

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140910.D
 Acq On : 18 Dec 2024 17:12
 Operator : RC/JU
 Sample : P5277-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1AMSD

Quant Time: Dec 18 18:05:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	72196	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	286565	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159772	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	297605	20.000	ng	0.00
76) Chrysene-d12	14.027	240	174501	20.000	ng	0.00
86) Perylene-d12	15.510	264	150856	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	412800	94.125	ng	0.00
7) Phenol-d6	6.498	99	584421	100.609	ng	0.00
23) Nitrobenzene-d5	7.416	82	364156	63.578	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	187973	99.475	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	756115	65.064	ng	0.00
79) Terphenyl-d14	12.957	244	791563	71.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	63566	33.650	ng	98
3) Pyridine	3.434	79	165834	37.907	ng	99
4) n-Nitrosodimethylamine	3.381	42	81857	37.116	ng	94
6) Aniline	6.516	93	183874	37.022	ng	# 77
8) 2-Chlorophenol	6.645	128	237885	49.740	ng	100
9) Benzaldehyde	6.404	77	50112	15.569	ng	98
10) Phenol	6.516	94	311927	51.811	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	216229	48.160	ng	99
12) 1,3-Dichlorobenzene	6.787	146	238285	43.725	ng	98
13) 1,4-Dichlorobenzene	6.863	146	250496	45.283	ng	98
14) 1,2-Dichlorobenzene	7.016	146	243317	46.619	ng	99
15) Benzyl Alcohol	6.998	79	224390	54.026	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	258176	48.813	ng	86
17) 2-Methylphenol	7.116	107	185495	48.580	ng	98
18) Hexachloroethane	7.351	117	90163	43.782	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	173646	49.835	ng	98
20) 3+4-Methylphenols	7.275	107	261175	51.583	ng	# 76
22) Acetophenone	7.263	105	338097	47.164	ng	96
24) Nitrobenzene	7.434	77	253408	43.186	ng	96
25) Isophorone	7.675	82	441297	45.982	ng	99
26) 2-Nitrophenol	7.751	139	124090	45.916	ng	97
27) 2,4-Dimethylphenol	7.792	122	178152	56.446	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	276025	46.049	ng	100
29) 2,4-Dichlorophenol	8.004	162	206572	47.407	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	209439	41.929	ng	100
31) Naphthalene	8.151	128	718593	45.650	ng	100
32) Benzoic acid	7.945	122	119256	39.841	ng	97
33) 4-Chloroaniline	8.210	127	97796	18.706	ng	96
34) Hexachlorobutadiene	8.263	225	141949	42.238	ng	100
35) Caprolactam	8.592	113	47885	36.913	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	222440	45.356	ng	99
37) 2-Methylnaphthalene	8.845	142	462320	44.399	ng	100
38) 1-Methylnaphthalene	8.939	142	438214	42.553	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	229788	46.792	ng	99
41) Hexachlorocyclopentadiene	8.992	237	85058	59.006	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	141737	47.136	ng	99

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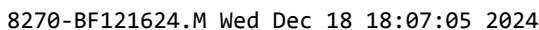
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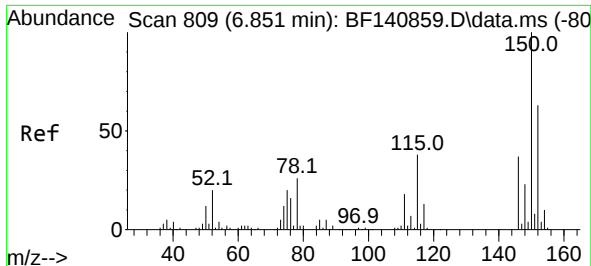
Quant Time: Dec 18 18:05:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	152471	46.132	ng	99
46) 1,1'-Biphenyl	9.304	154	604700	47.596	ng	99
47) 2-Chloronaphthalene	9.333	162	454352	46.747	ng	99
48) 2-Nitroaniline	9.439	65	145755	49.655	ng	97
49) Acenaphthylene	9.751	152	729343	51.063	ng	100
50) Dimethylphthalate	9.604	163	550494	48.871	ng	99
51) 2,6-Dinitrotoluene	9.681	165	120943	46.966	ng	95
52) Acenaphthene	9.922	154	435991	47.786	ng	99
53) 3-Nitroaniline	9.851	138	71643	28.035	ng	98
54) 2,4-Dinitrophenol	9.975	184	106643	84.477	ng	96
55) Dibenzofuran	10.092	168	664321	46.988	ng	100
56) 4-Nitrophenol	10.039	139	114518	83.125	ng	95
57) 2,4-Dinitrotoluene	10.092	165	156673	46.241	ng	99
58) Fluorene	10.439	166	549228	47.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	134641	49.994	ng	95
60) Diethylphthalate	10.304	149	542825	46.472	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	275805	47.074	ng	98
62) 4-Nitroaniline	10.475	138	121870	45.636	ng	95
63) Azobenzene	10.586	77	571243	52.020	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	85133	50.482	ng	97
66) n-Nitrosodiphenylamine	10.545	169	480286	52.490	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	152167	45.704	ng	98
68) Hexachlorobenzene	10.986	284	171984	45.561	ng	98
69) Atrazine	11.075	200	151118	59.135	ng	99
70) Pentachlorophenol	11.192	266	121877	88.310	ng	98
71) Phenanthrene	11.404	178	767681	50.162	ng	99
72) Anthracene	11.457	178	794007	52.683	ng	99
73) Carbazole	11.616	167	693535	46.980	ng	99
74) Di-n-butylphthalate	11.927	149	849944	49.058	ng	100
75) Fluoranthene	12.592	202	800765	45.433	ng	99
77) Benzidine	12.716	184	211228	59.309	ng	100
78) Pyrene	12.827	202	809838	52.188	ng	99
80) Butylbenzylphthalate	13.427	149	276908	48.498	ng	99
81) Benzo(a)anthracene	14.016	228	613436	49.601	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	107611	28.840	ng	99
83) Chrysene	14.057	228	507901	45.162	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	398277	54.097	ng	100
85) Di-n-octyl phthalate	14.604	149	668869	60.051	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	526943	55.974	ng	99
88) Benzo(b)fluoranthene	15.080	252	555365	53.035	ng	100
89) Benzo(k)fluoranthene	15.104	252	502785	55.973	ng	99
90) Benzo(a)pyrene	15.451	252	425179	51.853	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	443997	56.930	ng	99
92) Benzo(g,h,i)perylene	17.474	276	341863	43.069	ng	100

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

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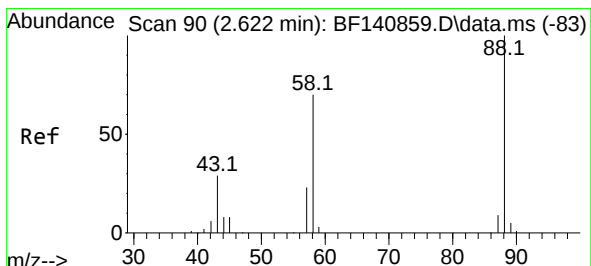
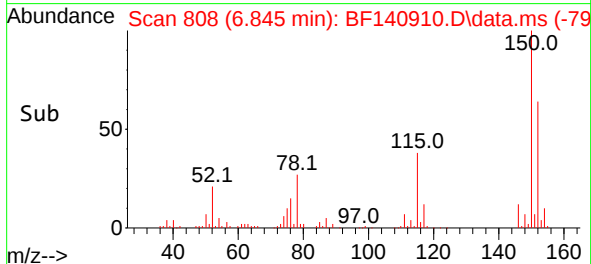
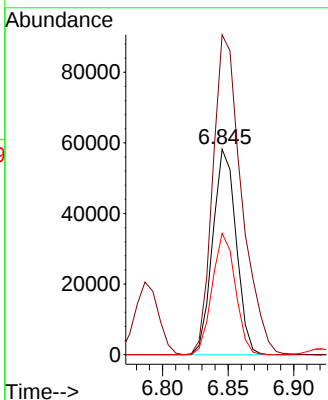
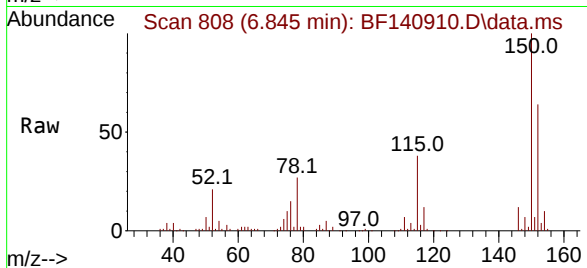




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

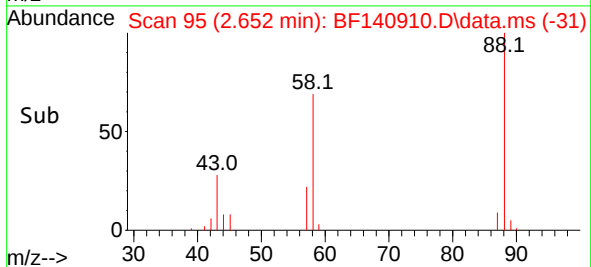
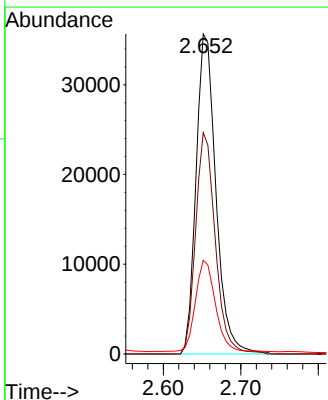
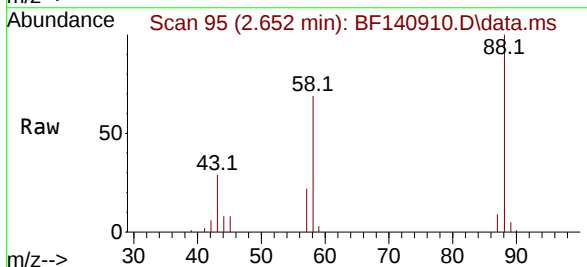
Instrument :
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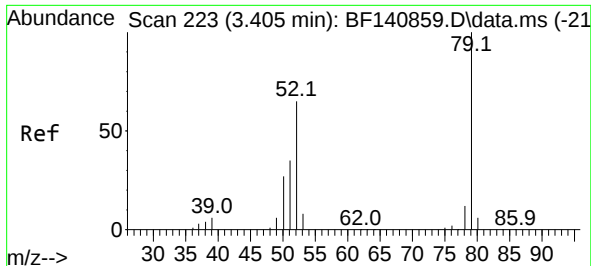
Tgt Ion:152 Resp: 72196
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.9 191.9
 115 59.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 33.650 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.029 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

Tgt Ion: 88 Resp: 63566
 Ion Ratio Lower Upper
 88 100
 58 68.2 55.8 83.8
 43 28.8 22.7 34.1





#3

Pyridine

Concen: 37.907 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

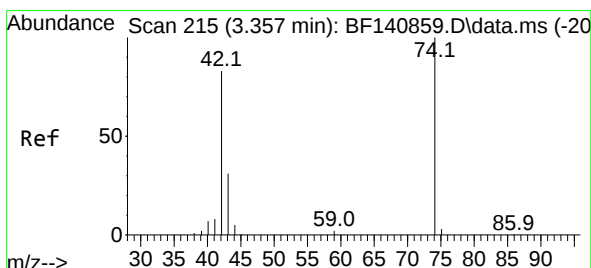
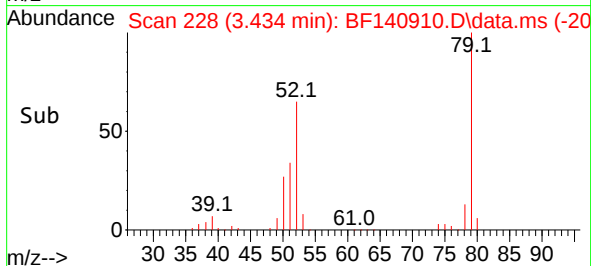
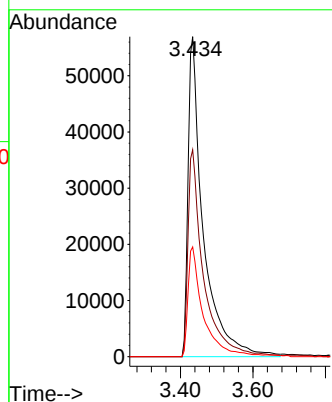
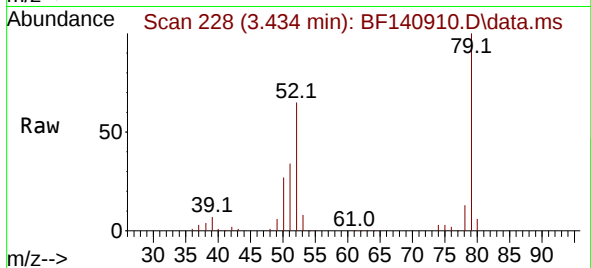
Tgt Ion: 79 Resp: 165834

Ion Ratio Lower Upper

79 100

52 64.6 51.7 77.5

51 34.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 37.116 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.023 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

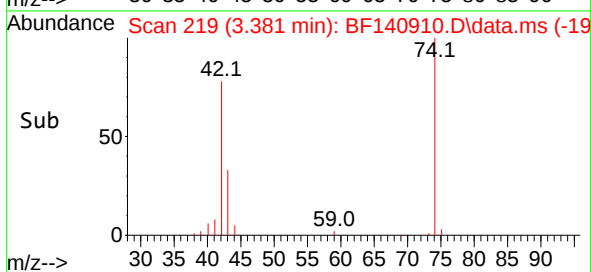
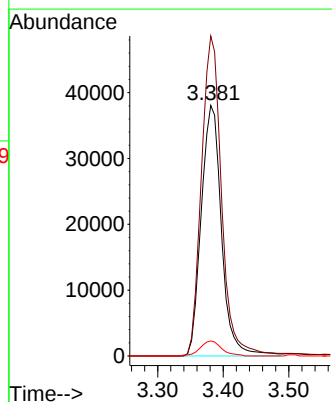
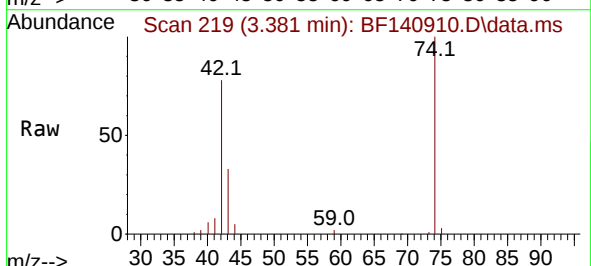
Tgt Ion: 42 Resp: 81857

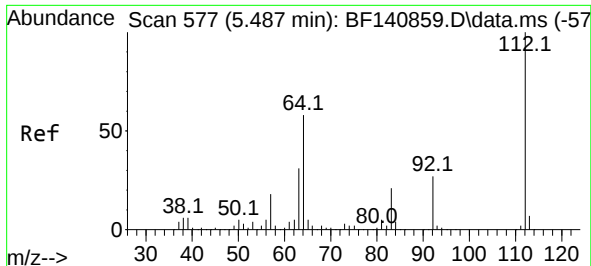
Ion Ratio Lower Upper

42 100

74 127.7 96.9 145.3

44 6.0 4.4 6.6

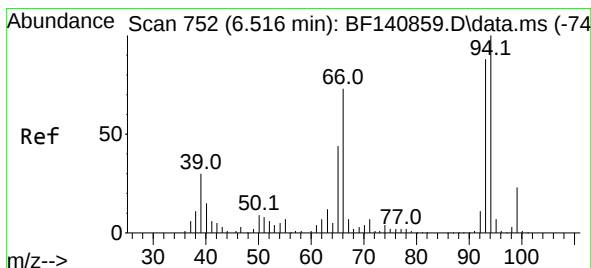
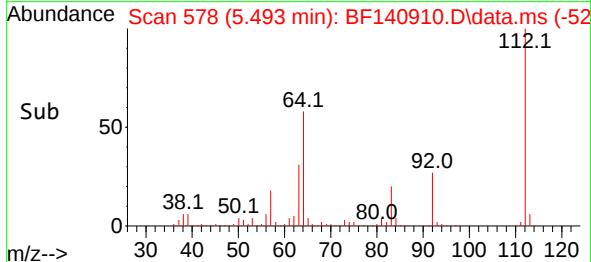
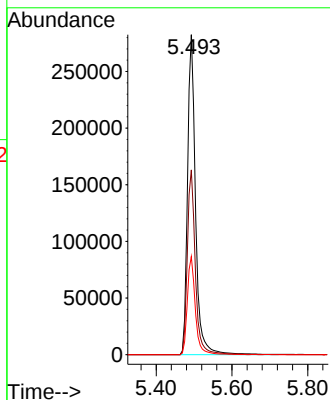
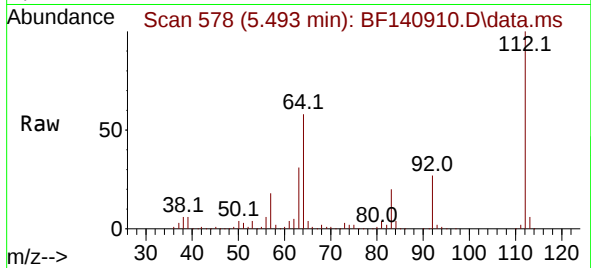




#5
2-Fluorophenol
Concen: 94.125 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

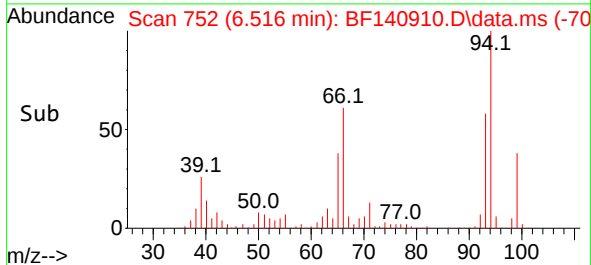
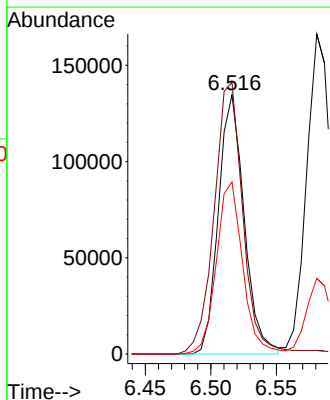
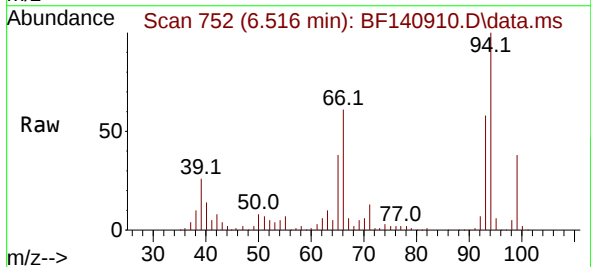
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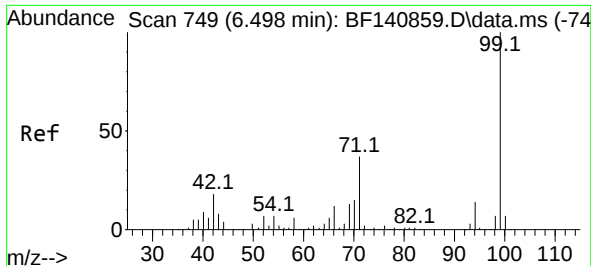
Tgt Ion:112 Resp: 412800
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 37.022 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion: 93 Resp: 183874
Ion Ratio Lower Upper
93 100
66 104.9 67.0 100.4#
65 66.4 40.4 60.6#

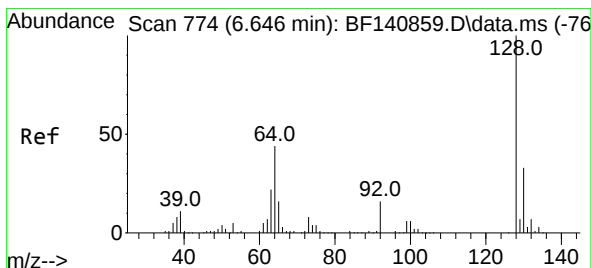
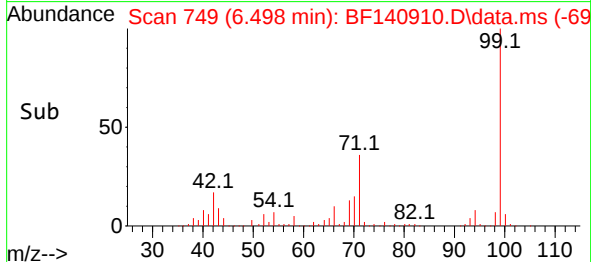
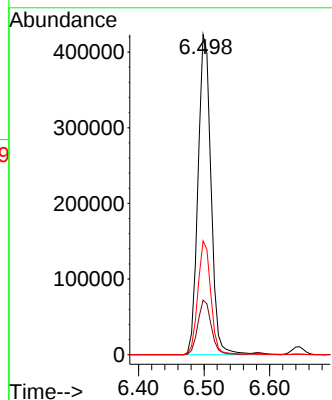
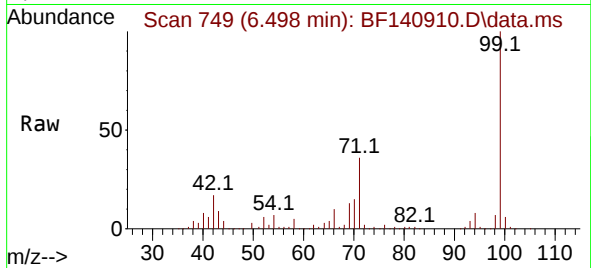




#7
Phenol-d6
Concen: 100.609 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

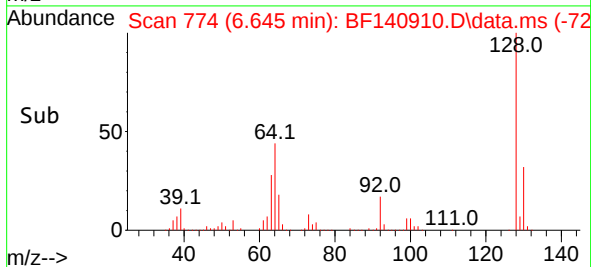
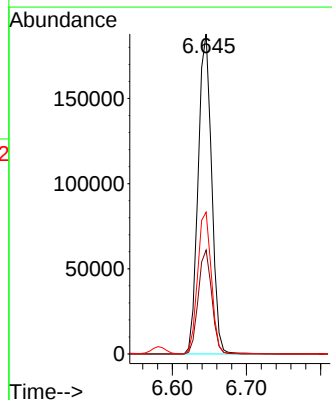
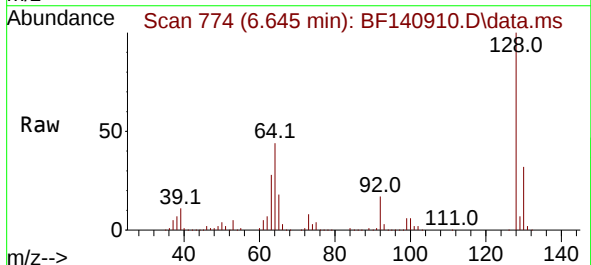
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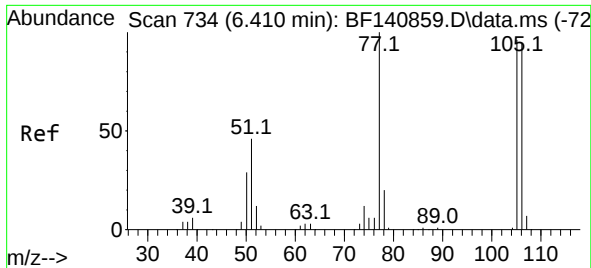
Tgt Ion: 99 Resp: 584421
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 35.6 29.9 44.9



#8
2-Chlorophenol
Concen: 49.740 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:128 Resp: 237885
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 15.569 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

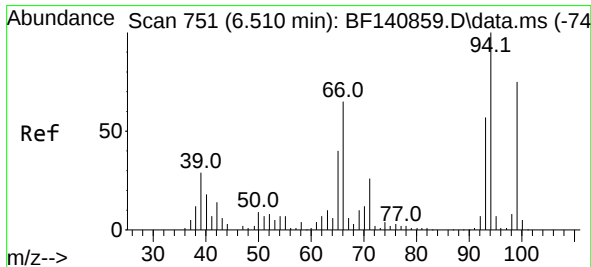
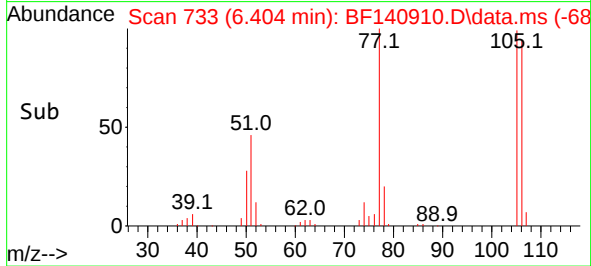
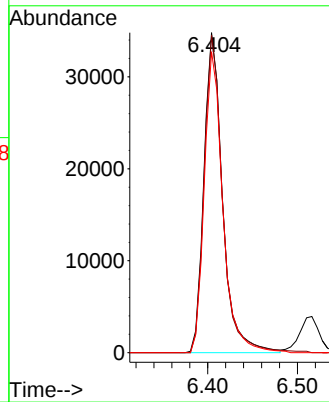
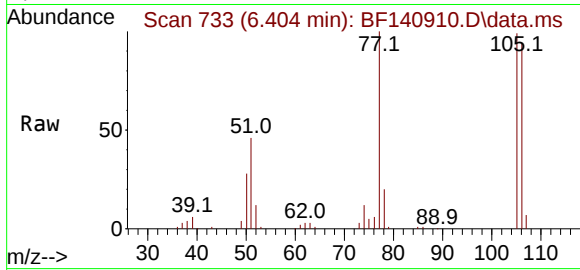
Tgt Ion: 77 Resp: 50112

Ion Ratio Lower Upper

77 100

105 99.3 75.8 115.8

106 94.0 74.1 114.1



#10

Phenol

Concen: 51.811 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

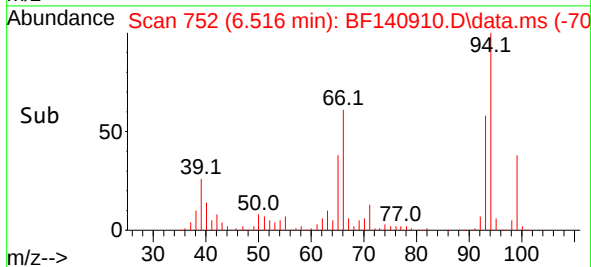
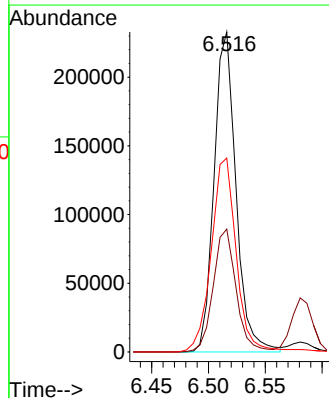
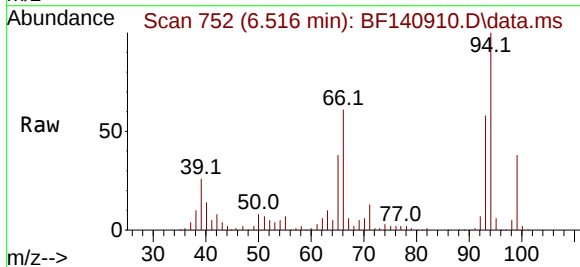
Tgt Ion: 94 Resp: 311927

Ion Ratio Lower Upper

94 100

65 38.4 19.9 59.9

66 60.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 48.160 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

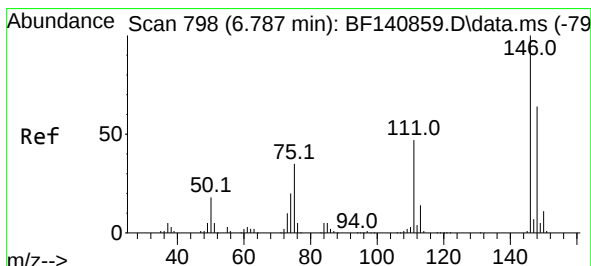
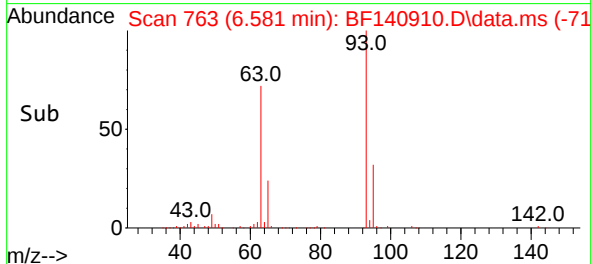
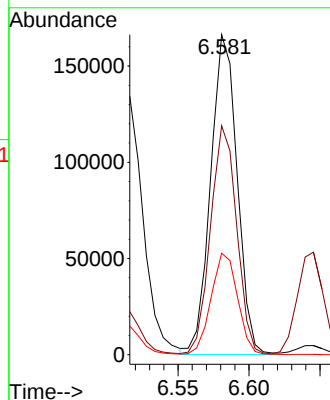
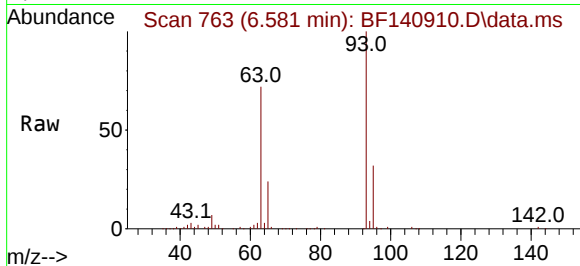
Tgt Ion: 93 Resp: 216229

Ion Ratio Lower Upper

93 100

63 71.6 51.0 91.0

95 31.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 43.725 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

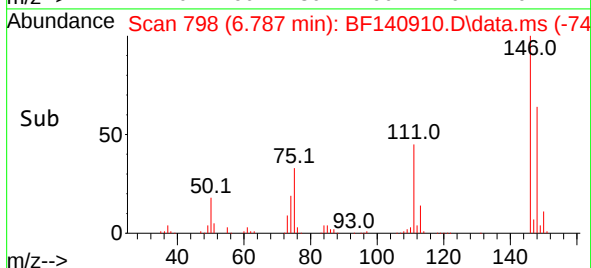
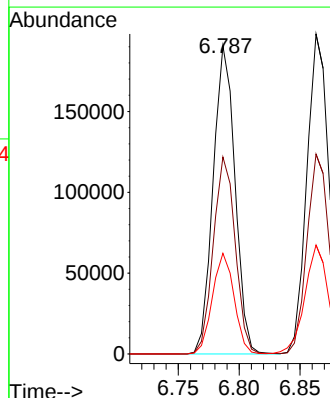
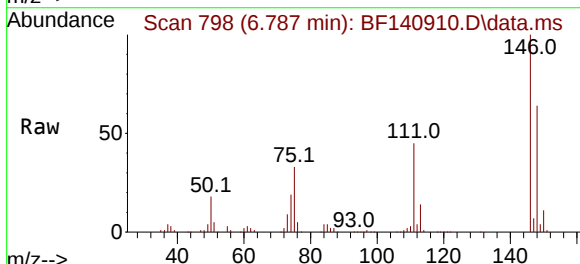
Tgt Ion:146 Resp: 238285

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

75 32.7 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.283 ng

RT: 6.863 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF140910.D

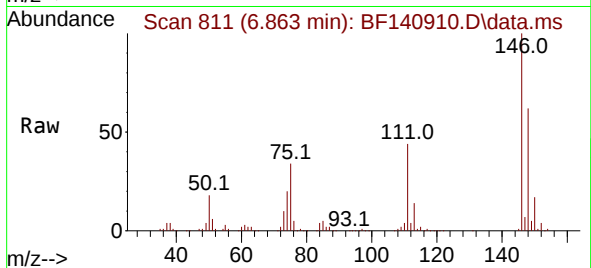
Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD



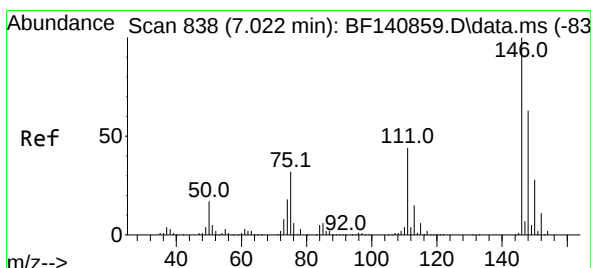
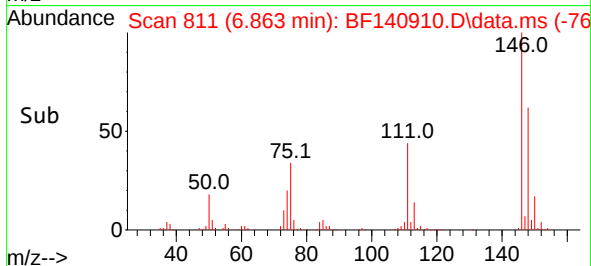
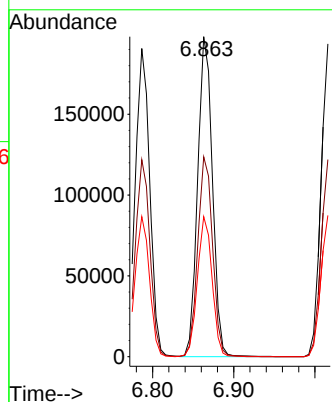
Tgt Ion:146 Resp: 250496

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

111 43.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.619 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

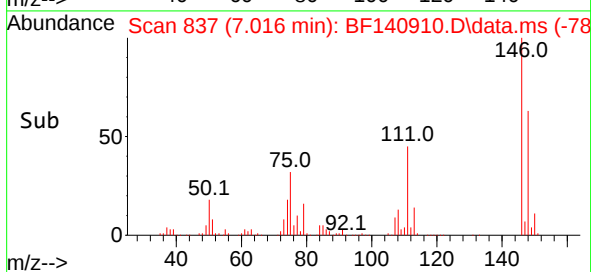
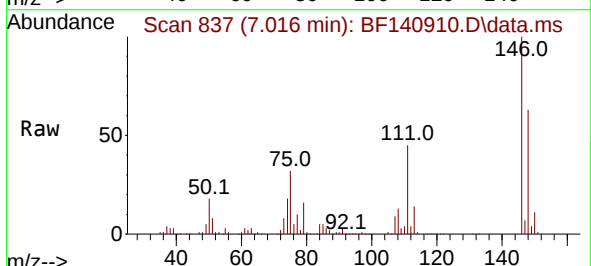
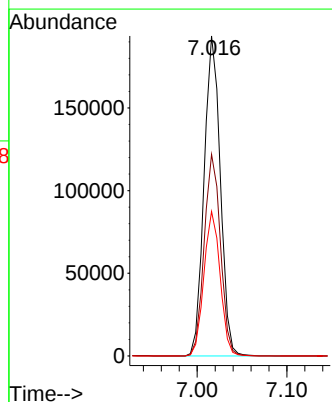
Tgt Ion:146 Resp: 243317

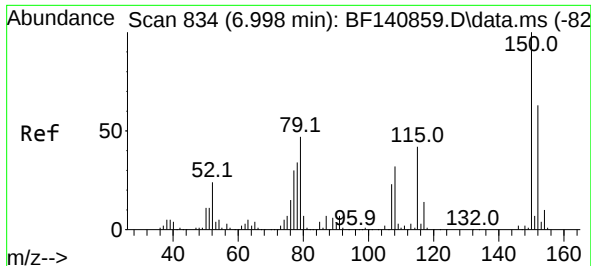
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 45.2 35.6 53.4

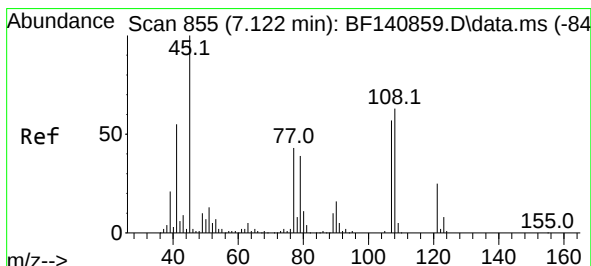
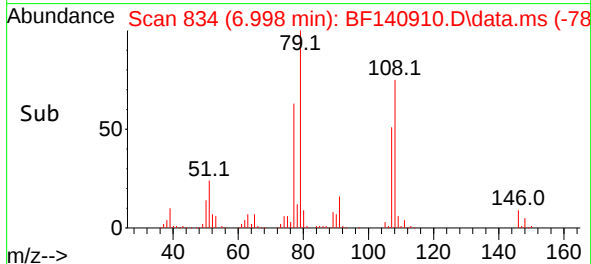
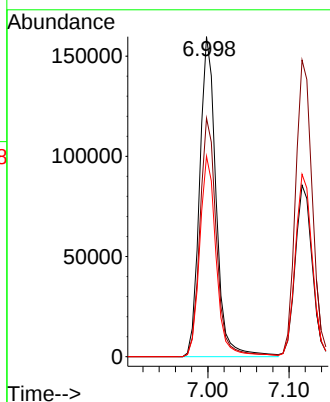
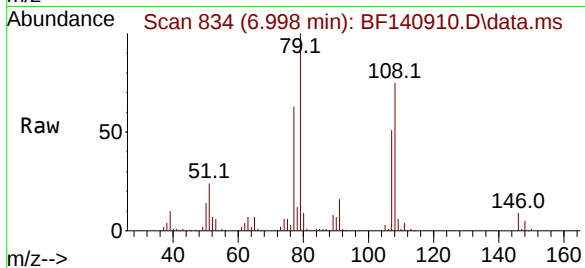




#15
Benzyl Alcohol
Concen: 54.026 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

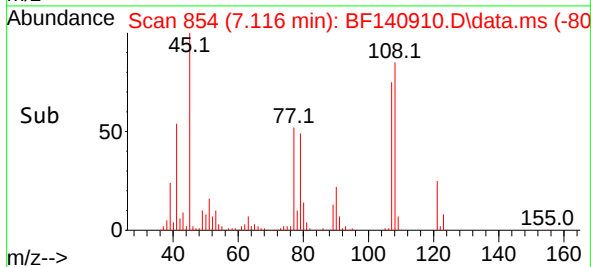
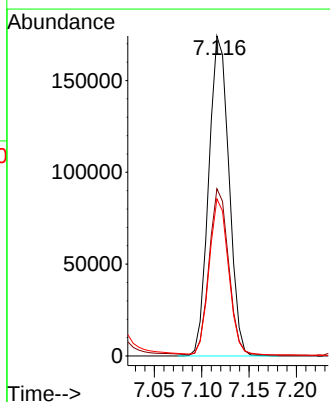
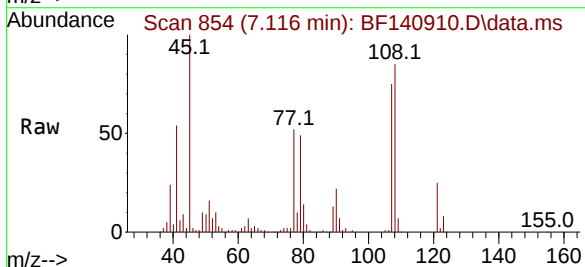
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

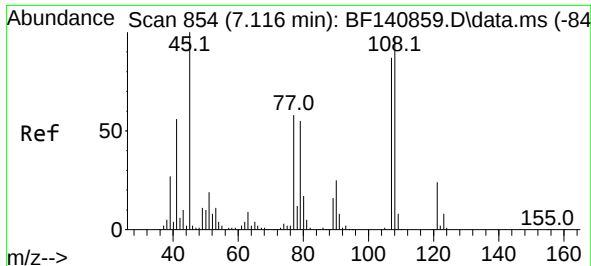
Tgt Ion: 79 Resp: 224390
Ion Ratio Lower Upper
79 100
108 74.6 55.1 82.7
77 62.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.813 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion: 45 Resp: 258176
Ion Ratio Lower Upper
45 100
77 52.3 23.3 63.3
79 49.1 20.0 60.0

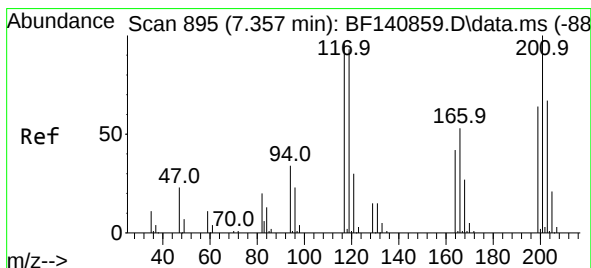
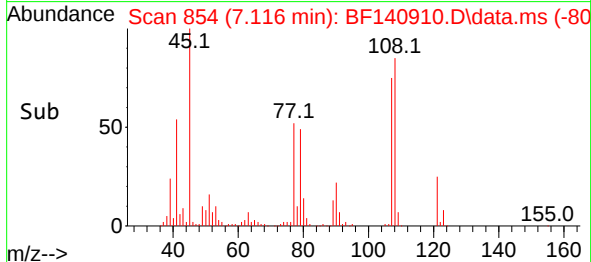
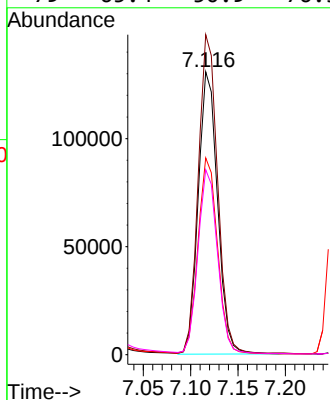
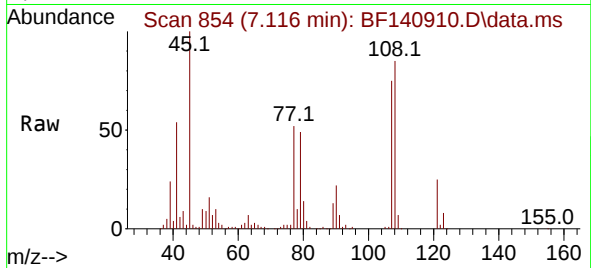




#17
2-Methylphenol
Concen: 48.580 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

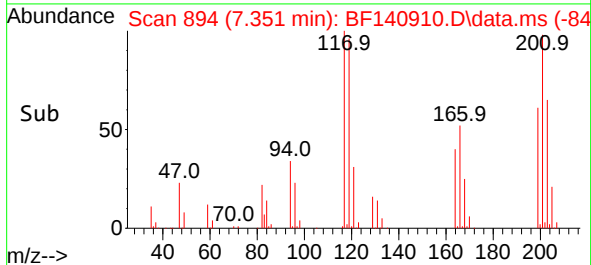
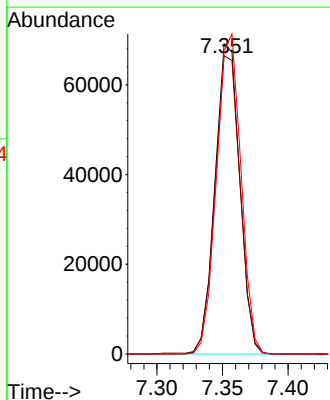
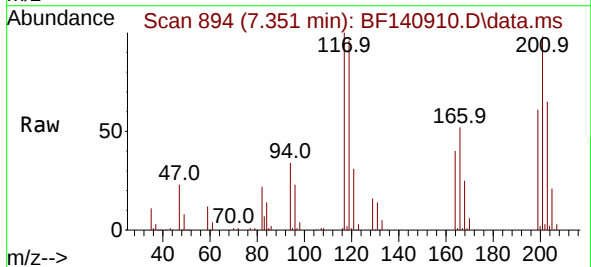
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

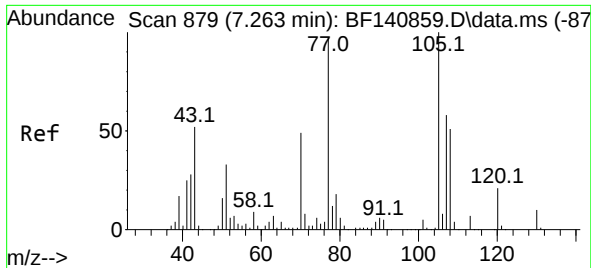
Tgt Ion:	107	Resp:	185495
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.4
77	69.6	53.8	80.6
79	65.4	50.9	76.3



#18
Hexachloroethane
Concen: 43.782 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:	117	Resp:	90163
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	97.7	83.4	125.0

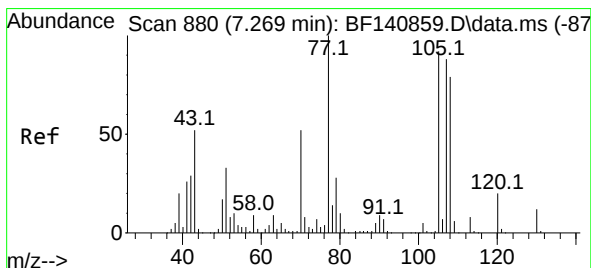
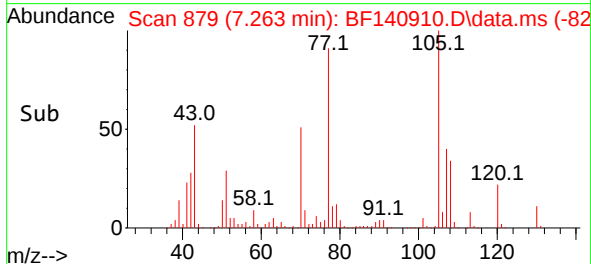
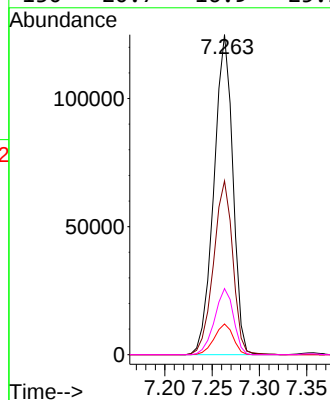
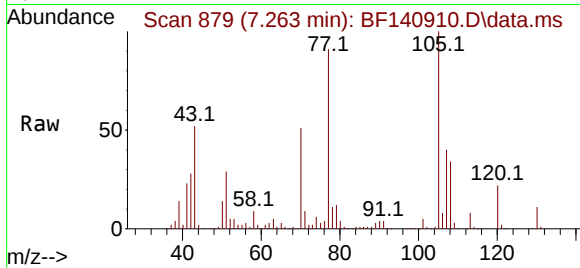




#19
n-Nitroso-di-n-propylamine
Concen: 49.835 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

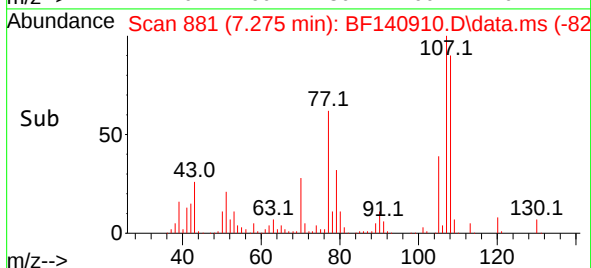
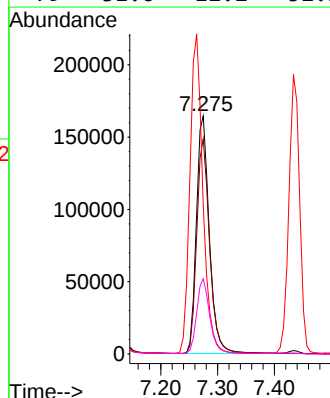
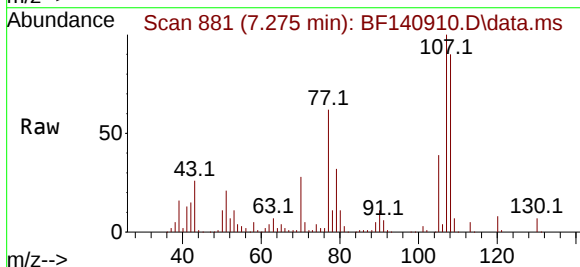
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

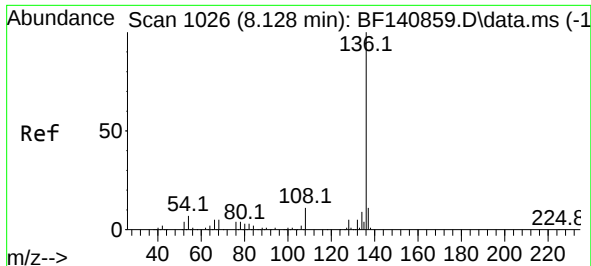
Tgt Ion: 70 Resp: 173646
Ion Ratio Lower Upper
70 100
42 54.3 45.3 67.9
101 9.6 8.0 12.0
130 20.7 16.9 25.3



#20
3+4-Methylphenols
Concen: 51.583 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:107 Resp: 261175
Ion Ratio Lower Upper
107 100
108 90.4 70.1 110.1
77 62.4 94.4 134.4#
79 31.6 12.2 52.2

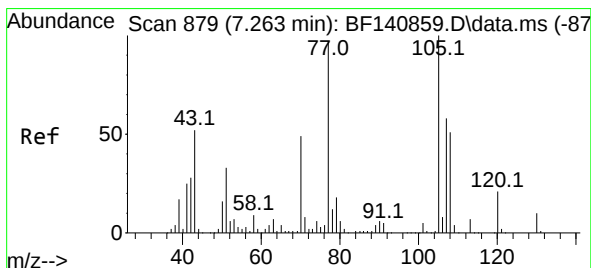
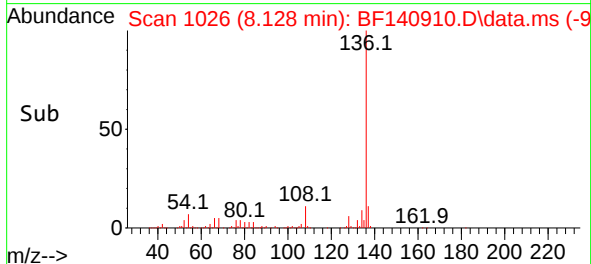
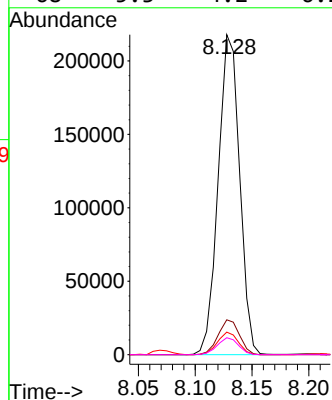
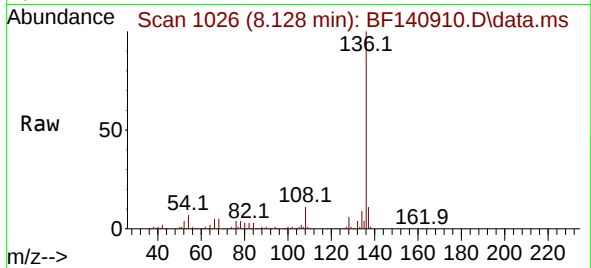




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

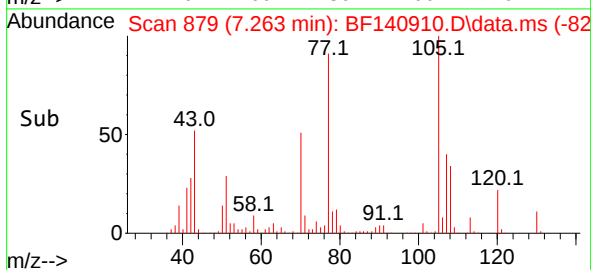
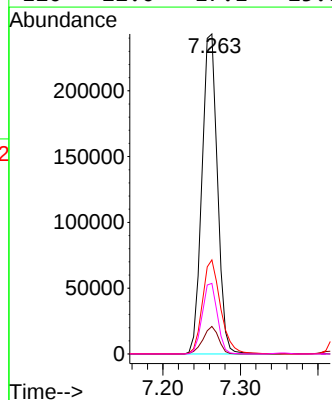
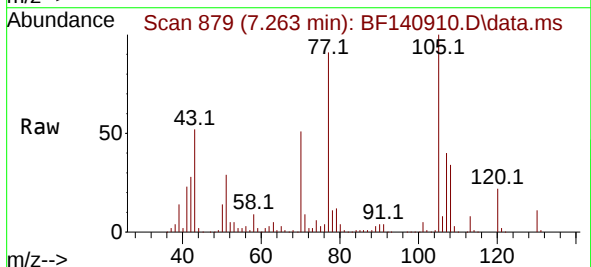
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

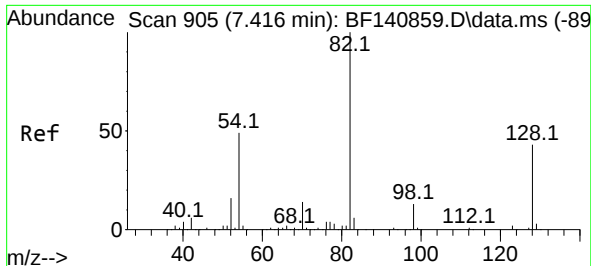
Tgt Ion:136 Resp: 286565
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.0 5.6 8.4
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 47.164 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:105 Resp: 338097
Ion Ratio Lower Upper
105 100
71 8.6 6.2 9.4
51 29.4 26.3 39.5
120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 63.578 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

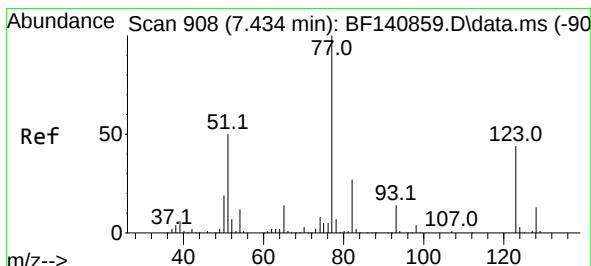
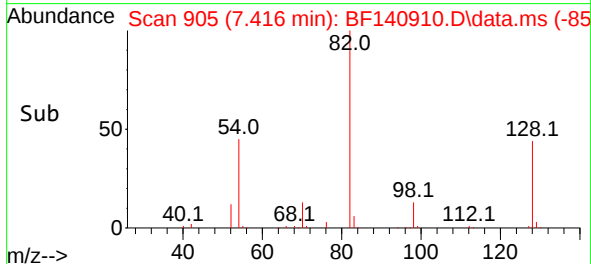
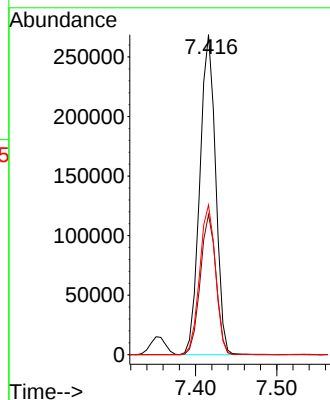
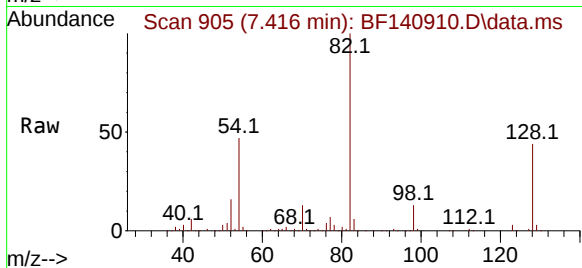
Tgt Ion: 82 Resp: 364156

Ion Ratio Lower Upper

82 100

128 43.8 34.4 51.6

54 46.8 38.8 58.2



#24

Nitrobenzene

Concen: 43.186 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

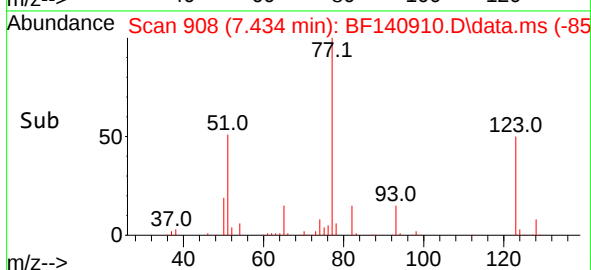
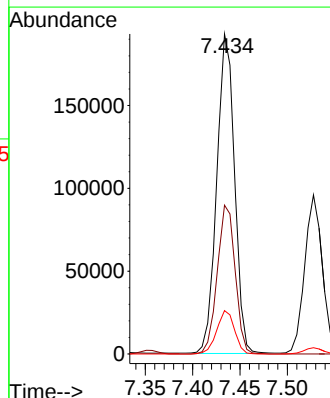
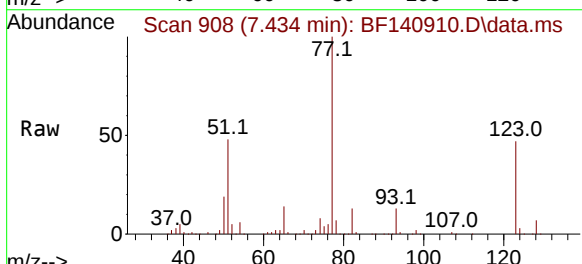
Tgt Ion: 77 Resp: 253408

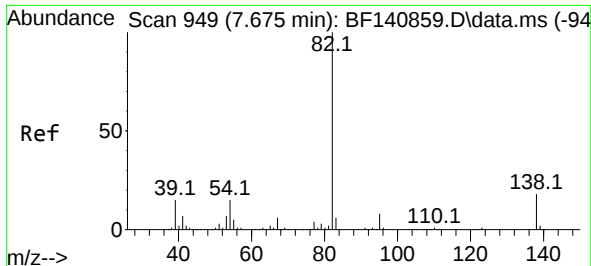
Ion Ratio Lower Upper

77 100

123 46.5 35.0 52.4

65 13.5 11.4 17.0

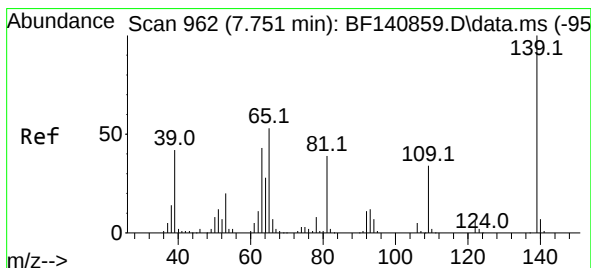
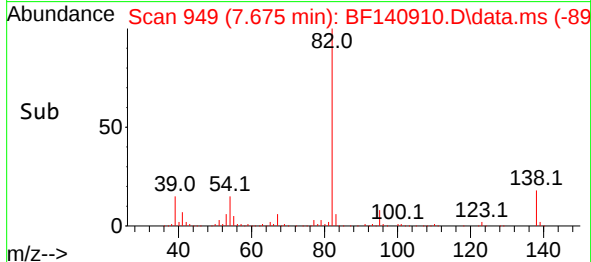
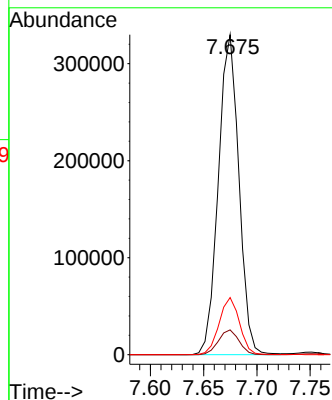
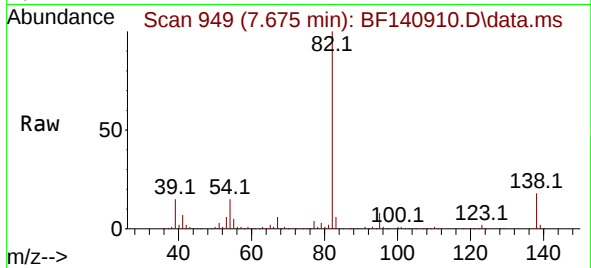




#25
Isophorone
Concen: 45.982 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

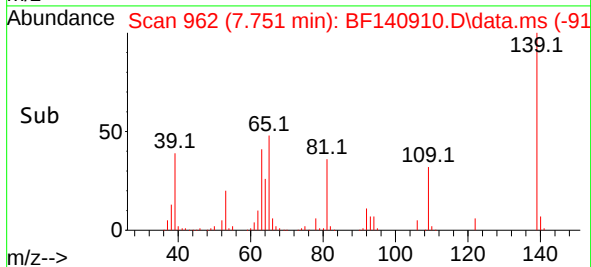
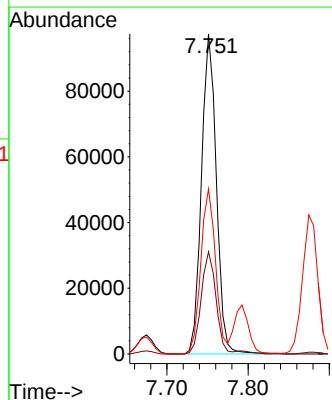
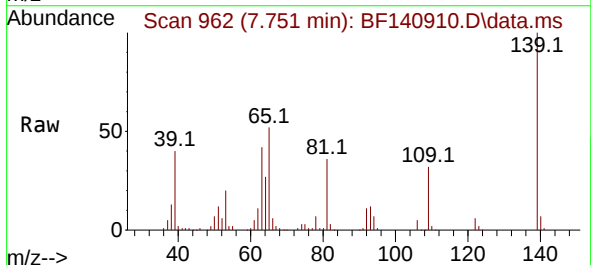
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

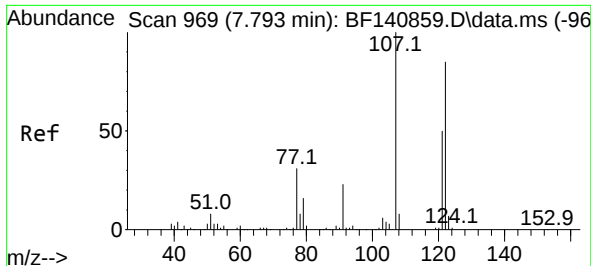
Tgt Ion: 82 Resp: 441297
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 45.916 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion: 139 Resp: 124090
Ion Ratio Lower Upper
139 100
109 32.0 26.9 40.3
65 51.6 42.6 64.0

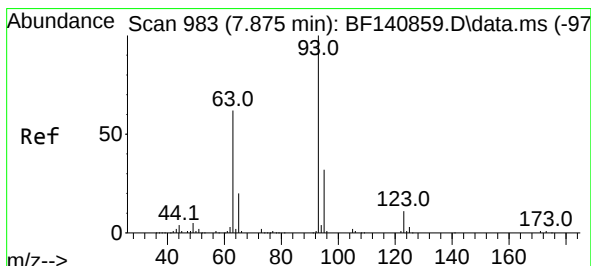
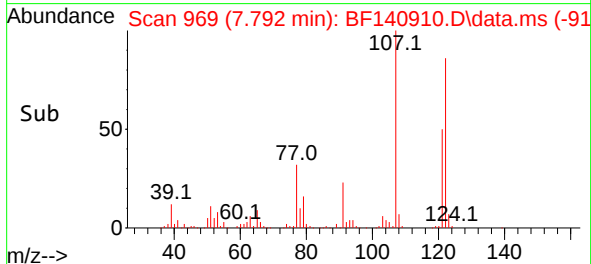
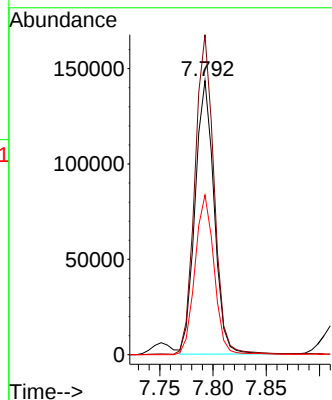
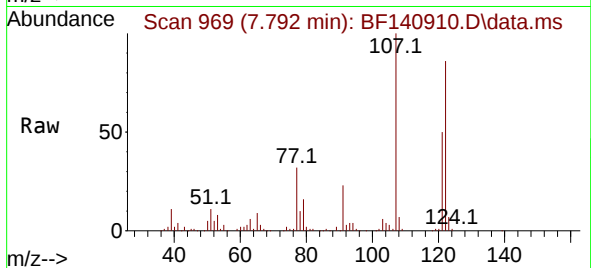




#27
2,4-Dimethylphenol
Concen: 56.446 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

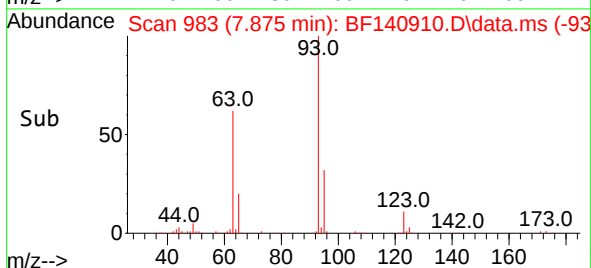
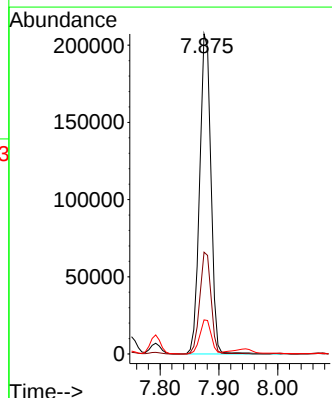
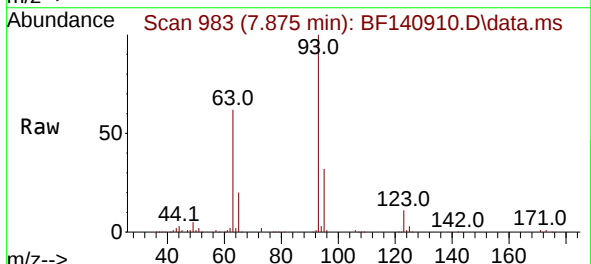
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

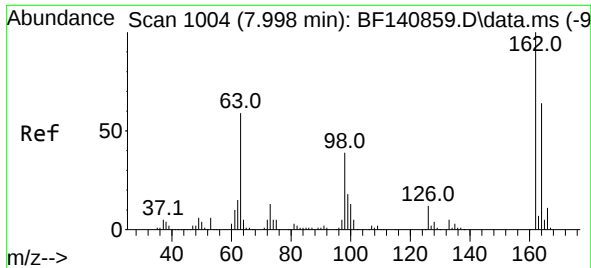
Tgt Ion:122 Resp: 178152
Ion Ratio Lower Upper
122 100
107 116.7 92.6 139.0
121 58.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.049 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion: 93 Resp: 276025
Ion Ratio Lower Upper
93 100
95 31.8 25.3 37.9
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.407 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

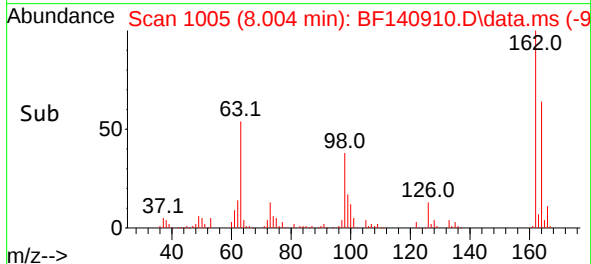
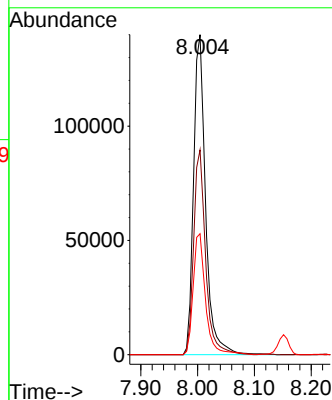
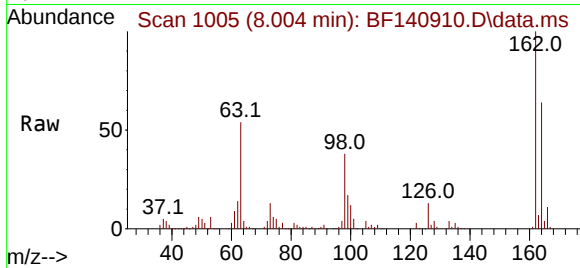
Tgt Ion:162 Resp: 206572

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 37.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 41.929 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

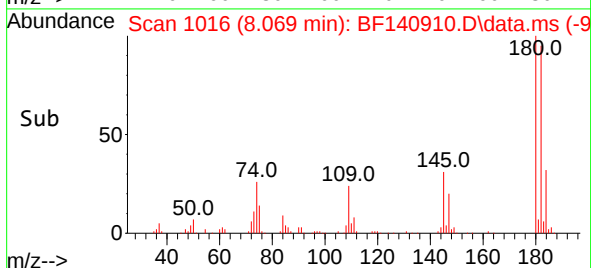
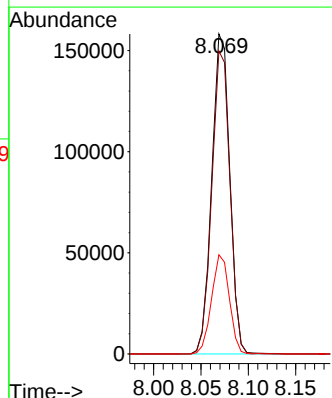
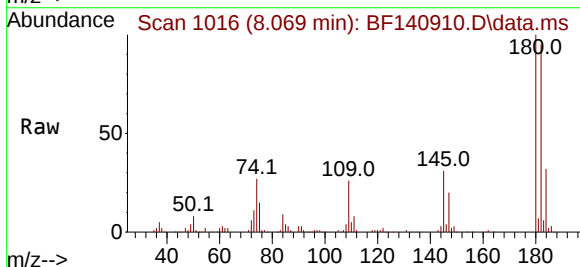
Tgt Ion:180 Resp: 209439

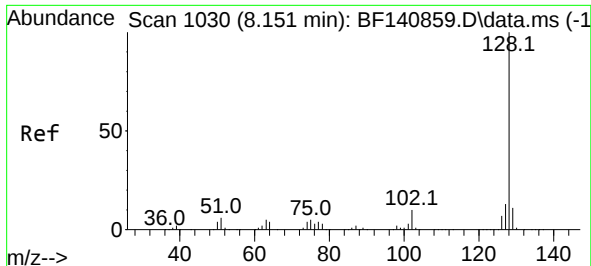
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.0 25.2 37.8

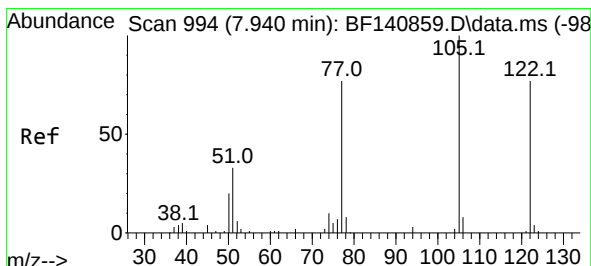
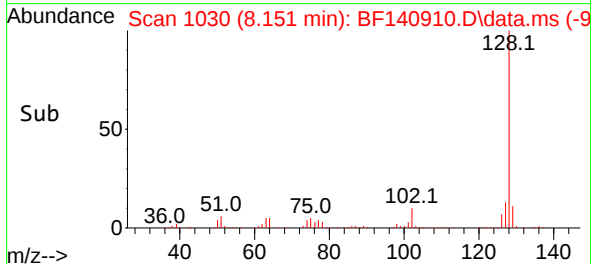
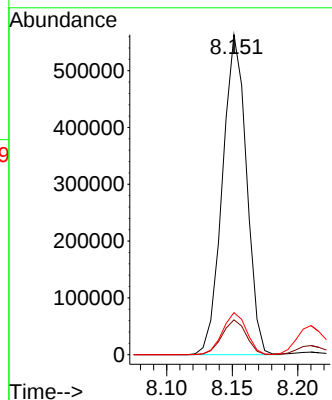
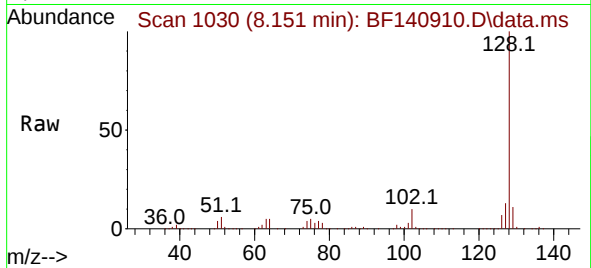




#31
Naphthalene
Concen: 45.650 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

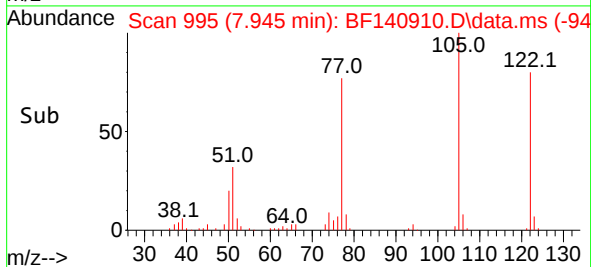
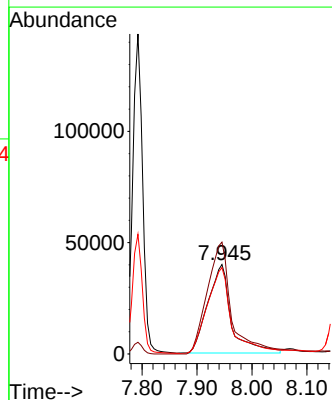
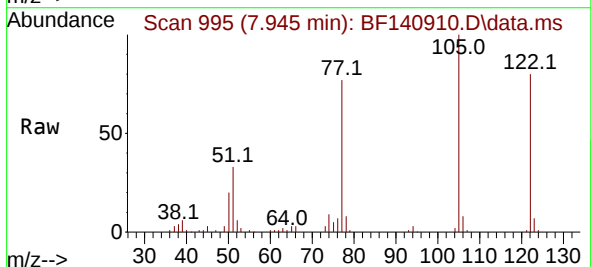
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

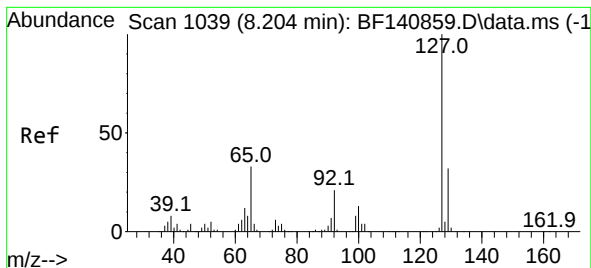
Tgt Ion:128 Resp: 718593
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 39.841 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:122 Resp: 119256
Ion Ratio Lower Upper
122 100
105 125.0 108.3 148.3
77 96.6 78.8 118.8





#33

4-Chloroaniline

Concen: 18.706 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

Tgt Ion:127 Resp: 97796

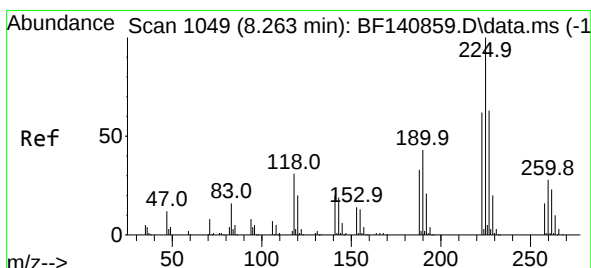
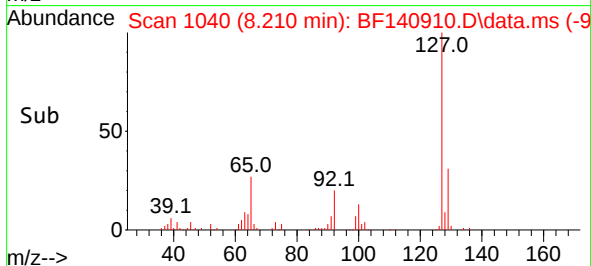
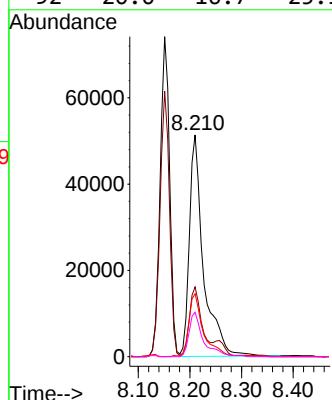
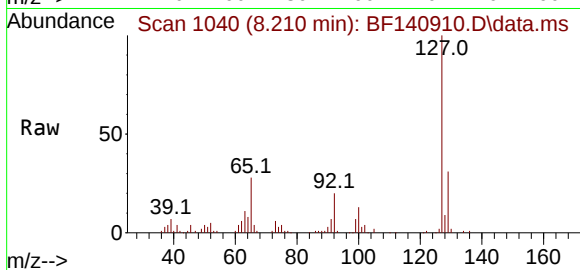
Ion Ratio Lower Upper

127 100

129 31.5 26.0 39.0

65 28.3 26.0 39.0

92 20.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 42.238 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

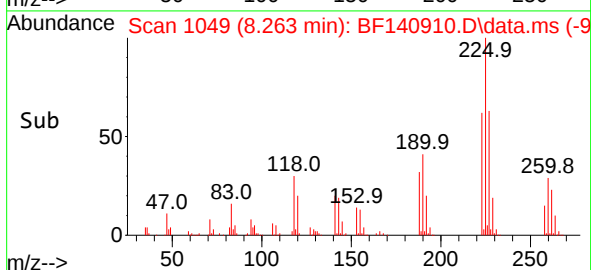
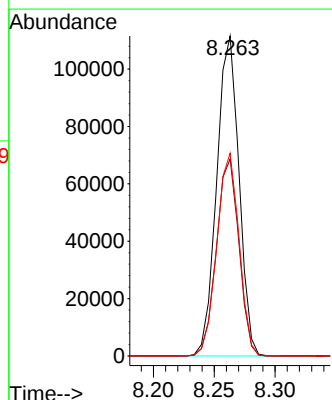
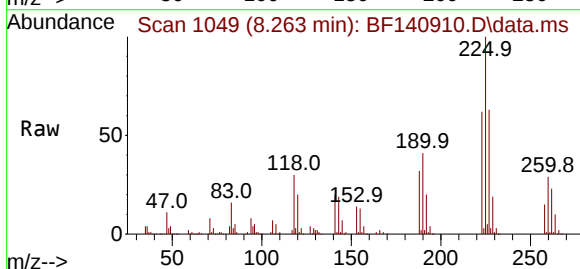
Tgt Ion:225 Resp: 141949

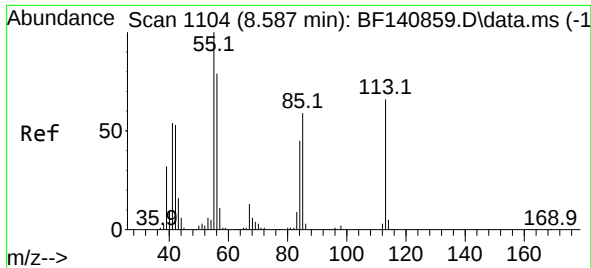
Ion Ratio Lower Upper

225 100

223 61.5 49.6 74.4

227 63.3 50.7 76.1

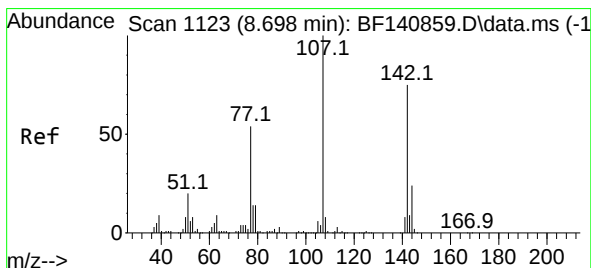
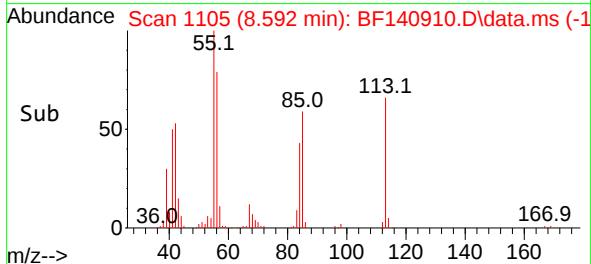
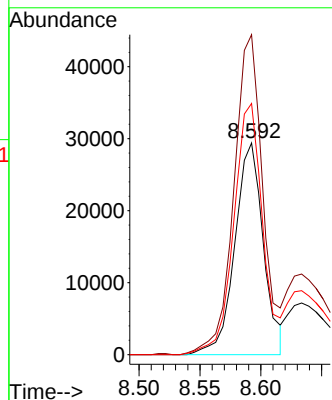
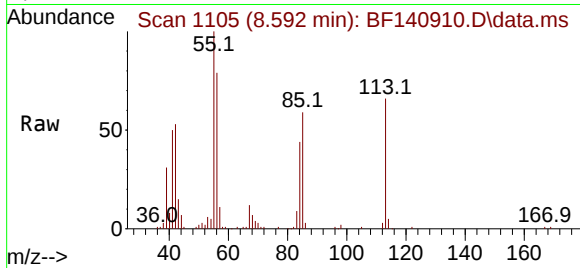




#35
Caprolactam
Concen: 36.913 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

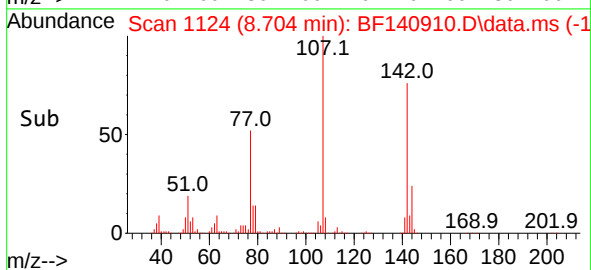
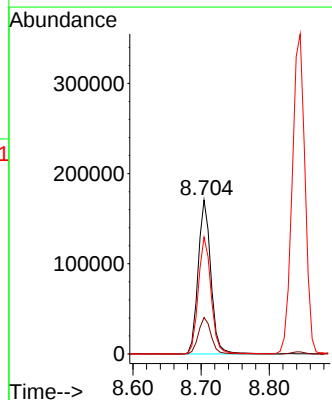
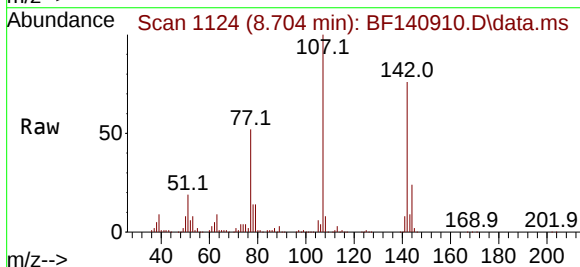
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

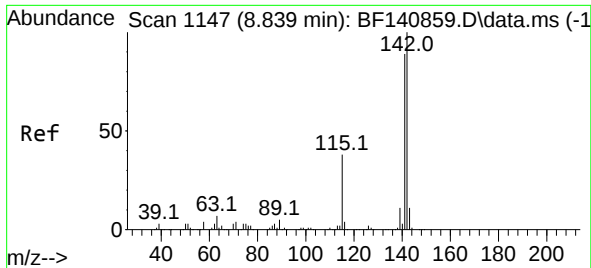
Tgt Ion:113 Resp: 47885
Ion Ratio Lower Upper
113 100
55 151.2 132.3 172.3
56 118.7 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 45.356 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:107 Resp: 222440
Ion Ratio Lower Upper
107 100
144 23.7 19.4 29.2
142 75.9 60.3 90.5

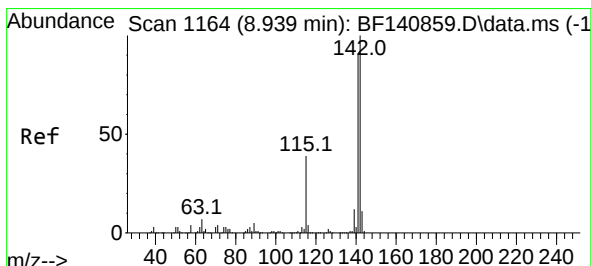
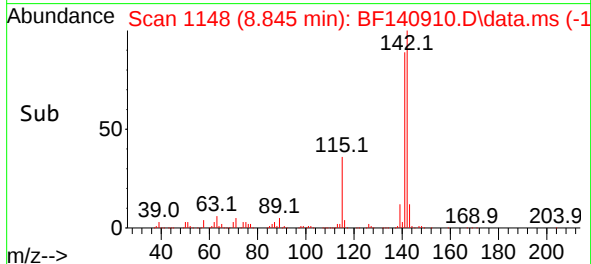
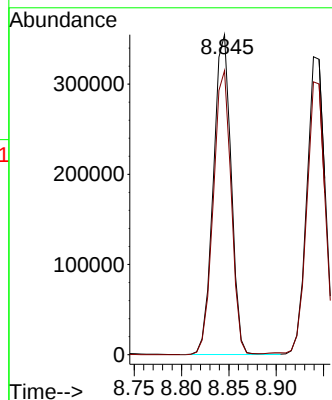
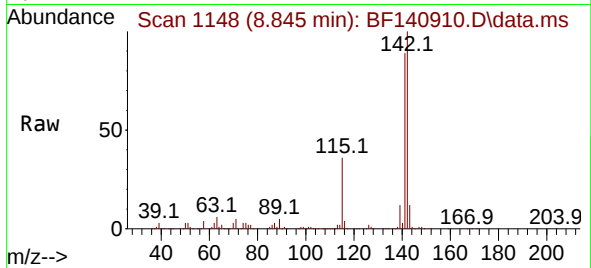




#37
2-Methylnaphthalene
Concen: 44.399 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

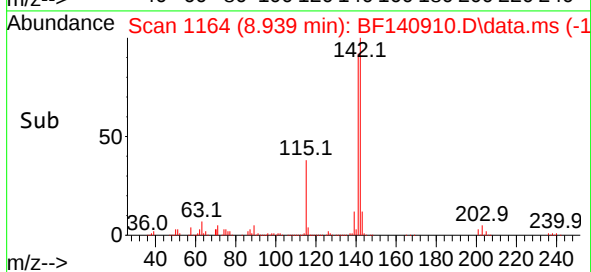
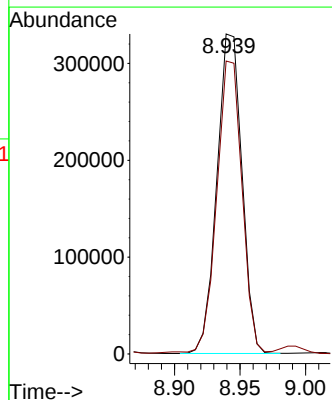
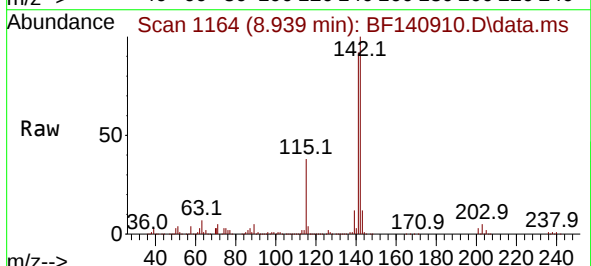
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

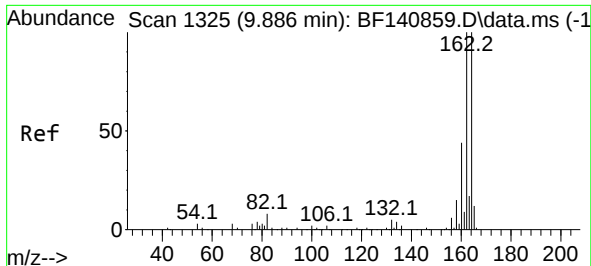
Tgt Ion:142 Resp: 462320
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6



#38
1-Methylnaphthalene
Concen: 42.553 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:142 Resp: 438214
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

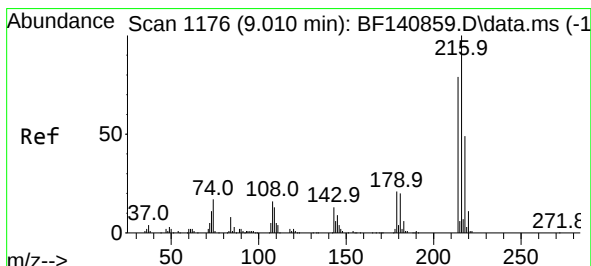
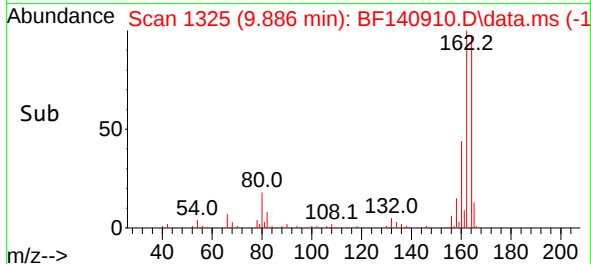
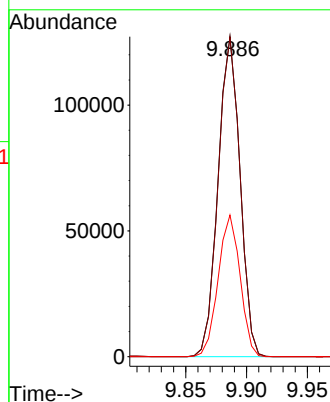
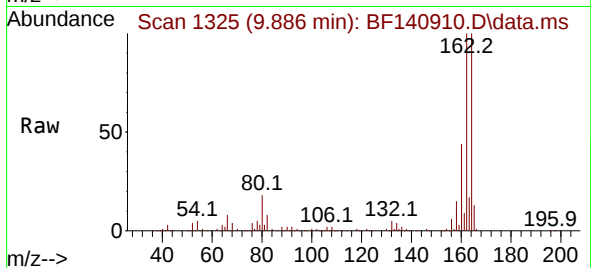
Tgt Ion:164 Resp: 159772

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 44.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.792 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Tgt Ion:216 Resp: 229788

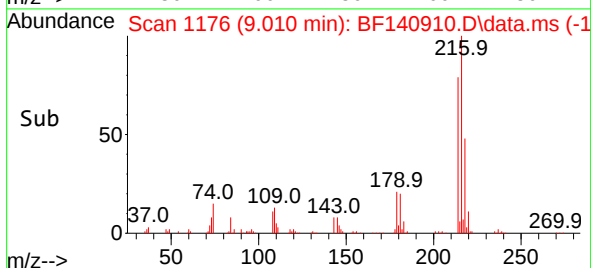
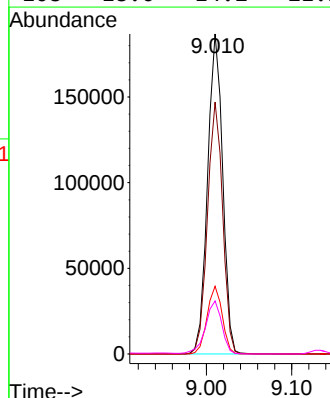
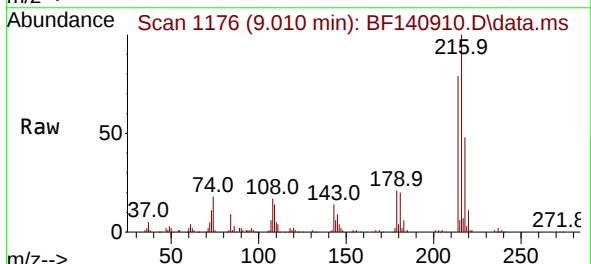
Ion Ratio Lower Upper

216 100

214 78.9 63.6 95.4

179 21.2 17.0 25.4

108 18.0 14.2 21.2

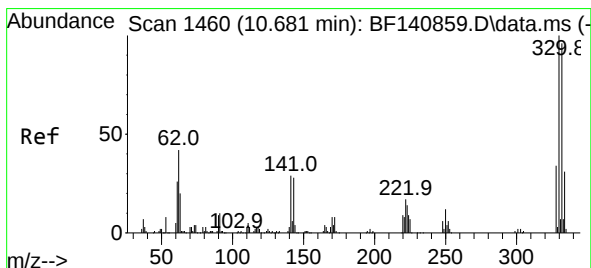
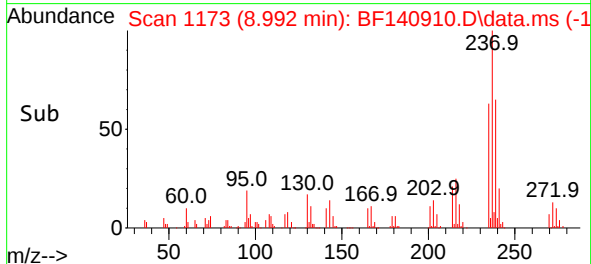
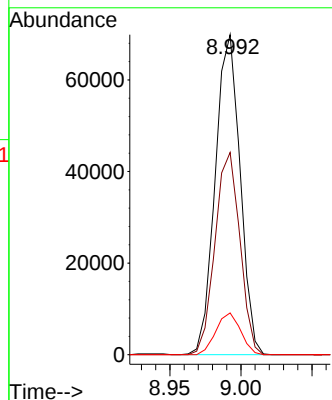
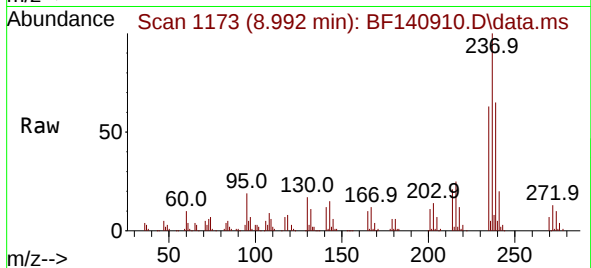




#41
Hexachlorocyclopentadiene
Concen: 59.006 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

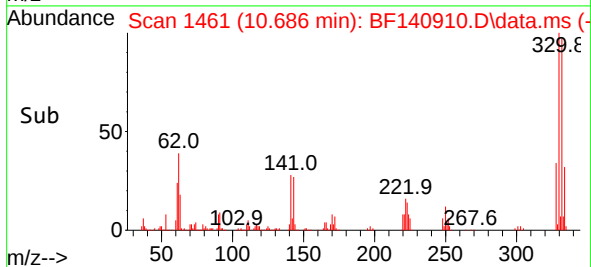
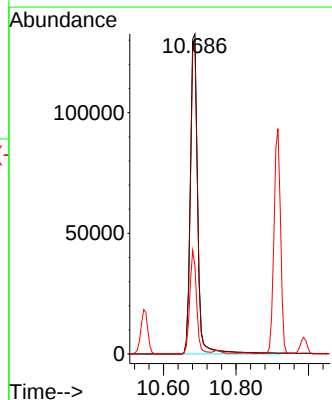
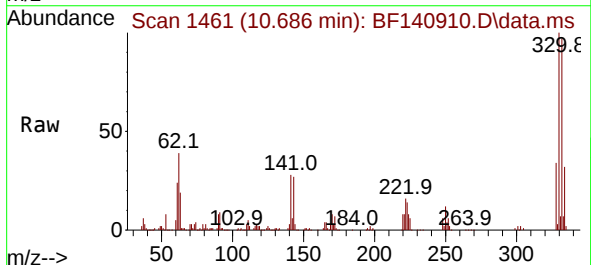
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

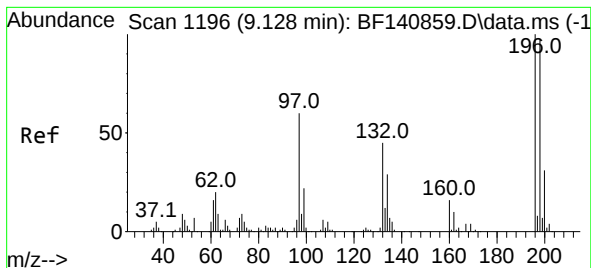
Tgt Ion:237 Resp: 85058
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 99.475 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:330 Resp: 187973
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 29.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 47.136 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

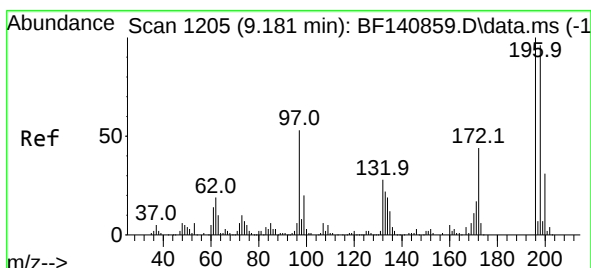
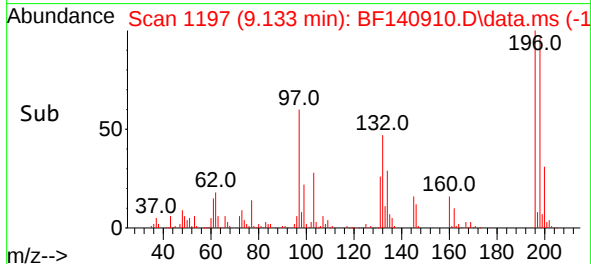
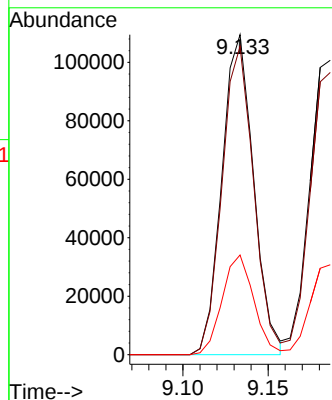
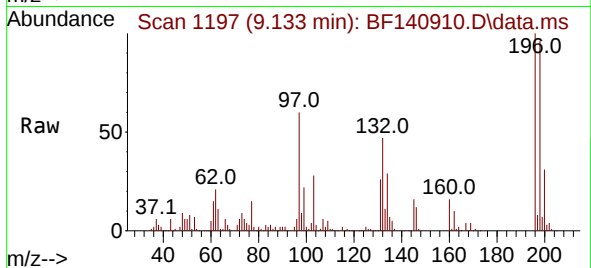
Tgt Ion:196 Resp: 141737

Ion Ratio Lower Upper

196 100

198 96.3 77.4 116.0

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.132 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Tgt Ion:196 Resp: 152471

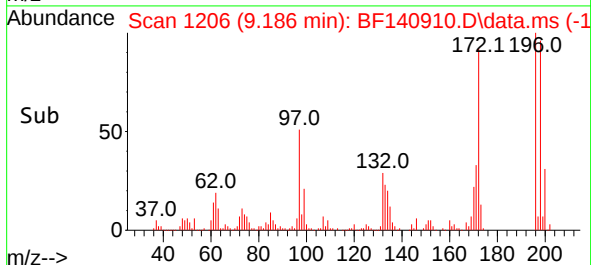
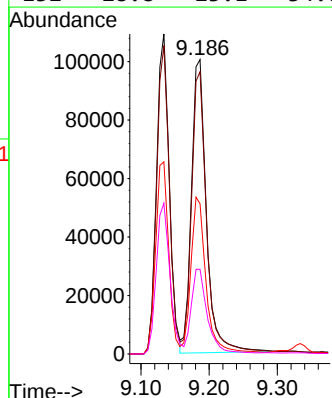
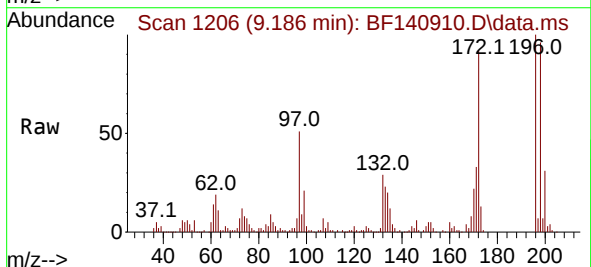
Ion Ratio Lower Upper

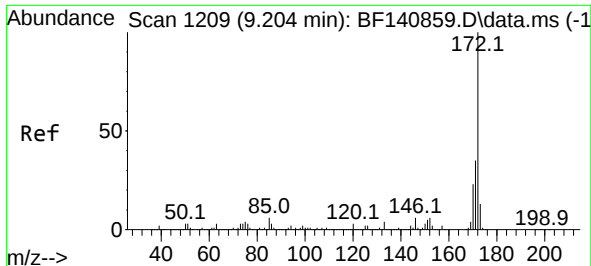
196 100

198 95.9 77.2 115.8

97 51.0 42.2 63.4

132 28.8 23.1 34.7

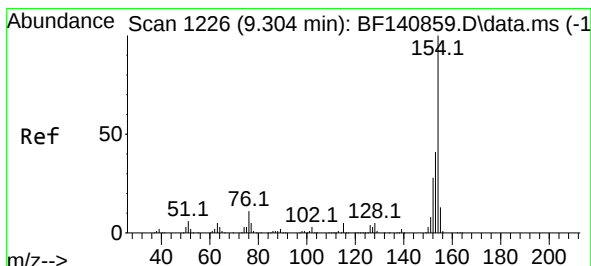
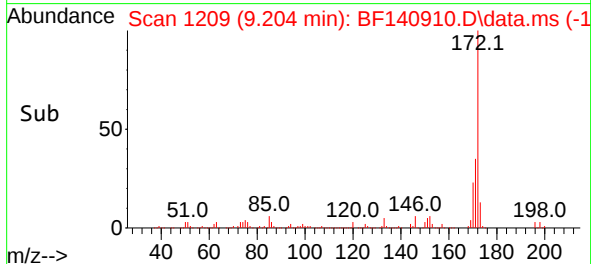
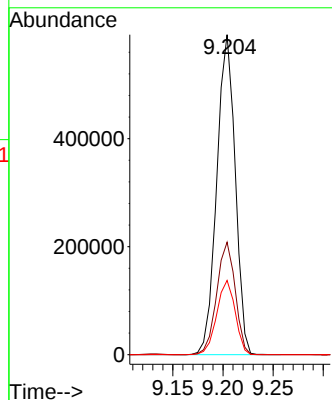
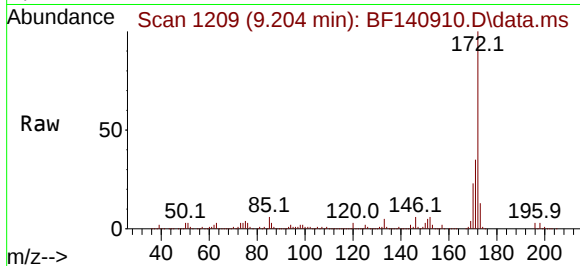




#45
2-Fluorobiphenyl
Concen: 65.064 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

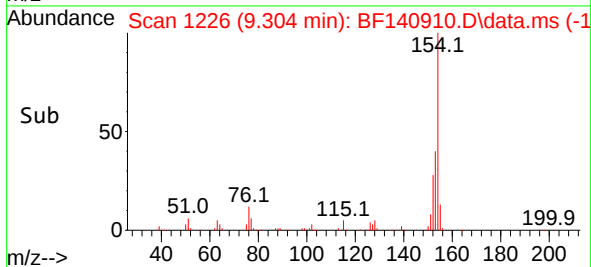
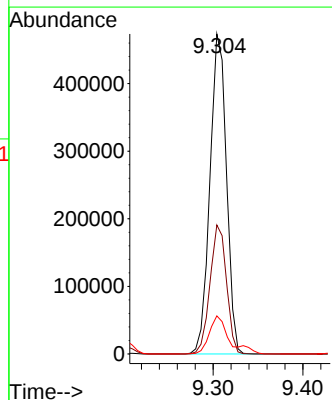
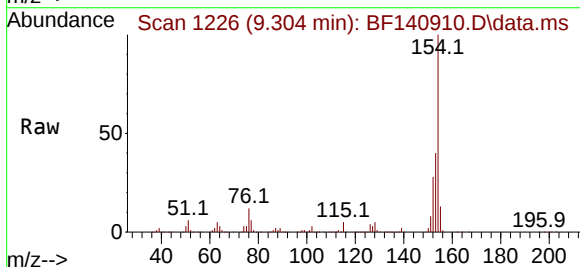
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

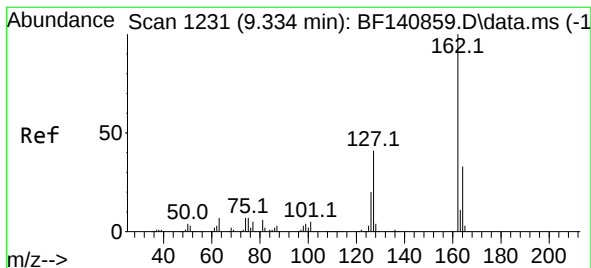
Tgt Ion:172 Resp: 756115
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.596 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:154 Resp: 604700
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.747 ng

RT: 9.333 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

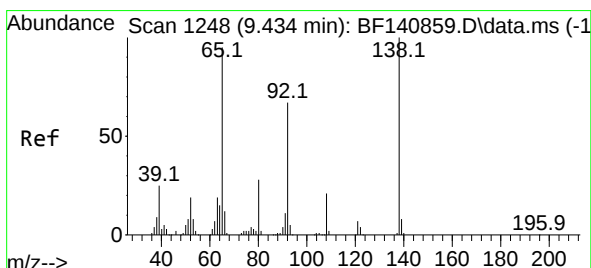
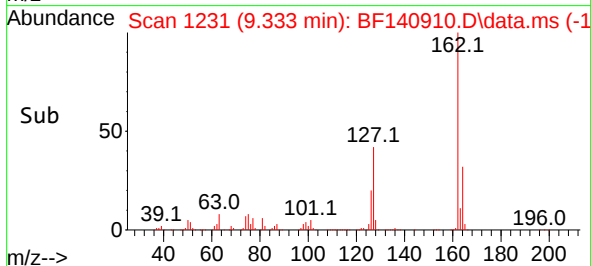
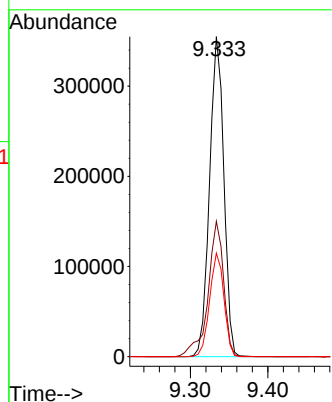
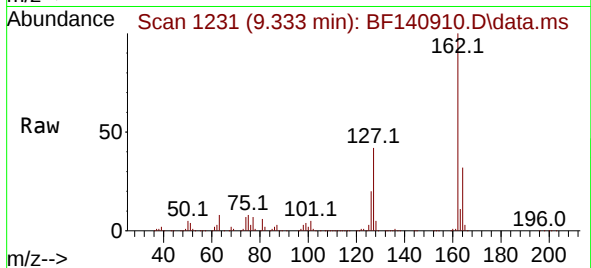
Tgt Ion:162 Resp: 454352

Ion Ratio Lower Upper

162 100

127 42.3 33.5 50.3

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 49.655 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

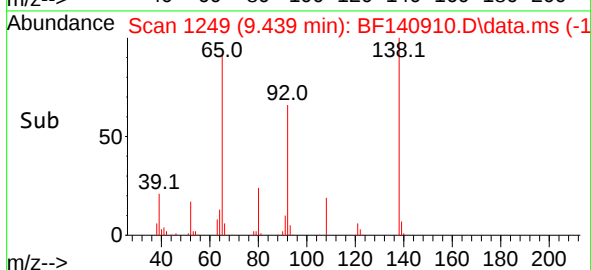
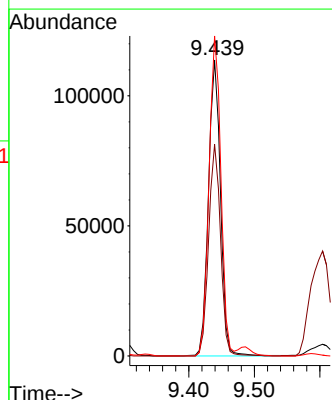
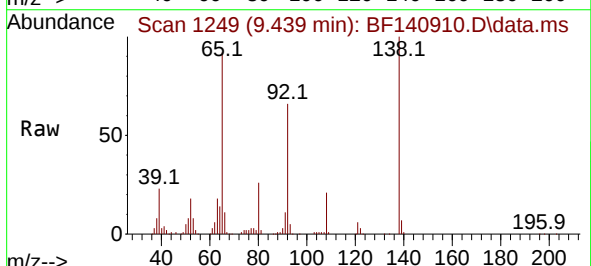
Tgt Ion: 65 Resp: 145755

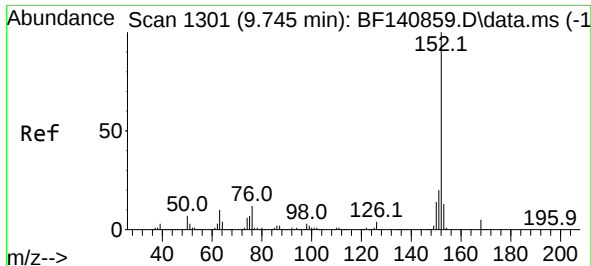
Ion Ratio Lower Upper

65 100

92 71.5 56.3 84.5

138 108.1 83.8 125.6

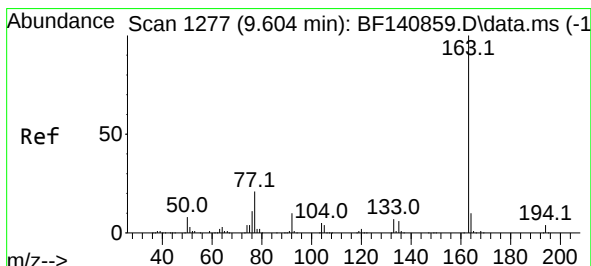
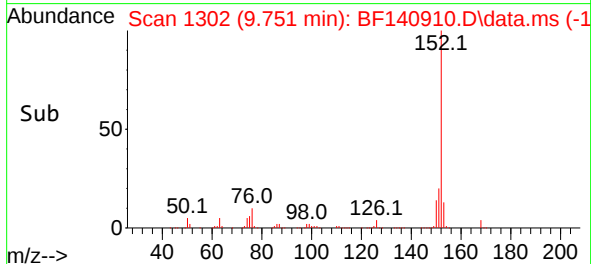
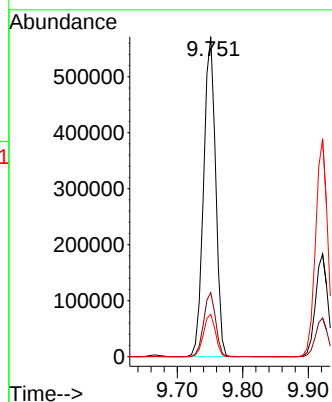
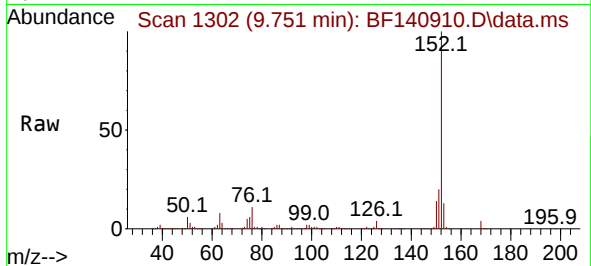




#49
Acenaphthylene
Concen: 51.063 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

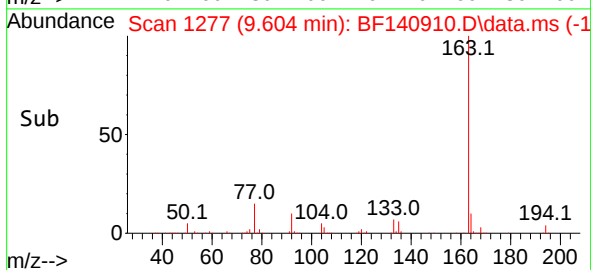
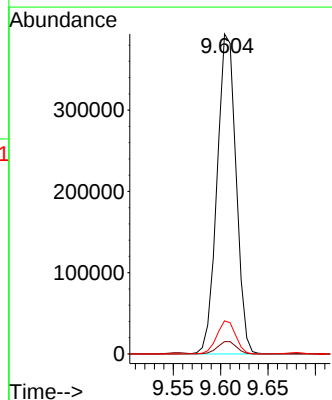
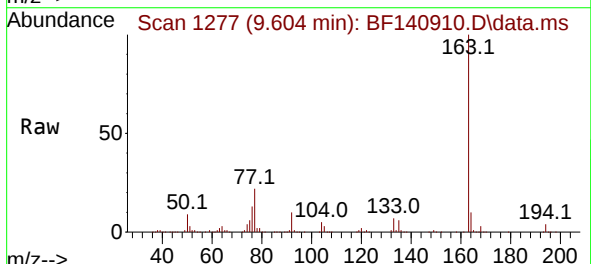
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

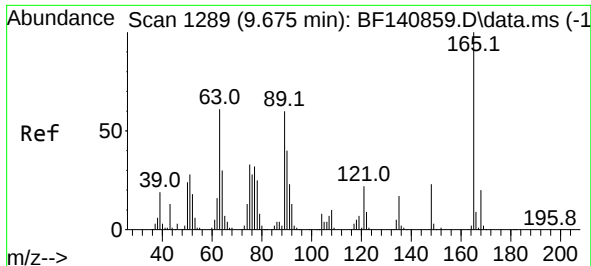
Tgt Ion:152 Resp: 729343
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 48.871 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:163 Resp: 550494
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.966 ng

RT: 9.681 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

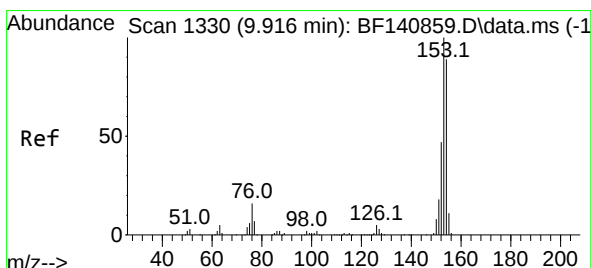
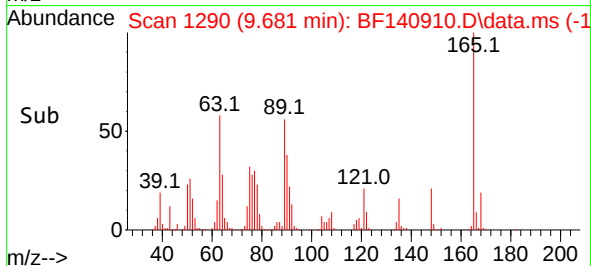
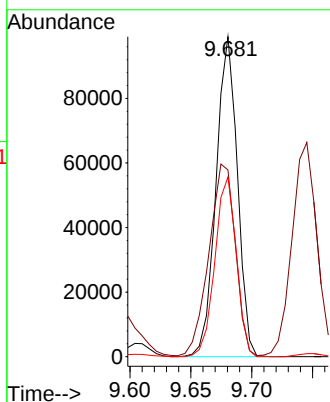
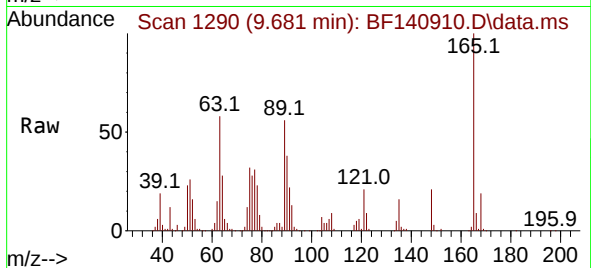
Tgt Ion:165 Resp: 120943

Ion Ratio Lower Upper

165 100

63 58.4 49.7 74.5

89 56.2 48.2 72.4



#52

Acenaphthene

Concen: 47.786 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

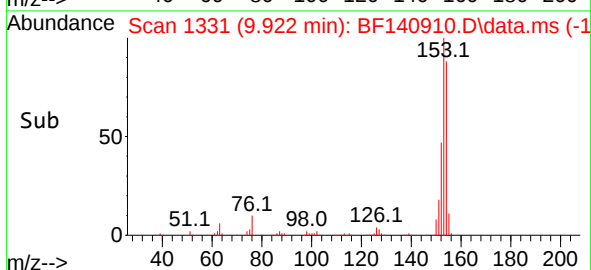
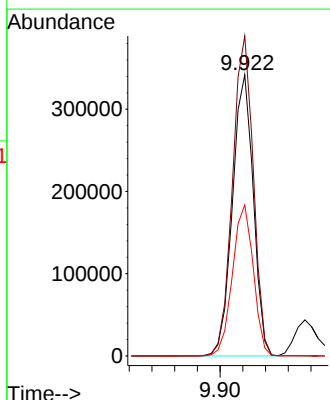
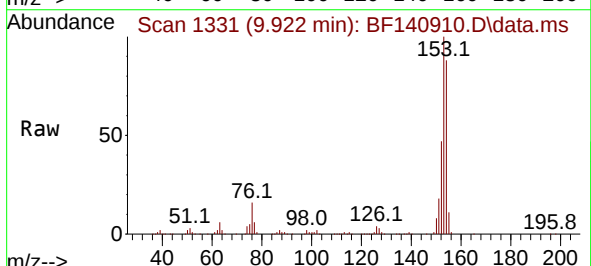
Tgt Ion:154 Resp: 435991

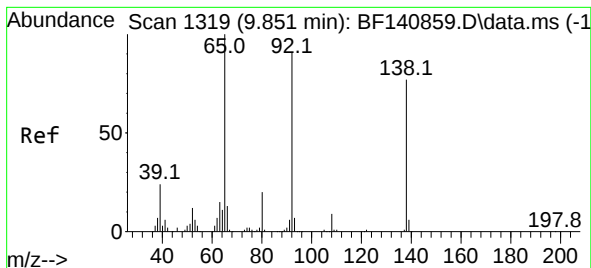
Ion Ratio Lower Upper

154 100

153 113.8 89.9 134.9

152 53.7 42.6 63.8





#53

3-Nitroaniline

Concen: 28.035 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

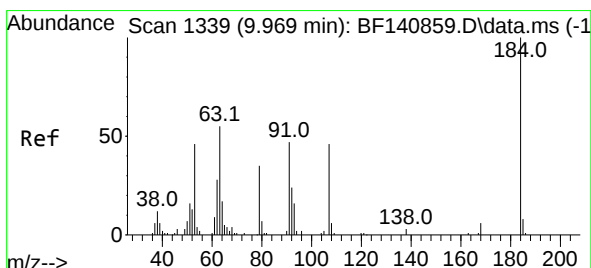
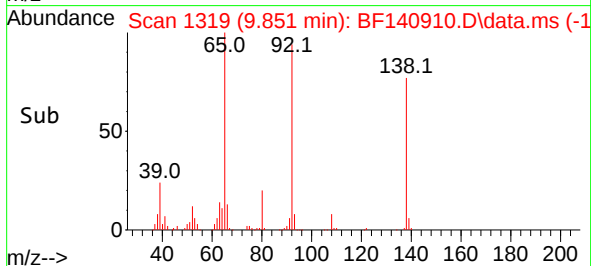
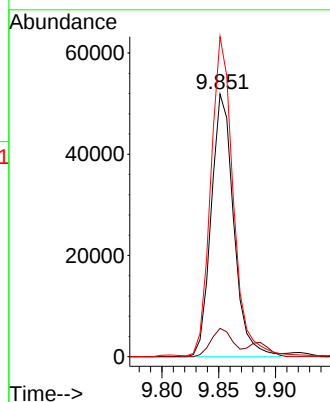
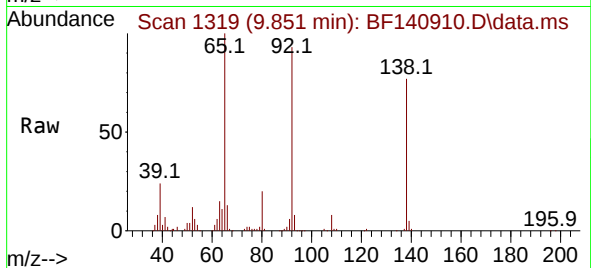
Tgt Ion:138 Resp: 71643

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

92 121.9 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 84.477 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

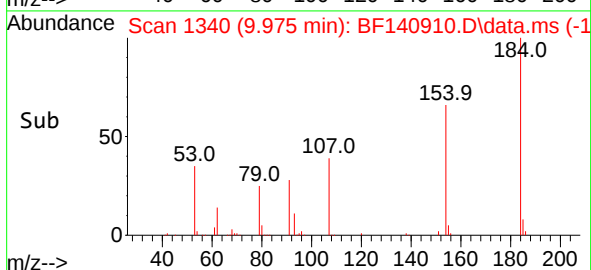
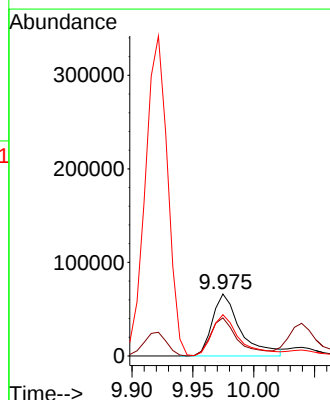
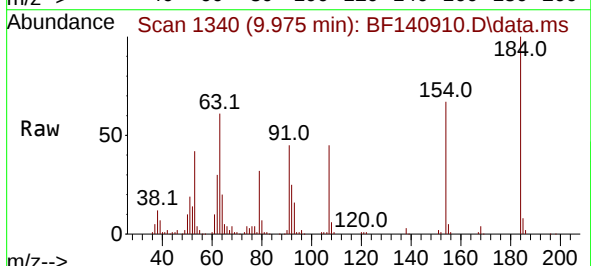
Tgt Ion:184 Resp: 106643

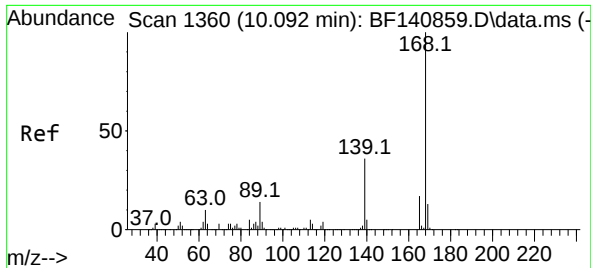
Ion Ratio Lower Upper

184 100

63 61.3 51.6 77.4

154 66.5 56.1 84.1

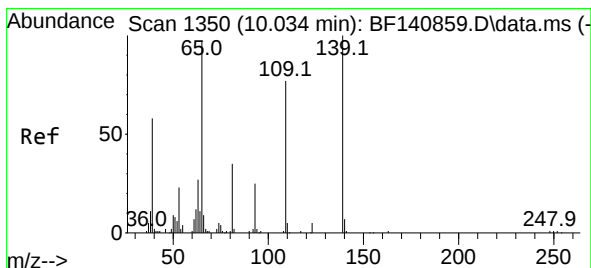
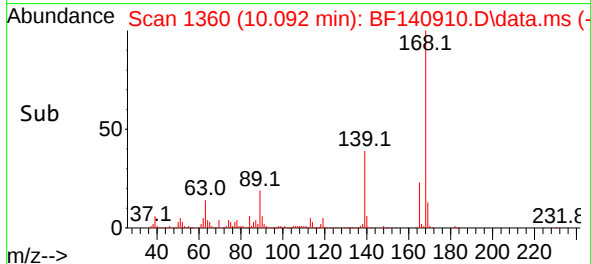
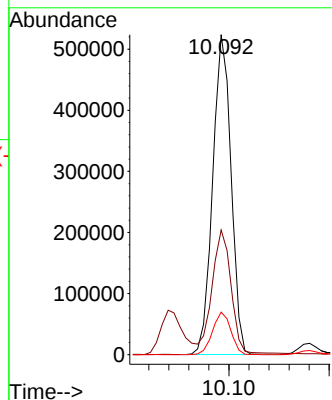
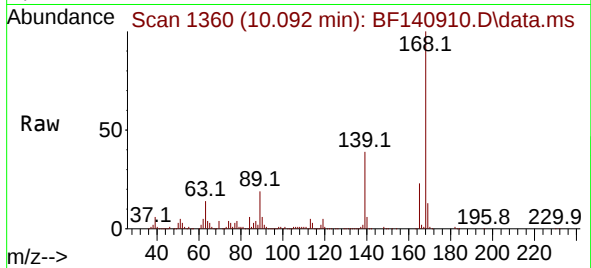




#55
Dibenzenofuran
Concen: 46.988 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

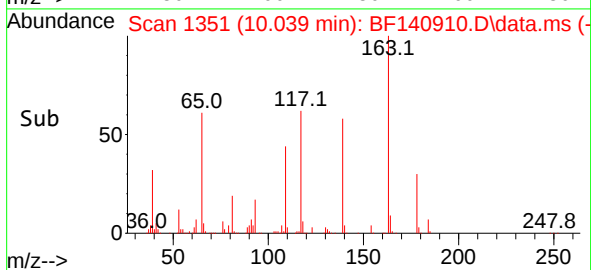
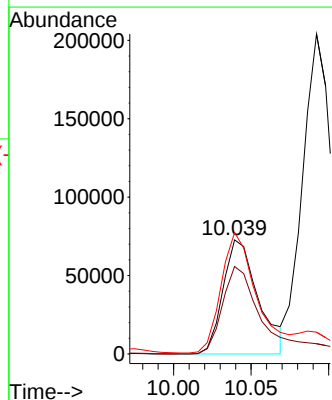
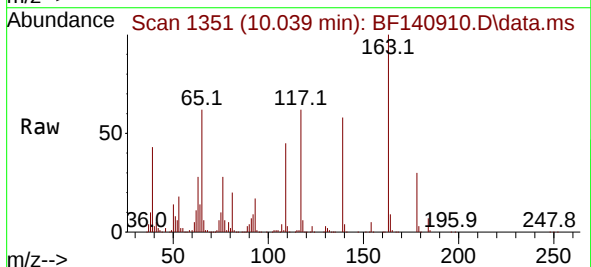
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

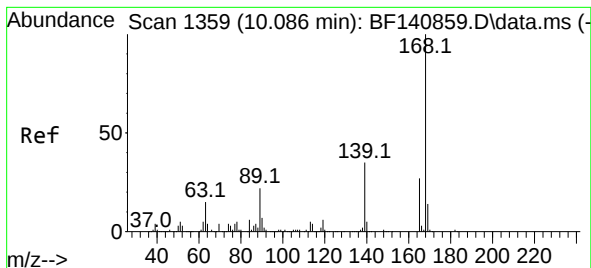
Tgt Ion:168 Resp: 664321
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 83.125 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:139 Resp: 114518
Ion Ratio Lower Upper
139 100
109 76.6 56.7 96.7
65 106.4 78.1 118.1

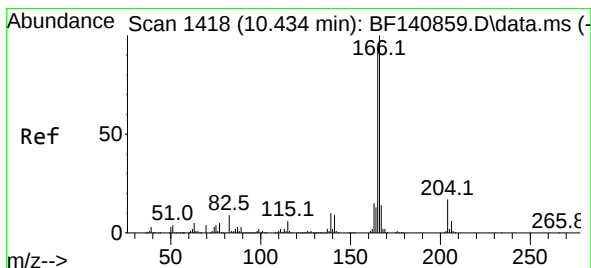
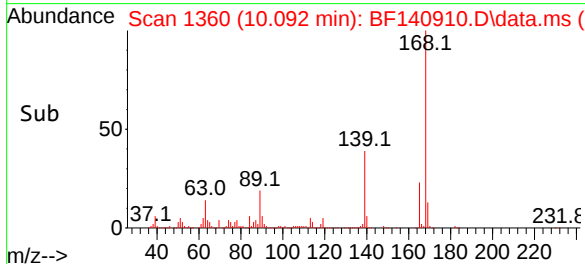
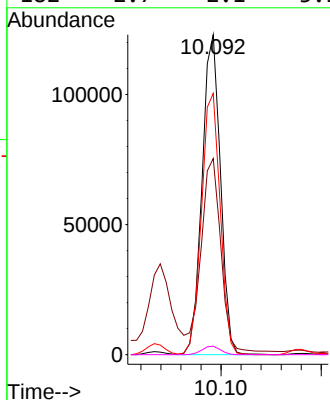
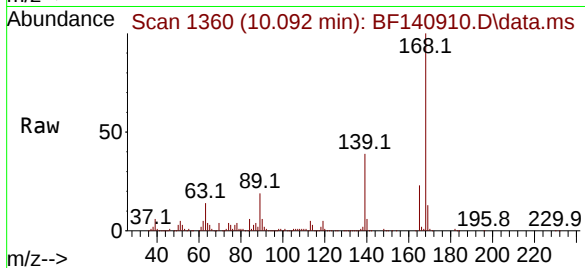




#57
2,4-Dinitrotoluene
Concen: 46.241 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

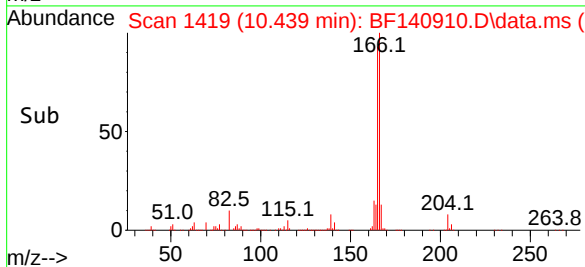
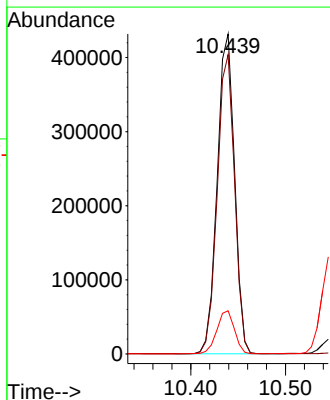
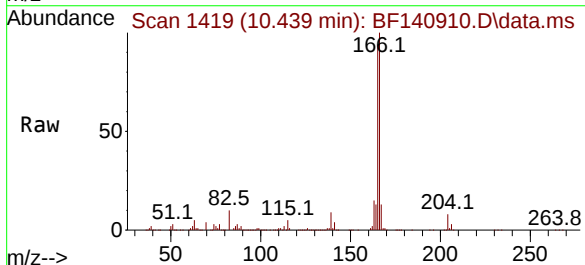
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

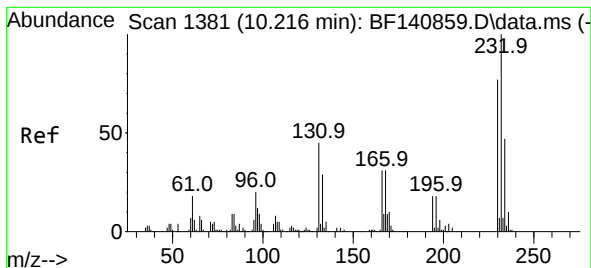
Tgt Ion:165 Resp: 156673
Ion Ratio Lower Upper
165 100
63 61.3 49.3 73.9
89 81.7 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 47.089 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

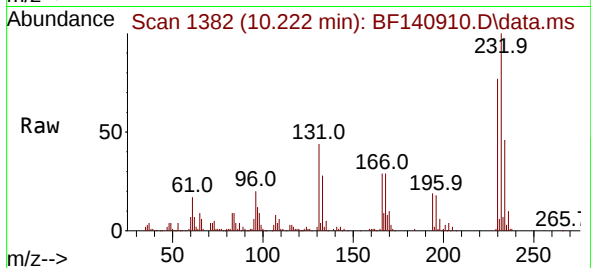
Tgt Ion:166 Resp: 549228
Ion Ratio Lower Upper
166 100
165 93.5 75.1 112.7
167 13.5 11.1 16.7



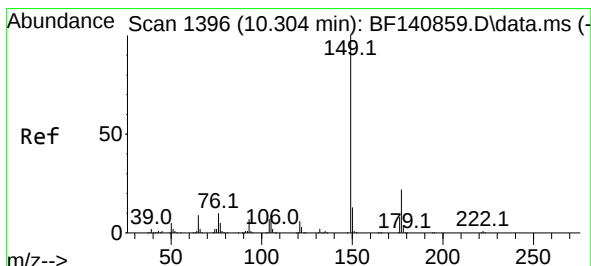
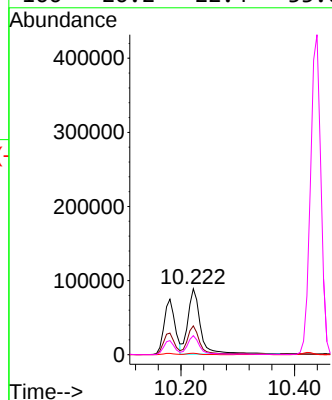
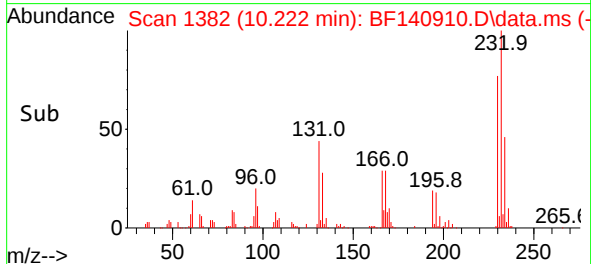


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.994 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

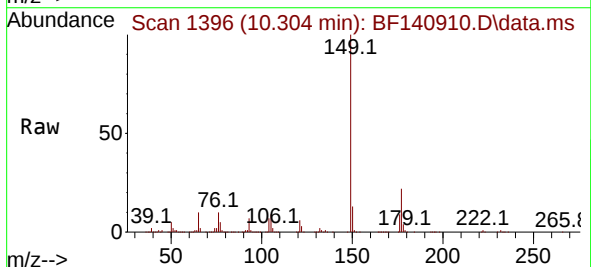
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD



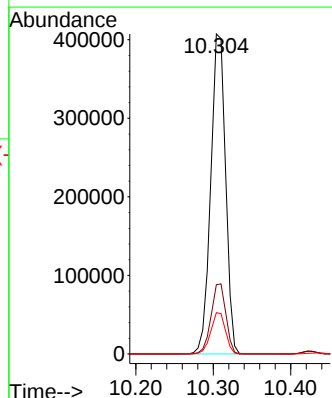
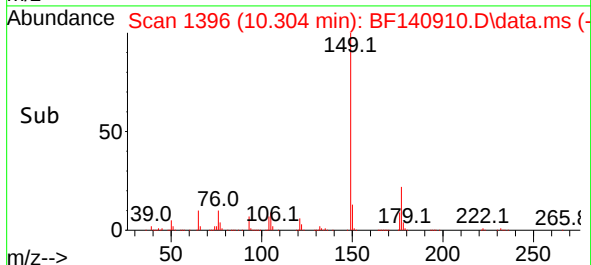
Tgt Ion:232 Resp: 134641
Ion Ratio Lower Upper
232 100
131 39.6 35.1 52.7
130 2.2 1.8 2.8
166 26.2 22.4 33.6

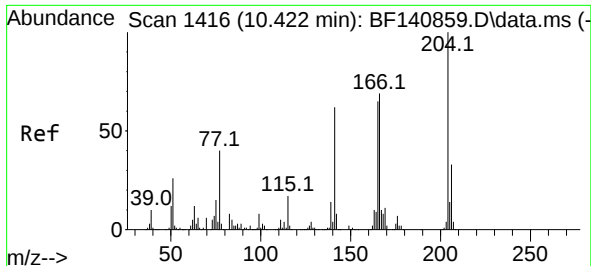


#60
Diethylphthalate
Concen: 46.472 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12



Tgt Ion:149 Resp: 542825
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.9 10.1 15.1

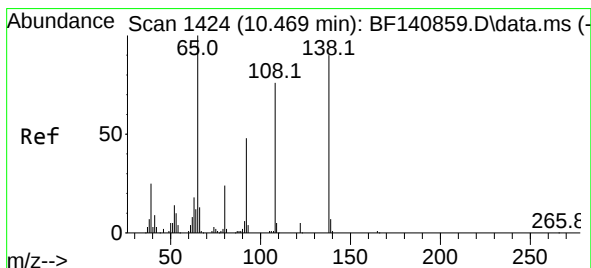
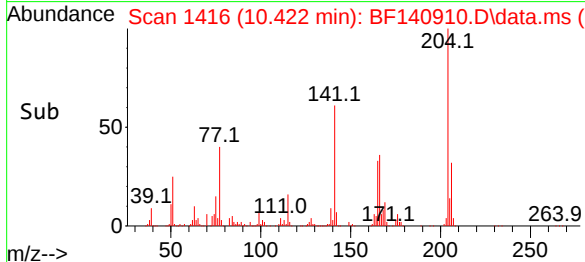
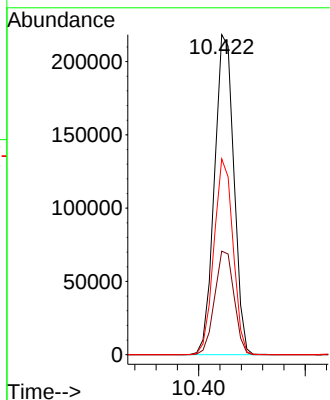
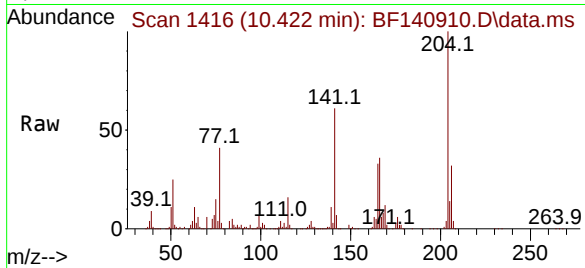




#61
4-Chlorophenyl-phenylether
Concen: 47.074 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

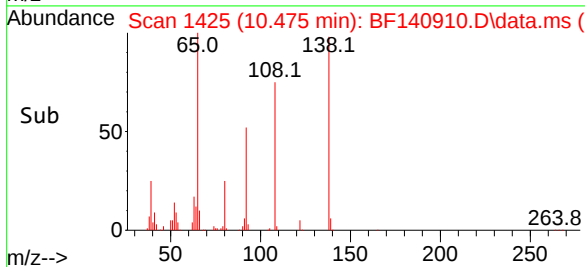
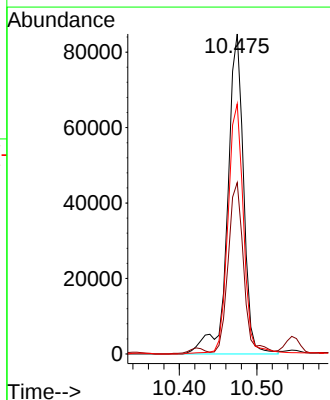
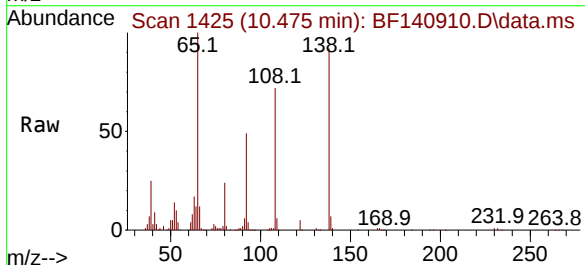
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

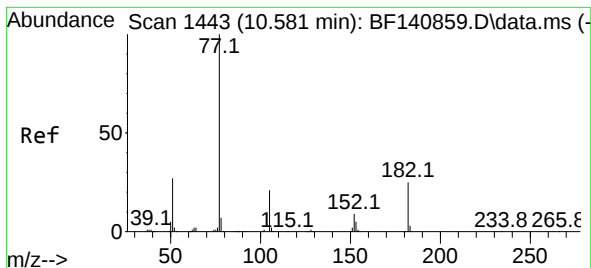
Tgt Ion:204 Resp: 275805
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.2 50.0 75.0



#62
4-Nitroaniline
Concen: 45.636 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:138 Resp: 121870
Ion Ratio Lower Upper
138 100
92 53.6 32.6 72.6
108 78.2 64.1 104.1





#63

Azobenzene

Concen: 52.020 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

Tgt Ion: 77 Resp: 571243

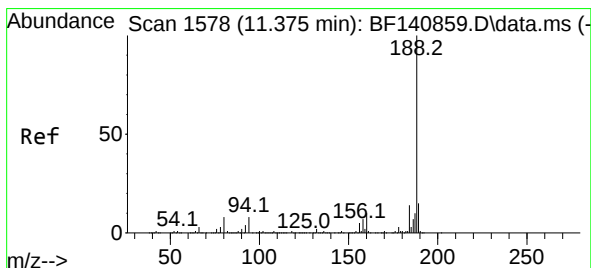
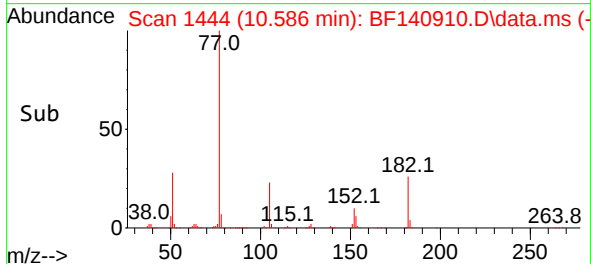
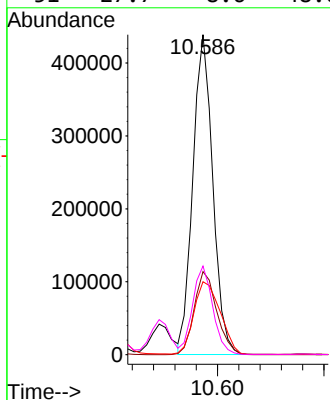
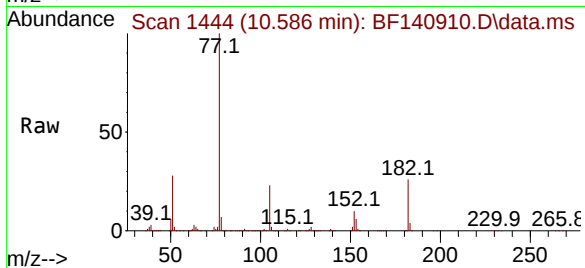
Ion Ratio Lower Upper

77 100

182 26.0 4.5 44.5

105 22.8 0.9 40.9

51 27.7 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

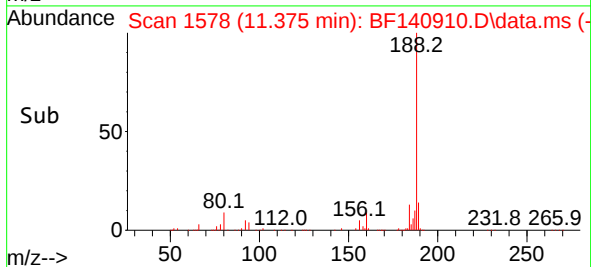
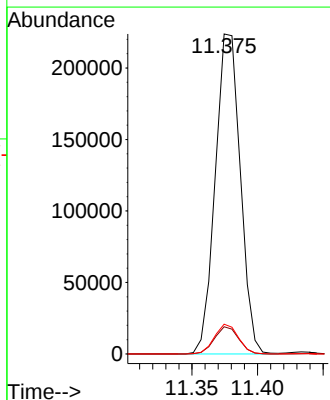
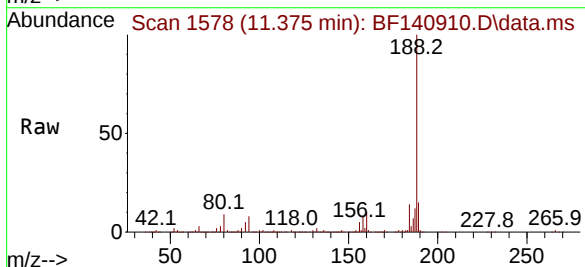
Tgt Ion: 188 Resp: 297605

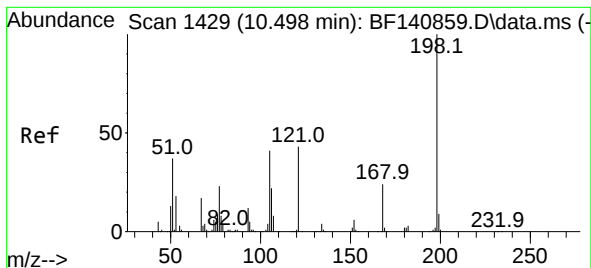
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.3 6.8 10.2

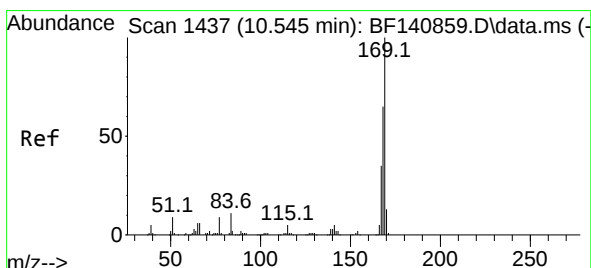
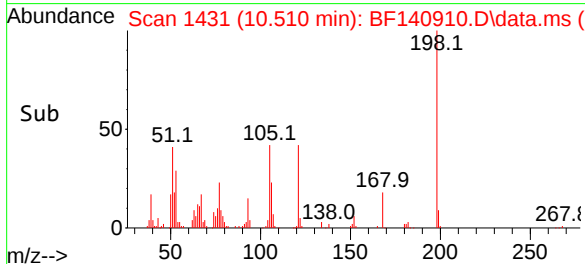
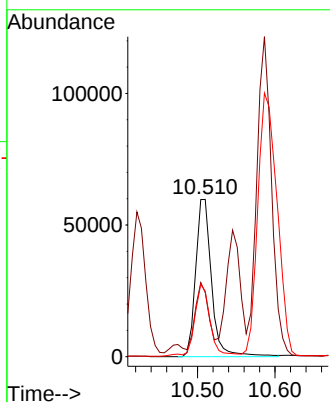
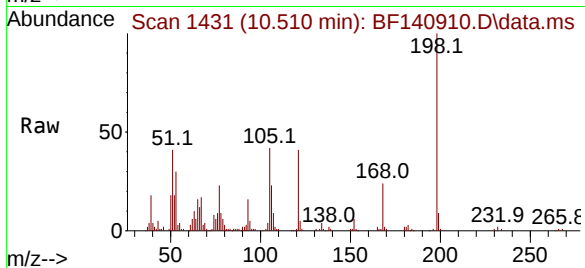




#65
4,6-Dinitro-2-methylphenol
Concen: 50.482 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

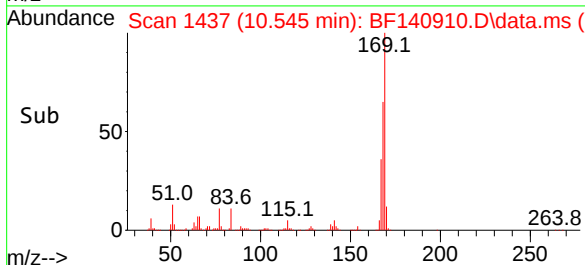
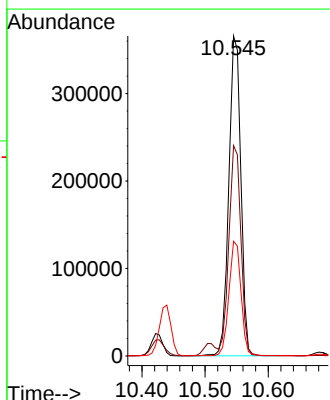
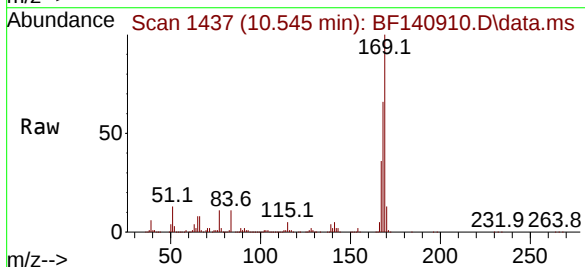
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

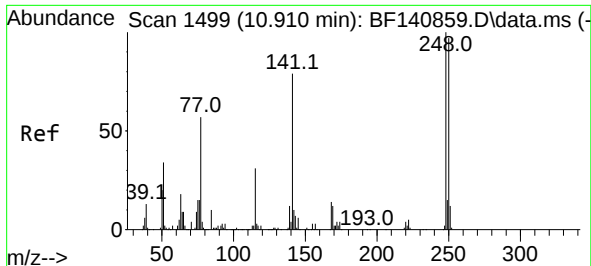
Tgt Ion:198 Resp: 85133
Ion Ratio Lower Upper
198 100
51 40.8 24.4 64.4
105 41.6 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 52.490 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:169 Resp: 480286
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 35.8 28.3 42.5

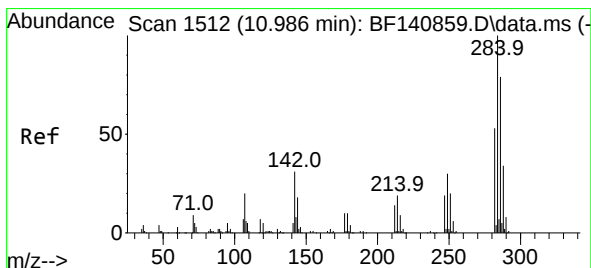
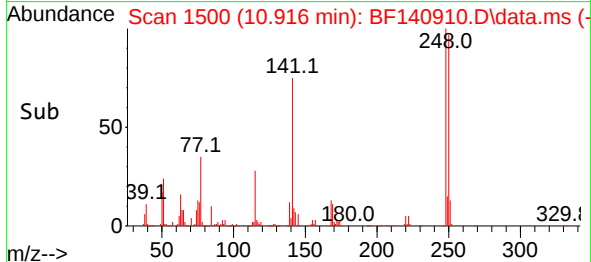
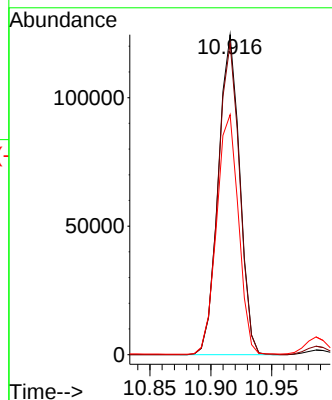
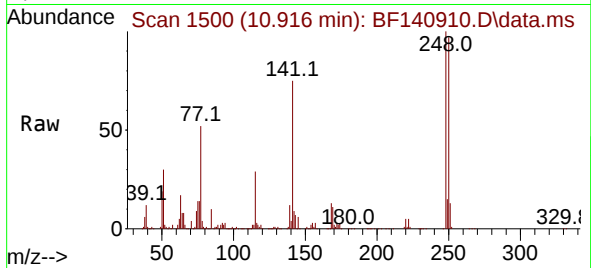




#67
4-Bromophenyl-phenylether
Concen: 45.704 ng
RT: 10.916 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

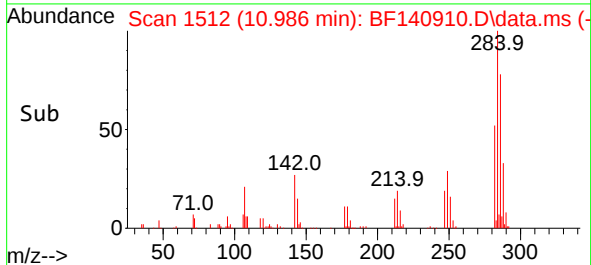
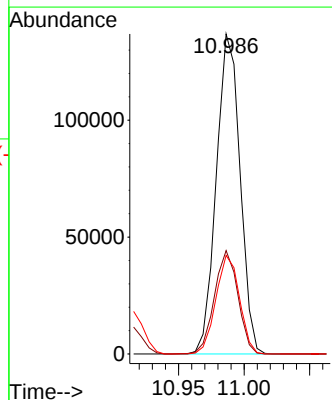
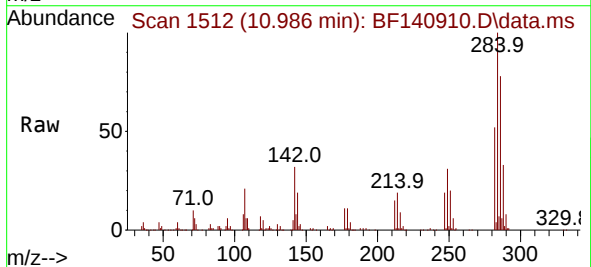
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

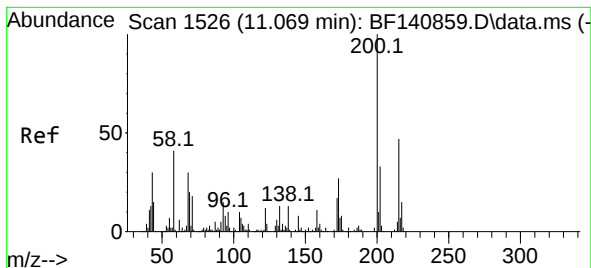
Tgt Ion:248 Resp: 152167
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 75.0 62.9 94.3



#68
Hexachlorobenzene
Concen: 45.561 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:284 Resp: 171984
Ion Ratio Lower Upper
284 100
142 32.3 24.6 36.8
249 30.8 24.3 36.5





#69

Atrazine

Concen: 59.135 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

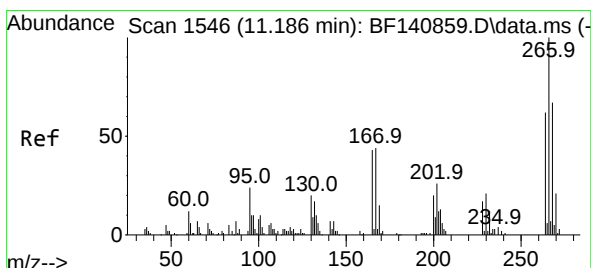
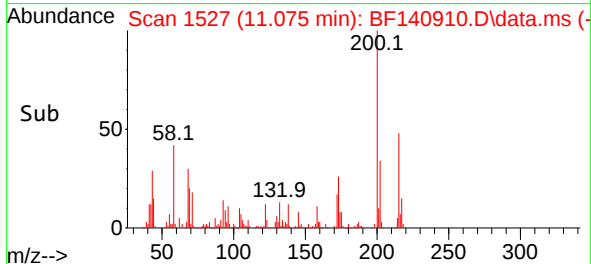
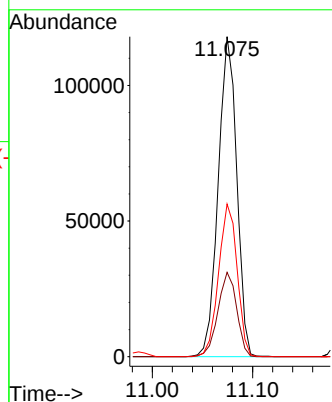
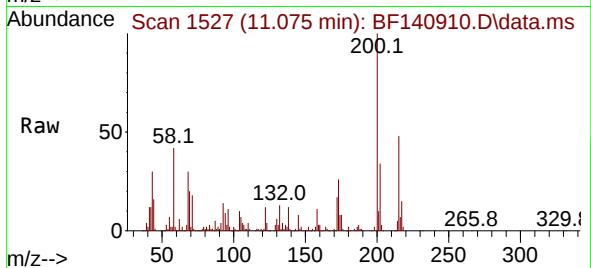
Tgt Ion:200 Resp: 151118

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 88.310 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

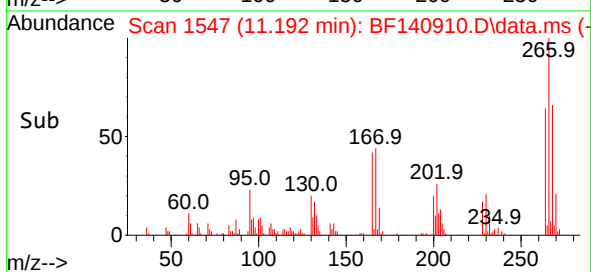
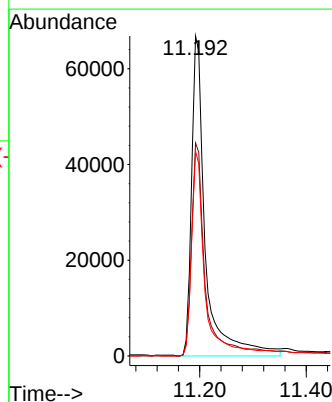
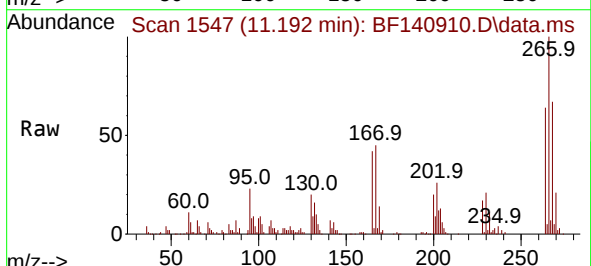
Tgt Ion:266 Resp: 121877

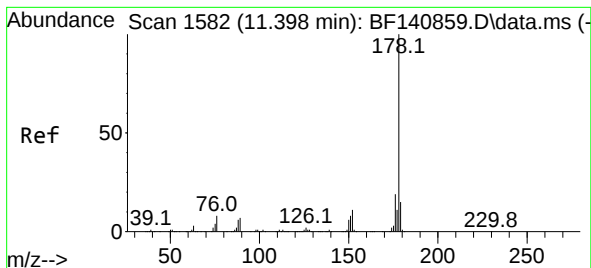
Ion Ratio Lower Upper

266 100

268 66.6 54.0 81.0

264 64.0 49.4 74.2





#71

Phenanthrene

Concen: 50.162 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

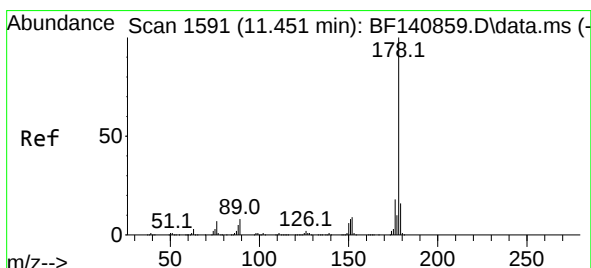
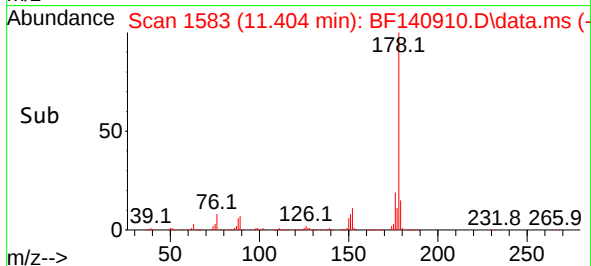
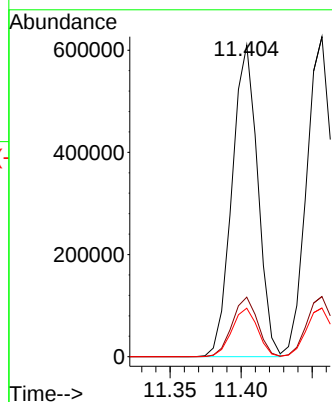
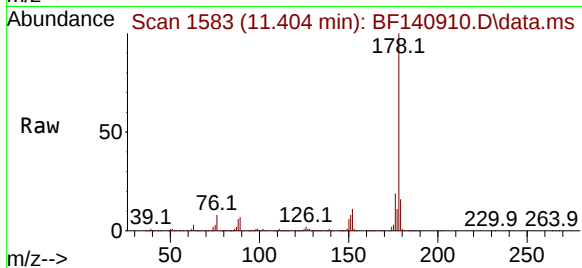
Tgt Ion:178 Resp: 767681

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 52.683 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

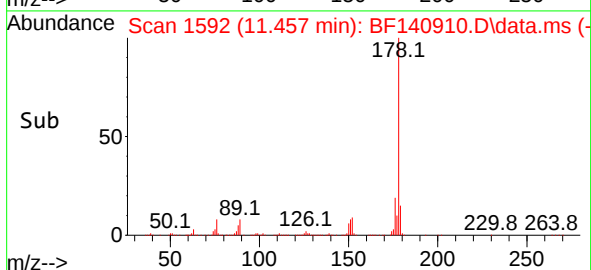
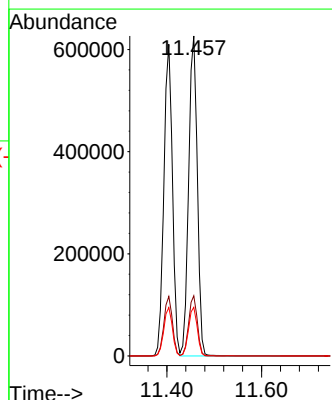
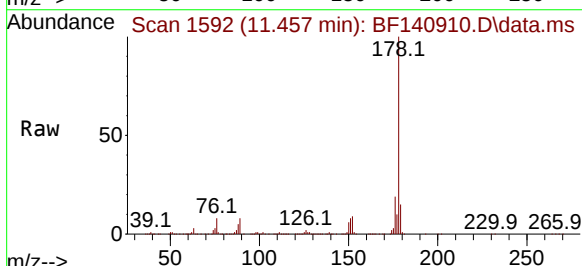
Tgt Ion:178 Resp: 794007

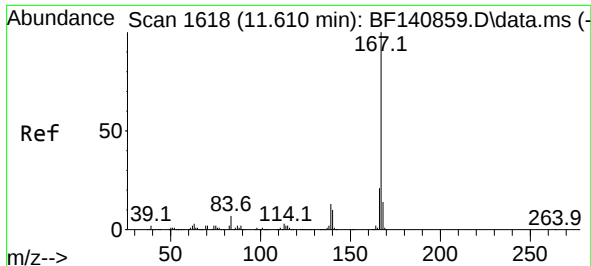
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.2 12.6 18.8

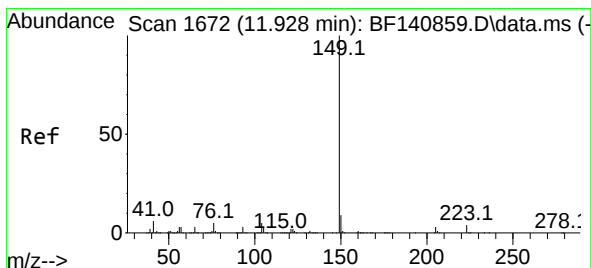
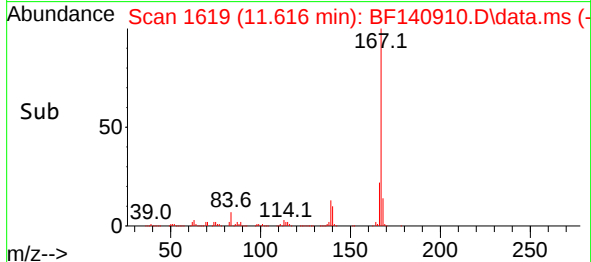
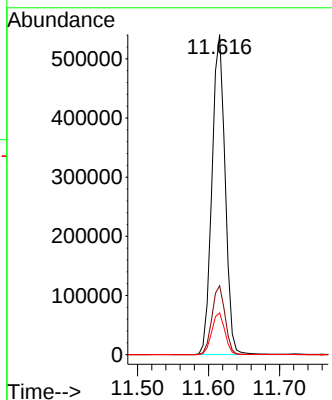
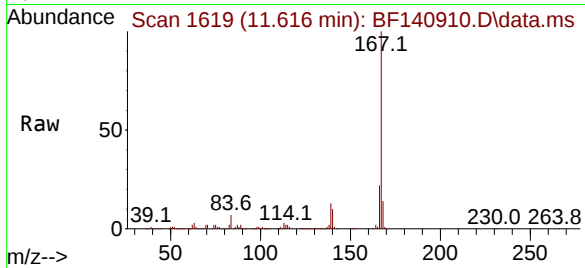




#73
Carbazole
Concen: 46.980 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

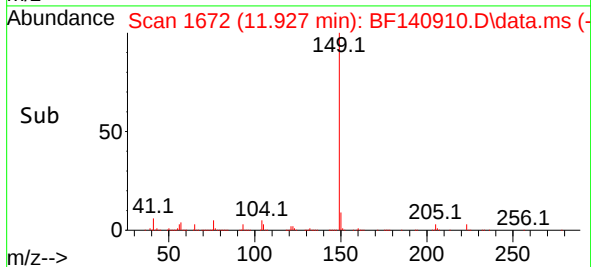
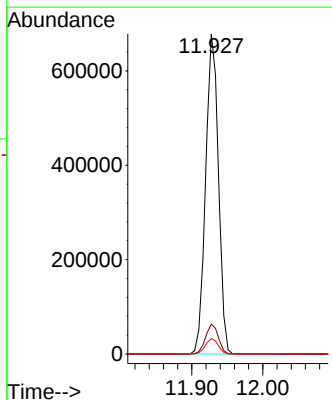
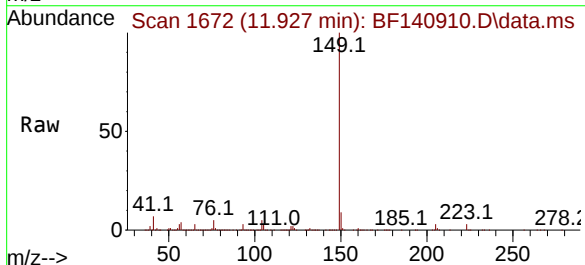
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

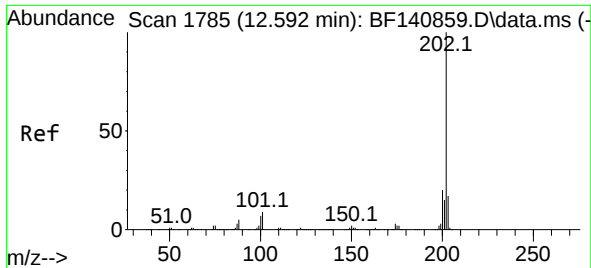
Tgt Ion:167 Resp: 693535
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.1 10.2 15.2



#74
Di-n-butylphthalate
Concen: 49.058 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:149 Resp: 849944
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.8 3.8 5.8

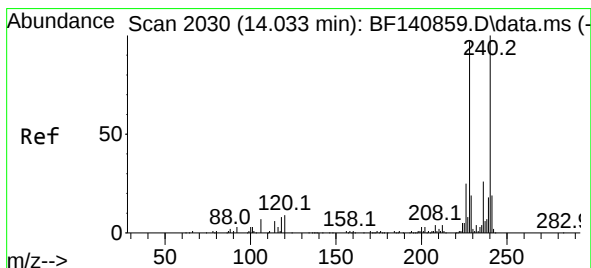
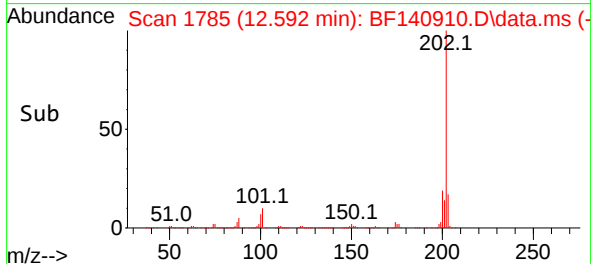
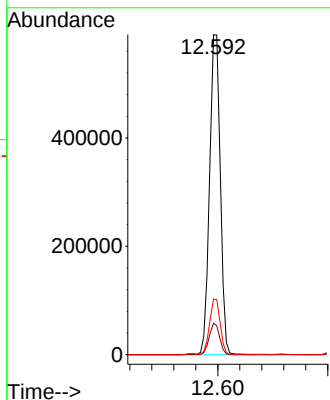
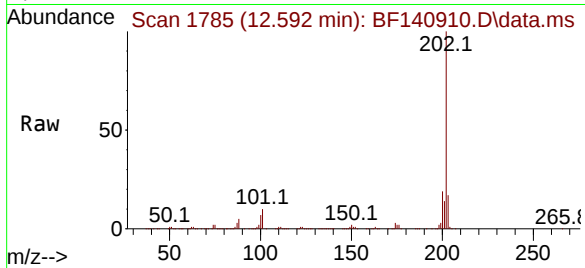




#75
Fluoranthene
Concen: 45.433 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

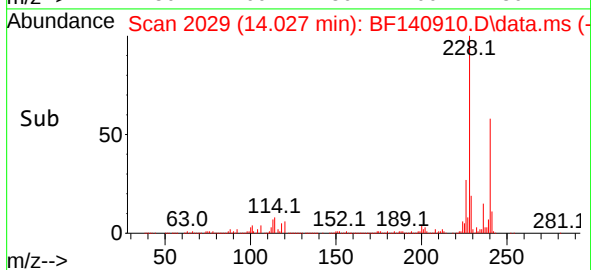
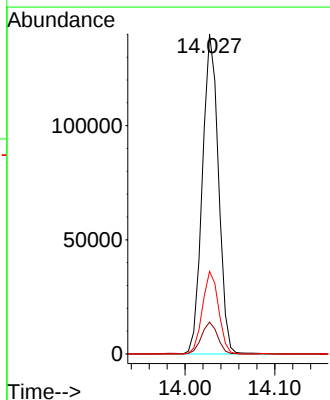
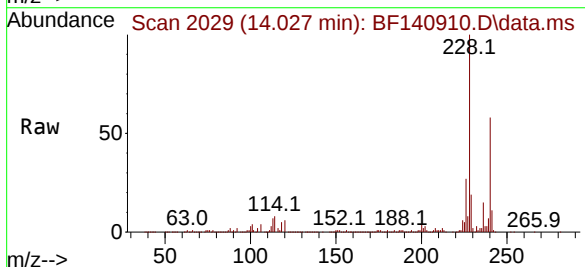
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

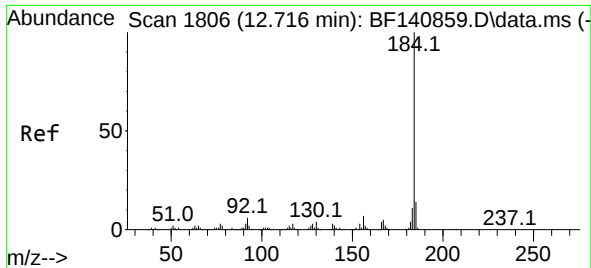
Tgt Ion:202 Resp: 800765
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

Tgt Ion:240 Resp: 174501
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.8 20.5 30.7

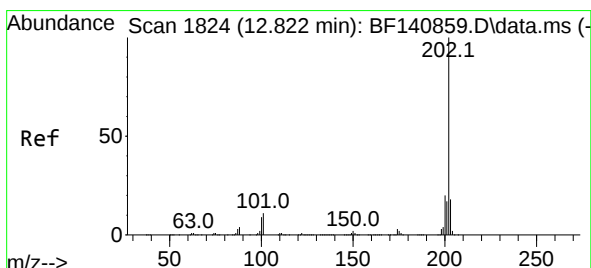
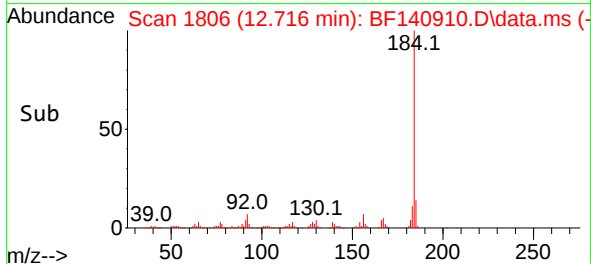
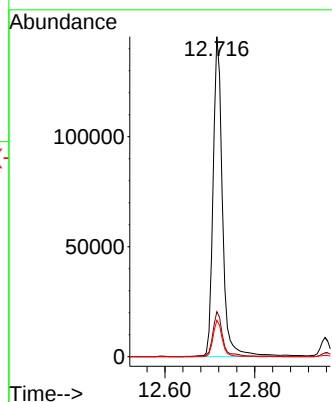
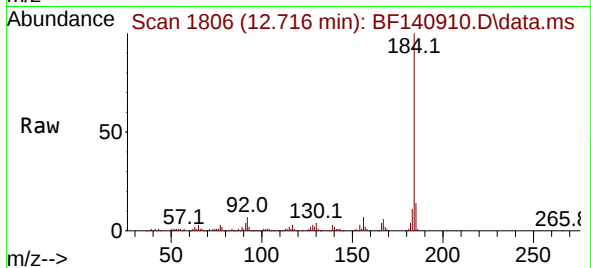




#77
Benzidine
Concen: 59.309 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

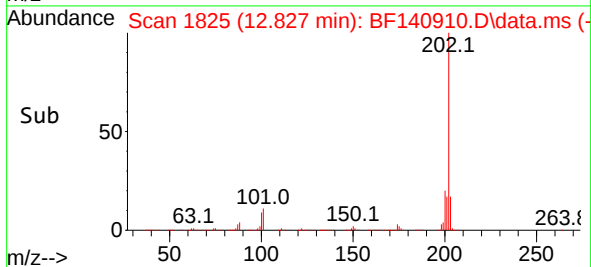
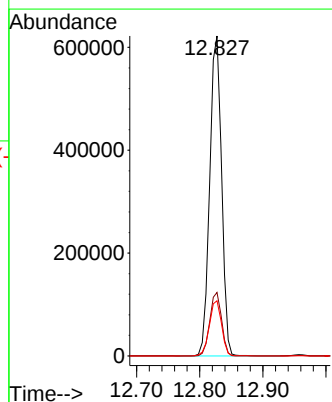
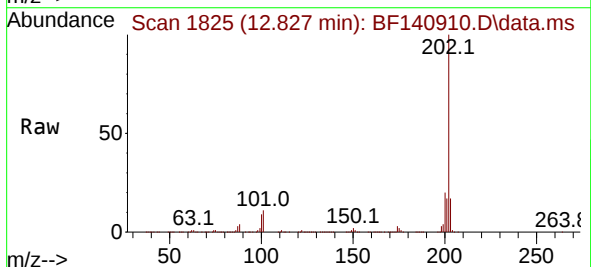
Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

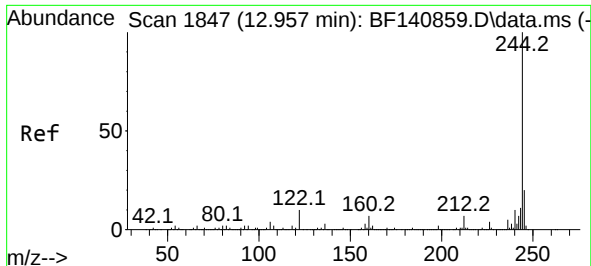
Tgt Ion:184 Resp: 211228
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.3 9.0 13.4



#78
Pyrene
Concen: 52.188 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140910.D
Acq: 18 Dec 2024 17:12

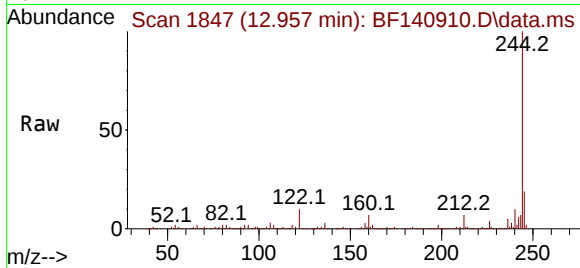
Tgt Ion:202 Resp: 809838
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.3 14.2 21.4



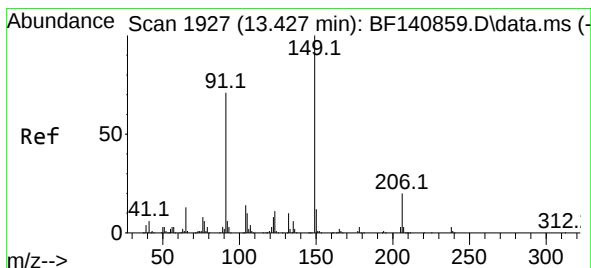
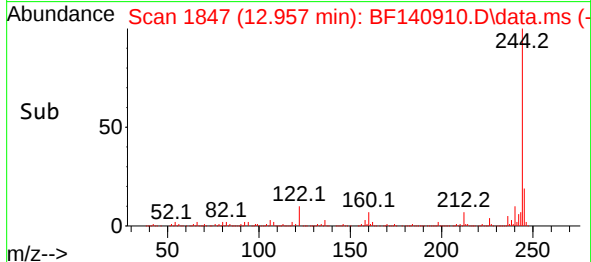
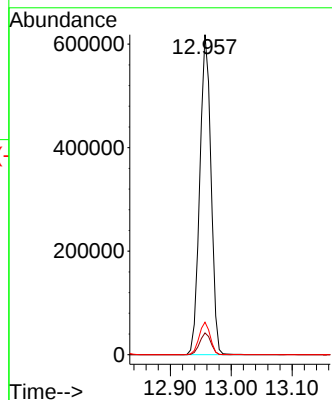


#79
 Terphenyl-d14
 Concen: 71.529 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1AMSD

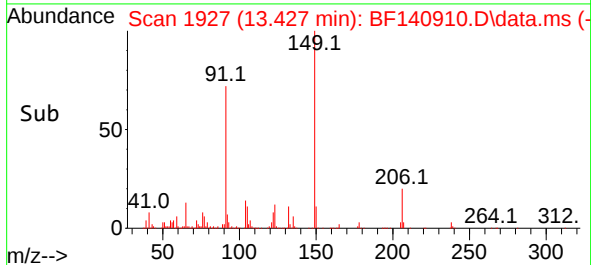
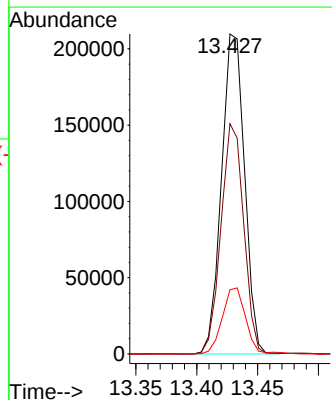
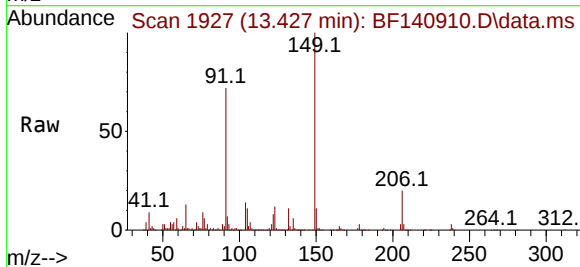


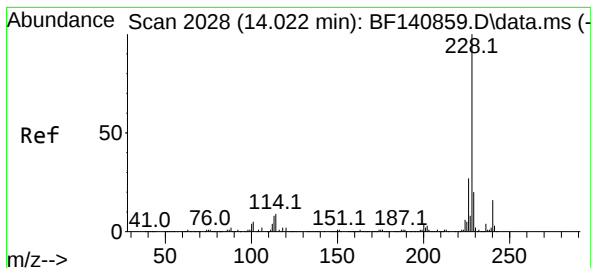
Tgt Ion:244 Resp: 791563
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.498 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

Tgt Ion:149 Resp: 276908
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.7 85.1
 206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.601 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

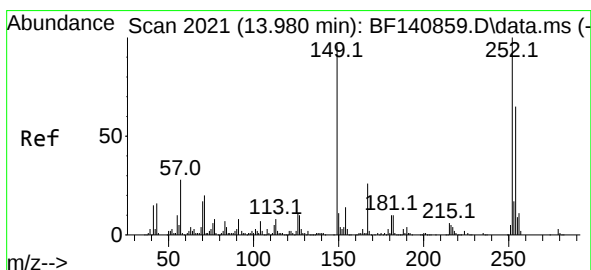
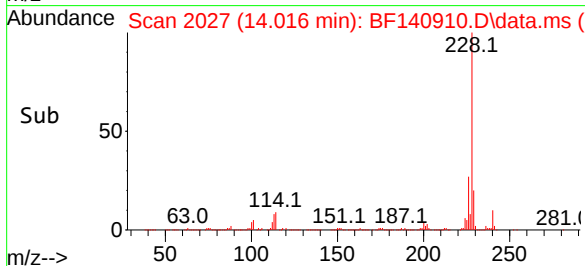
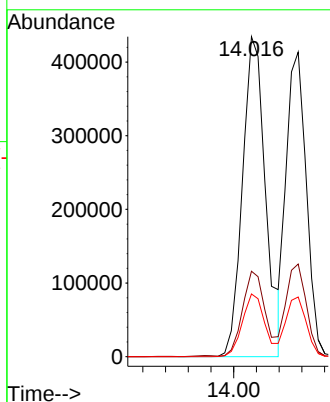
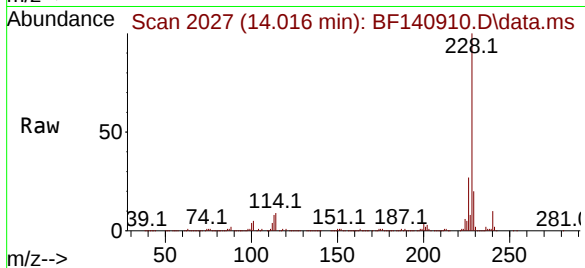
Tgt Ion:228 Resp: 613436

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 28.840 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

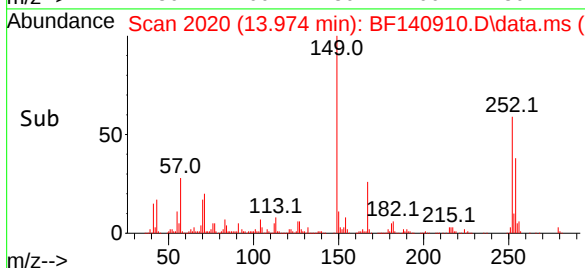
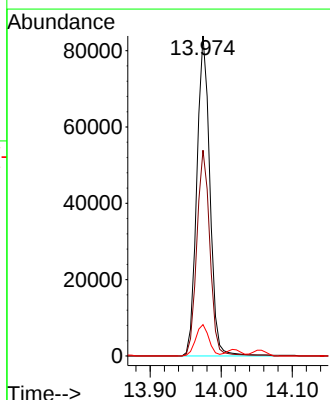
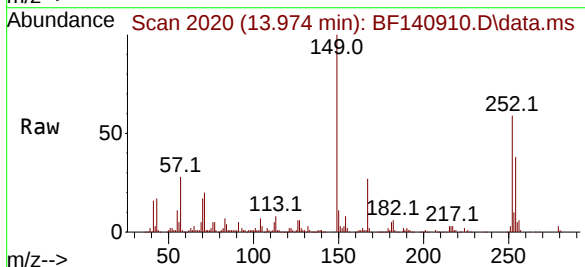
Tgt Ion:252 Resp: 107611

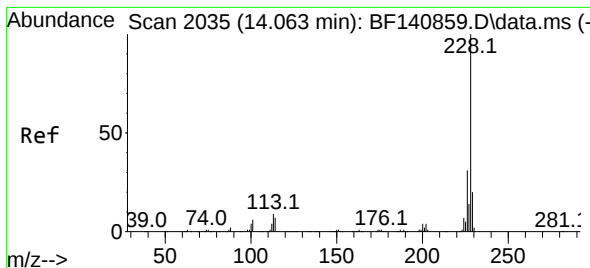
Ion Ratio Lower Upper

252 100

254 64.3 52.3 78.5

126 9.8 8.4 12.6





#83

Chrysene

Concen: 45.162 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

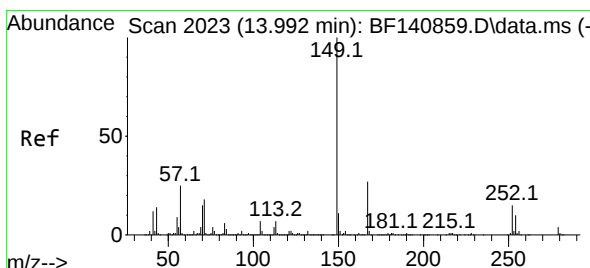
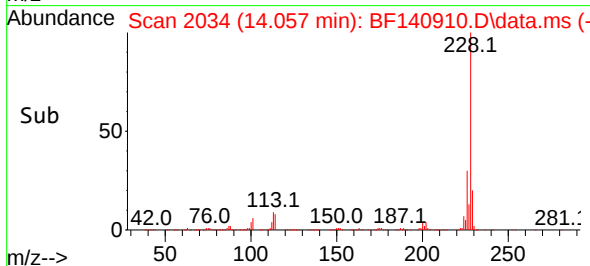
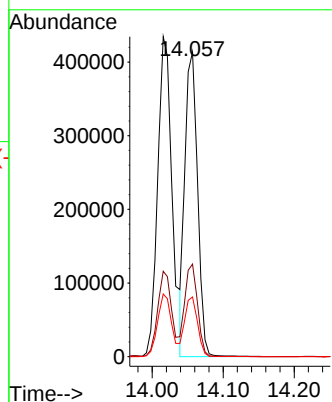
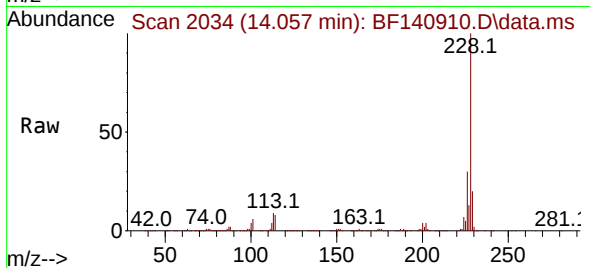
Tgt Ion:228 Resp: 507901

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.097 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

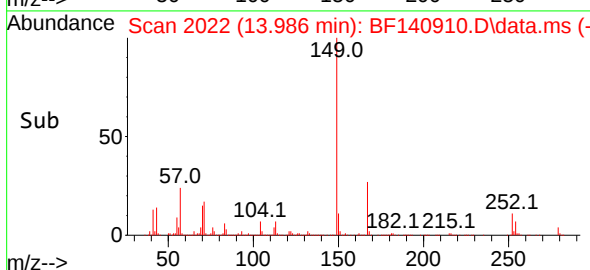
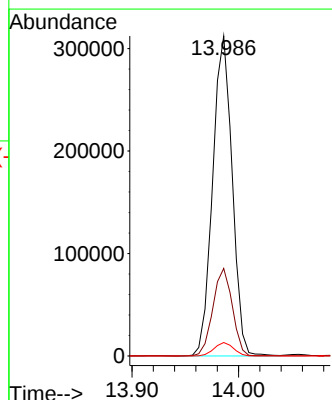
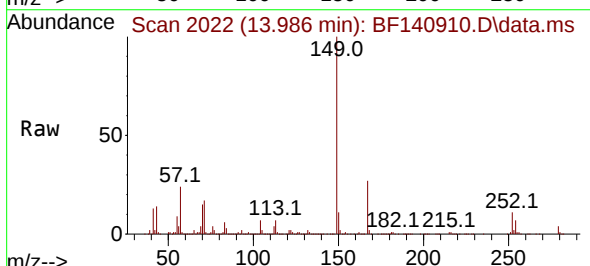
Tgt Ion:149 Resp: 398277

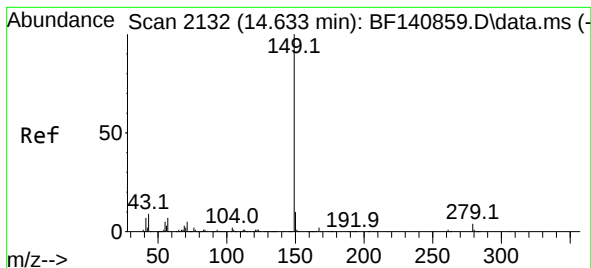
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 60.051 ng

RT: 14.604 min Scan# 2127

Delta R.T. -0.030 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

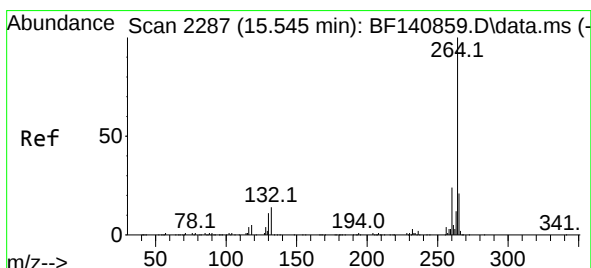
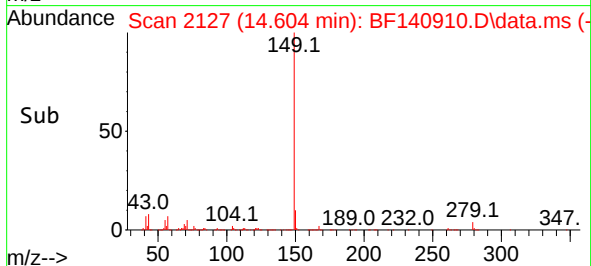
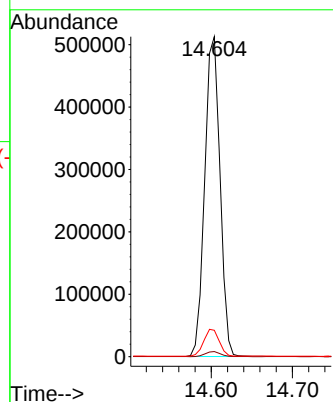
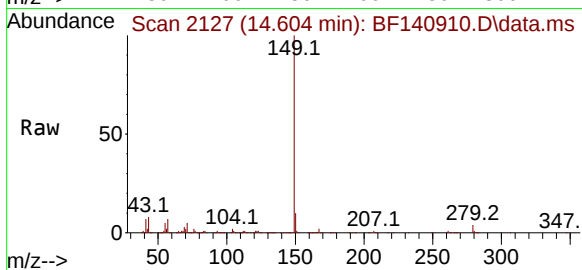
Tgt Ion:149 Resp: 668869

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.035 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

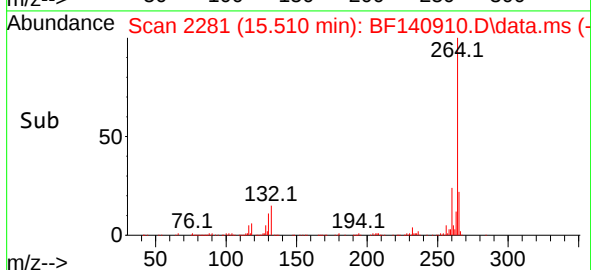
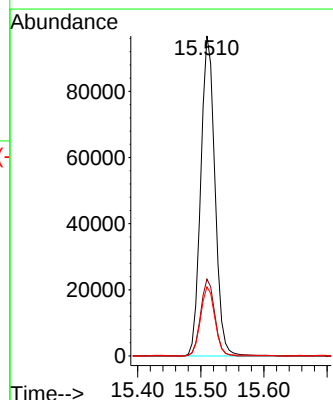
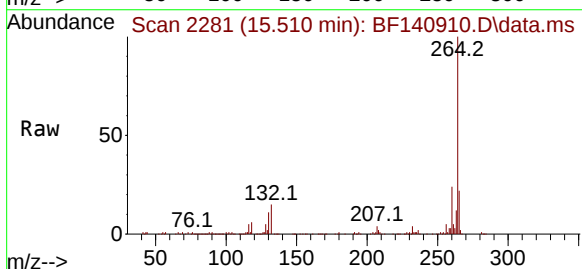
Tgt Ion:264 Resp: 150856

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.974 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

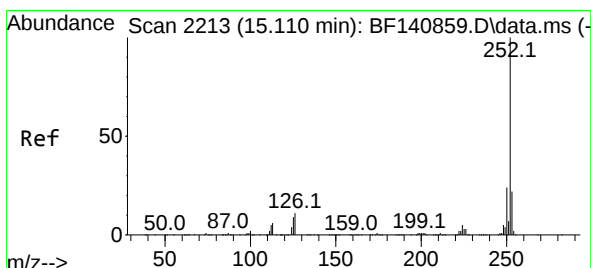
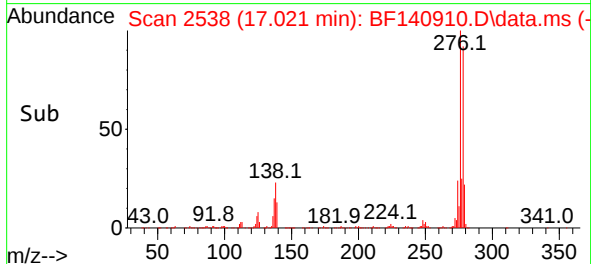
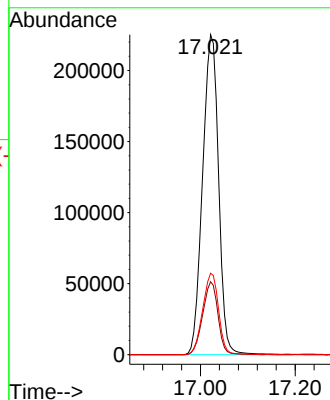
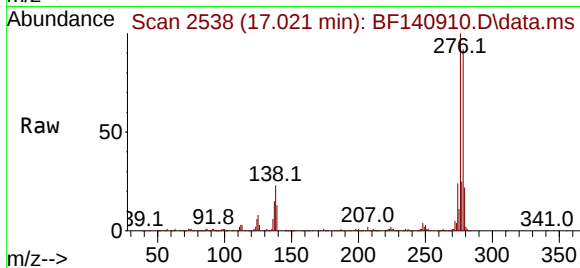
Tgt Ion:276 Resp: 526943

Ion Ratio Lower Upper

276 100

138 21.9 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 53.035 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.030 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

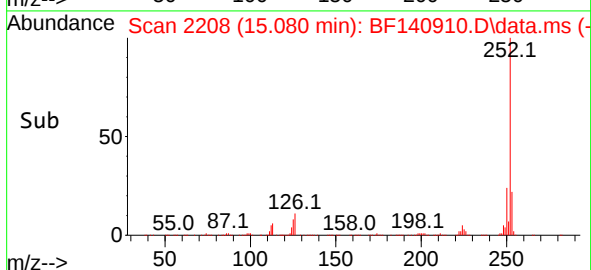
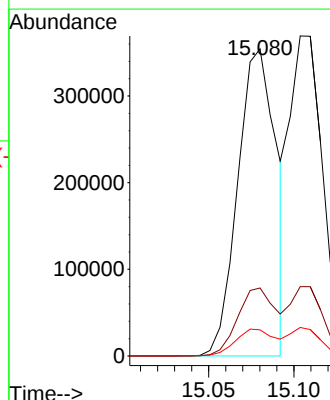
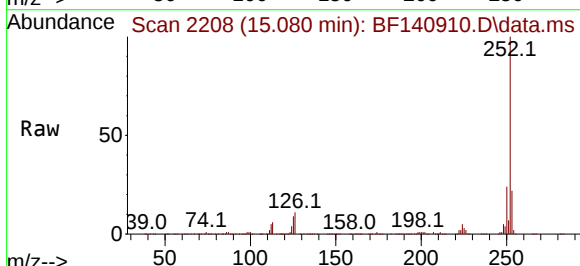
Tgt Ion:252 Resp: 555365

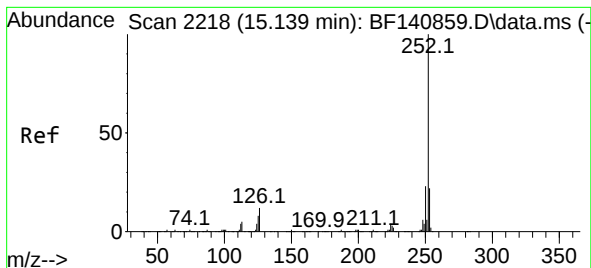
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 55.973 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

Instrument :

BNA_F

ClientSampleId :

COMP-1AMSD

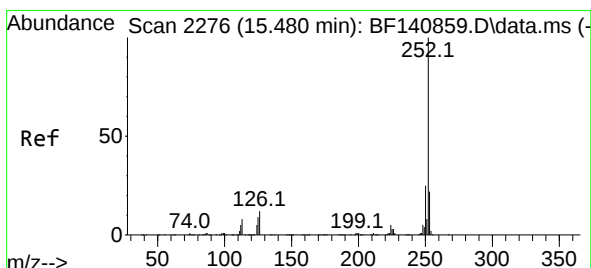
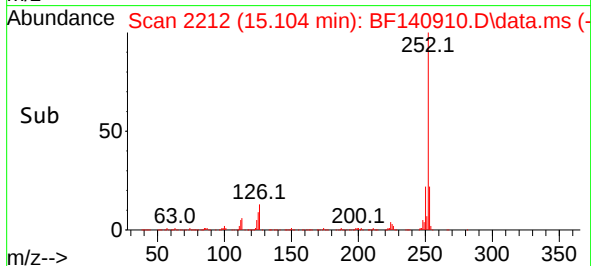
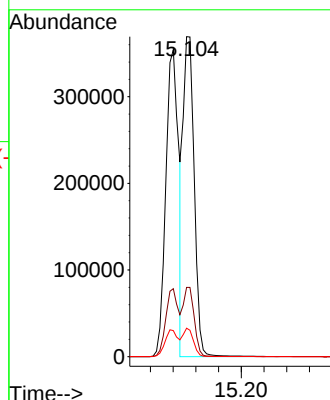
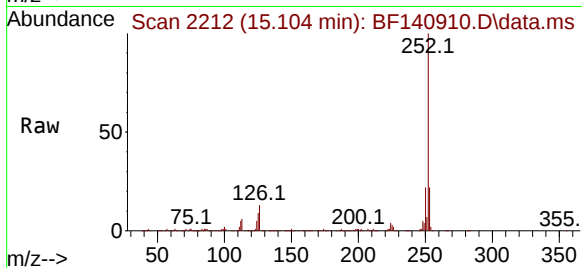
Tgt Ion:252 Resp: 502785

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 51.853 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.029 min

Lab File: BF140910.D

Acq: 18 Dec 2024 17:12

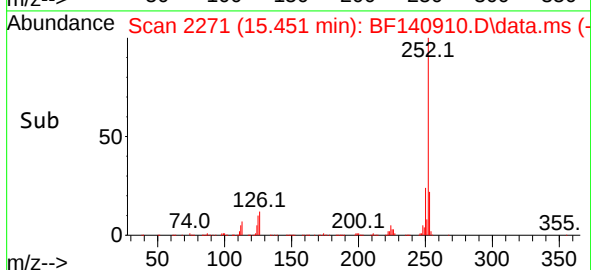
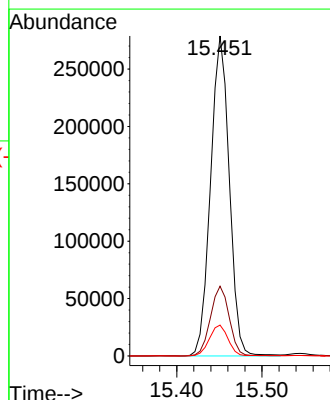
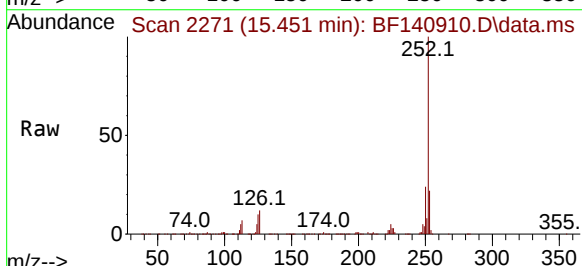
Tgt Ion:252 Resp: 425179

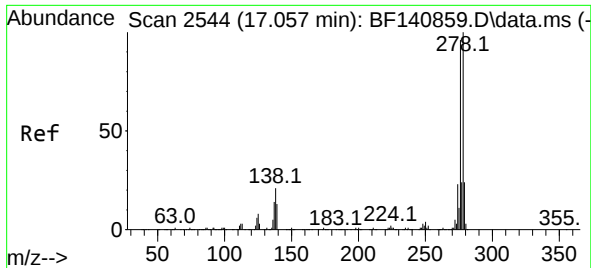
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 7.5 11.3

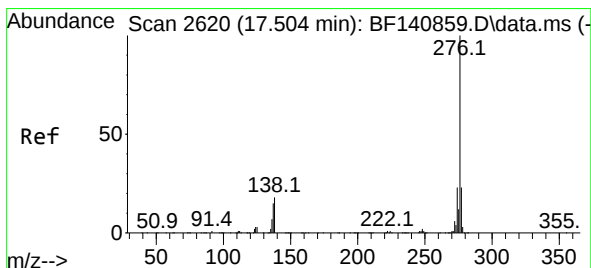
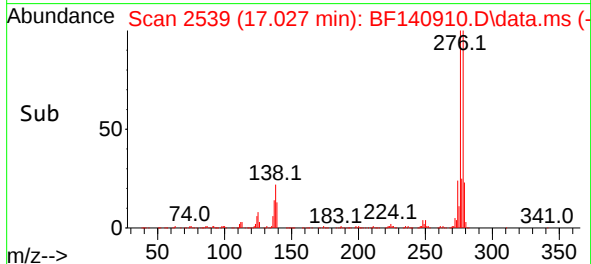
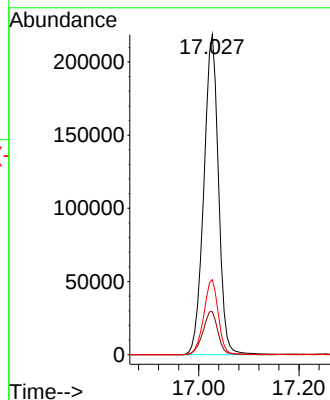
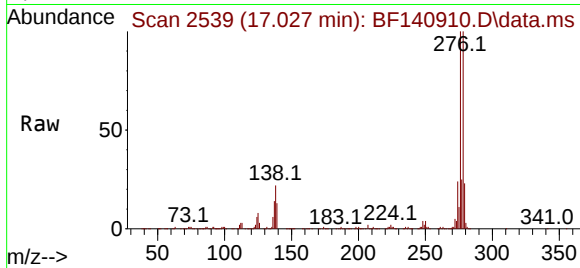




#91
 Dibenzo(a,h)anthracene
 Concen: 56.930 ng
 RT: 17.027 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1AMSD

Tgt Ion:278 Resp: 443997
 Ion Ratio Lower Upper
 278 100
 139 13.4 10.6 16.0
 279 23.4 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 43.069 ng
 RT: 17.474 min Scan# 2615
 Delta R.T. -0.029 min
 Lab File: BF140910.D
 Acq: 18 Dec 2024 17:12

Tgt Ion:276 Resp: 341863
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.7 28.1
 138 17.6 14.2 21.2

