracene	11.457	178	832992	43.744	ng	100
73) Carbazole	11.616	167	792291	42.479	ng	100
74) Di-n-butylphthalate	11.927	149	970067	44.316	ng	100
75) Fluoranthene	12.598	202	1039886	46.697	ng	99
77) Benzidine	12.716	184	238801	46.882	ng	99
78) Pyrene	12.827	202	985093	44.386	ng	99
80) Butylbenzylphthalate	13.433	149	398878	48.845	ng	99
81) Benzo(a)anthracene	14.021	228	841790	47.591	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	179767	33.686	ng	98
83) Chrysene	14.057	228	776184	48.257	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	513500	48.767	ng	100
85) Di-n-octyl phthalate	14.610	149	699770	43.927	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	580122	58.066	ng	100
88) Benzo(b)fluoranthene	15.086	252	588364	52.943	ng	100
89) Benzo(k)fluoranthene	15.115	252	503122	52.778	ng	99
90) Benzo(a)pyrene	15.463	252	451158	51.845	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	477268	57.663	ng	99
92) Benzo(g,h,i)perylene	17.492	276	464957	55.195	ng	99

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

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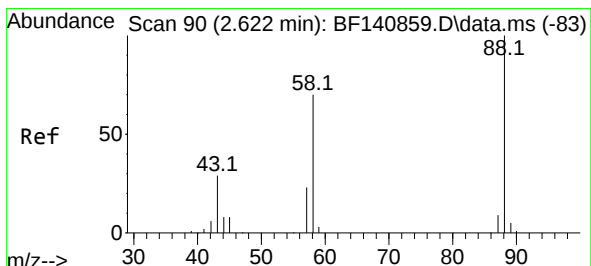
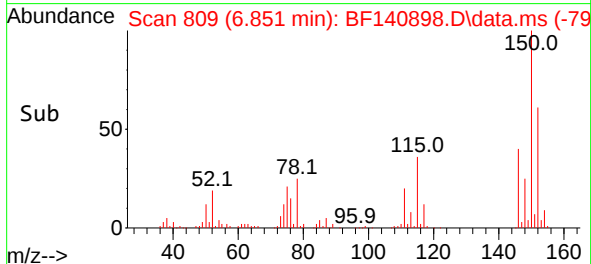
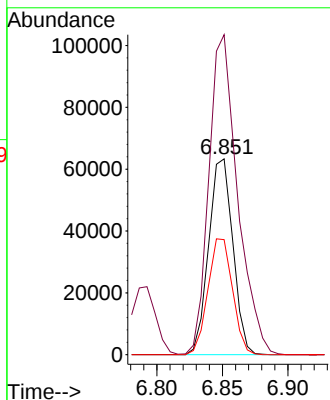
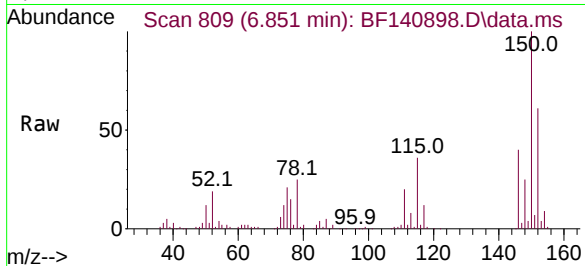




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

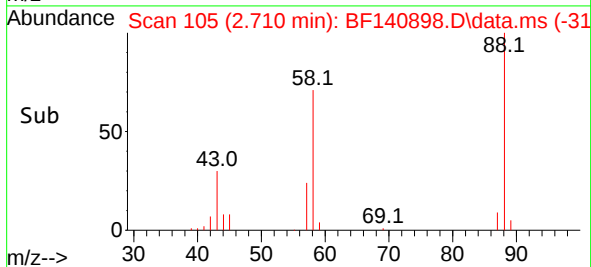
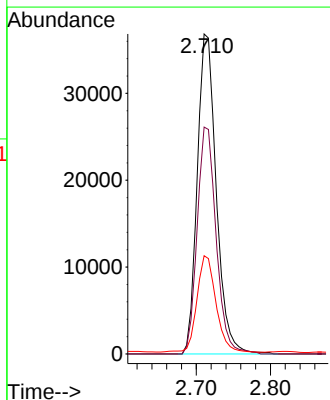
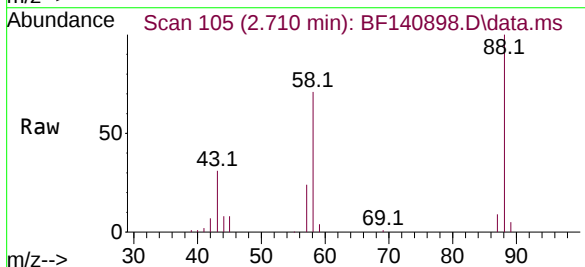
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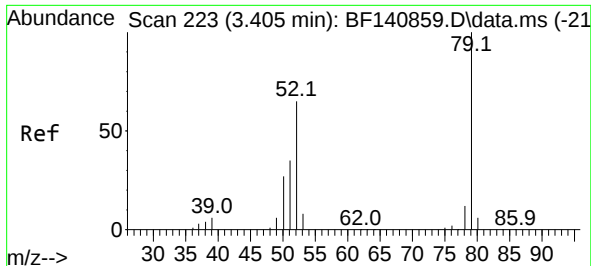
Tgt Ion:152 Resp: 81466
 Ion Ratio Lower Upper
 152 100
 150 163.4 127.9 191.9
 115 58.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 30.828 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

Tgt Ion: 88 Resp: 65714
 Ion Ratio Lower Upper
 88 100
 58 70.7 55.8 83.8
 43 30.1 22.7 34.1





#3

Pyridine

Concen: 35.178 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

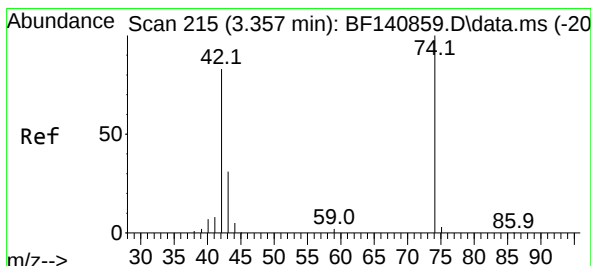
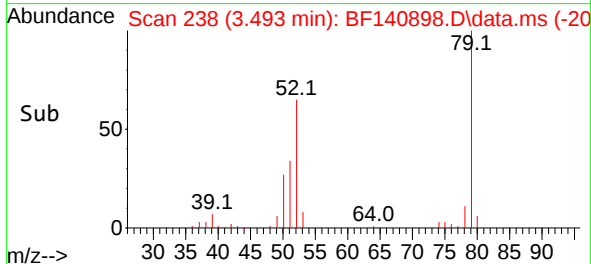
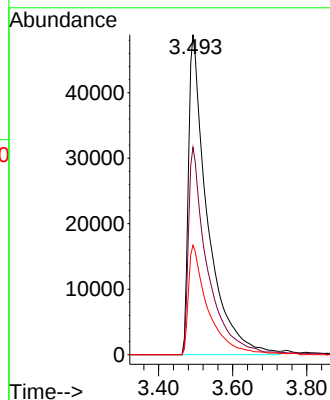
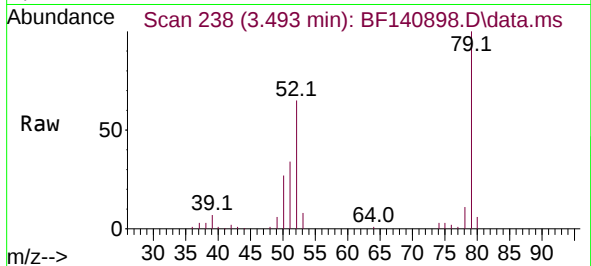
Tgt Ion: 79 Resp: 173659

Ion Ratio Lower Upper

79 100

52 64.8 51.7 77.5

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 38.645 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.076 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

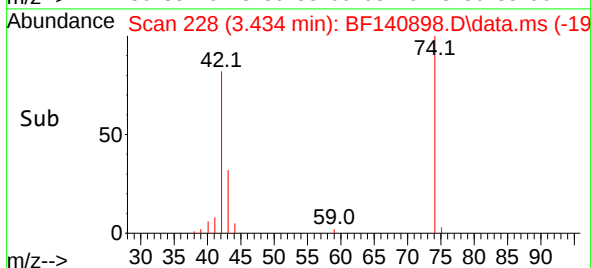
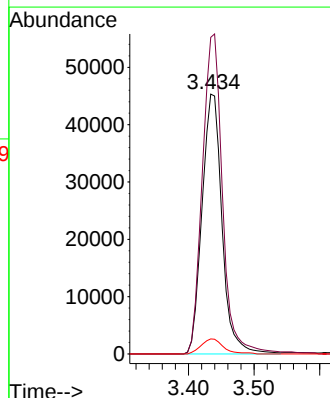
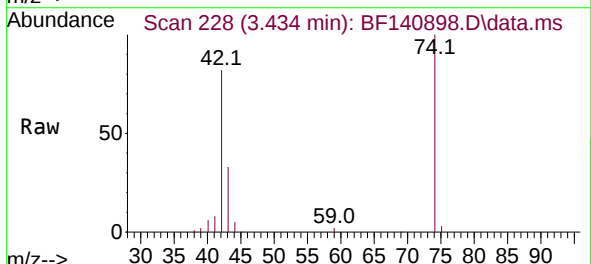
Tgt Ion: 42 Resp: 96173

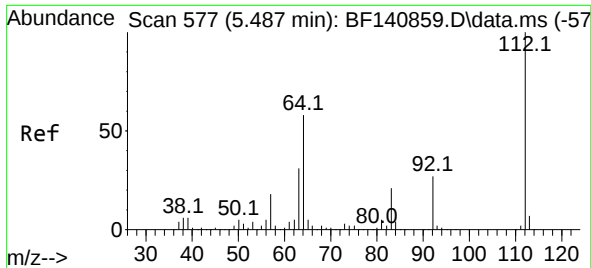
Ion Ratio Lower Upper

42 100

74 121.9 96.9 145.3

44 5.8 4.4 6.6

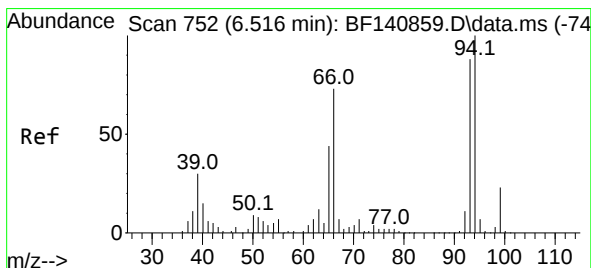
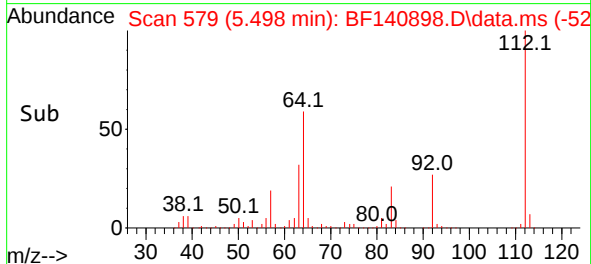
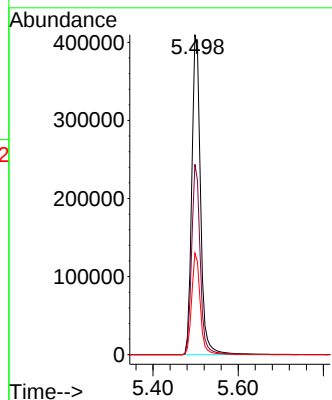
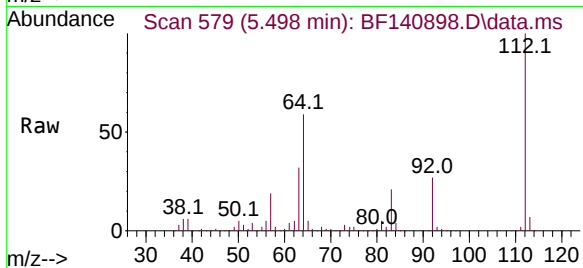




#5
2-Fluorophenol
Concen: 117.870 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

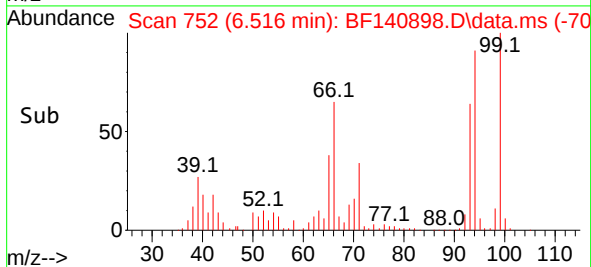
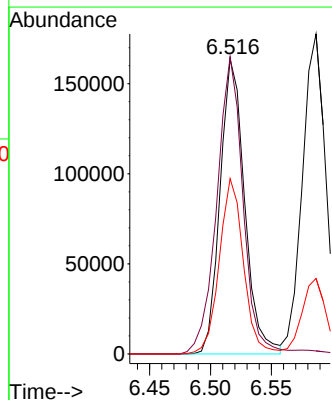
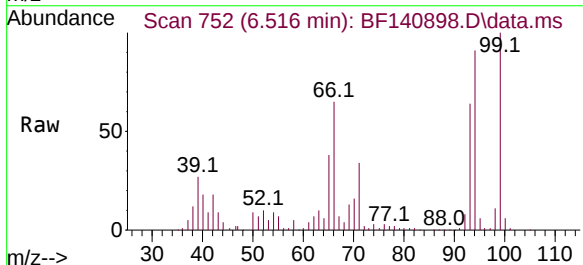
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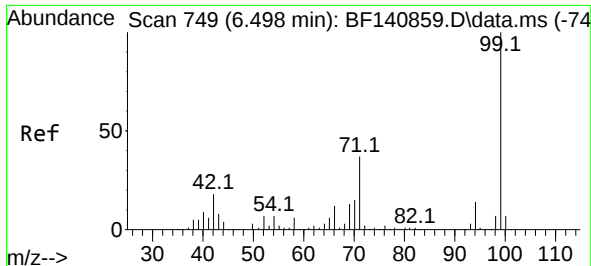
Tgt Ion:112 Resp: 583314
Ion Ratio Lower Upper
112 100
64 59.5 46.1 69.1
63 31.7 24.9 37.3



#6
Aniline
Concen: 40.982 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 93 Resp: 229679
Ion Ratio Lower Upper
93 100
66 100.8 67.0 100.4#
65 59.4 40.4 60.6

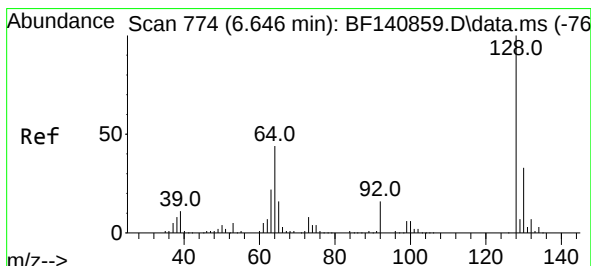
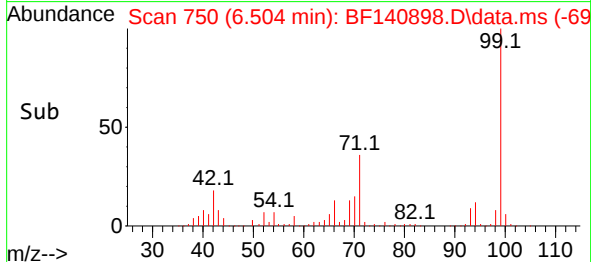
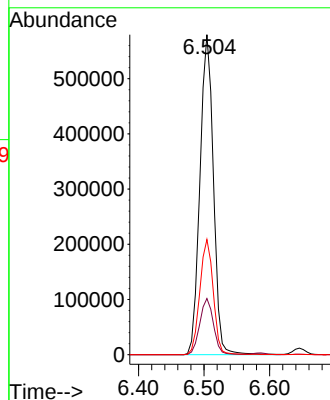
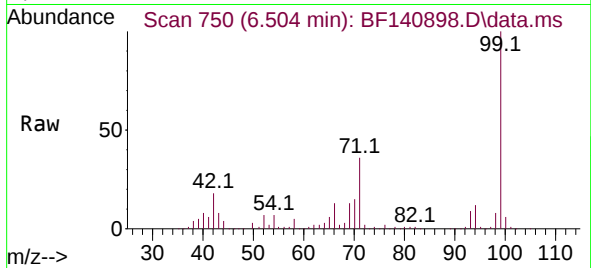




#7
Phenol-d6
Concen: 126.805 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

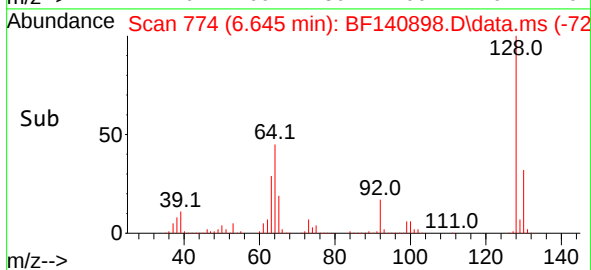
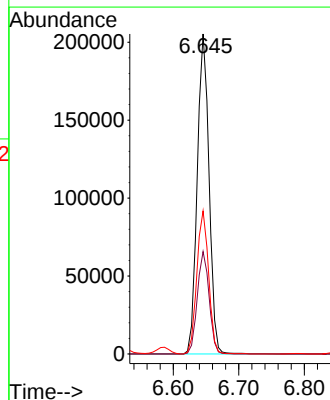
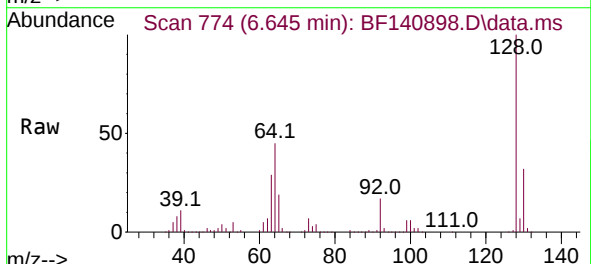
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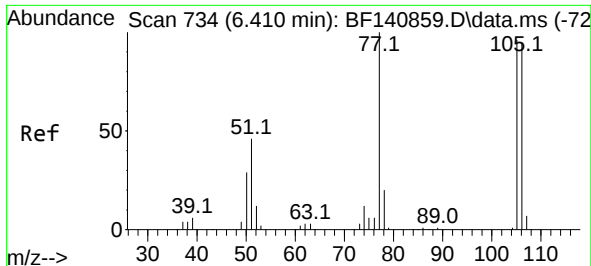
Tgt Ion: 99 Resp: 831170
Ion Ratio Lower Upper
99 100
42 17.5 14.3 21.5
71 36.0 29.9 44.9



#8
2-Chlorophenol
Concen: 47.692 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:128 Resp: 257377
Ion Ratio Lower Upper
128 100
130 32.0 12.9 52.9
64 44.7 24.3 64.3

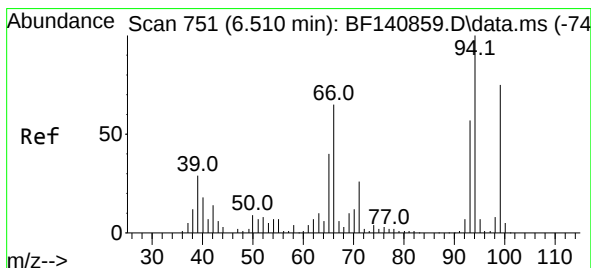
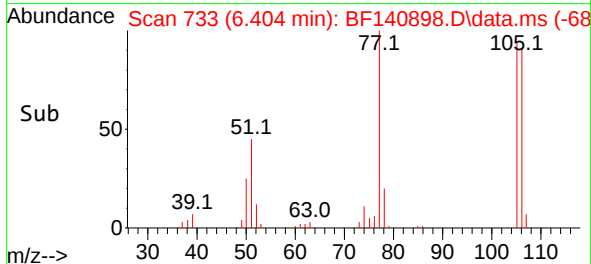
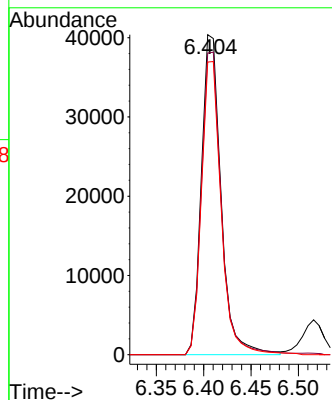
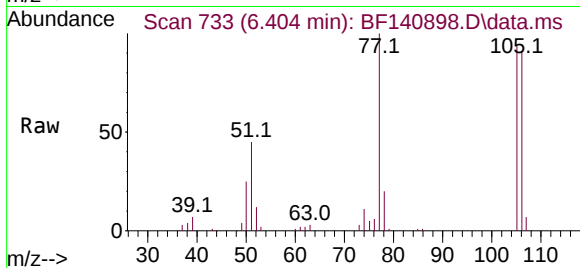




#9
Benzaldehyde
Concen: 16.080 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

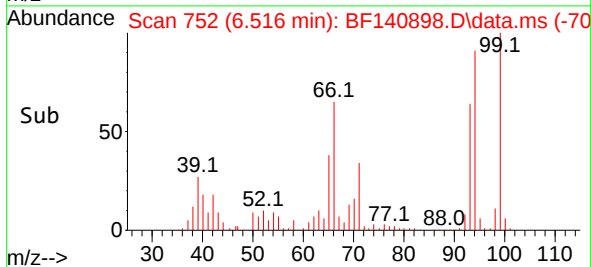
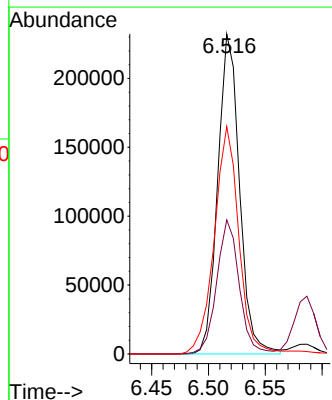
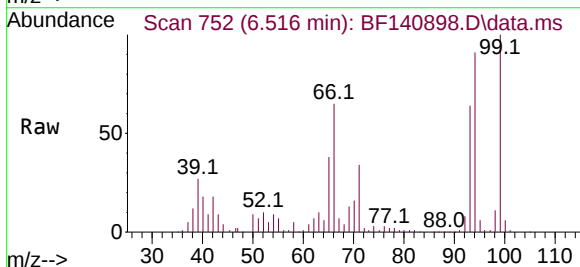
Instrument :
BNA_F
ClientSampleId :
PB165648BS

Tgt Ion: 77 Resp: 58402
Ion Ratio Lower Upper
77 100
105 94.3 75.8 115.8
106 91.5 74.1 114.1



#10
Phenol
Concen: 45.567 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 94 Resp: 309555
Ion Ratio Lower Upper
94 100
65 41.9 19.9 59.9
66 71.0 45.6 85.6

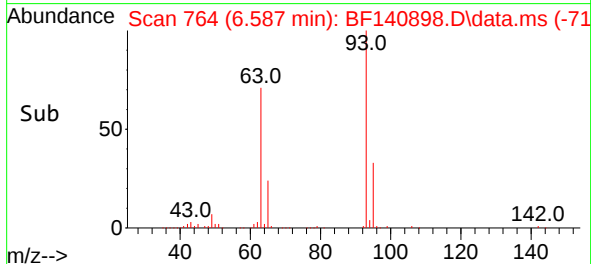
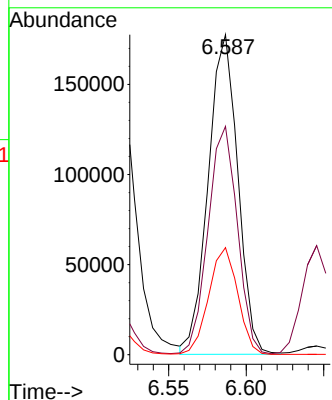
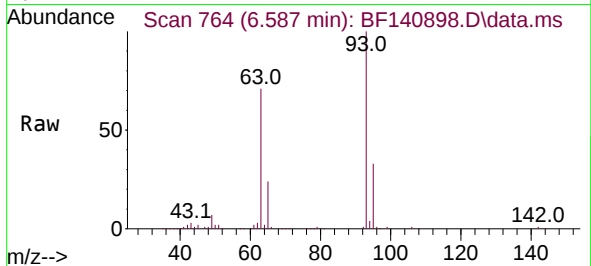




#11
bis(2-Chloroethyl)ether
Concen: 46.532 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

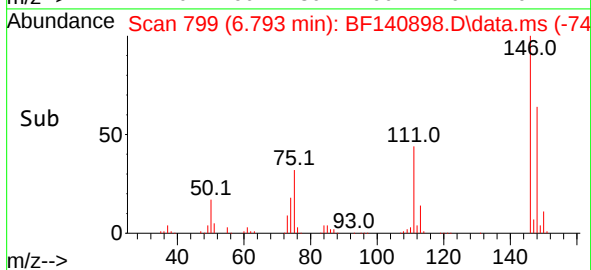
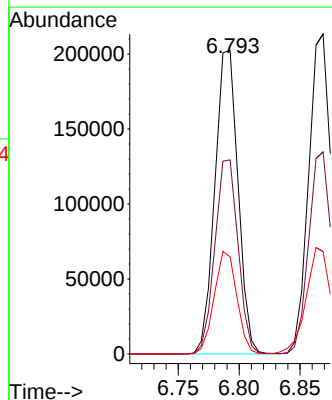
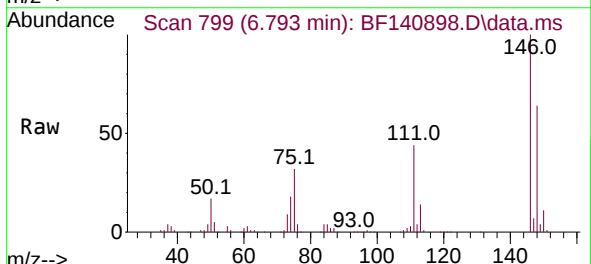
Instrument :
BNA_F
ClientSampleId :
PB165648BS

Tgt Ion: 93 Resp: 235747
Ion Ratio Lower Upper
93 100
63 71.4 51.0 91.0
95 33.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 43.597 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:146 Resp: 268095
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 32.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.489 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140898.D

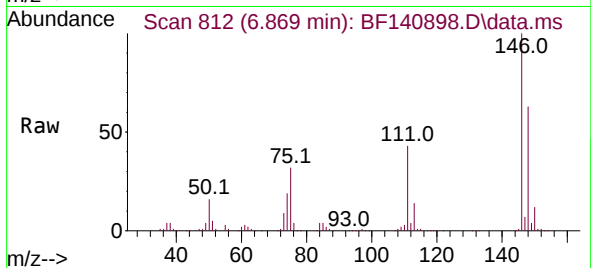
Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS



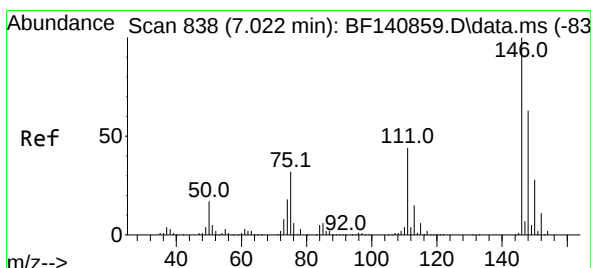
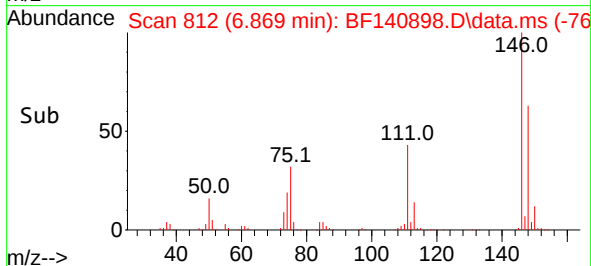
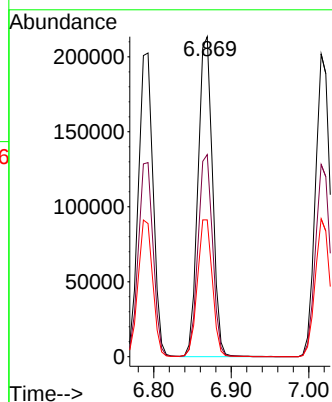
Tgt Ion:146 Resp: 277700

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 42.7 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 44.905 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

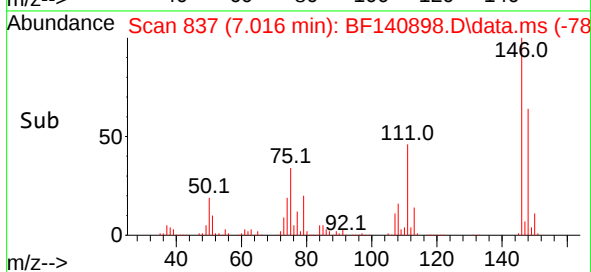
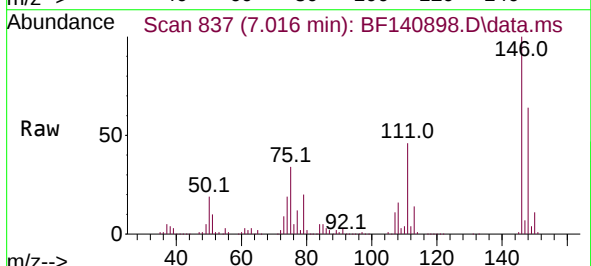
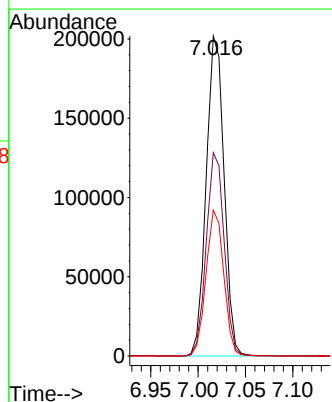
Tgt Ion:146 Resp: 264464

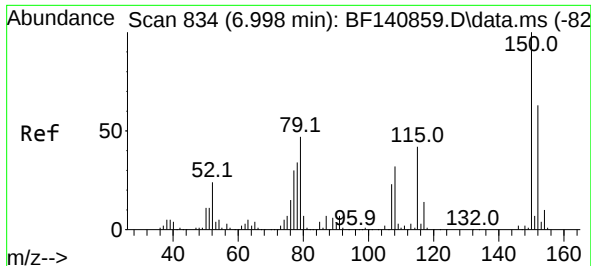
Ion Ratio Lower Upper

146 100

148 63.5 50.0 75.0

111 45.6 35.6 53.4

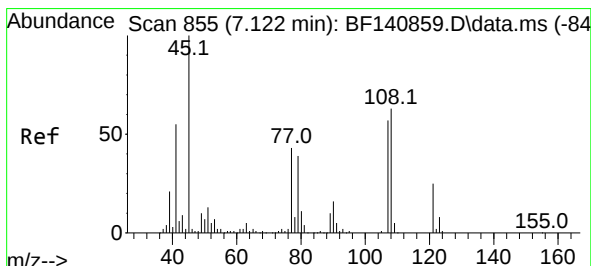
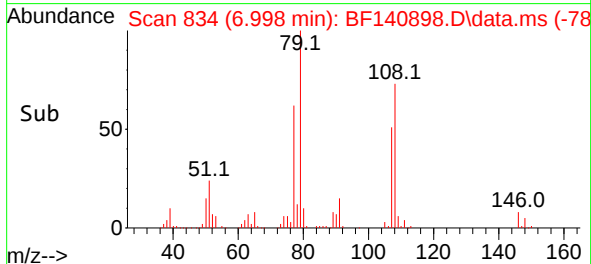
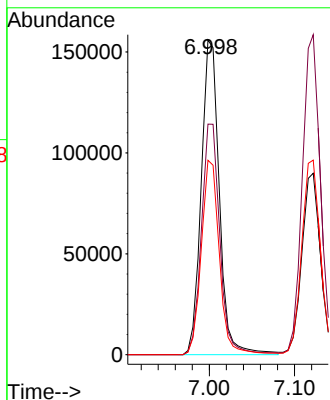
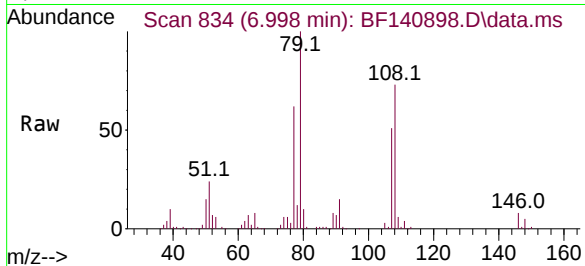




#15
Benzyl Alcohol
Concen: 49.130 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

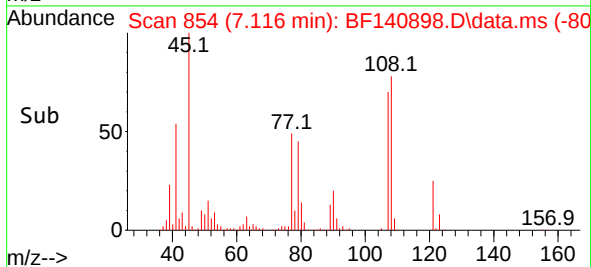
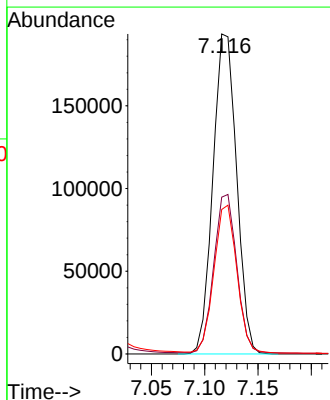
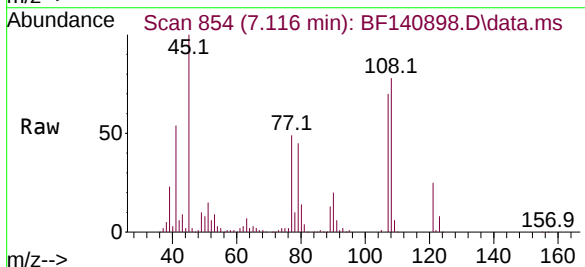
Instrument :
BNA_F
ClientSampleId :
PB165648BS

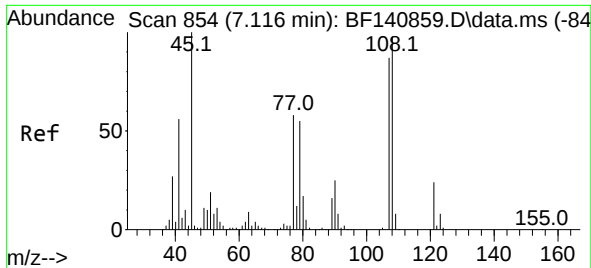
Tgt Ion: 79 Resp: 230253
Ion Ratio Lower Upper
79 100
108 73.3 55.1 82.7
77 61.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.081 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 45 Resp: 298893
Ion Ratio Lower Upper
45 100
77 49.0 23.3 63.3
79 45.2 20.0 60.0

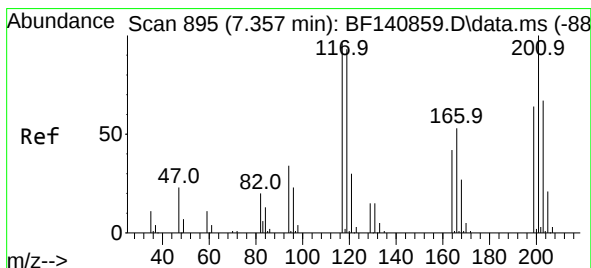
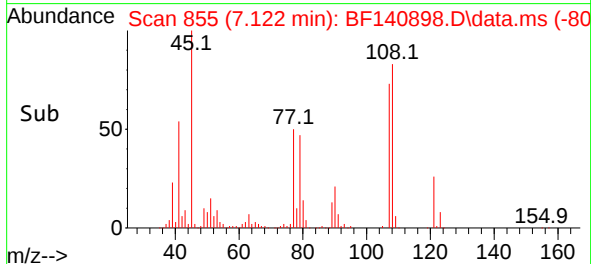
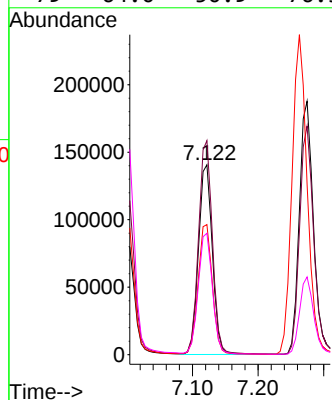
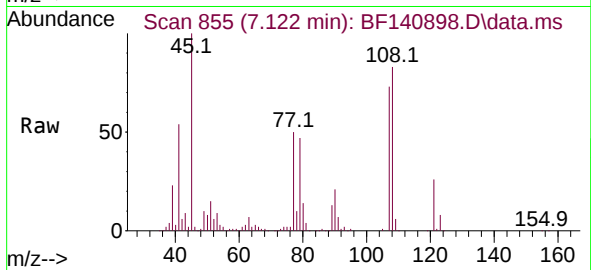




#17
2-Methylphenol
Concen: 48.372 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

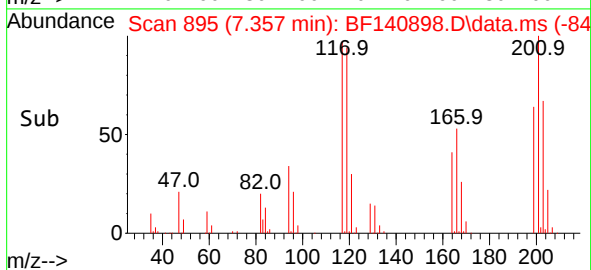
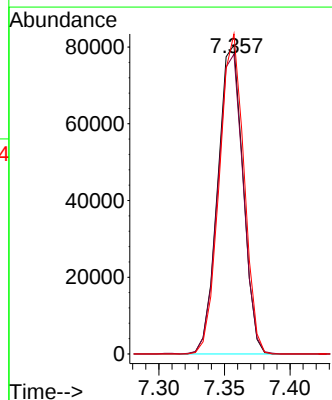
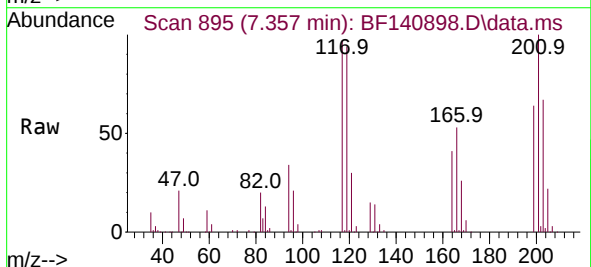
Instrument :
BNA_F
ClientSampleId :
PB165648BS

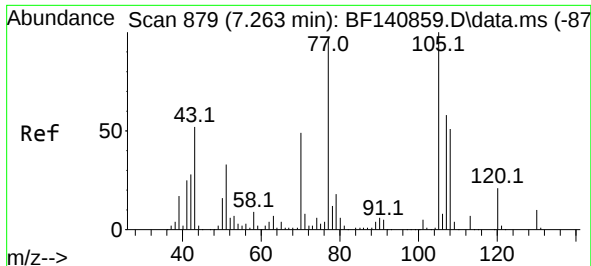
Tgt Ion:	107	Resp:	208414
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.4
77	68.5	53.8	80.6
79	64.0	50.9	76.3



#18
Hexachloroethane
Concen: 46.202 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:	117	Resp:	107362
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	103.6	83.4	125.0

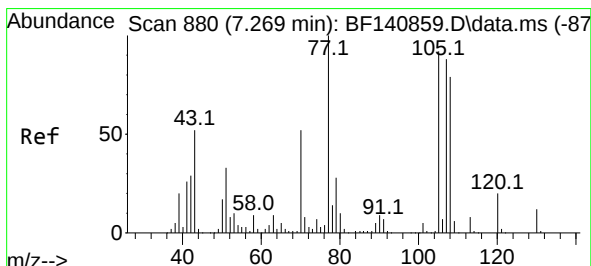
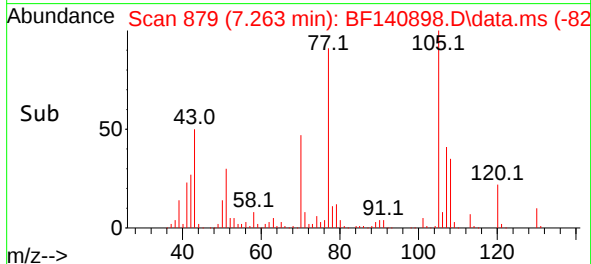
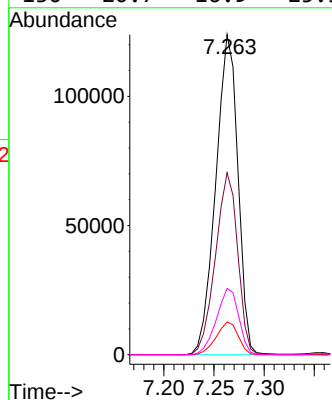
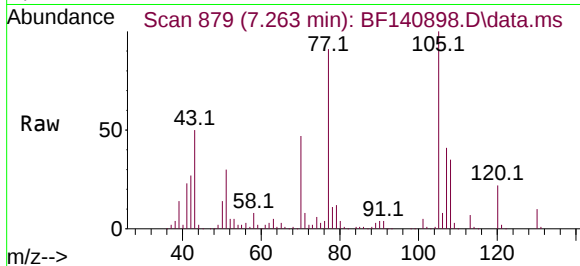




#19
n-Nitroso-di-n-propylamine
Concen: 48.381 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

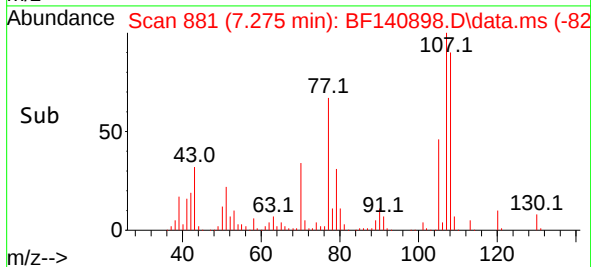
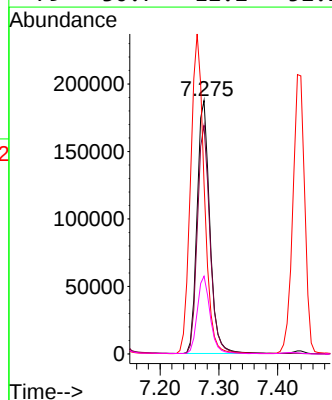
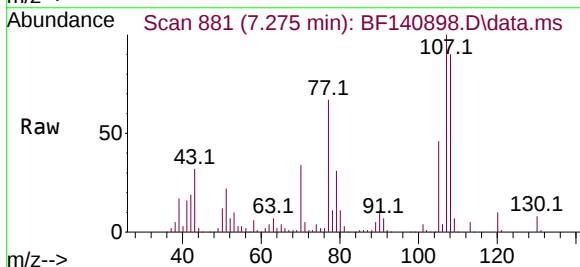
Instrument :
BNA_F
ClientSampleId :
PB165648BS

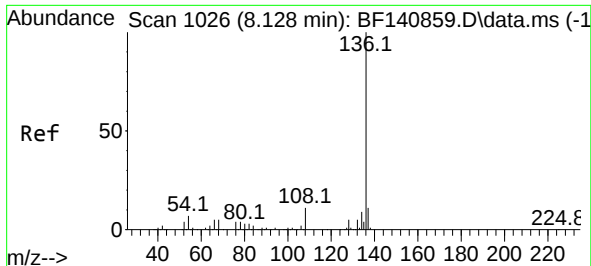
Tgt Ion: 70 Resp: 190226
Ion Ratio Lower Upper
70 100
42 56.9 45.3 67.9
101 10.3 8.0 12.0
130 20.7 16.9 25.3



#20
3+4-Methylphenols
Concen: 49.240 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 107 Resp: 281325
Ion Ratio Lower Upper
107 100
108 90.2 70.1 110.1
77 67.3 94.4 134.4#
79 30.7 12.2 52.2

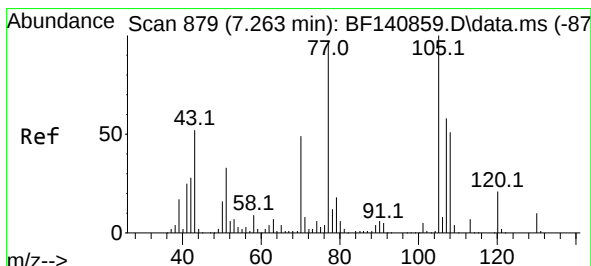
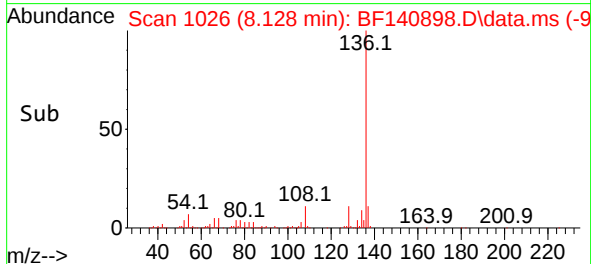
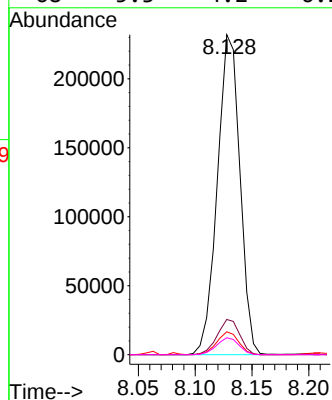
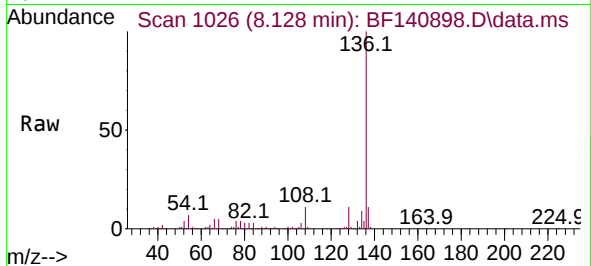




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

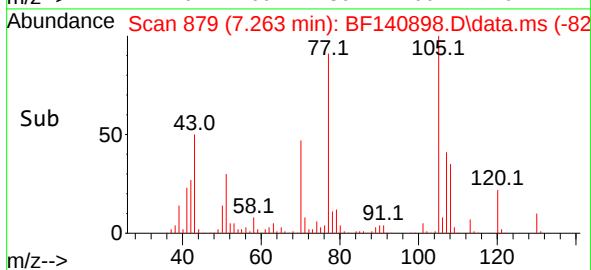
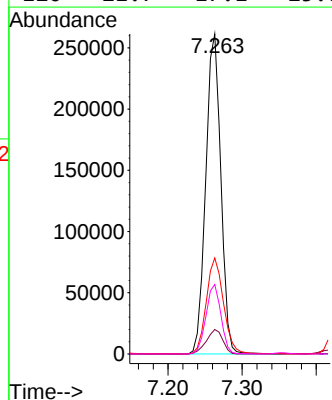
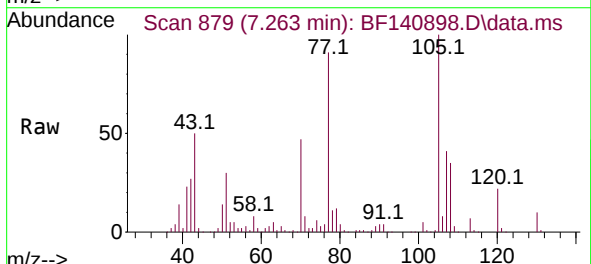
Instrument :
BNA_F
ClientSampleId :
PB165648BS

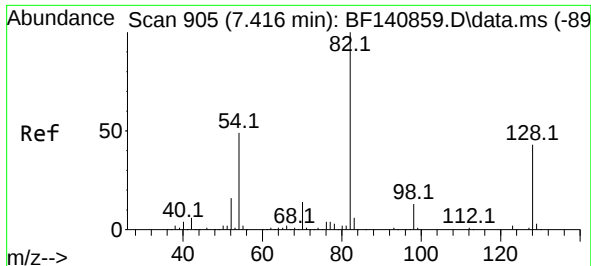
Tgt Ion:	136	Resp:	321545
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	7.1	5.6	8.4
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 45.923 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:	105	Resp:	369385
Ion Ratio	Lower	Upper	
105	100		
71	7.6	6.2	9.4
51	30.0	26.3	39.5
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 89.611 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

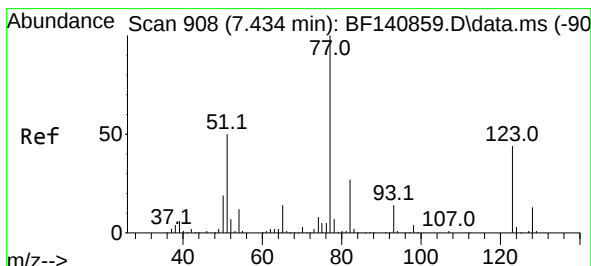
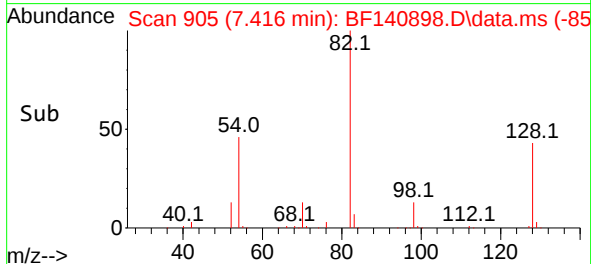
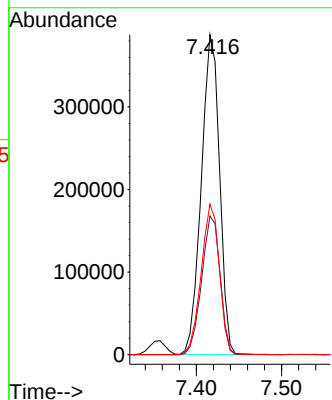
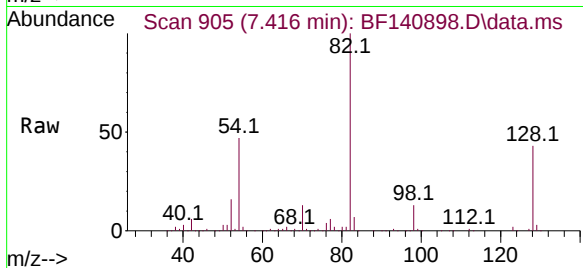
Tgt Ion: 82 Resp: 575920

Ion Ratio Lower Upper

82 100

128 43.4 34.4 51.6

54 47.1 38.8 58.2



#24

Nitrobenzene

Concen: 44.046 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

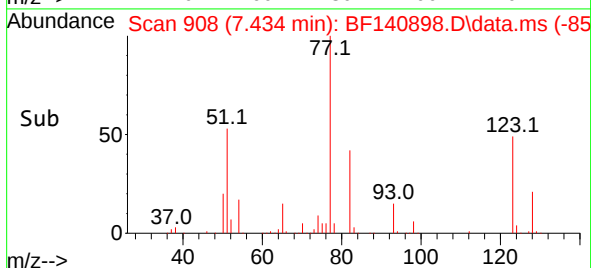
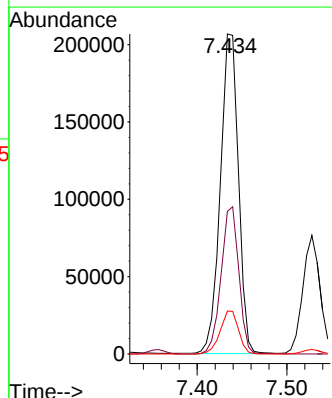
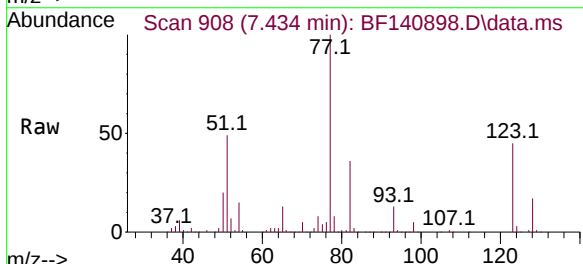
Tgt Ion: 77 Resp: 290004

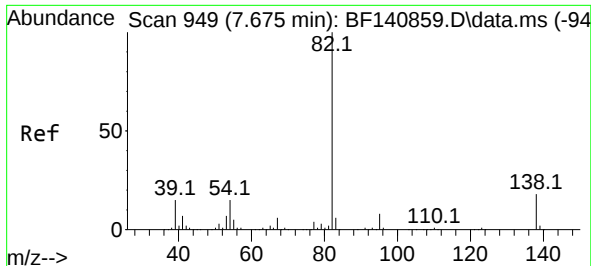
Ion Ratio Lower Upper

77 100

123 44.6 35.0 52.4

65 13.4 11.4 17.0

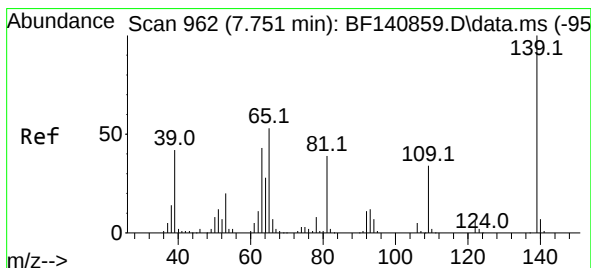
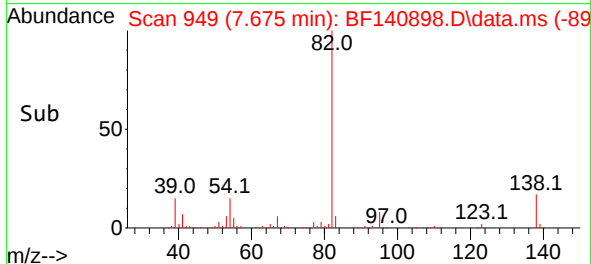
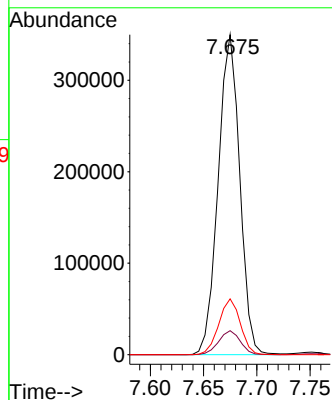
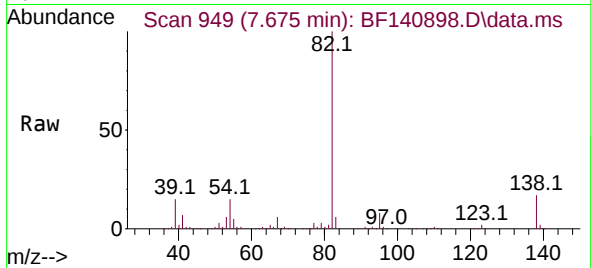




#25
Isophorone
Concen: 45.746 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

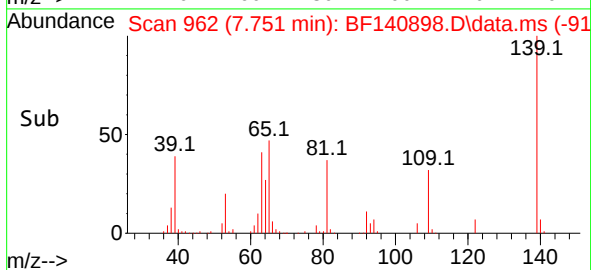
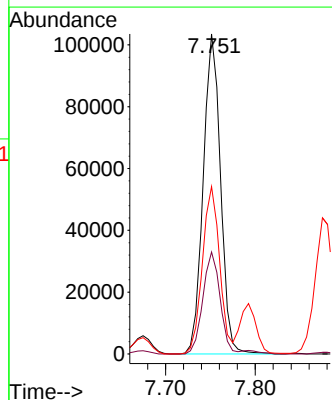
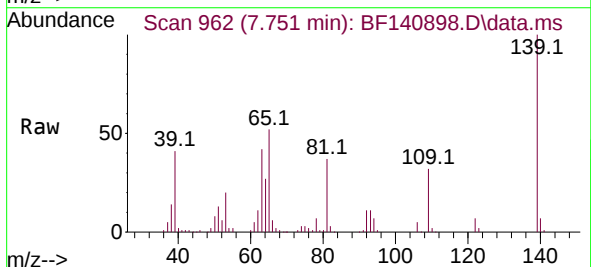
Instrument :
BNA_F
ClientSampleId :
PB165648BS

Tgt Ion: 82 Resp: 492616
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 17.4 14.1 21.1



#26
2-Nitrophenol
Concen: 45.770 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 139 Resp: 138796
Ion Ratio Lower Upper
139 100
109 31.8 26.9 40.3
65 52.3 42.6 64.0

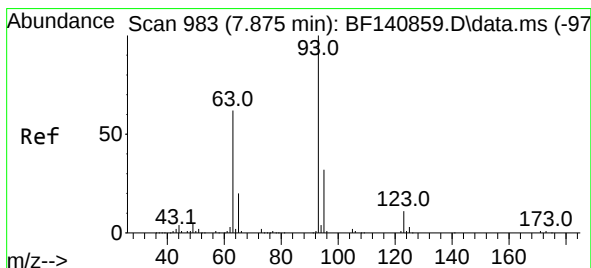
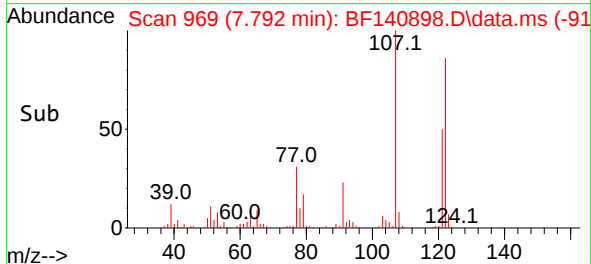
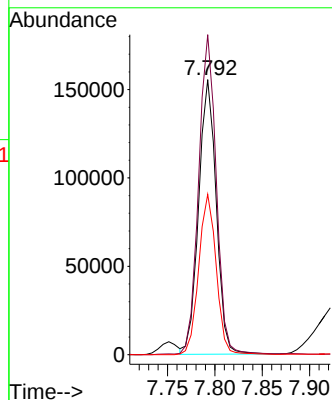
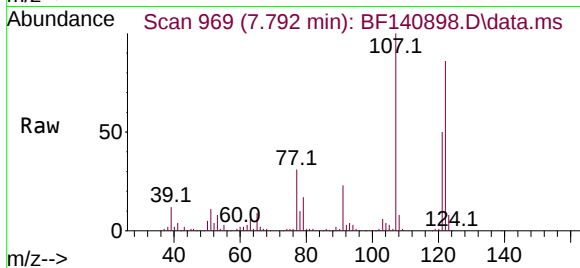




#27
2,4-Dimethylphenol
Concen: 56.684 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

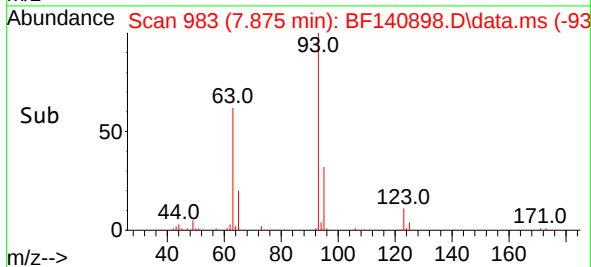
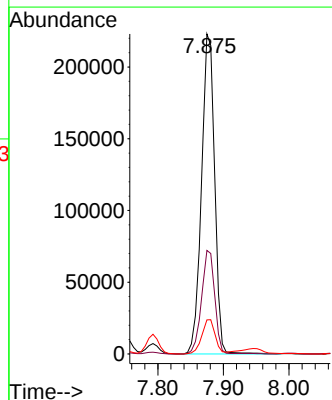
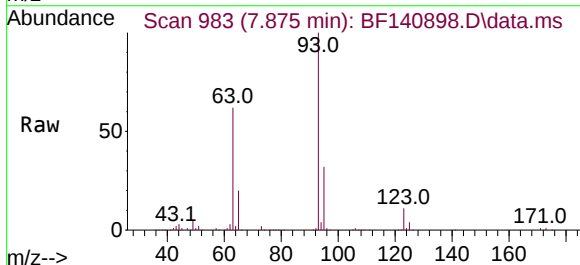
Instrument :
BNA_F
ClientSampleId :
PB165648BS

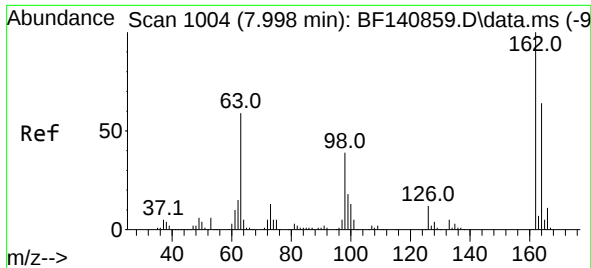
Tgt Ion:122 Resp: 200742
Ion Ratio Lower Upper
122 100
107 116.3 92.6 139.0
121 58.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.364 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 93 Resp: 311836
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.044 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

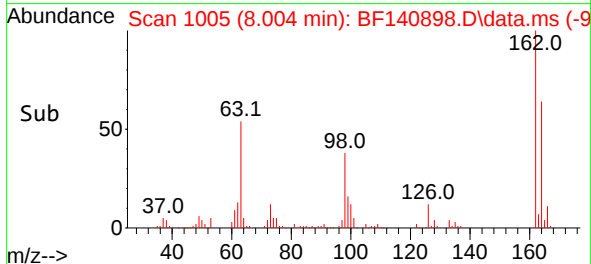
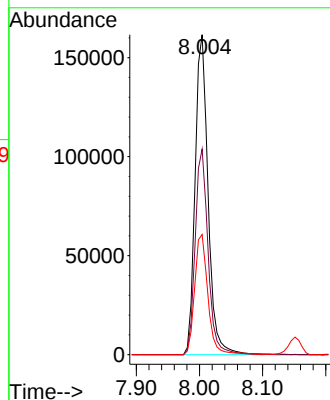
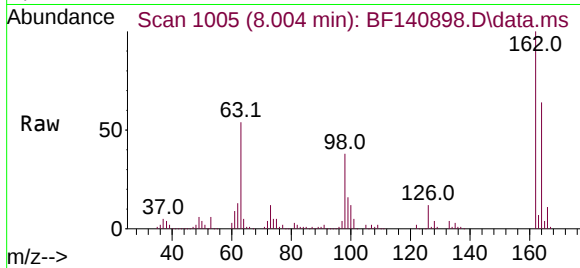
Tgt Ion:162 Resp: 230011

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

98 37.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 42.410 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

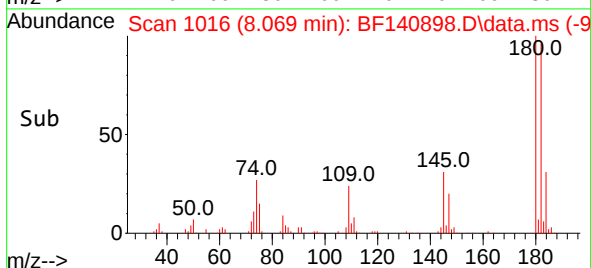
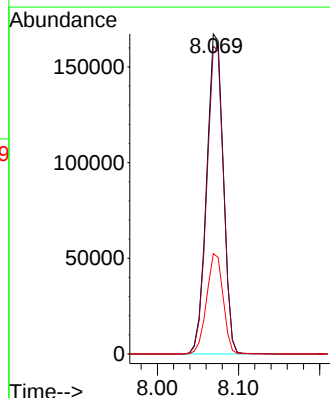
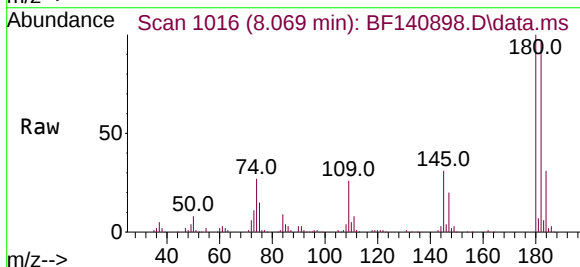
Tgt Ion:180 Resp: 237704

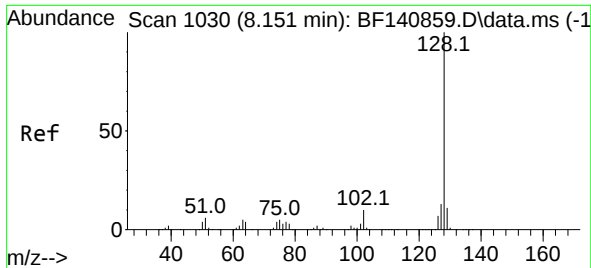
Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.6

145 31.4 25.2 37.8

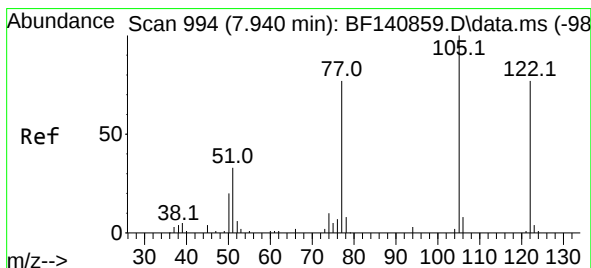
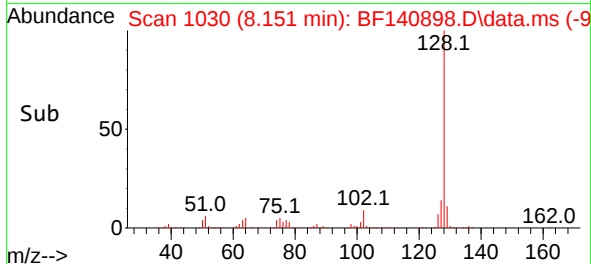
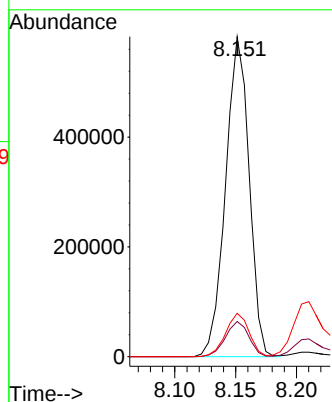
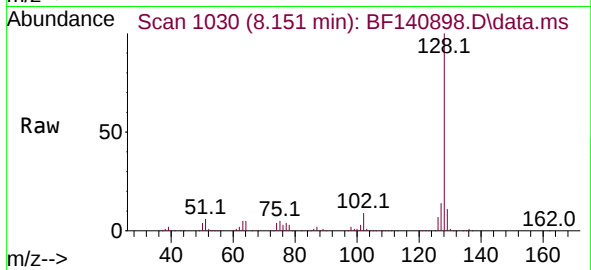




#31
Naphthalene
Concen: 44.412 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

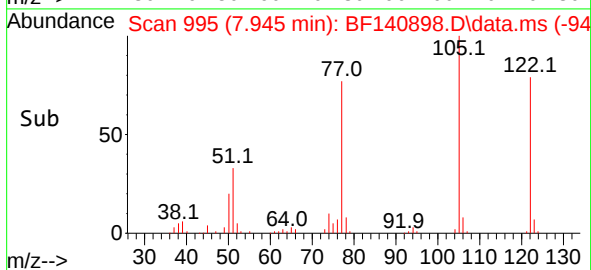
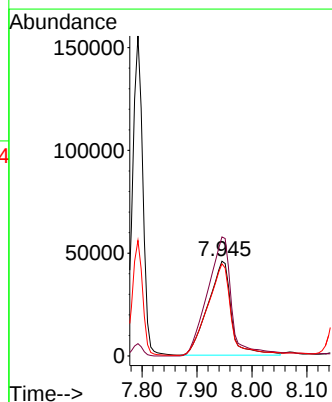
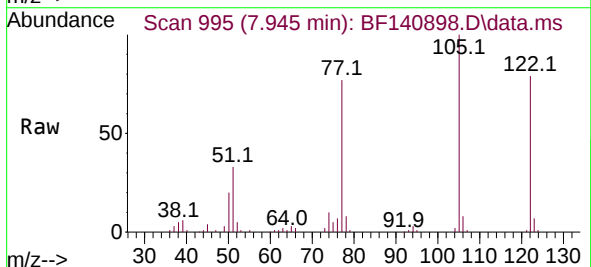
Instrument :
BNA_F
ClientSampleId :
PB165648BS

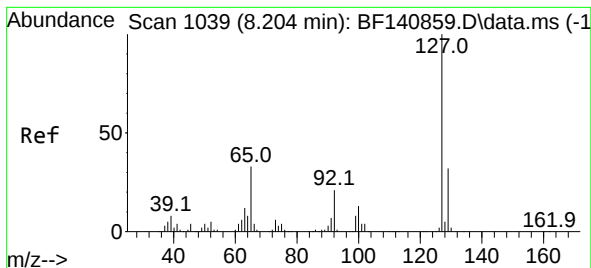
Tgt Ion:128 Resp: 784437
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 40.180 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:122 Resp: 134951
Ion Ratio Lower Upper
122 100
105 125.8 108.3 148.3
77 97.3 78.8 118.8





#33

4-Chloroaniline

Concen: 35.989 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

Tgt Ion:127 Resp: 211125

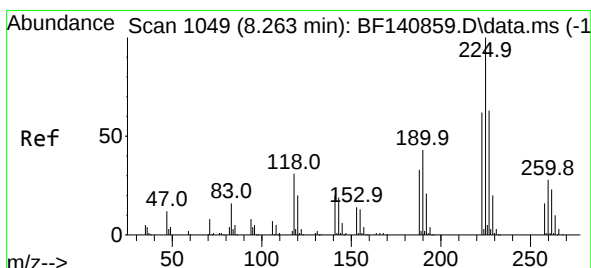
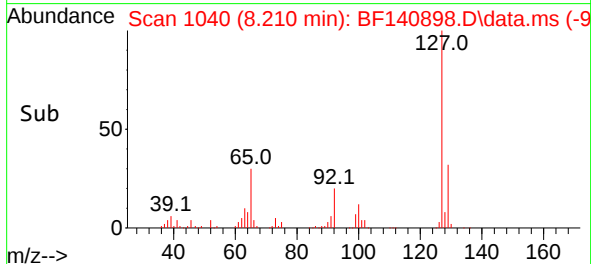
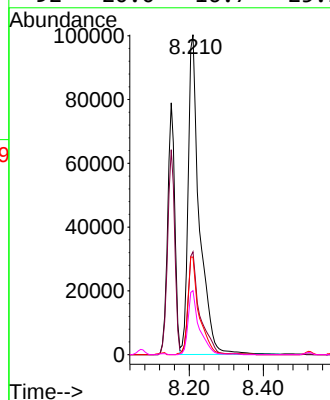
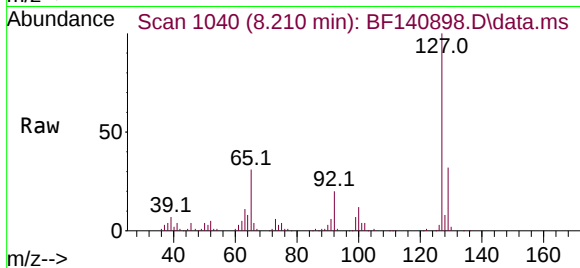
Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 30.5 26.0 39.0

92 20.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 41.874 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

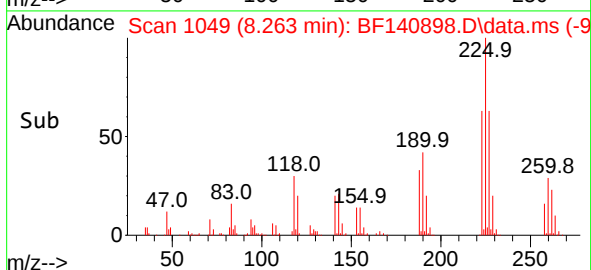
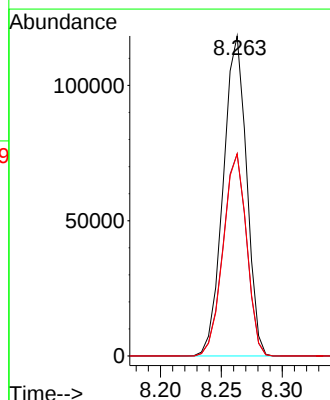
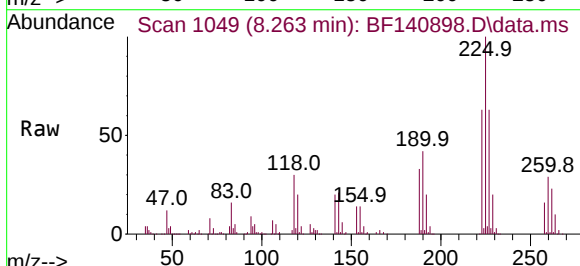
Tgt Ion:225 Resp: 157905

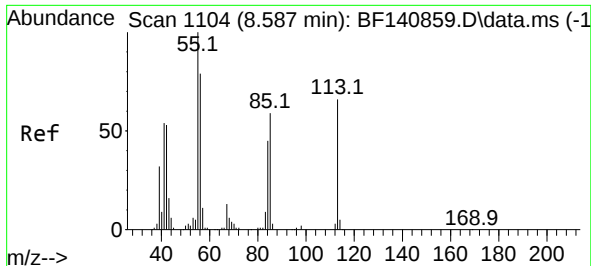
Ion Ratio Lower Upper

225 100

223 63.2 49.6 74.4

227 63.2 50.7 76.1

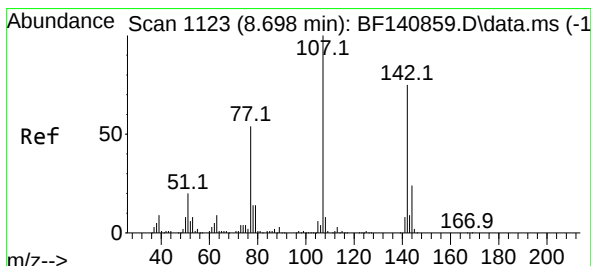
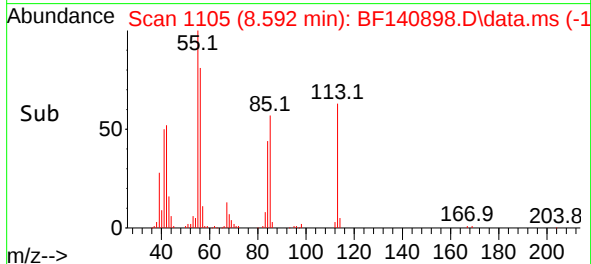
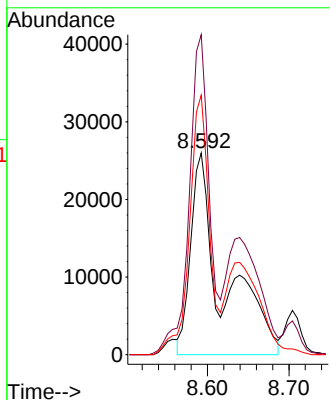
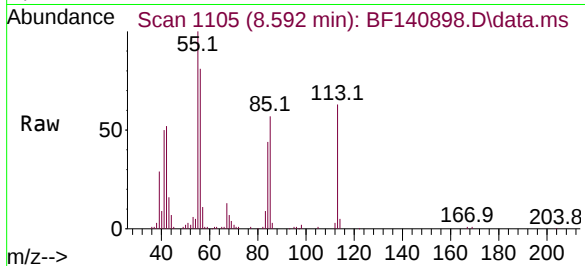




#35
 Caprolactam
 Concen: 48.638 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

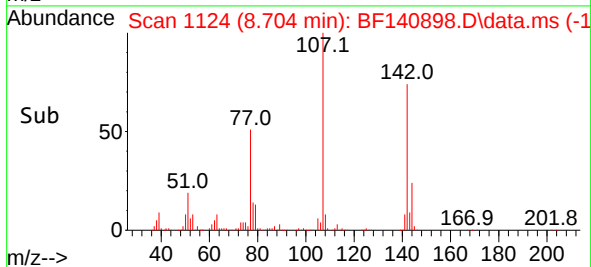
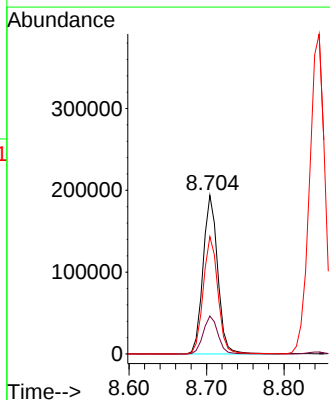
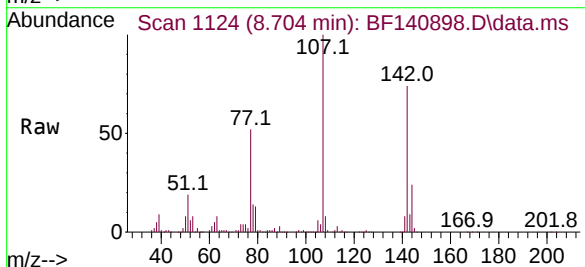
Instrument :
 BNA_F
 ClientSampleId :
 PB165648BS

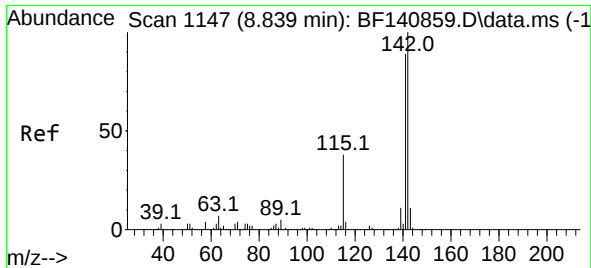
Tgt Ion:113 Resp: 70797
 Ion Ratio Lower Upper
 113 100
 55 158.6 132.3 172.3
 56 128.6 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.440 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

Tgt Ion:107 Resp: 255560
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.4 29.2
 142 74.0 60.3 90.5

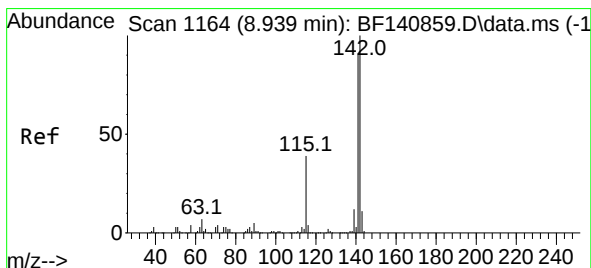
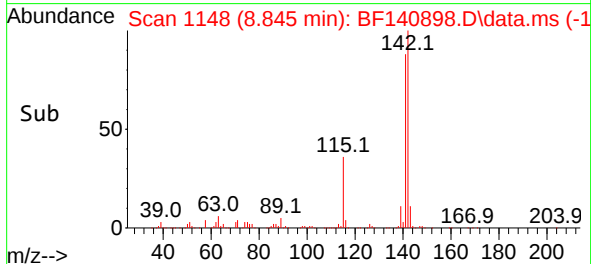
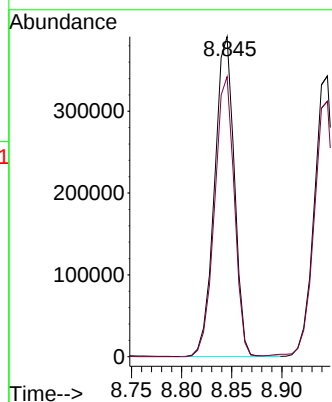
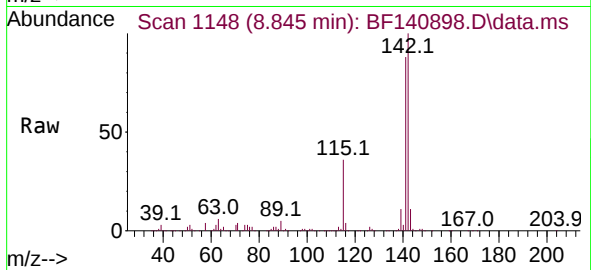




#37
2-Methylnaphthalene
Concen: 45.757 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

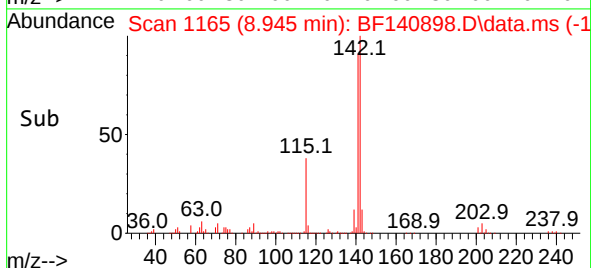
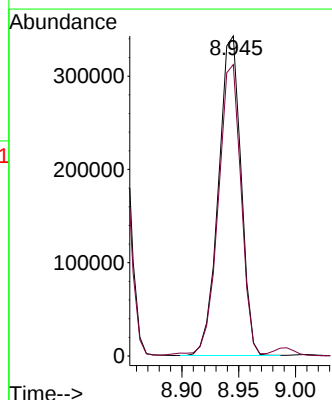
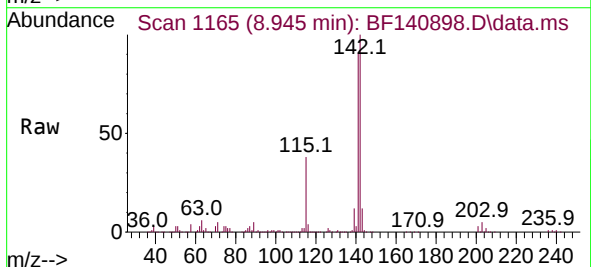
Instrument :
BNA_F
ClientSampleId :
PB165648BS

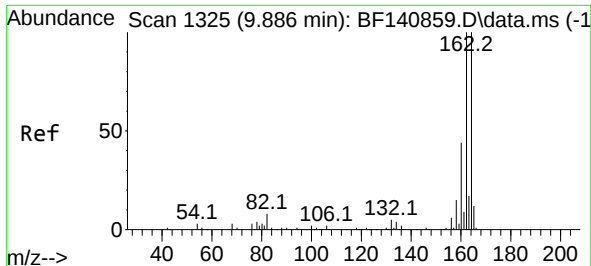
Tgt Ion:142 Resp: 534622
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 40.954 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:142 Resp: 473229
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0

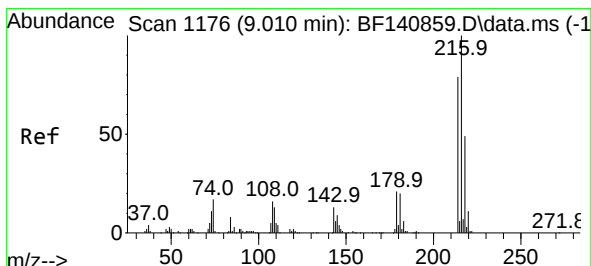
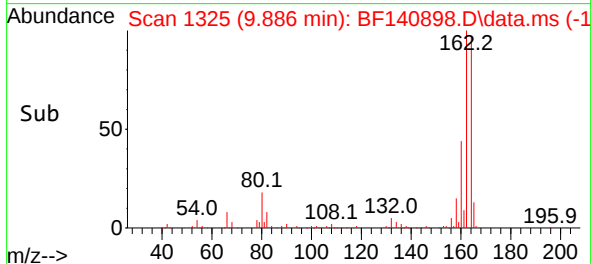
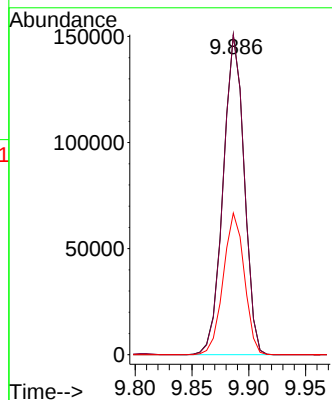
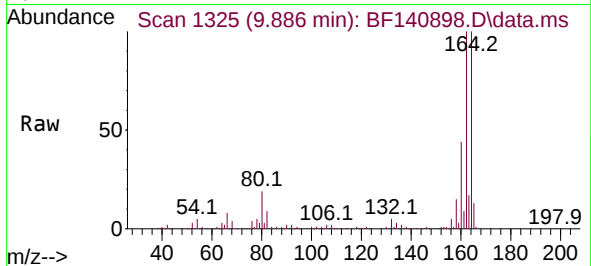




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

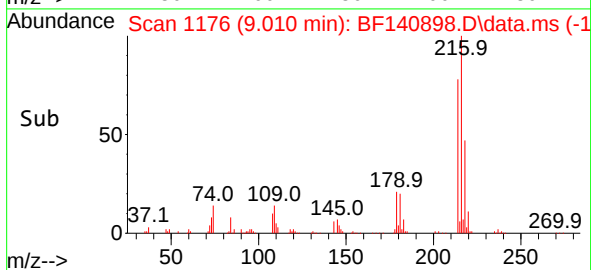
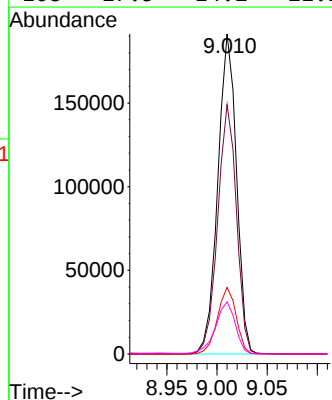
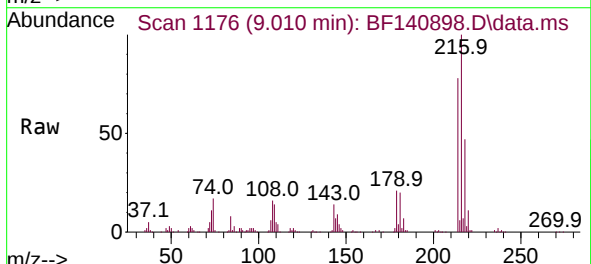
Instrument :
BNA_F
ClientSampleId :
PB165648BS

Tgt Ion:164 Resp: 194109
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 44.3 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.462 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:216 Resp: 247370
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 20.8 17.0 25.4
108 17.5 14.2 21.2

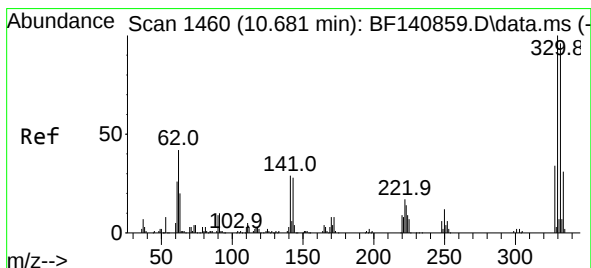
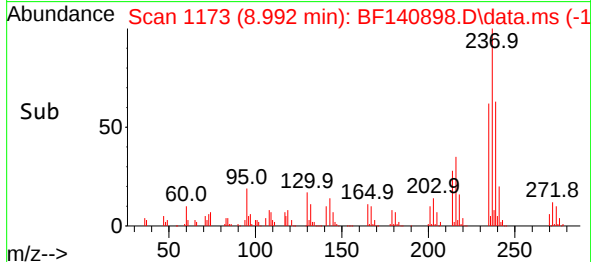
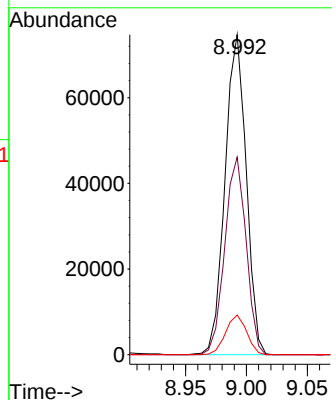
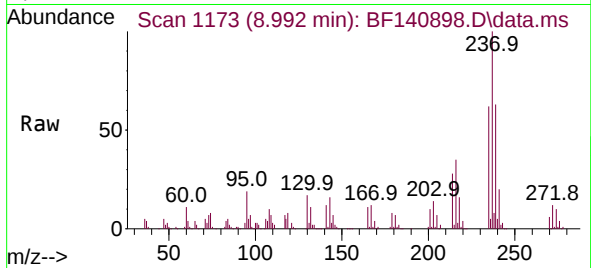




#41
Hexachlorocyclopentadiene
Concen: 54.438 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

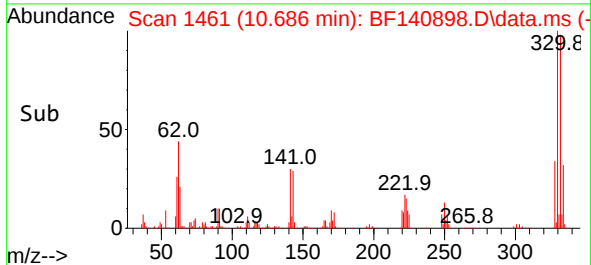
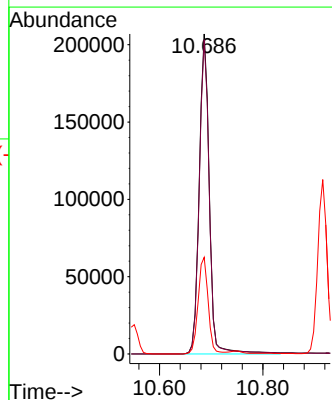
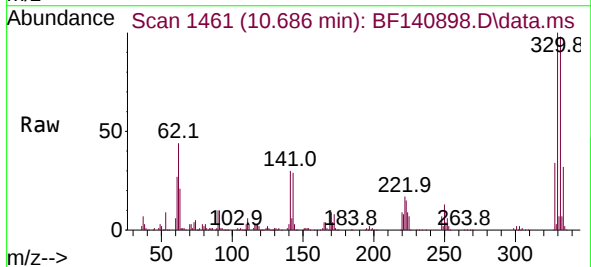
Instrument :
BNA_F
ClientSampleId :
PB165648BS

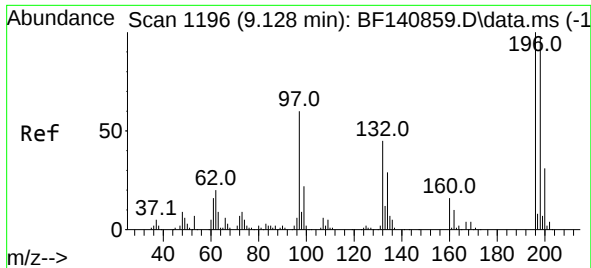
Tgt Ion:237 Resp: 90708
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 12.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 122.051 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:330 Resp: 280200
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 30.2 24.9 37.3

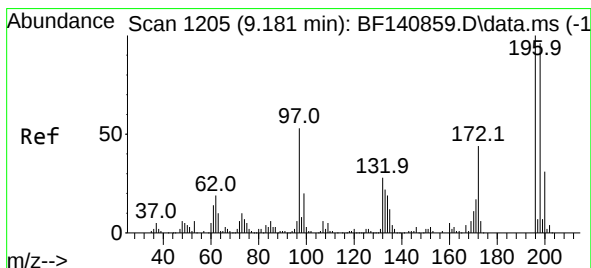
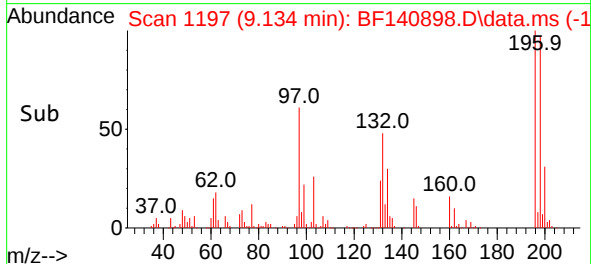
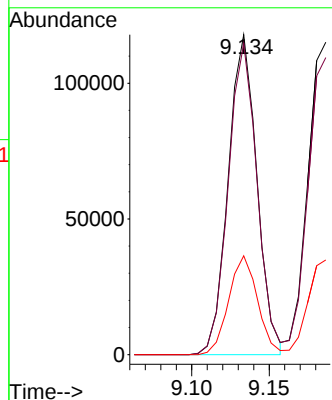
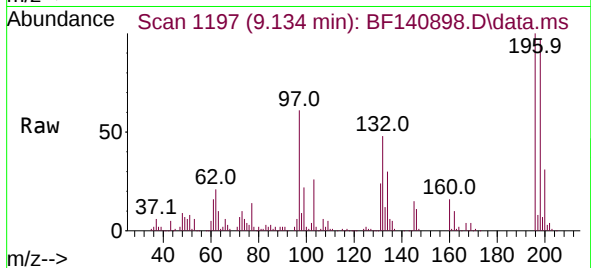




#43
2,4,6-Trichlorophenol
Concen: 41.517 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

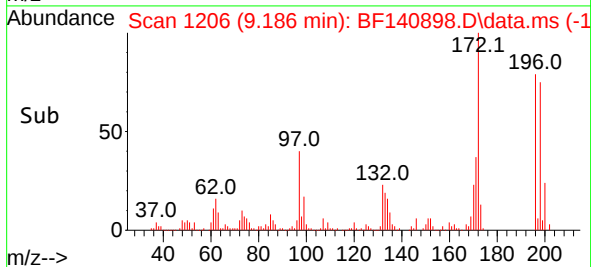
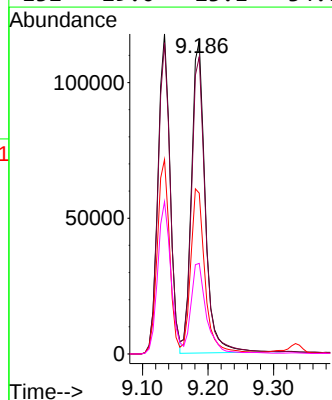
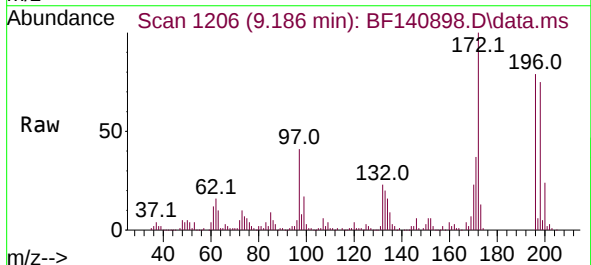
Instrument :
BNA_F
ClientSampleId :
PB165648BS

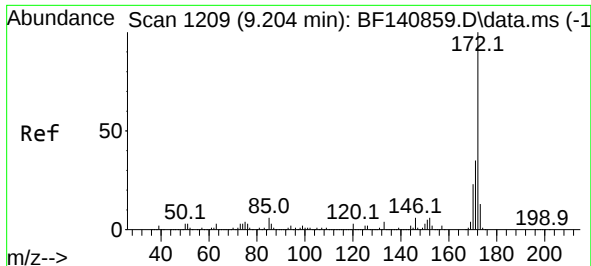
Tgt Ion:196 Resp: 151672
Ion Ratio Lower Upper
196 100
198 97.3 77.4 116.0
200 30.9 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 41.765 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:196 Resp: 167704
Ion Ratio Lower Upper
196 100
198 95.1 77.2 115.8
97 51.5 42.2 63.4
132 29.0 23.1 34.7

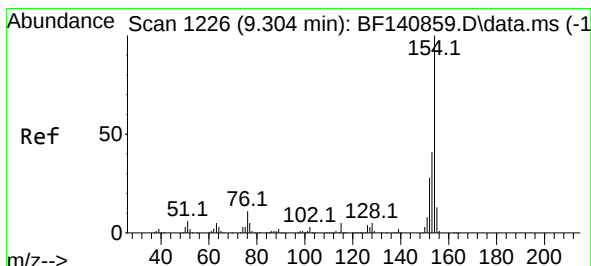
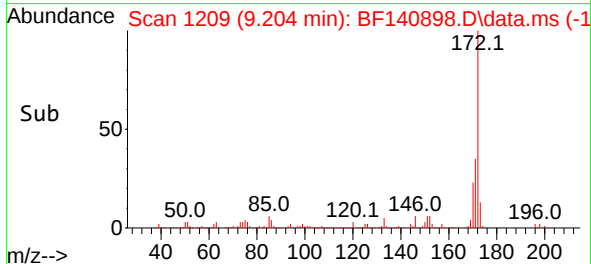
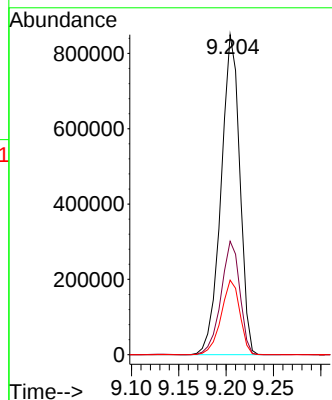
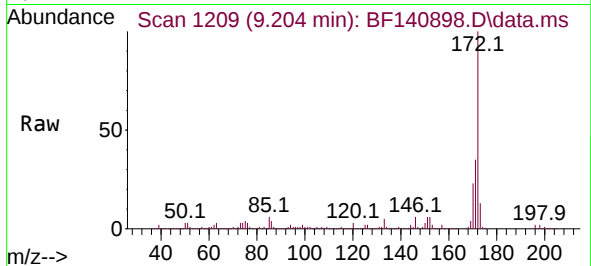




#45
2-Fluorobiphenyl
Concen: 82.868 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

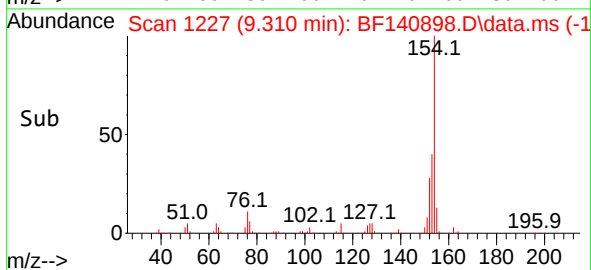
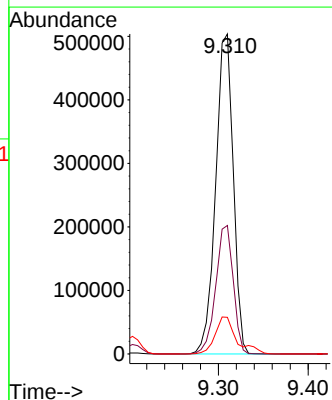
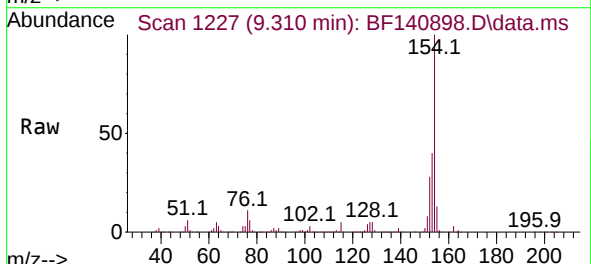
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BNA_F
ClientSampleId :
PB165648BS

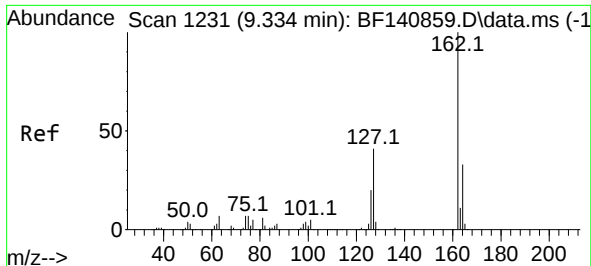
Tgt Ion:172 Resp: 1169978
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.399 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:154 Resp: 685310
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.5 0.0 31.0

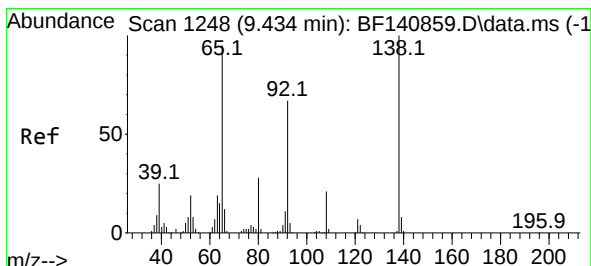
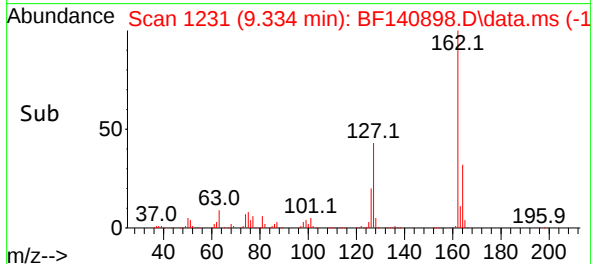
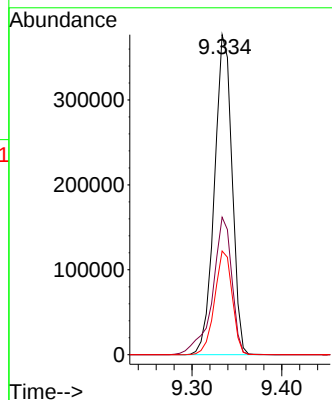
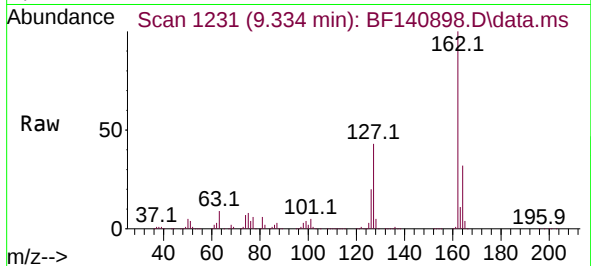




#47
2-Chloronaphthalene
Concen: 43.421 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

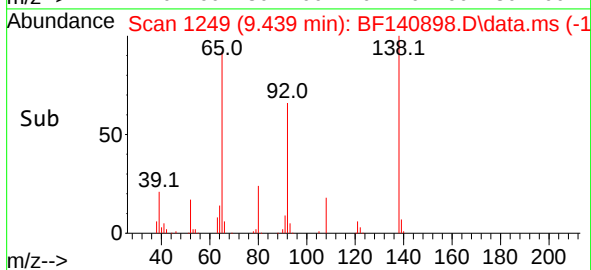
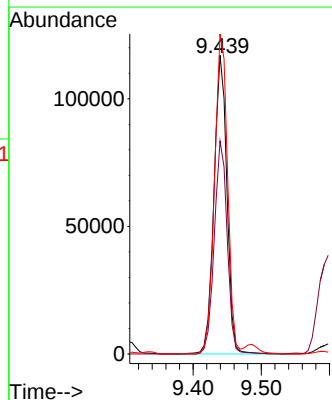
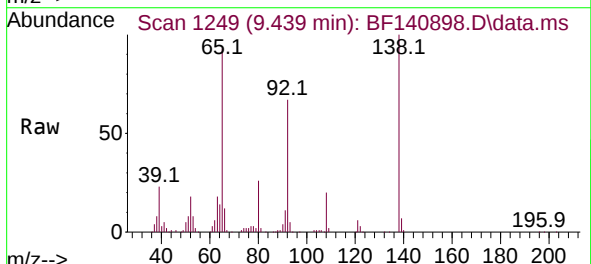
Instrument :
BNA_F
ClientSampleId :
PB165648BS

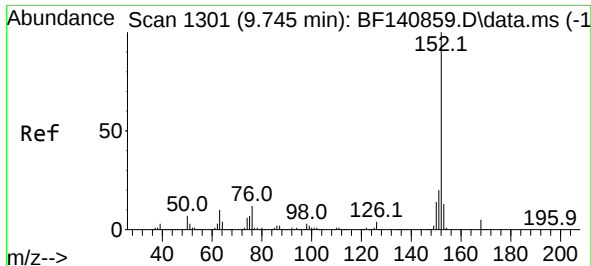
Tgt Ion:162 Resp: 512722
Ion Ratio Lower Upper
162 100
127 42.9 33.5 50.3
164 32.4 26.2 39.2



#48
2-Nitroaniline
Concen: 43.373 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion: 65 Resp: 154676
Ion Ratio Lower Upper
65 100
92 71.3 56.3 84.5
138 107.1 83.8 125.6





#49

Acenaphthylene

Concen: 46.319 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

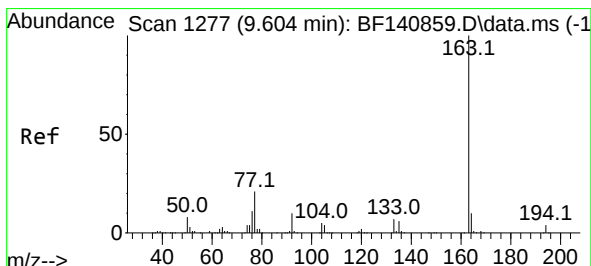
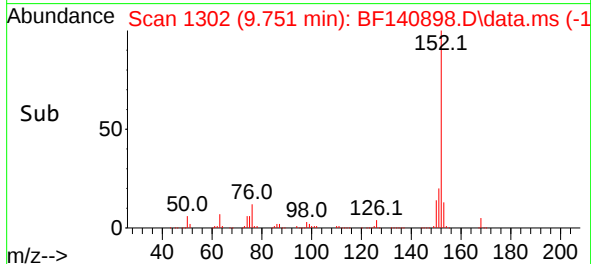
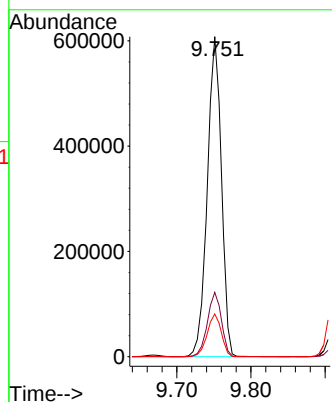
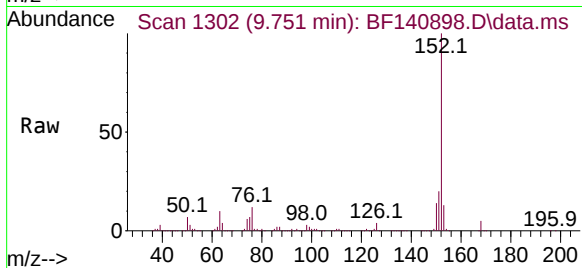
Tgt Ion:152 Resp: 803775

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 44.084 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

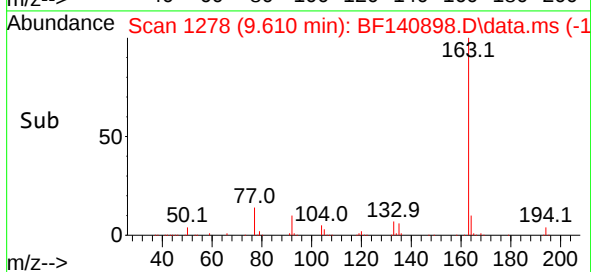
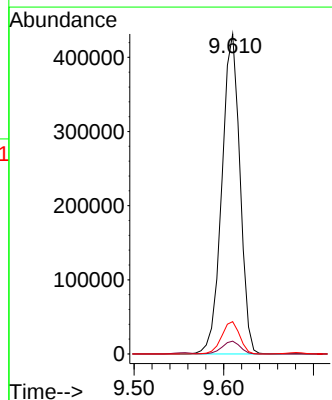
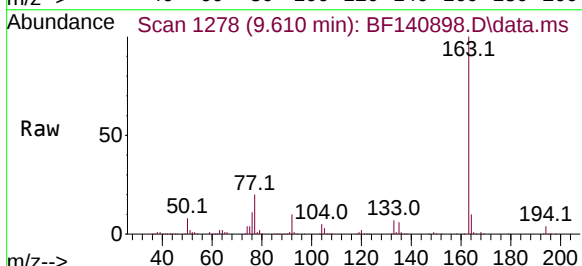
Tgt Ion:163 Resp: 603291

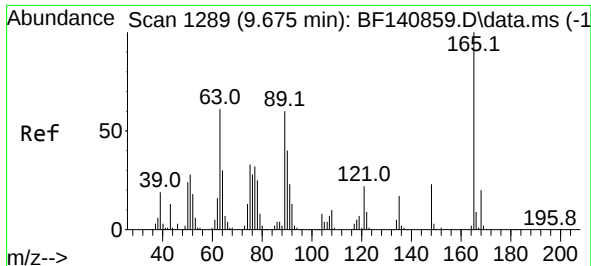
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.1 12.1

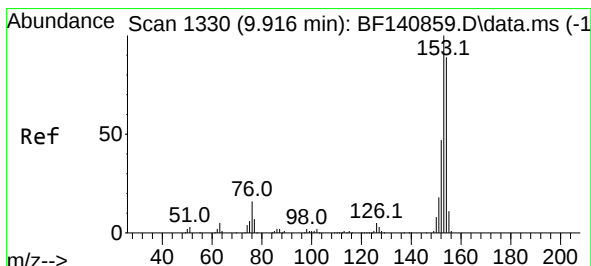
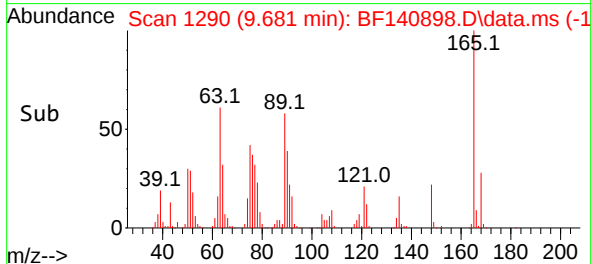
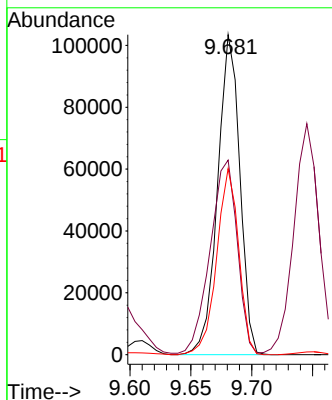
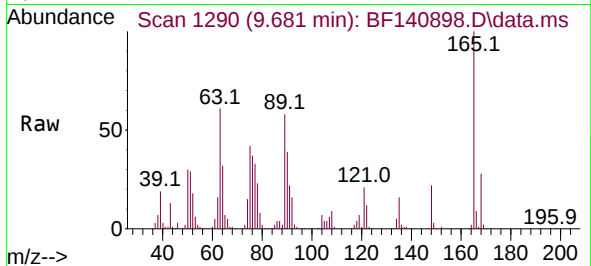




#51
2,6-Dinitrotoluene
Concen: 42.051 ng
RT: 9.681 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

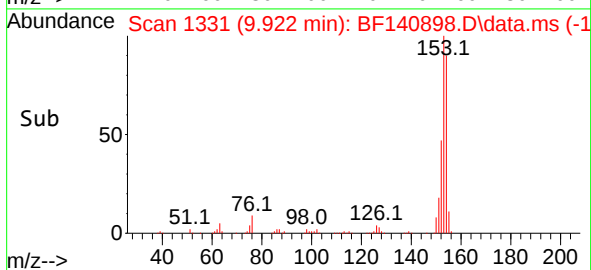
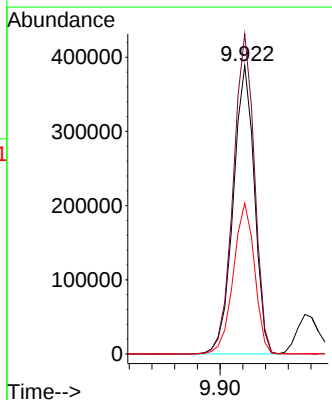
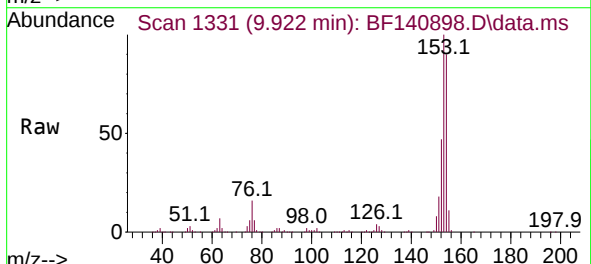
Instrument :
BNA_F
ClientSampleId :
PB165648BS

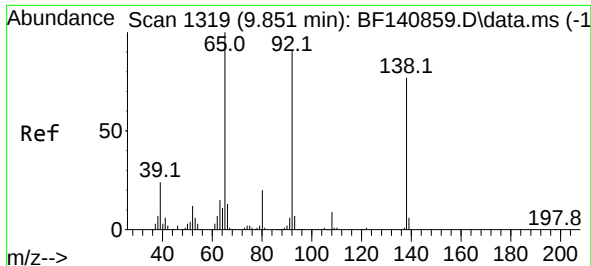
Tgt Ion:165 Resp: 131558
Ion Ratio Lower Upper
165 100
63 60.8 49.7 74.5
89 58.2 48.2 72.4



#52
Acenaphthene
Concen: 45.394 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:154 Resp: 503186
Ion Ratio Lower Upper
154 100
153 111.0 89.9 134.9
152 52.3 42.6 63.8

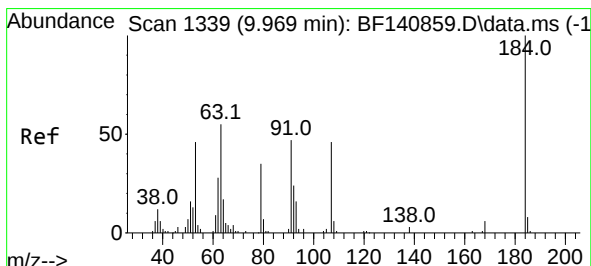
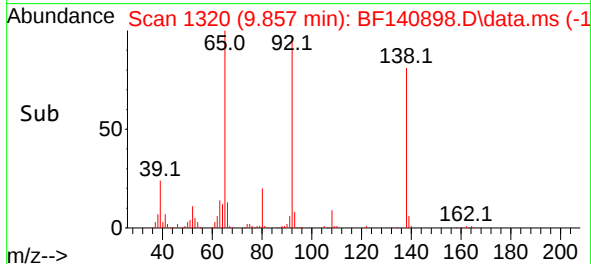
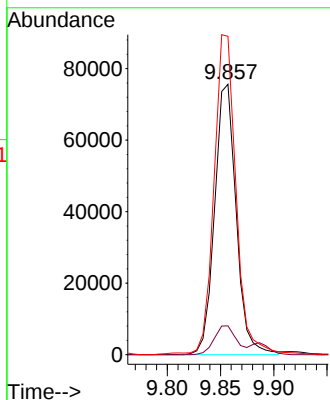
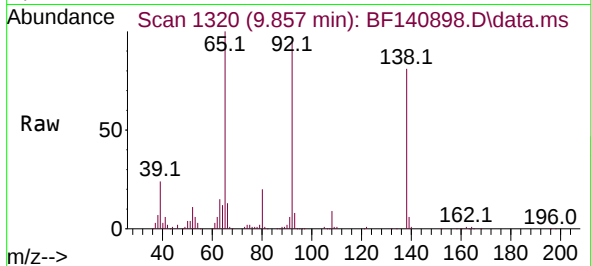




#53
3-Nitroaniline
Concen: 34.306 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

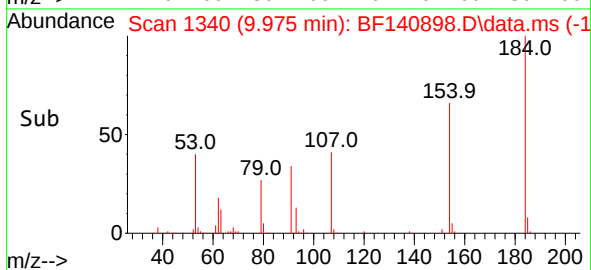
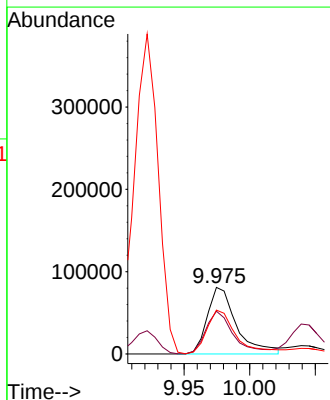
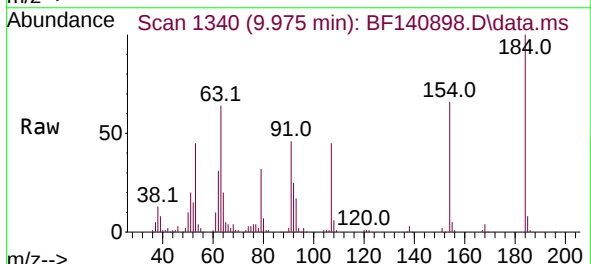
Instrument :
BNA_F
ClientSampleId :
PB165648BS

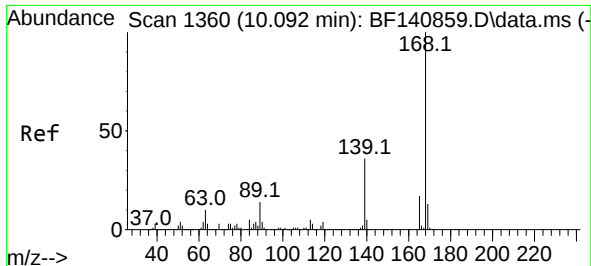
Tgt Ion:138 Resp: 106510
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 117.7 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 82.078 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:184 Resp: 125574
Ion Ratio Lower Upper
184 100
63 64.1 51.6 77.4
154 65.9 56.1 84.1

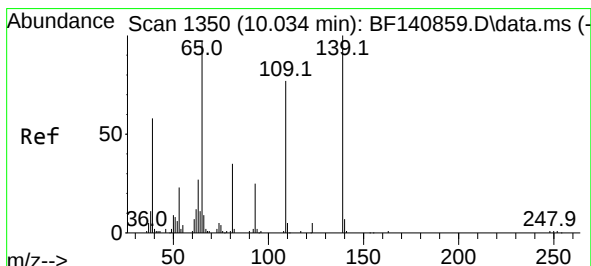
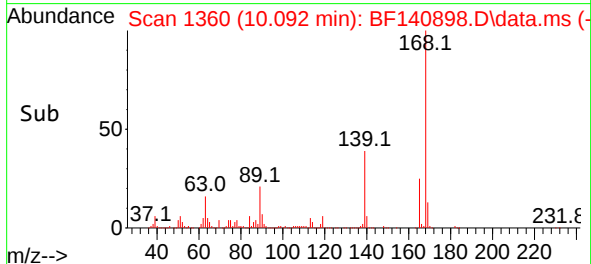
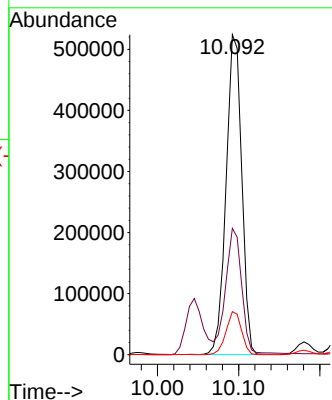
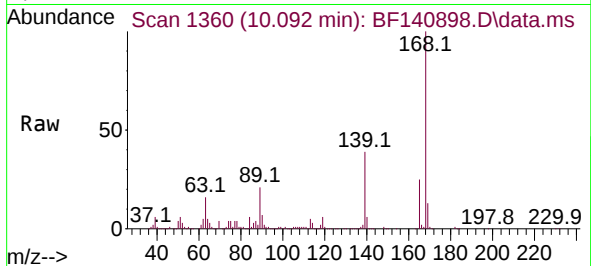




#55
Dibenzenofuran
Concen: 40.819 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

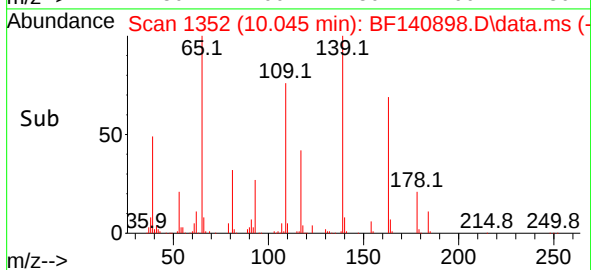
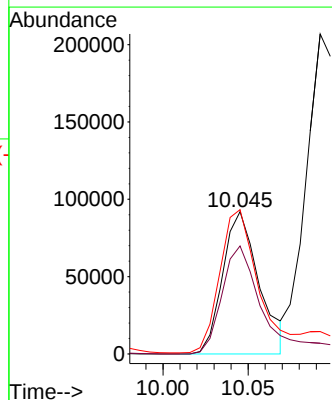
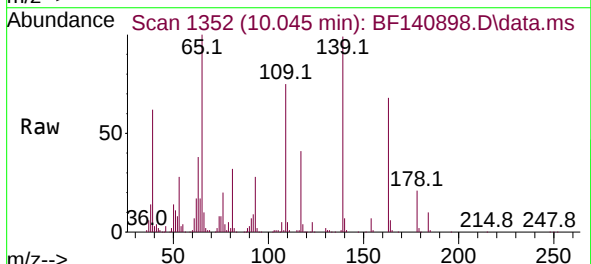
Instrument :
BNA_F
ClientSampleId :
PB165648BS

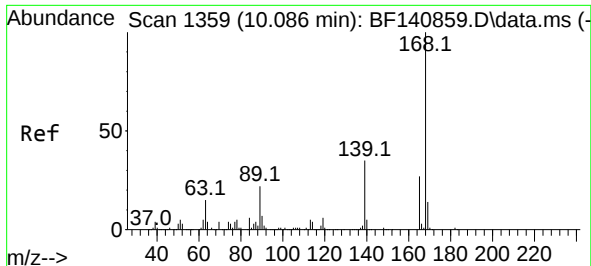
Tgt Ion:168 Resp: 701119
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 81.602 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:139 Resp: 136436
Ion Ratio Lower Upper
139 100
109 76.0 56.7 96.7
65 101.4 78.1 118.1

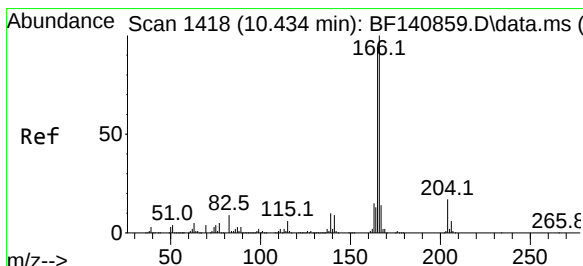
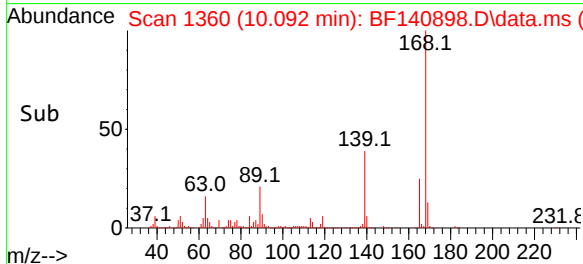
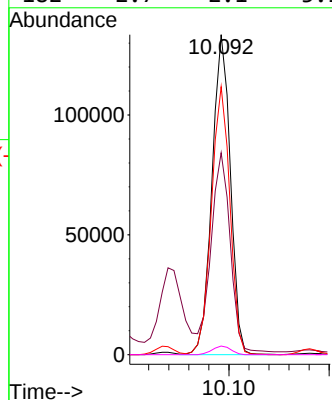
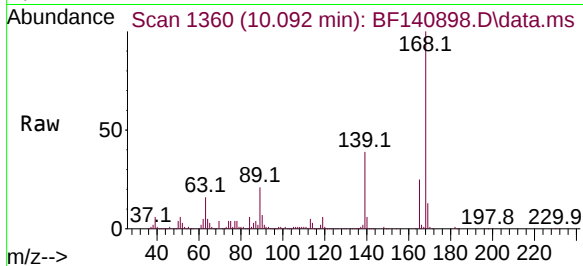




#57
2,4-Dinitrotoluene
Concen: 41.278 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

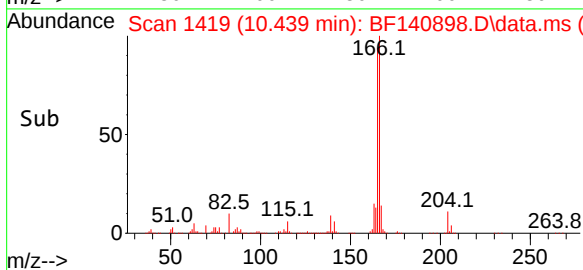
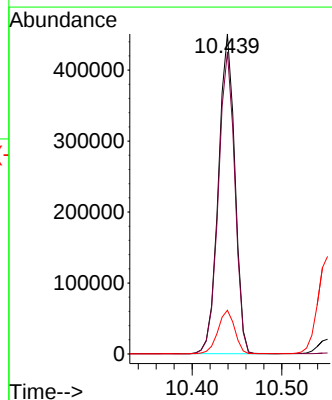
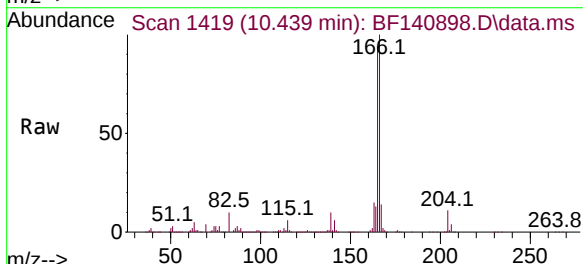
Instrument :
BNA_F
ClientSampleId :
PB165648BS

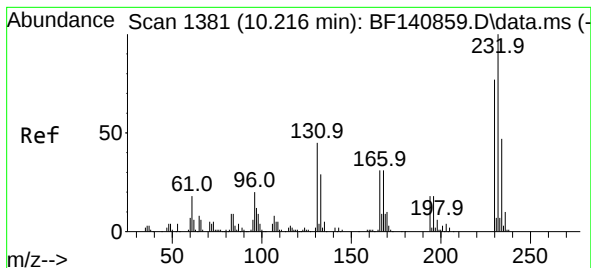
Tgt Ion:165 Resp: 169913
Ion Ratio Lower Upper
165 100
63 63.1 49.3 73.9
89 83.7 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 40.550 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:166 Resp: 574606
Ion Ratio Lower Upper
166 100
165 94.4 75.1 112.7
167 13.6 11.1 16.7

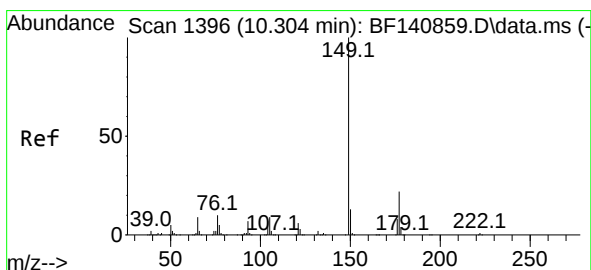
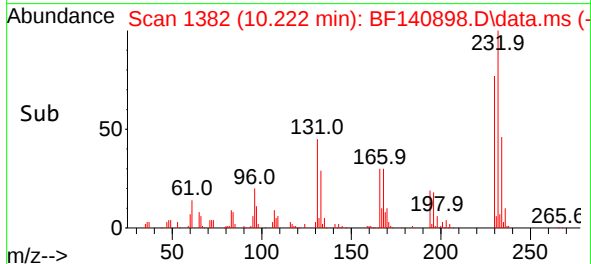
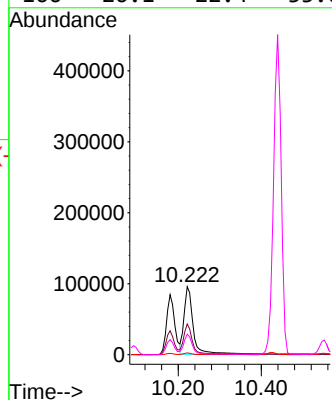
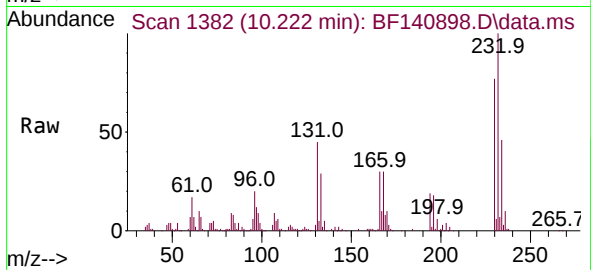




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.997 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

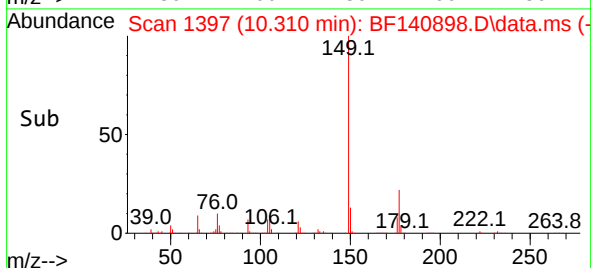
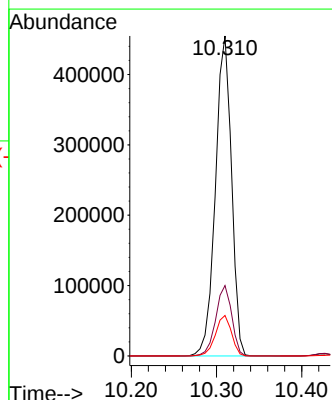
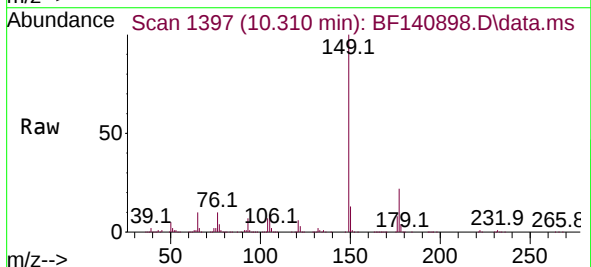
Instrument :
BNA_F
ClientSampleId :
PB165648BS

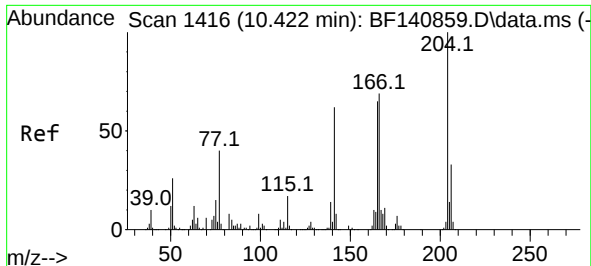
Tgt Ion:232 Resp: 147229
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.6 1.8 2.8
166 26.1 22.4 33.6



#60
Diethylphthalate
Concen: 41.942 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:149 Resp: 595197
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.7 10.1 15.1

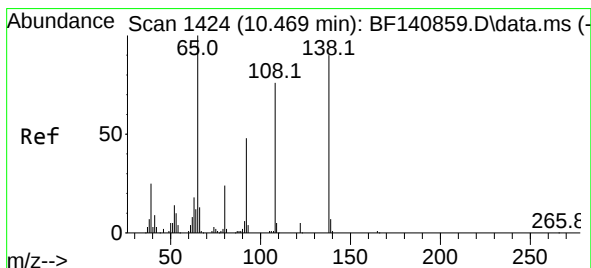
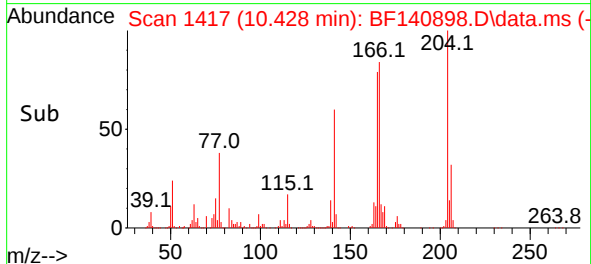
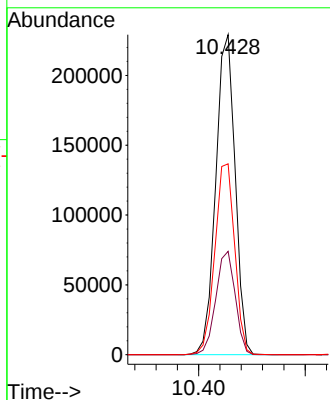
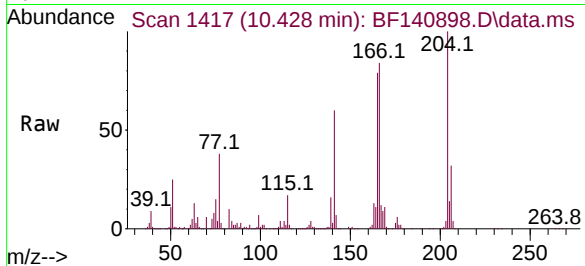




#61
4-Chlorophenyl-phenylether
Concen: 40.567 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

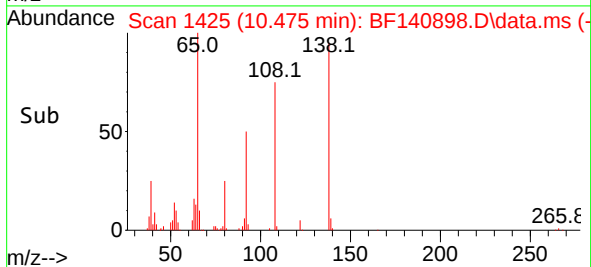
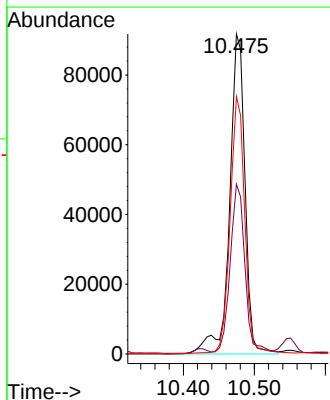
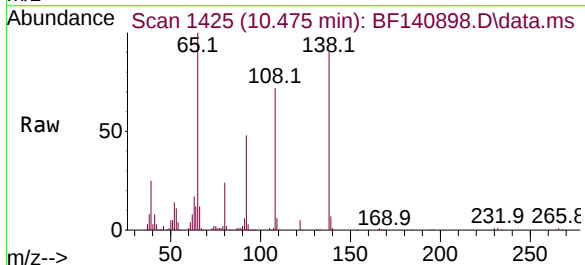
Instrument :
BNA_F
ClientSampleId :
PB165648BS

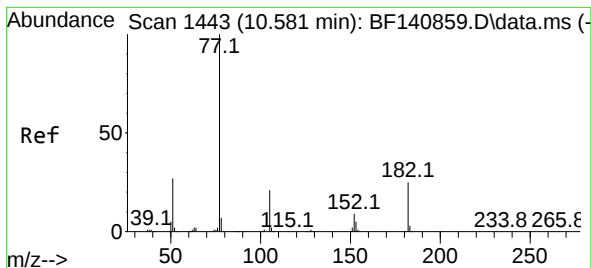
Tgt Ion:204 Resp: 288758
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 59.7 50.0 75.0



#62
4-Nitroaniline
Concen: 42.534 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:138 Resp: 137998
Ion Ratio Lower Upper
138 100
92 53.1 32.6 72.6
108 80.5 64.1 104.1





#63

Azobenzene

Concen: 42.220 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

Tgt Ion: 77 Resp: 563264

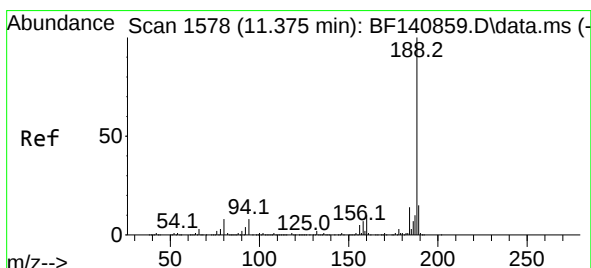
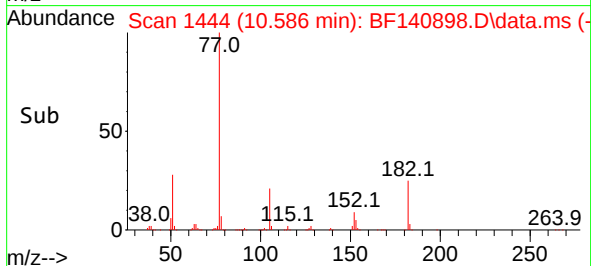
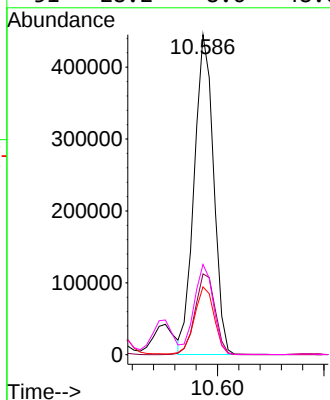
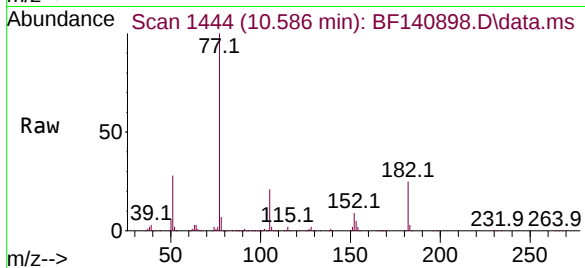
Ion Ratio Lower Upper

77 100

182 25.2 4.5 44.5

105 21.2 0.9 40.9

51 28.2 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

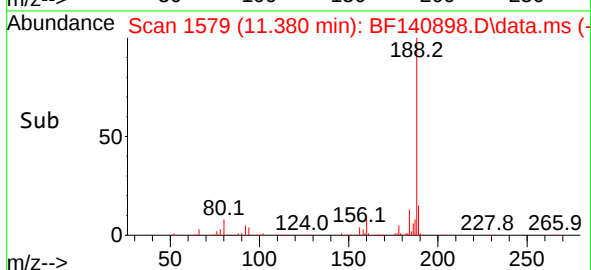
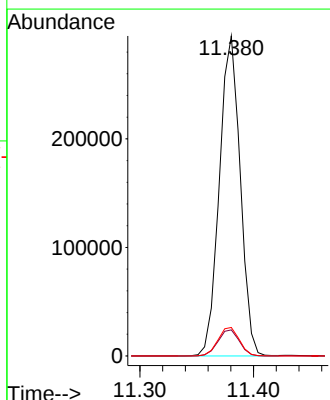
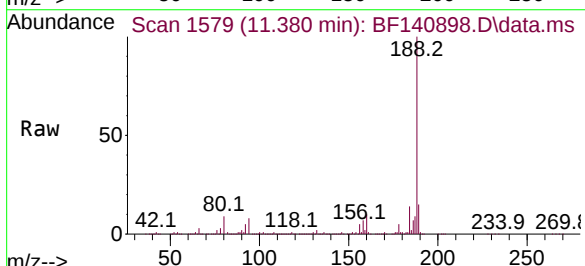
Tgt Ion: 188 Resp: 376011

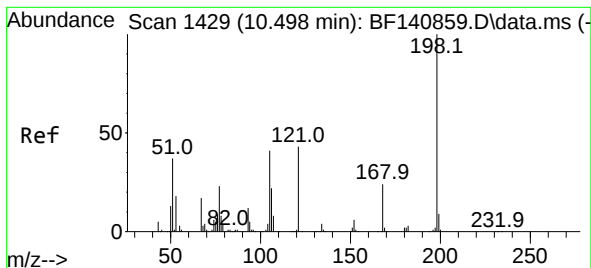
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.8 10.2

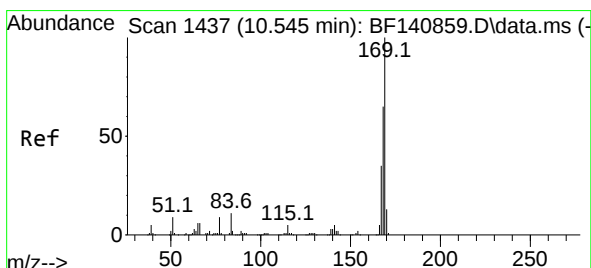
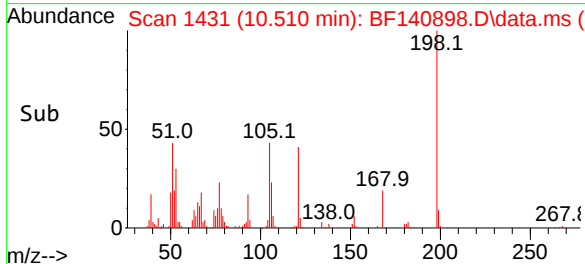
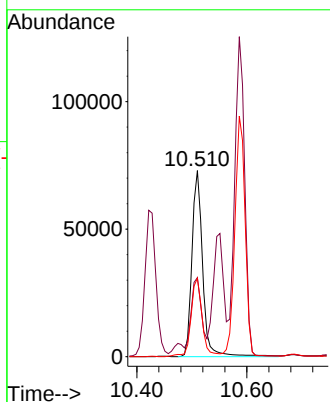
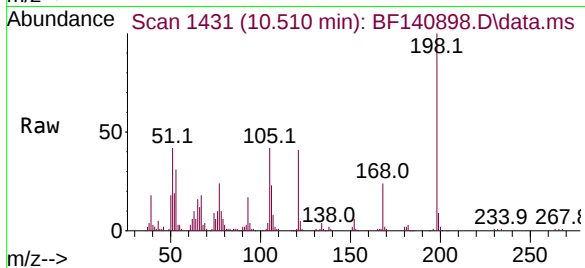




#65
4,6-Dinitro-2-methylphenol
Concen: 46.483 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

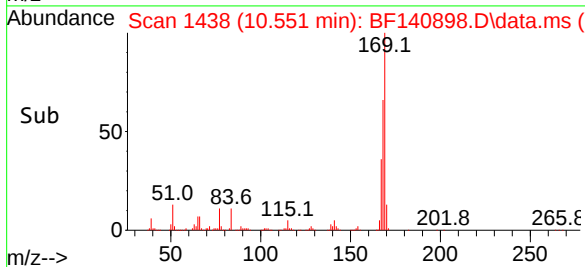
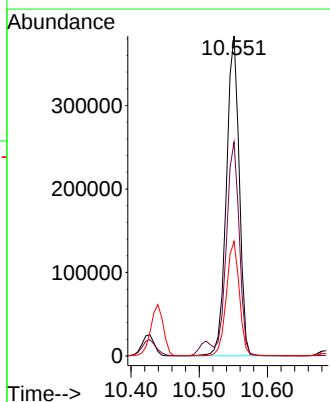
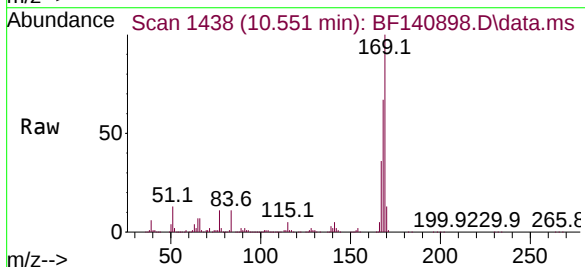
Instrument :
BNA_F
ClientSampleId :
PB165648BS

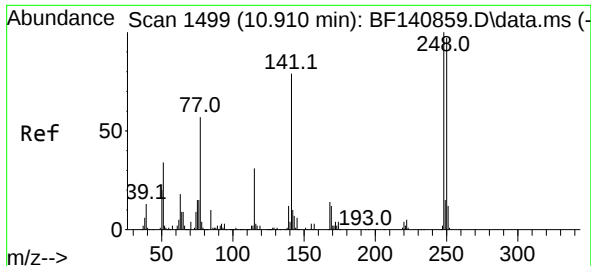
Tgt Ion:198 Resp: 99041
Ion Ratio Lower Upper
198 100
51 42.5 24.4 64.4
105 42.3 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 43.323 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:169 Resp: 500843
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.9 28.3 42.5

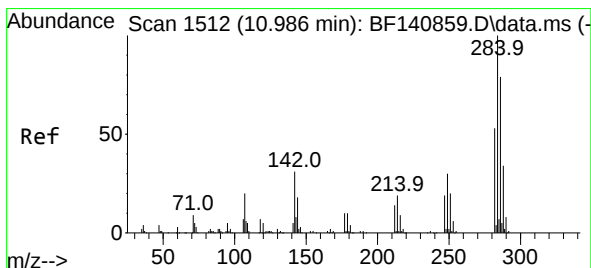
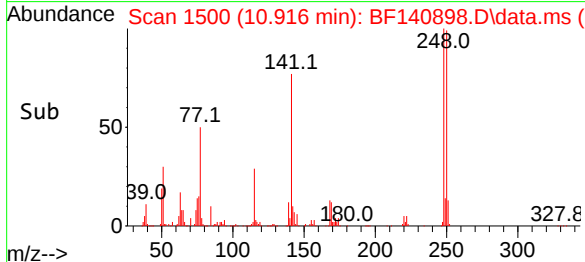
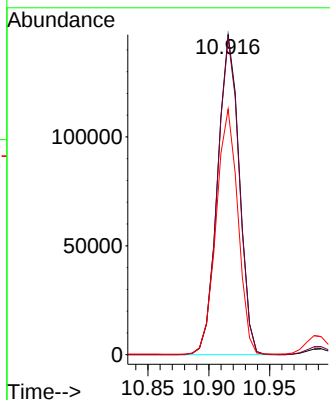
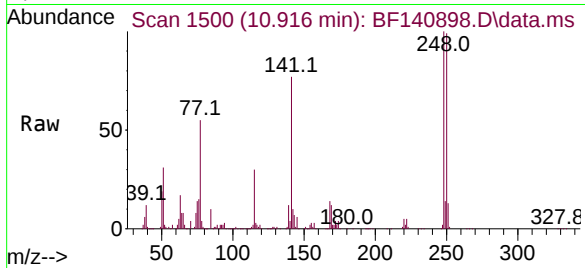




#67
4-Bromophenyl-phenylether
Concen: 43.469 ng
RT: 10.916 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

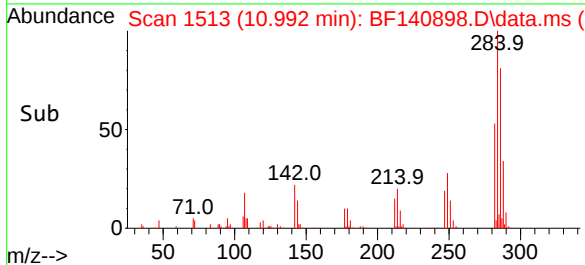
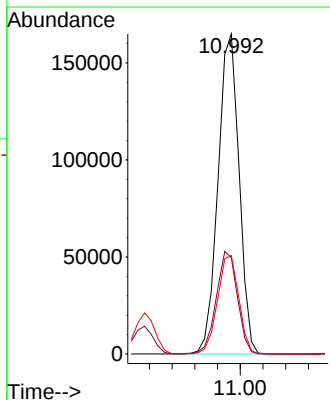
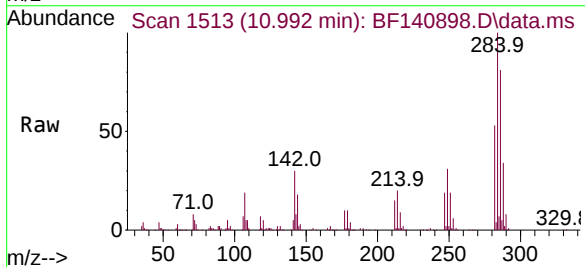
Instrument :
BNA_F
ClientSampleId :
PB165648BS

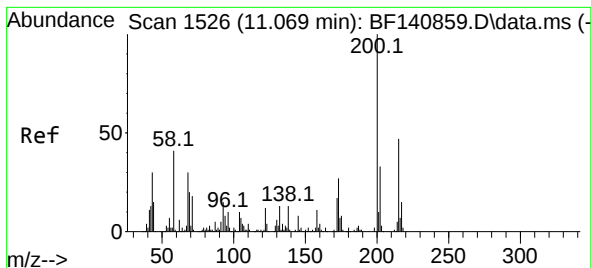
Tgt Ion:248 Resp: 182852
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 76.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 44.545 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:284 Resp: 212451
Ion Ratio Lower Upper
284 100
142 30.1 24.6 36.8
249 30.7 24.3 36.5





#69

Atrazine

Concen: 56.175 ng

RT: 11.080 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

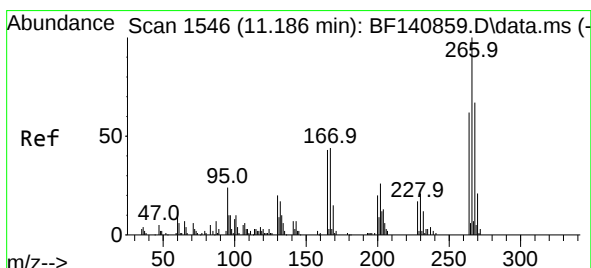
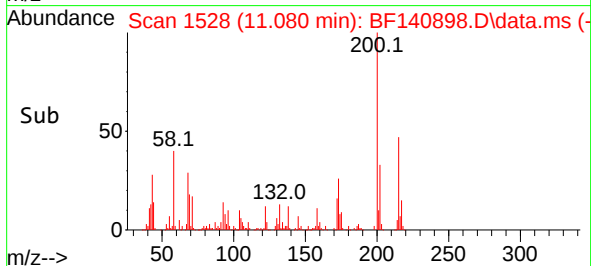
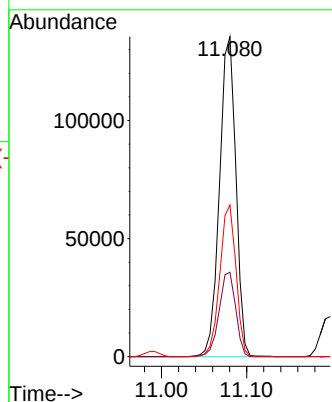
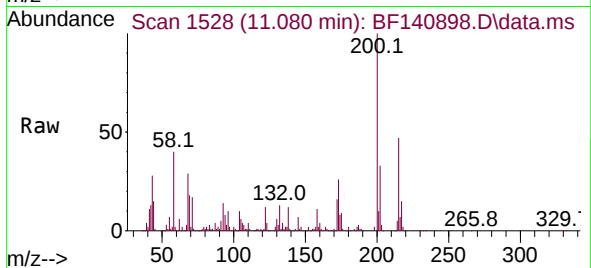
Tgt Ion:200 Resp: 181375

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 47.4 26.7 66.7



#70

Pentachlorophenol

Concen: 86.424 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

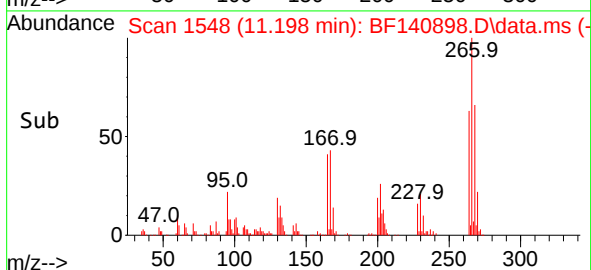
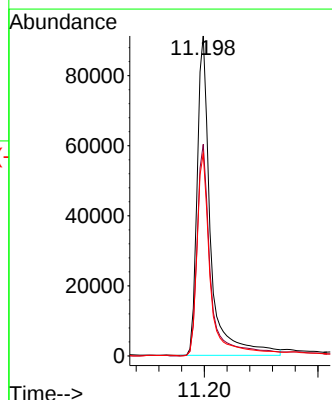
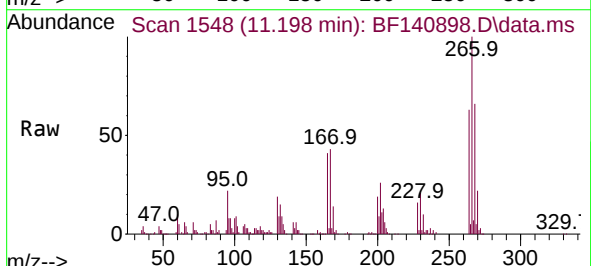
Tgt Ion:266 Resp: 150698

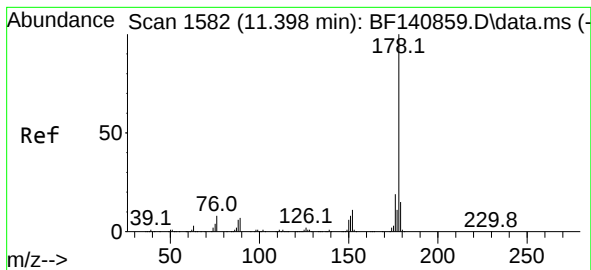
Ion Ratio Lower Upper

266 100

268 66.2 54.0 81.0

264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 45.121 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

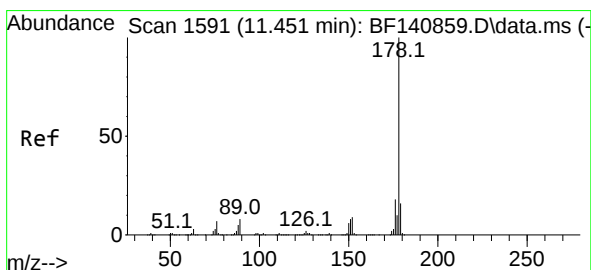
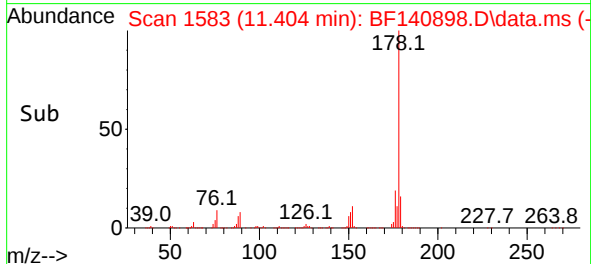
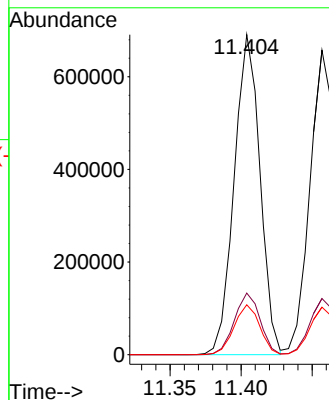
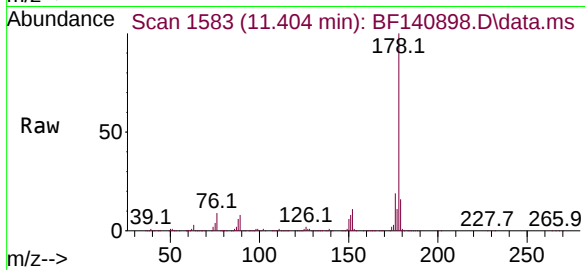
Tgt Ion:178 Resp: 872468

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 43.744 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

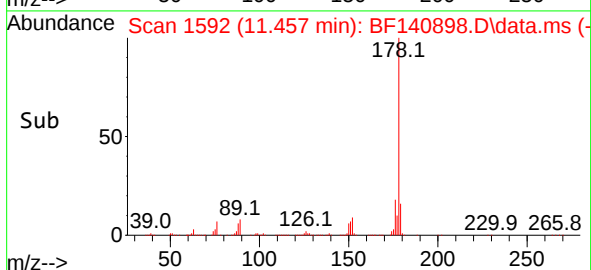
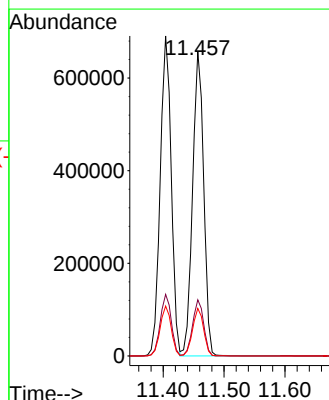
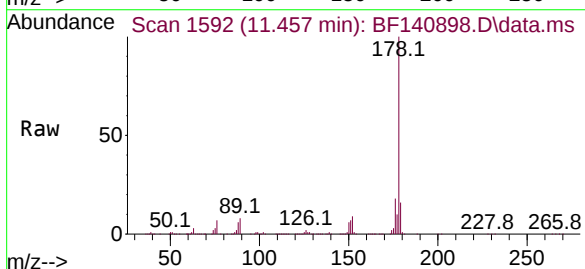
Tgt Ion:178 Resp: 832992

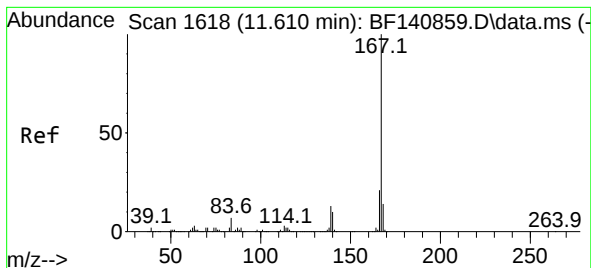
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 42.479 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

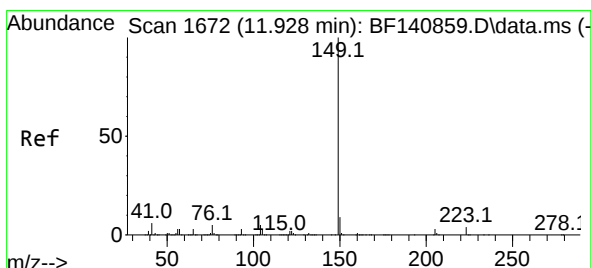
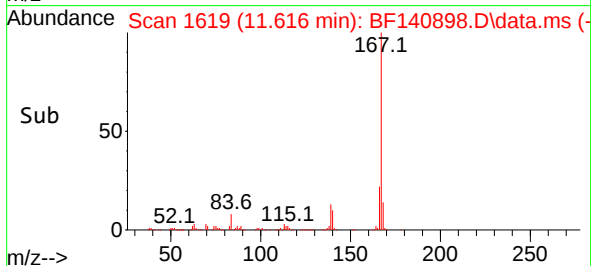
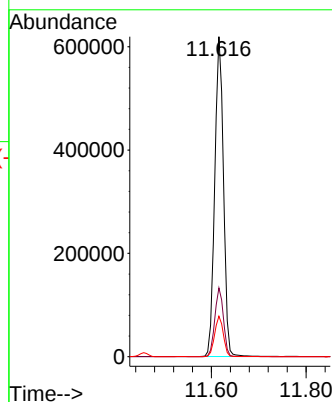
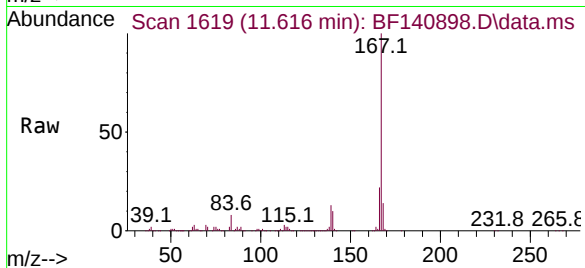
Tgt Ion:167 Resp: 792291

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 44.316 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

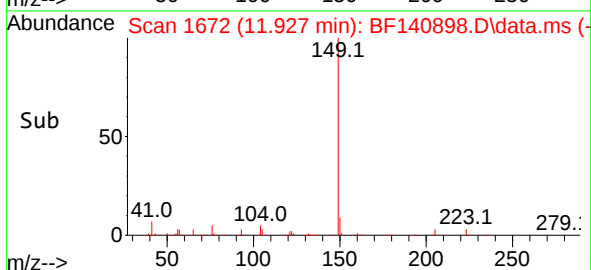
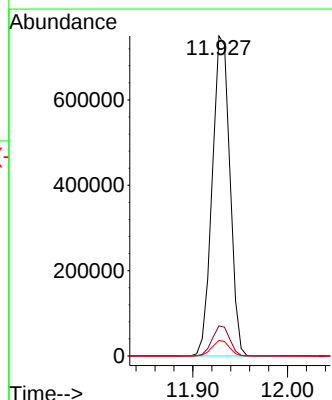
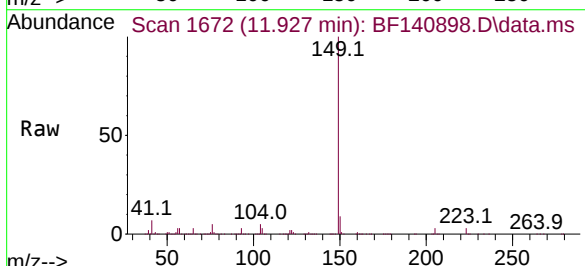
Tgt Ion:149 Resp: 970067

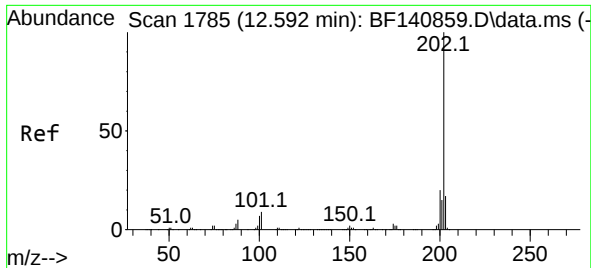
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 3.8 5.8

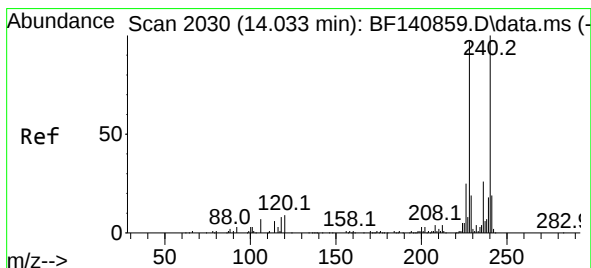
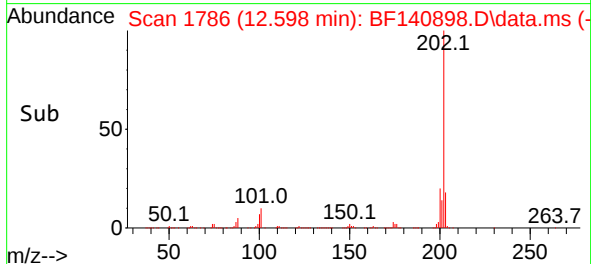
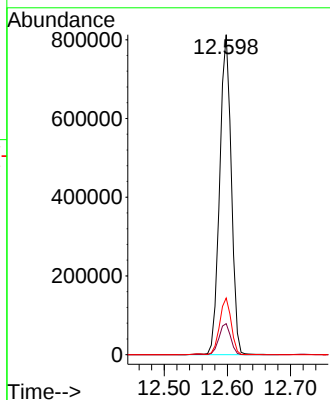
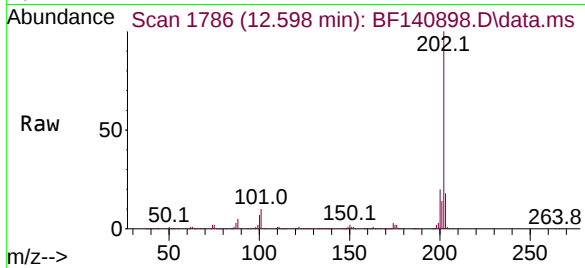




#75
Fluoranthene
Concen: 46.697 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

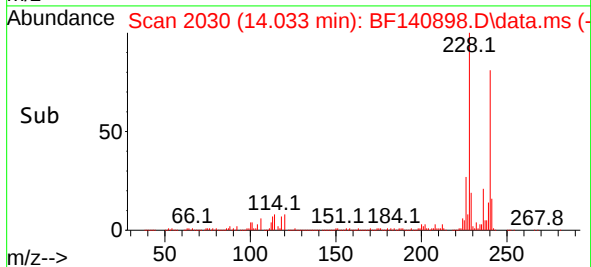
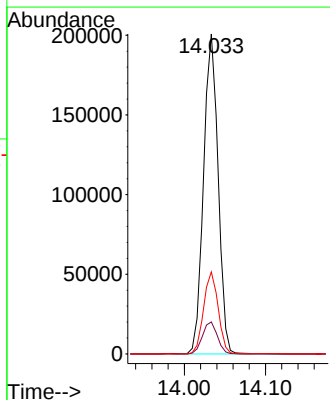
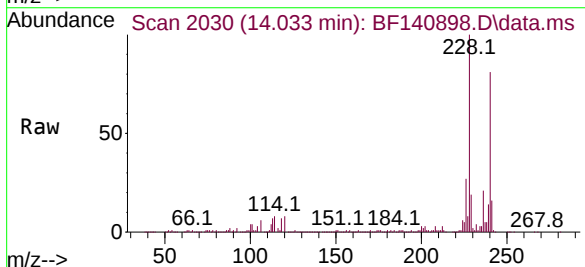
Instrument :
BNA_F
ClientSampleId :
PB165648BS

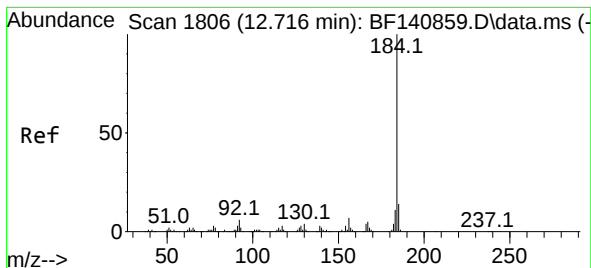
Tgt Ion:202 Resp: 1039886
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:240 Resp: 249574
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.6 20.5 30.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

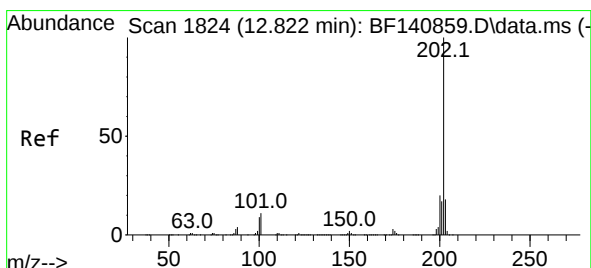
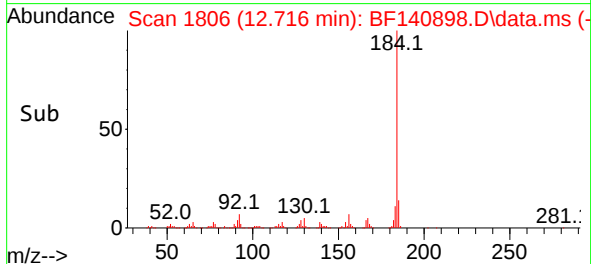
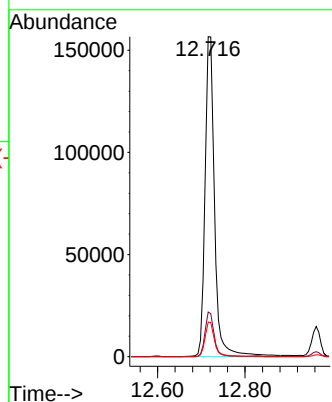
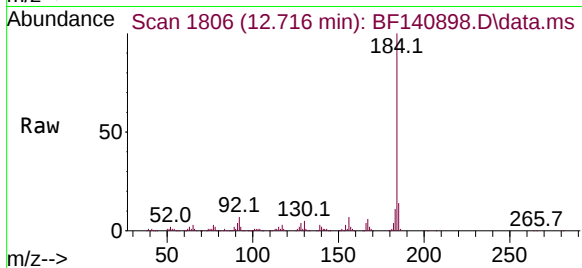
Tgt Ion:184 Resp: 238801

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 10.8 9.0 13.4



#78

Pyrene

Concen: 44.386 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

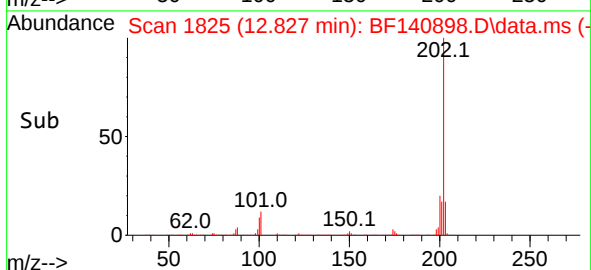
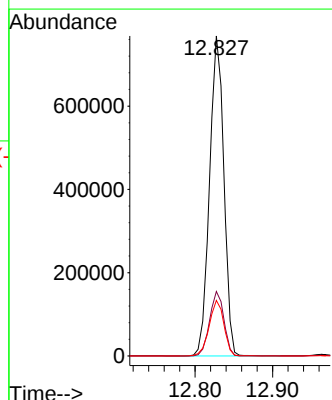
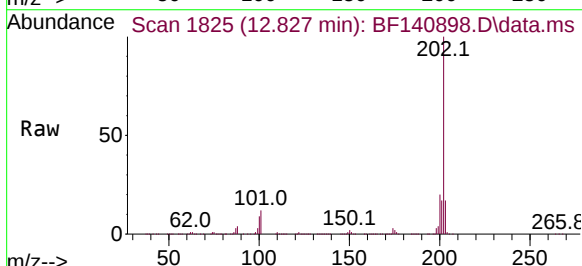
Tgt Ion:202 Resp: 985093

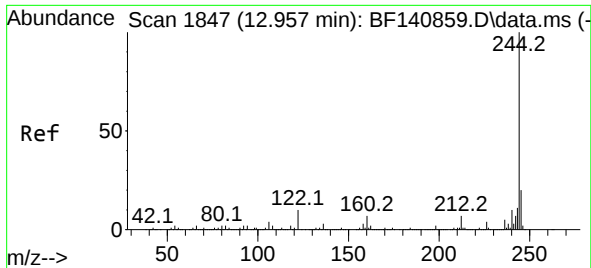
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.4 14.2 21.4

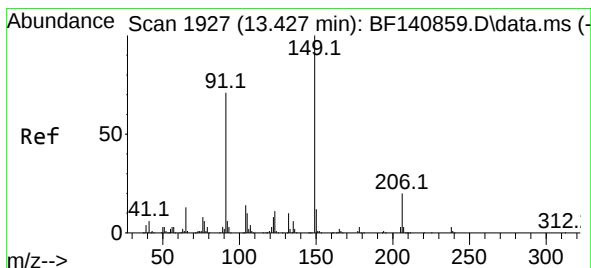
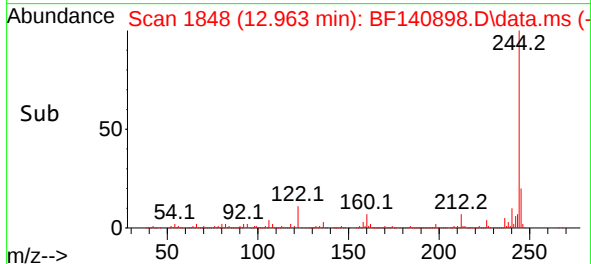
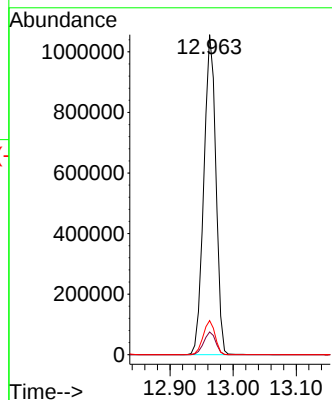
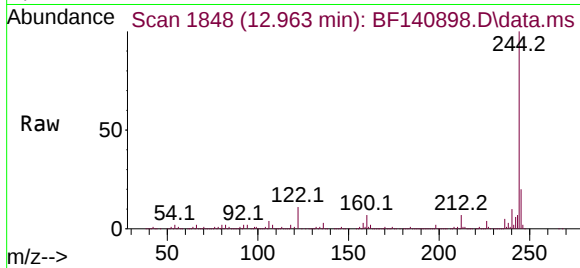




#79
 Terphenyl-d14
 Concen: 88.651 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

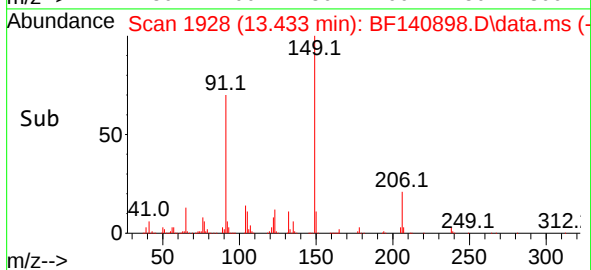
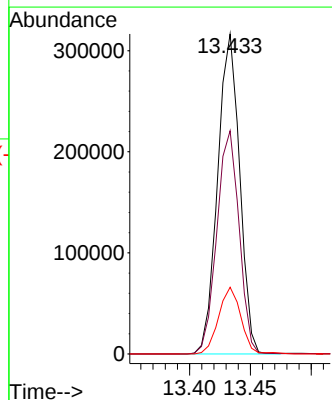
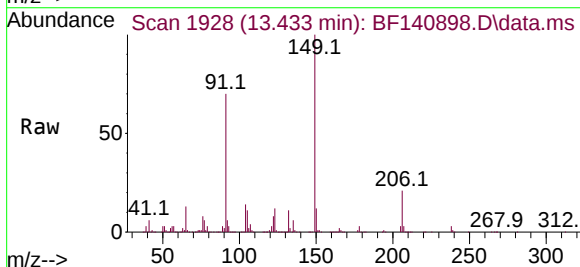
Instrument :
 BNA_F
 ClientSampleId :
 PB165648BS

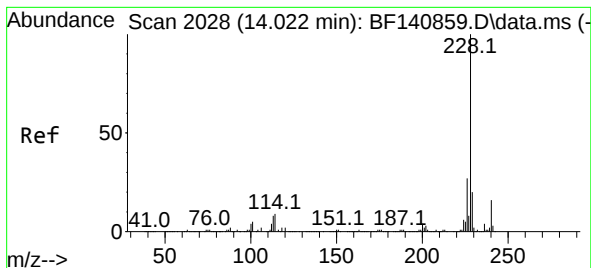
Tgt Ion:244 Resp: 1403097
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.845 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140898.D
 Acq: 18 Dec 2024 11:53

Tgt Ion:149 Resp: 398878
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.7 85.1
 206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 47.591 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

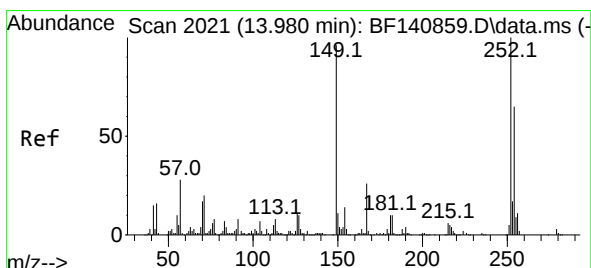
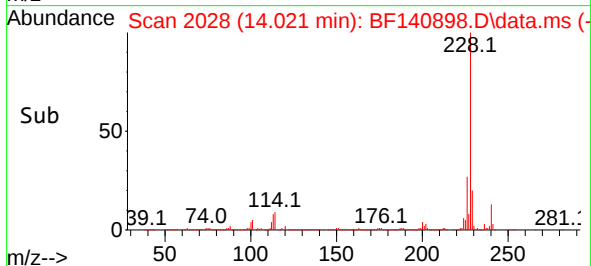
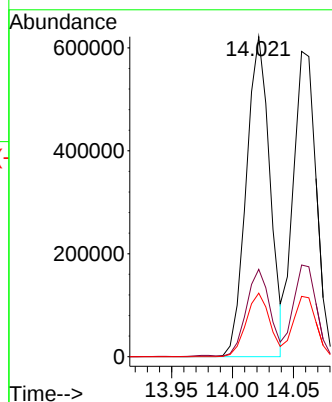
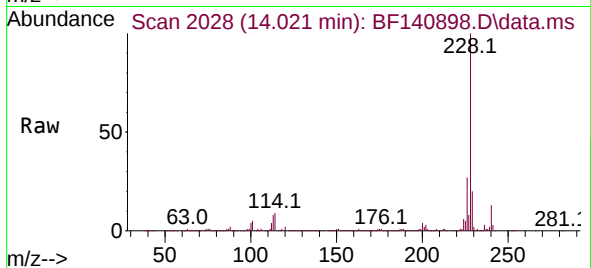
Tgt Ion:228 Resp: 841790

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 33.686 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

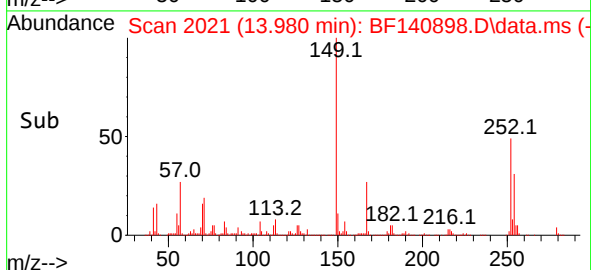
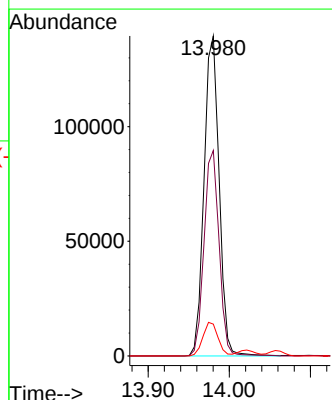
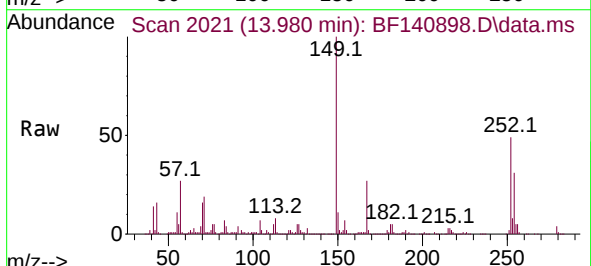
Tgt Ion:252 Resp: 179767

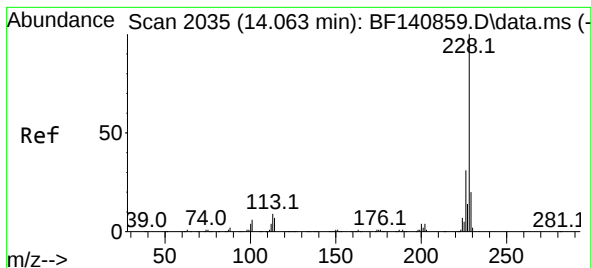
Ion Ratio Lower Upper

252 100

254 64.2 52.3 78.5

126 10.0 8.4 12.6





#83

Chrysene

Concen: 48.257 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

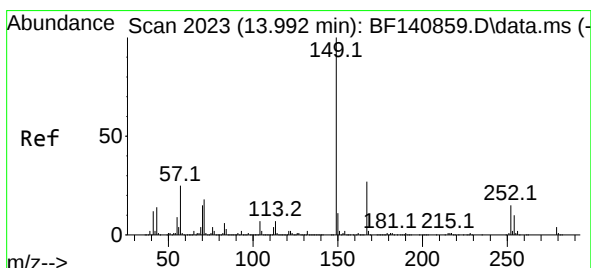
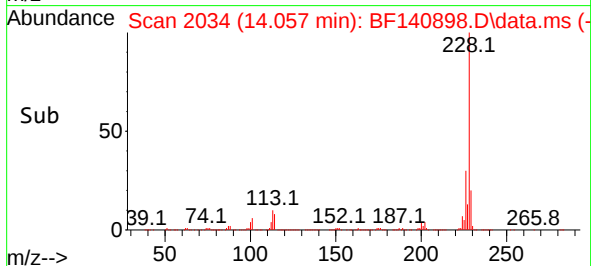
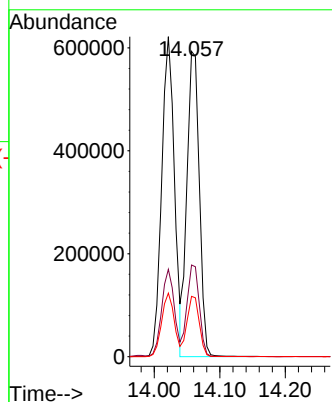
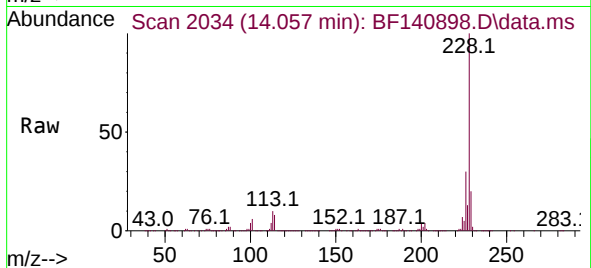
Tgt Ion:228 Resp: 776184

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.767 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

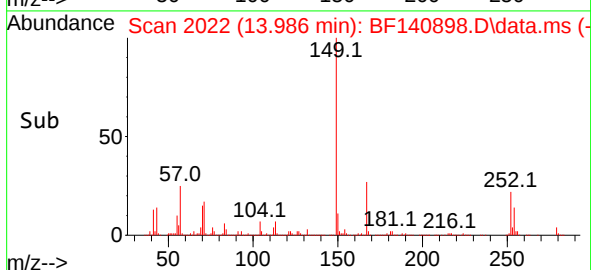
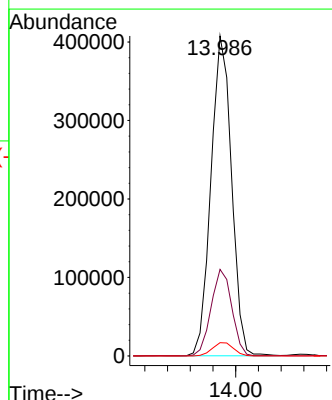
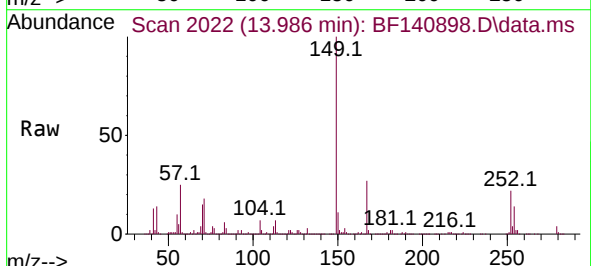
Tgt Ion:149 Resp: 513500

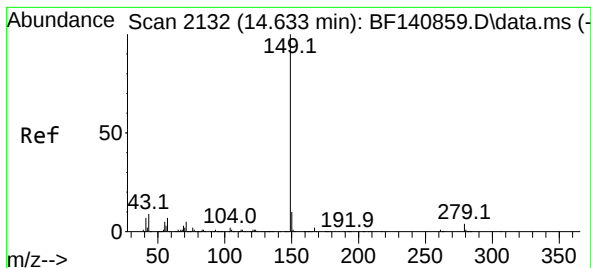
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.927 ng

RT: 14.610 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

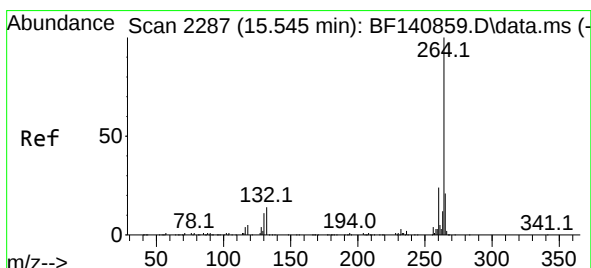
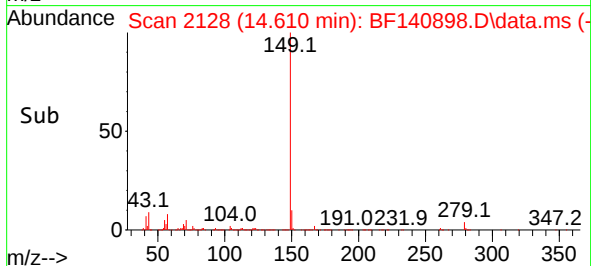
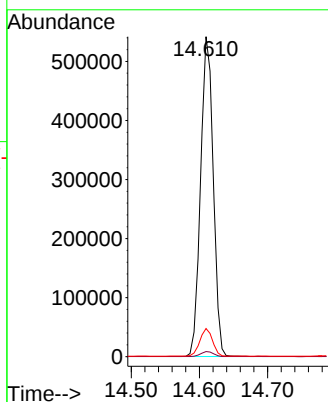
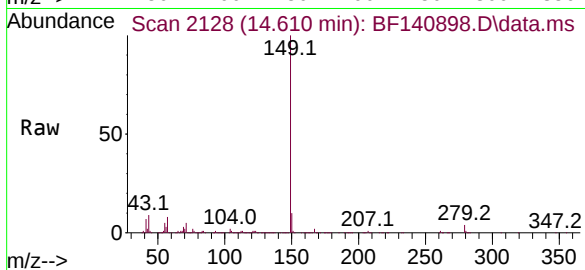
Tgt Ion:149 Resp: 699770

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

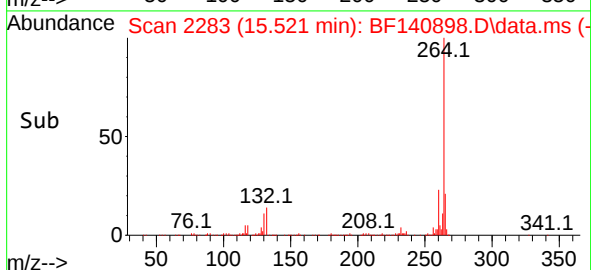
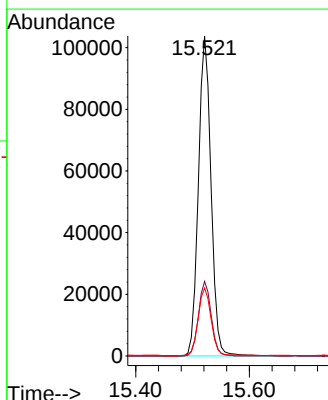
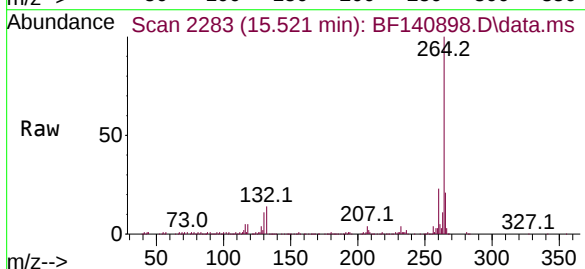
Tgt Ion:264 Resp: 160098

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.066 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

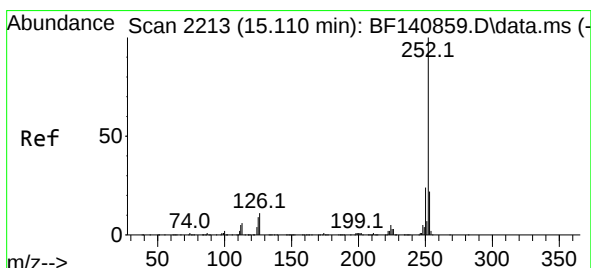
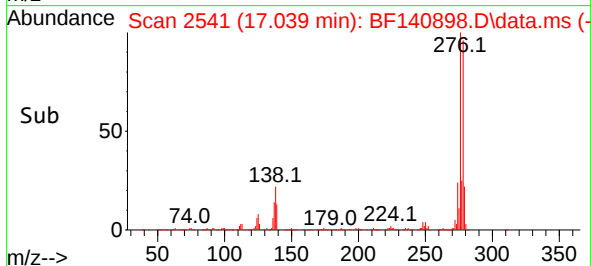
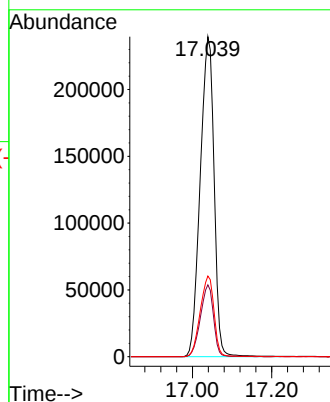
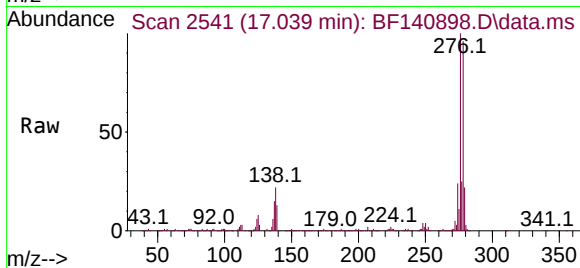
Tgt Ion:276 Resp: 580122

Ion Ratio Lower Upper

276 100

138 21.1 16.9 25.3

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.943 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

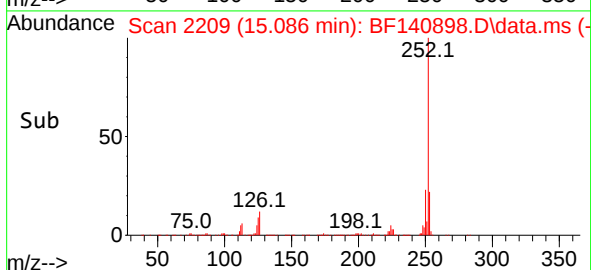
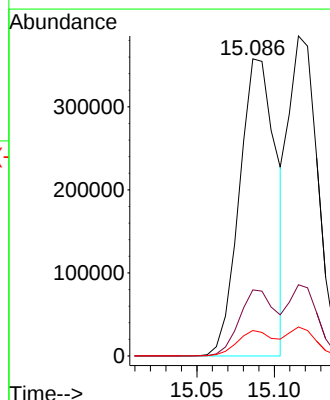
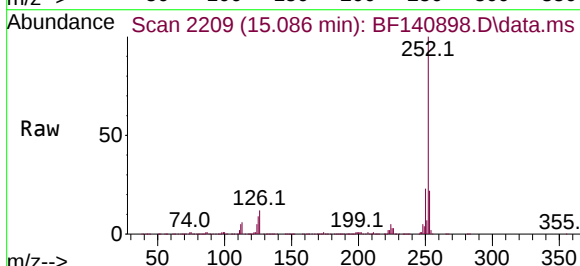
Tgt Ion:252 Resp: 588364

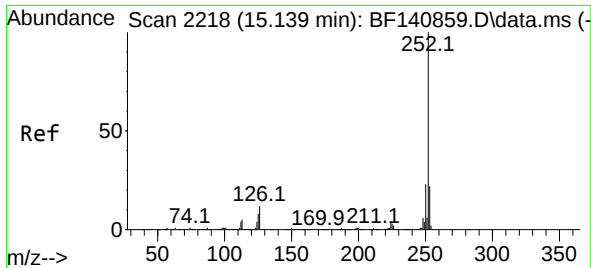
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.6 7.0 10.4

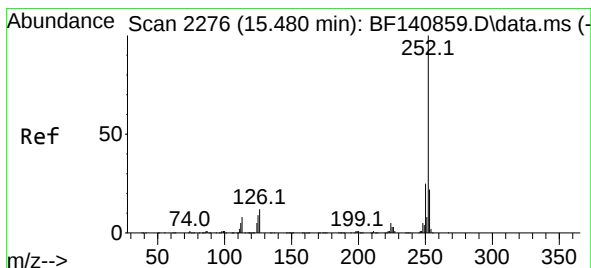
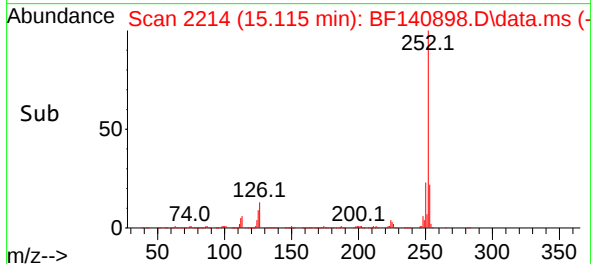
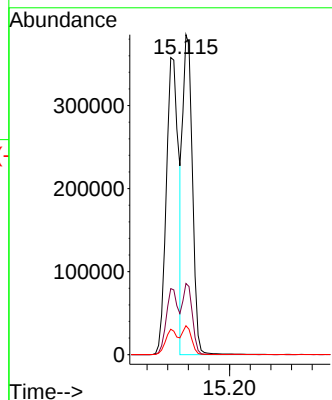
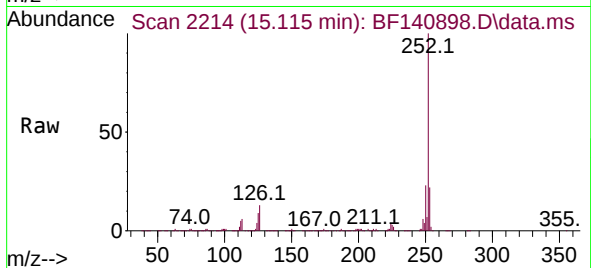




#89
Benzo(k)fluoranthene
Concen: 52.778 ng
RT: 15.115 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

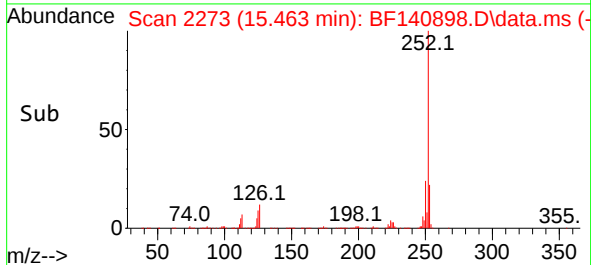
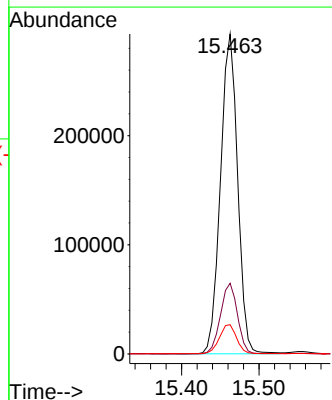
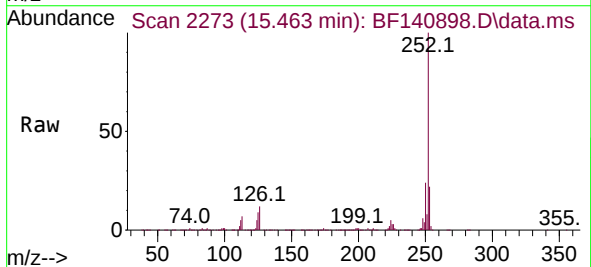
Instrument :
BNA_F
ClientSampleId :
PB165648BS

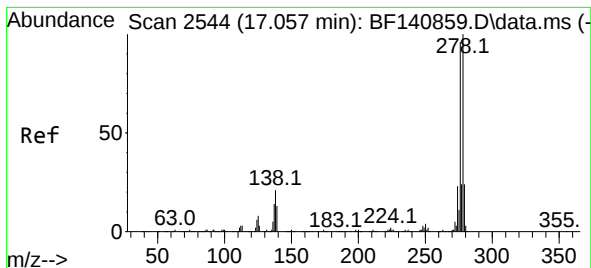
Tgt Ion:252 Resp: 503122
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.0 6.8 10.2



#90
Benzo(a)pyrene
Concen: 51.845 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.018 min
Lab File: BF140898.D
Acq: 18 Dec 2024 11:53

Tgt Ion:252 Resp: 451158
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.2 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 57.663 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB165648BS

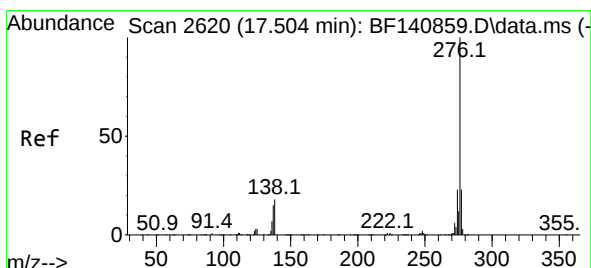
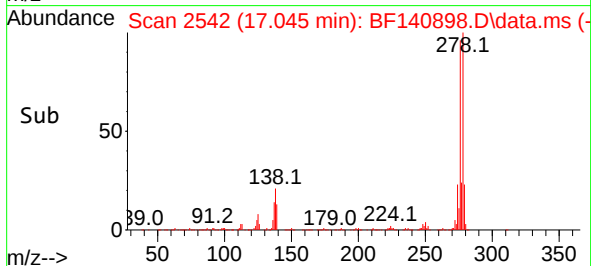
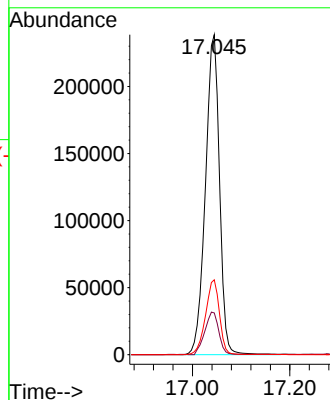
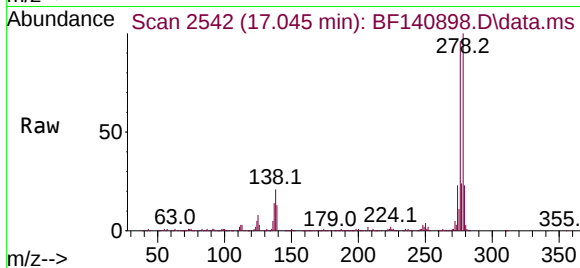
Tgt Ion:278 Resp: 477268

Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

279 23.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 55.195 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF140898.D

Acq: 18 Dec 2024 11:53

Tgt Ion:276 Resp: 464957

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.0 14.2 21.2

