

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140892.D
 Acq On : 17 Dec 2024 18:15
 Operator : RC/JU
 Sample : P5301-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Quant Time: Dec 18 00:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	46342	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	162145	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	82513	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	150674	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	126293	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	116114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	287845	102.250	ng	0.01
7) Phenol-d6	6.504	99	363277	97.429	ng	0.00
23) Nitrobenzene-d5	7.416	82	230057	70.986	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	99499	101.957	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	412506	68.733	ng	0.00
79) Terphenyl-d14	12.957	244	429995	53.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	52100	42.967	ng	98
3) Pyridine	3.434	79	128980	45.931	ng	99
4) n-Nitrosodimethylamine	3.375	42	67906	47.968	ng	99
6) Aniline	6.522	93	79823	25.038	ng	# 57
8) 2-Chlorophenol	6.645	128	140230	45.679	ng	99
9) Benzaldehyde	6.410	77	31335	15.167	ng	96
10) Phenol	6.516	94	175232	45.344	ng	95
11) bis(2-Chloroethyl)ether	6.587	93	138203	47.954	ng	98
12) 1,3-Dichlorobenzene	6.792	146	155299	44.396	ng	99
13) 1,4-Dichlorobenzene	6.869	146	156681	44.126	ng	99
14) 1,2-Dichlorobenzene	7.022	146	148410	44.299	ng	99
15) Benzyl Alcohol	6.998	79	127680	47.892	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	156488	46.093	ng	85
17) 2-Methylphenol	7.122	107	109353	44.617	ng	97
18) Hexachloroethane	7.357	117	50753	38.395	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	99778	44.611	ng	99
20) 3+4-Methylphenols	7.281	107	142857	43.956	ng	# 67
22) Acetophenone	7.257	105	206614	50.939	ng	94
24) Nitrobenzene	7.434	77	148681	44.781	ng	99
25) Isophorone	7.675	82	266054	48.995	ng	99
26) 2-Nitrophenol	7.751	139	62581	40.925	ng	98
27) 2,4-Dimethylphenol	7.792	122	102923	57.633	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	156117	46.030	ng	97
29) 2,4-Dichlorophenol	8.010	162	114644	46.499	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	122935	43.496	ng	98
31) Naphthalene	8.151	128	403132	45.261	ng	100
32) Benzoic acid	7.934	122	69494	41.031	ng	89
33) 4-Chloroaniline	8.216	127	60806	20.555	ng	99
34) Hexachlorobutadiene	8.263	225	84066	44.209	ng	99
35) Caprolactam	8.581	113	33402	45.507	ng	# 85
36) 4-Chloro-3-methylphenol	8.704	107	118797	42.810	ng	98
37) 2-Methylnaphthalene	8.845	142	266342	45.205	ng	100
38) 1-Methylnaphthalene	8.939	142	237629	40.781	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	126100	49.721	ng	99
41) Hexachlorocyclopentadiene	8.992	237	3506	8.170	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	78139	50.317	ng	99

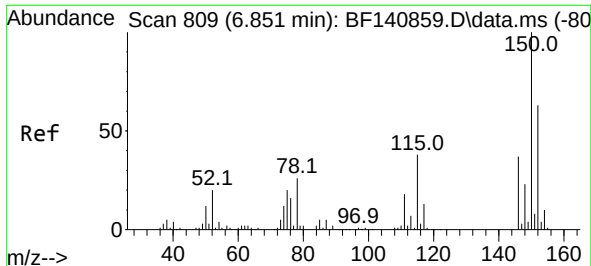
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	80338	47.067	ng	# 93
46) 1,1'-Biphenyl	9.304	154	320127	48.790	ng	99
47) 2-Chloronaphthalene	9.333	162	232348	46.289	ng	98
48) 2-Nitroaniline	9.439	65	78954	52.082	ng	98
49) Acenaphthylene	9.751	152	372034	50.435	ng	99
50) Dimethylphthalate	9.604	163	278289	47.838	ng	100
51) 2,6-Dinitrotoluene	9.675	165	52914	39.788	ng	98
52) Acenaphthene	9.922	154	227400	48.260	ng	100
53) 3-Nitroaniline	9.851	138	56509	42.817	ng	99
54) 2,4-Dinitrophenol	9.980	184	5258	13.982	ng	# 48
55) Dibenzofuran	10.092	168	343949	47.107	ng	98
56) 4-Nitrophenol	10.039	139	65543	91.641	ng	85
57) 2,4-Dinitrotoluene	10.086	165	69505	39.722	ng	# 96
58) Fluorene	10.439	166	283081	46.995	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	67202	48.317	ng	# 99
60) Diethylphthalate	10.304	149	284844	47.219	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	135236	44.694	ng	96
62) 4-Nitroaniline	10.469	138	61016	44.241	ng	96
63) Azobenzene	10.586	77	275909	48.651	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	6730	7.882	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	239636	51.729	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	80480	47.745	ng	98
68) Hexachlorobenzene	10.986	284	89654	46.911	ng	# 94
69) Atrazine	11.075	200	72579	56.097	ng	99
70) Pentachlorophenol	11.192	266	76990	110.186	ng	99
71) Phenanthrene	11.404	178	467579	60.346	ng	99
72) Anthracene	11.457	178	412093	54.006	ng	99
73) Carbazole	11.616	167	362272	48.471	ng	99
74) Di-n-butylphthalate	11.927	149	449122	51.202	ng	99
75) Fluoranthene	12.598	202	575346	64.476	ng	99
77) Benzidine	12.716	184	143712	55.754	ng	98
78) Pyrene	12.827	202	590333	52.564	ng	100
80) Butylbenzylphthalate	13.433	149	197867	47.882	ng	97
81) Benzo(a)anthracene	14.027	228	504647	56.380	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	106135	39.302	ng	98
83) Chrysene	14.063	228	440685	54.143	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	334663	62.808	ng	99
85) Di-n-octyl phthalate	14.627	149	486481	60.348	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	349569	48.243	ng	99
88) Benzo(b)fluoranthene	15.104	252	443191	54.986	ng	97
89) Benzo(k)fluoranthene	15.133	252	329403	47.644	ng	# 97
90) Benzo(a)pyrene	15.480	252	359923	57.029	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	277880	46.291	ng	99
92) Benzo(g,h,i)perylene	17.515	276	262163	42.910	ng	98

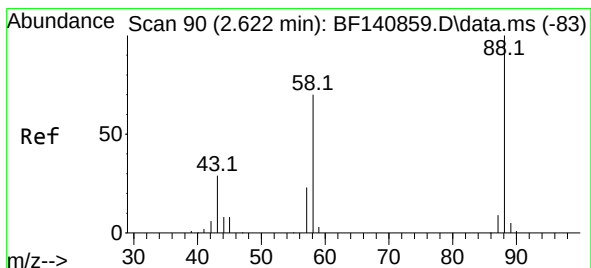
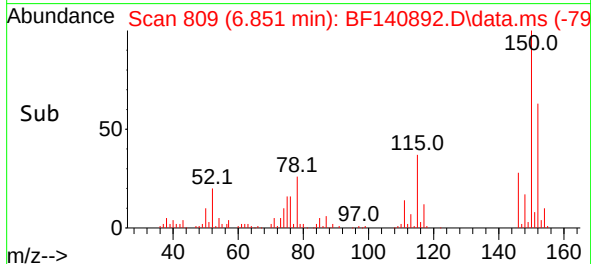
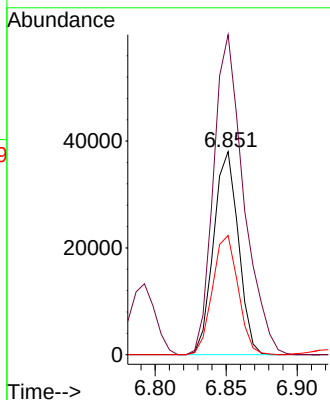
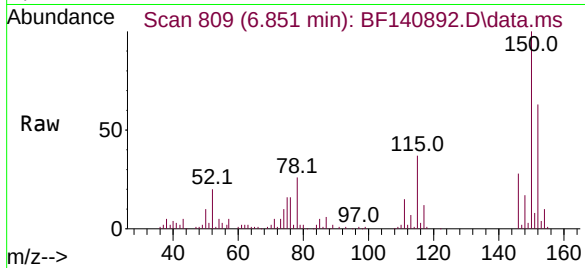
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

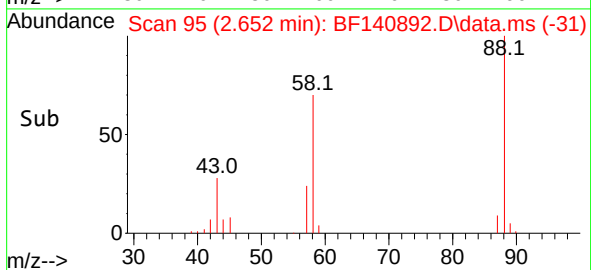
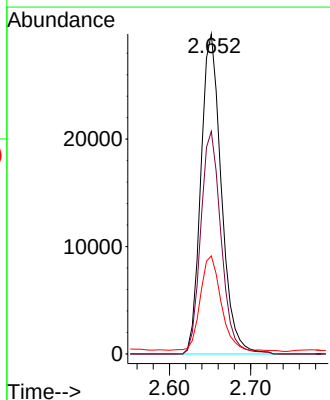
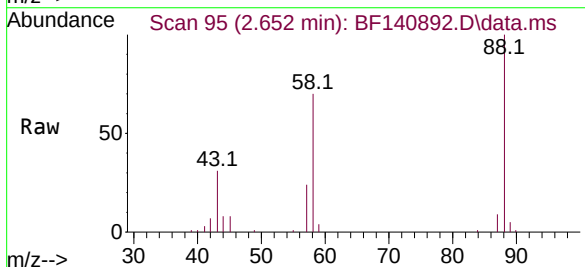
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

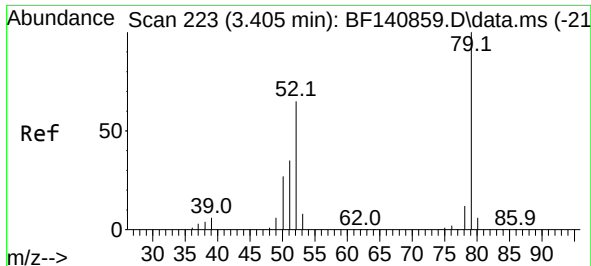
Tgt Ion:152 Resp: 46342
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.9 191.9
 115 58.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 42.967 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.029 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion: 88 Resp: 52100
 Ion Ratio Lower Upper
 88 100
 58 69.5 55.8 83.8
 43 31.0 22.7 34.1





#3

Pyridine

Concen: 45.931 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

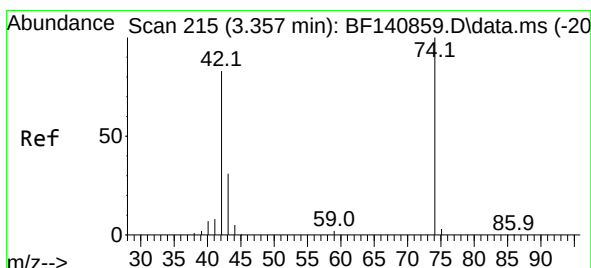
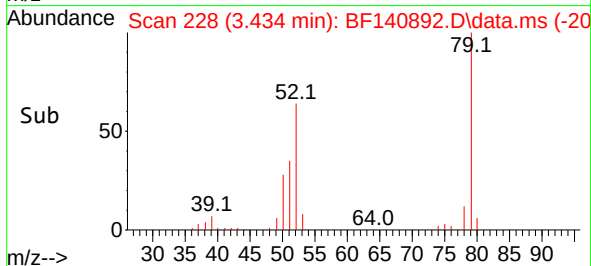
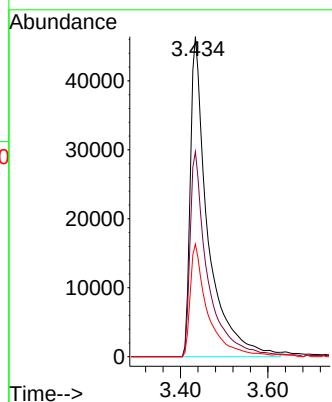
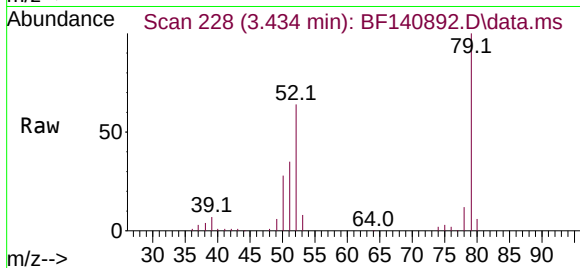
Tgt Ion: 79 Resp: 128980

Ion Ratio Lower Upper

79 100

52 64.1 51.7 77.5

51 35.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 47.968 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.018 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

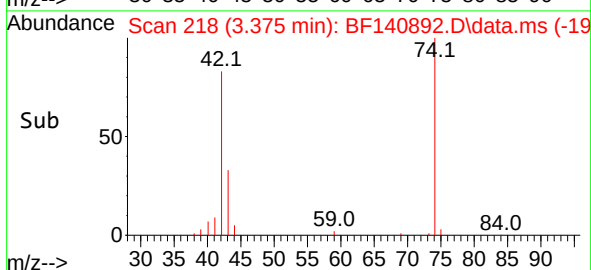
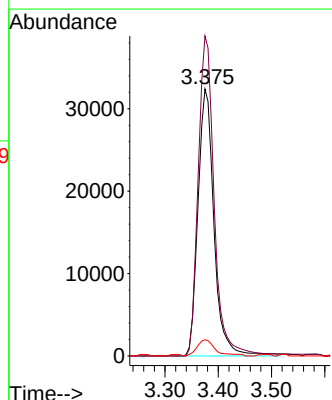
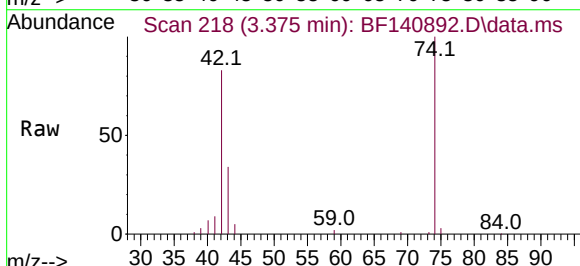
Tgt Ion: 42 Resp: 67906

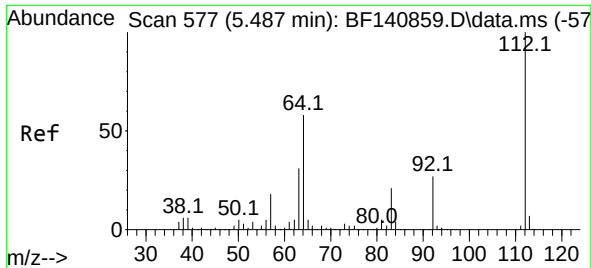
Ion Ratio Lower Upper

42 100

74 119.9 96.9 145.3

44 6.0 4.4 6.6

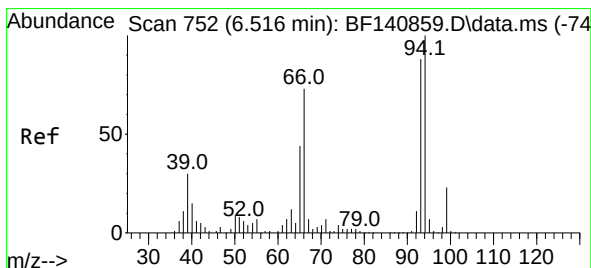
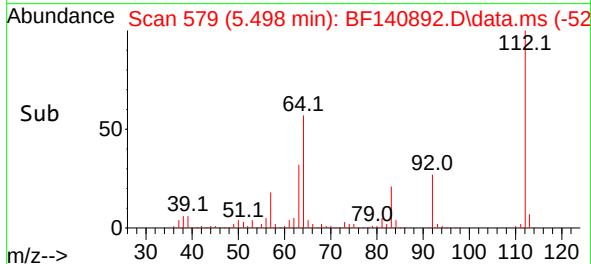
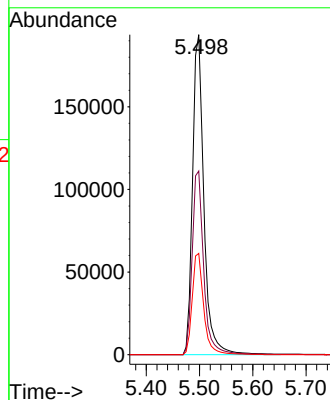
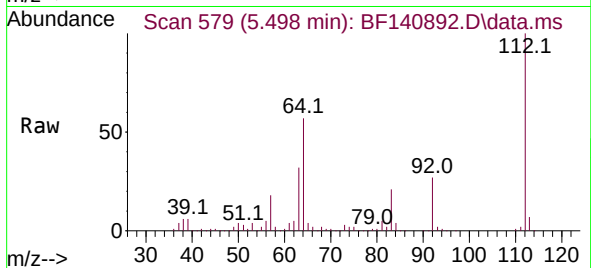




#5
2-Fluorophenol
Concen: 102.250 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

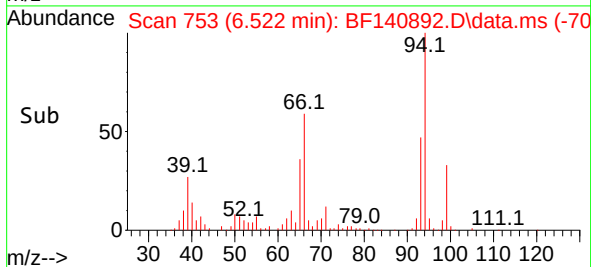
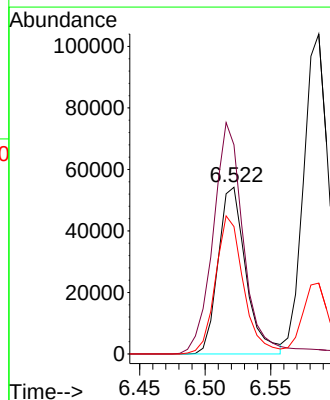
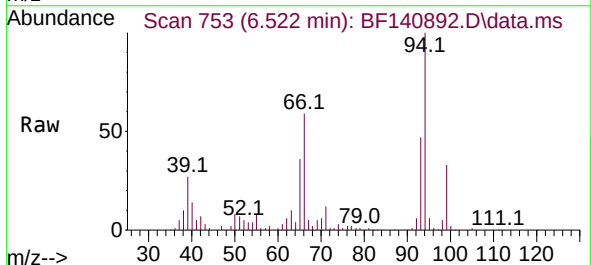
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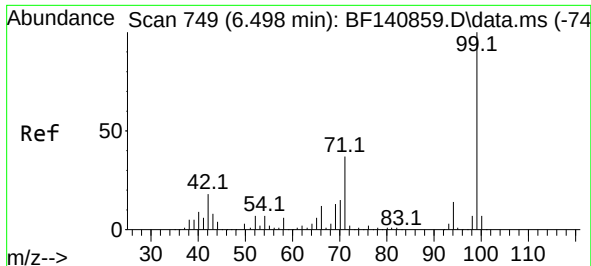
Tgt Ion:112 Resp: 287845
Ion Ratio Lower Upper
112 100
64 57.4 46.1 69.1
63 31.6 24.9 37.3



#6
Aniline
Concen: 25.038 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion: 93 Resp: 79823
Ion Ratio Lower Upper
93 100
66 125.4 67.0 100.4#
65 76.4 40.4 60.6#

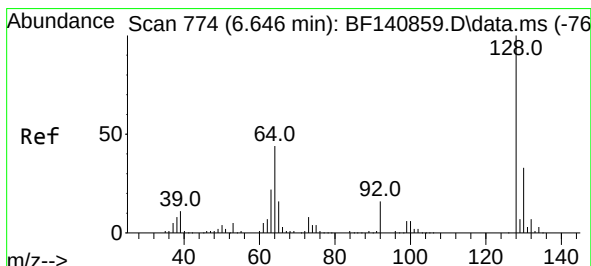
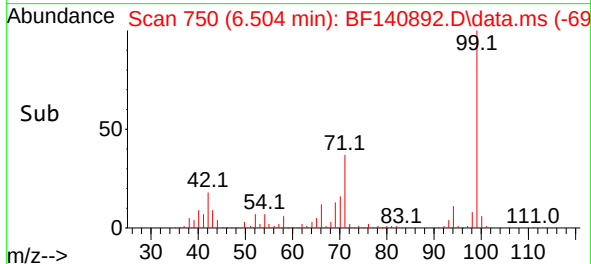
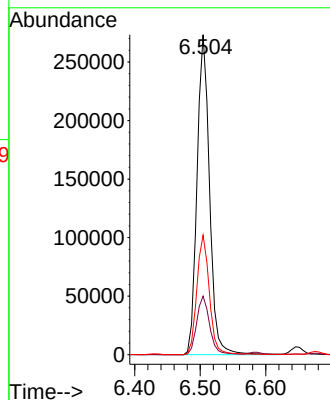
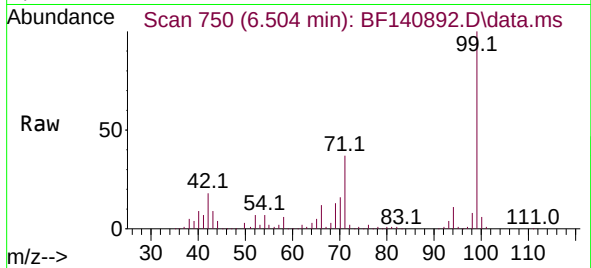




#7
Phenol-d6
Concen: 97.429 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

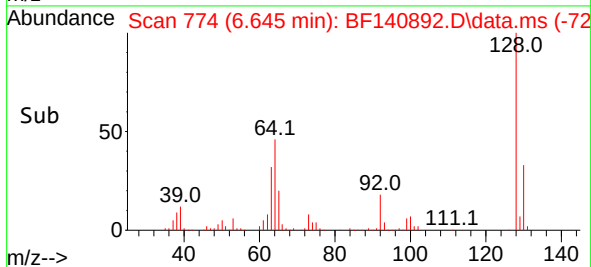
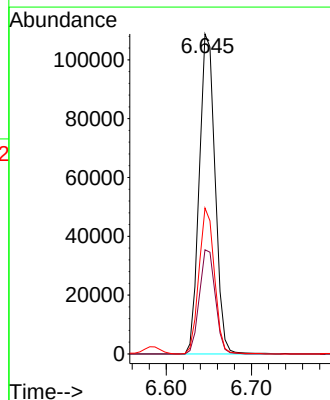
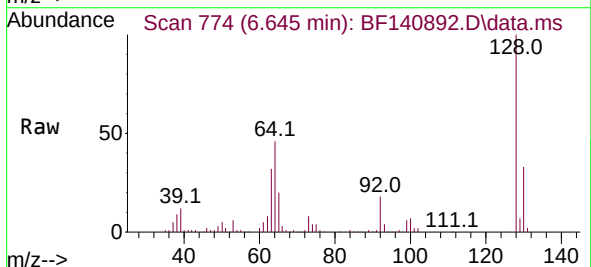
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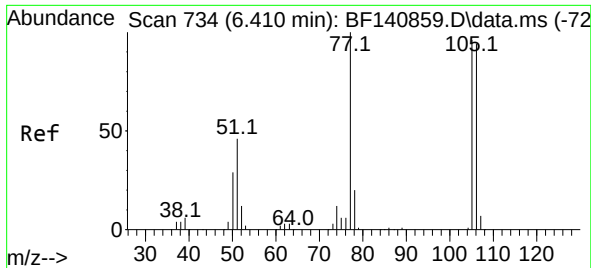
Tgt Ion: 99 Resp: 363277
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 45.679 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:128 Resp: 140230
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 45.6 24.3 64.3





#9

Benzaldehyde

Concen: 15.167 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

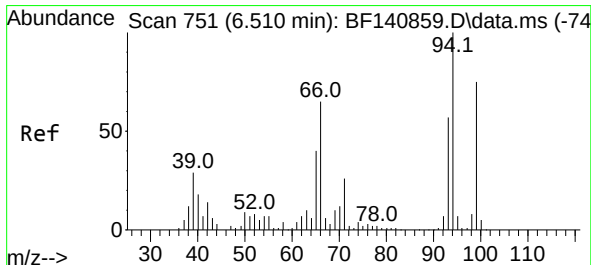
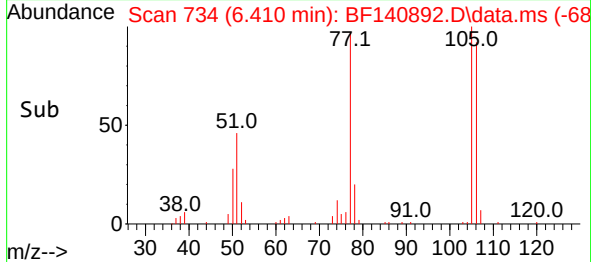
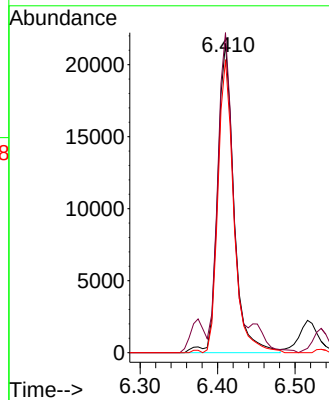
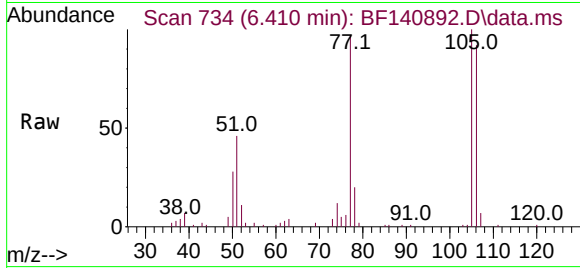
Tgt Ion: 77 Resp: 31335

Ion Ratio Lower Upper

77 100

105 103.5 75.8 115.8

106 94.8 74.1 114.1



#10

Phenol

Concen: 45.344 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

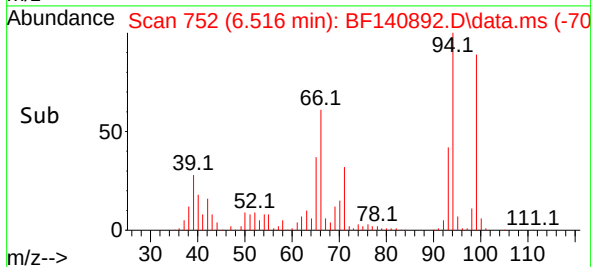
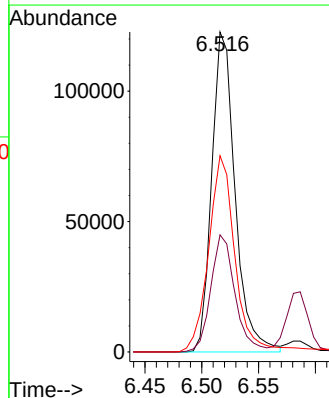
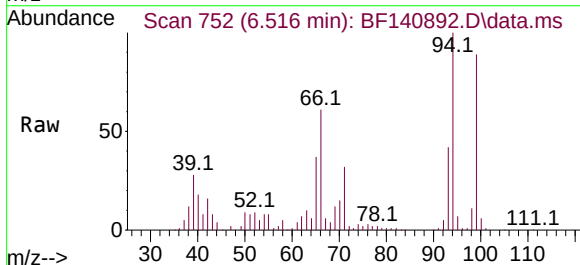
Tgt Ion: 94 Resp: 175232

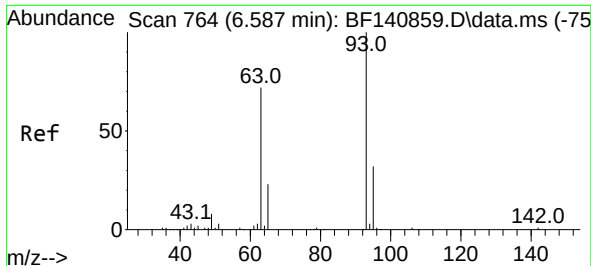
Ion Ratio Lower Upper

94 100

65 36.6 19.9 59.9

66 61.3 45.6 85.6

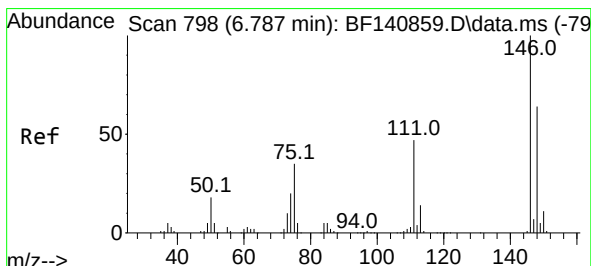
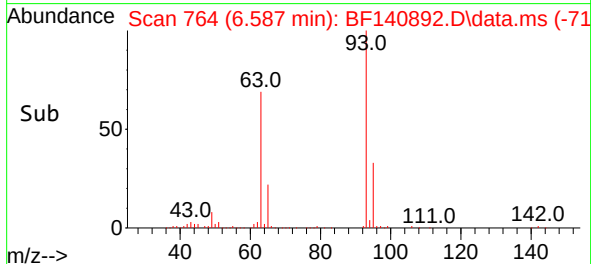
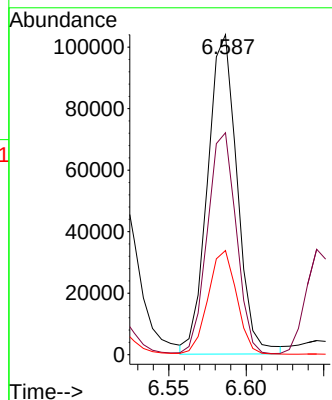
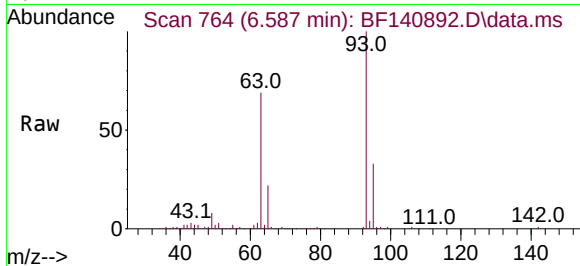




#11
bis(2-Chloroethyl)ether
Concen: 47.954 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

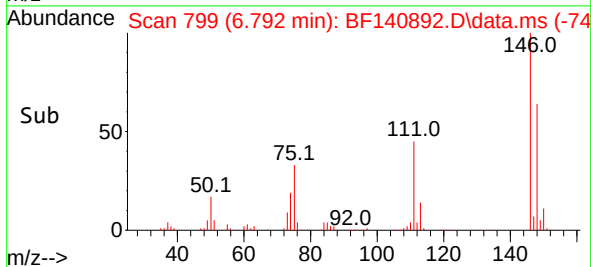
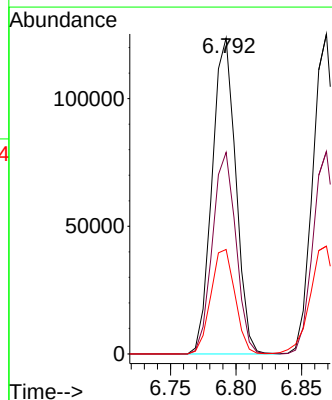
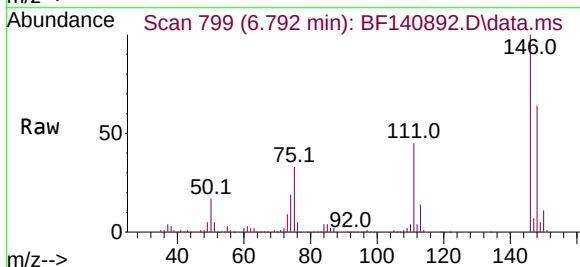
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

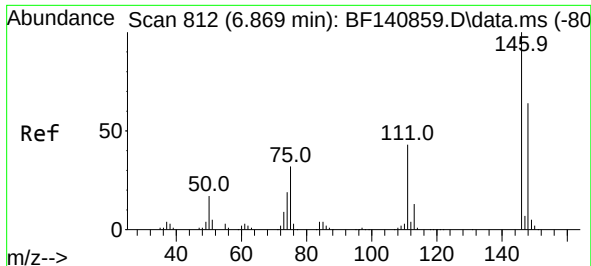
Tgt Ion: 93 Resp: 138203
Ion Ratio Lower Upper
93 100
63 69.4 51.0 91.0
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 44.396 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:146 Resp: 155299
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 33.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 44.126 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

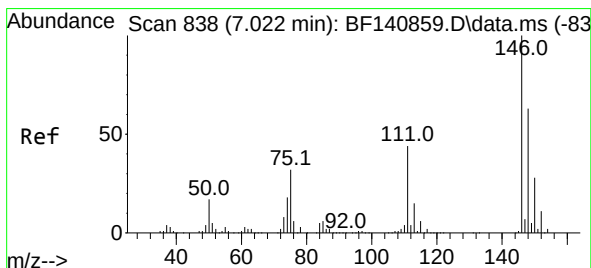
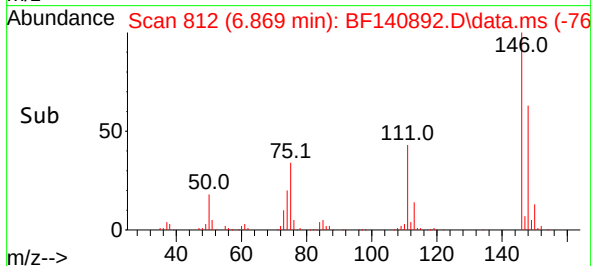
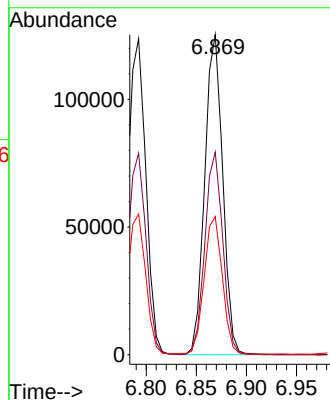
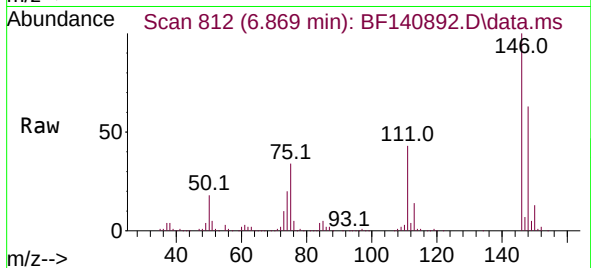
Tgt Ion:146 Resp: 156681

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.1 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 44.299 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

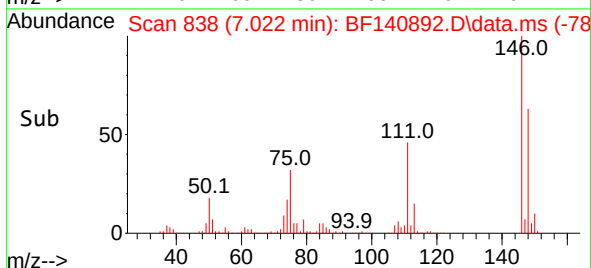
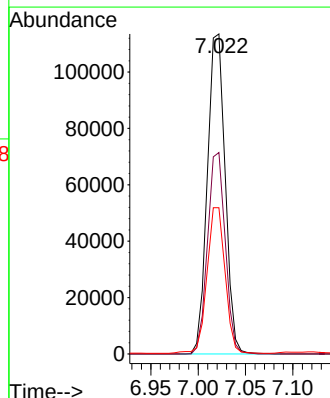
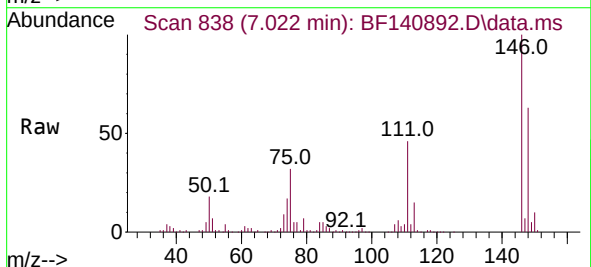
Tgt Ion:146 Resp: 148410

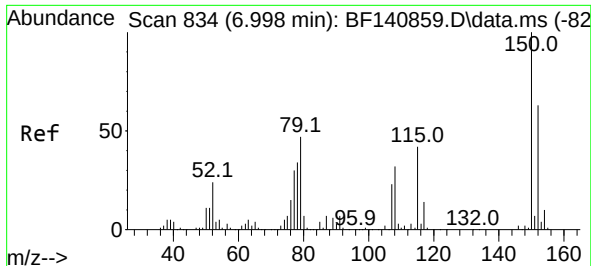
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 45.7 35.6 53.4

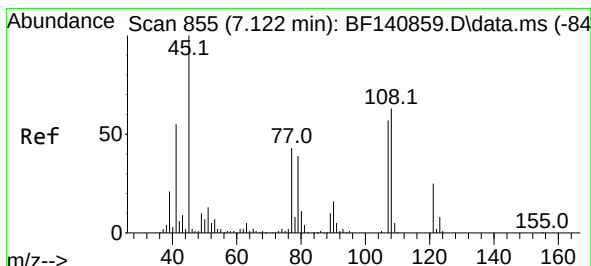
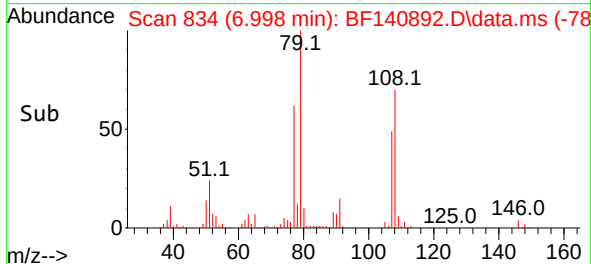
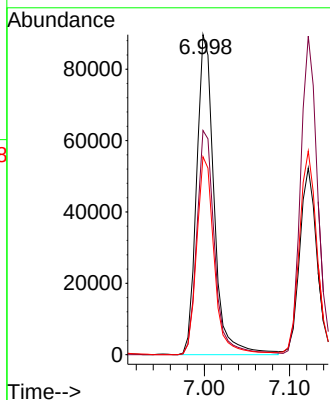
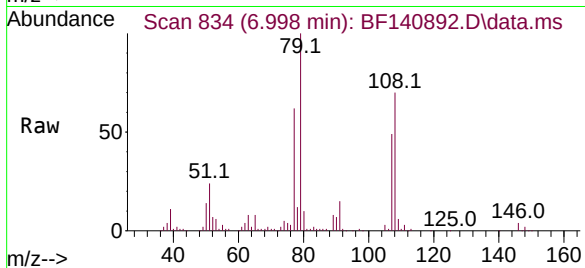




#15
Benzyl Alcohol
Concen: 47.892 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

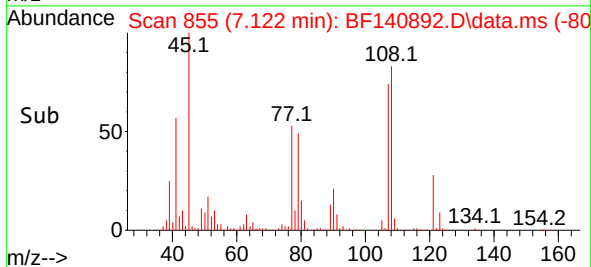
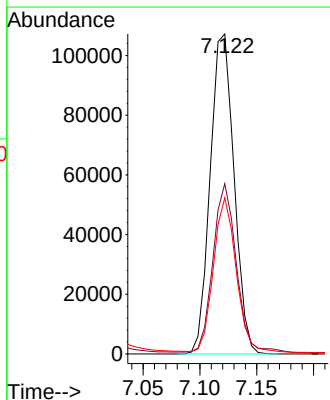
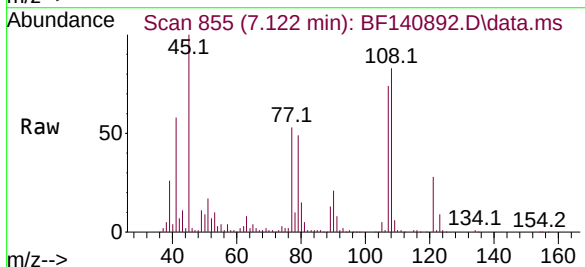
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

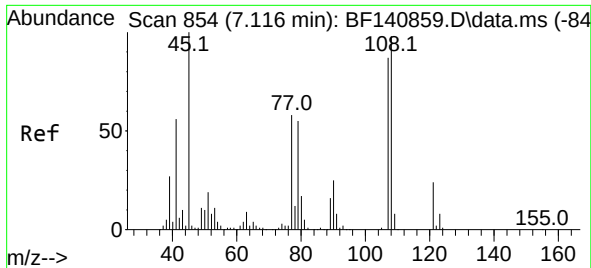
Tgt Ion: 79 Resp: 127680
Ion Ratio Lower Upper
79 100
108 70.0 55.1 82.7
77 61.9 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.093 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion: 45 Resp: 156488
Ion Ratio Lower Upper
45 100
77 53.2 23.3 63.3
79 48.8 20.0 60.0

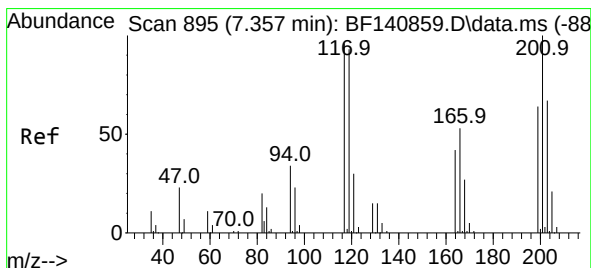
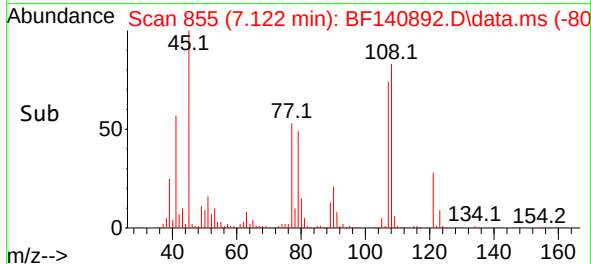
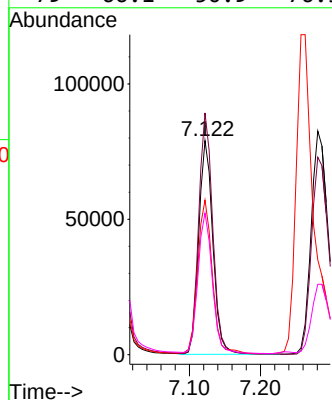
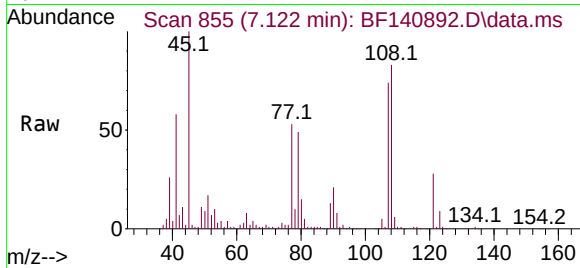




#17
2-Methylphenol
Concen: 44.617 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

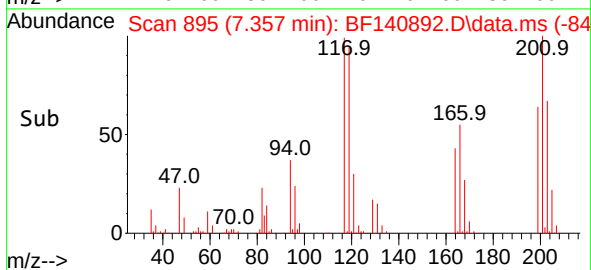
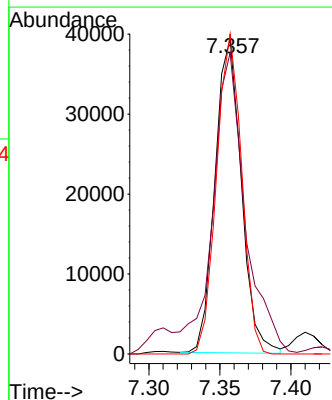
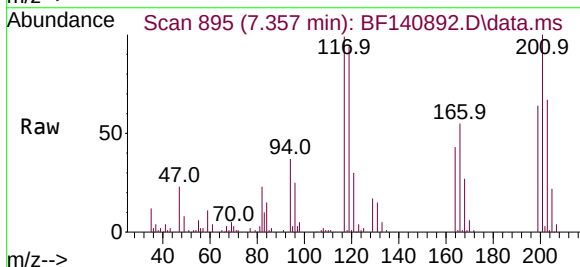
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

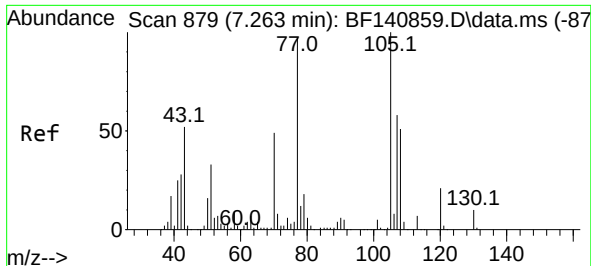
Tgt Ion:	107	Resp:	109353
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.2	135.4
77	72.2	53.8	80.6
79	66.1	50.9	76.3



#18
Hexachloroethane
Concen: 38.395 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:	117	Resp:	50753
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	101.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.611 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140892.D

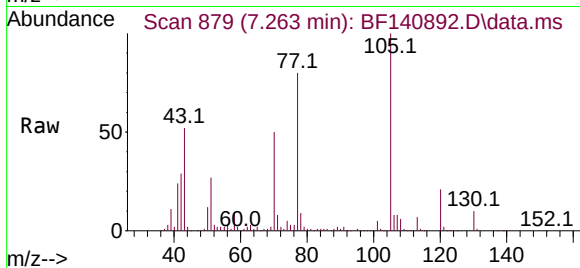
Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS



Tgt Ion: 70 Resp: 99778

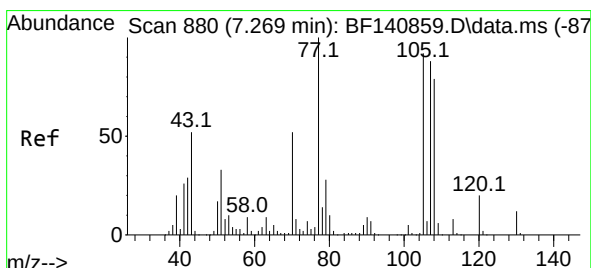
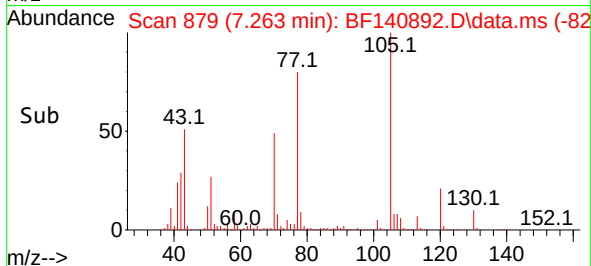
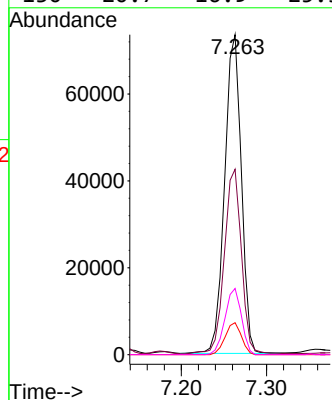
Ion	Ratio	Lower	Upper
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70	100		
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42	57.9	45.3	67.9
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101	10.0	8.0	12.0
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130	20.7	16.9	25.3
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#20

3+4-Methylphenols

Concen: 43.956 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.012 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Tgt Ion: 107 Resp: 142857

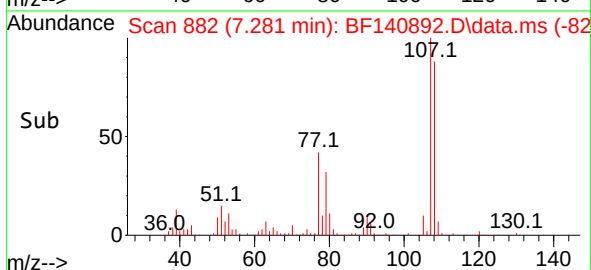
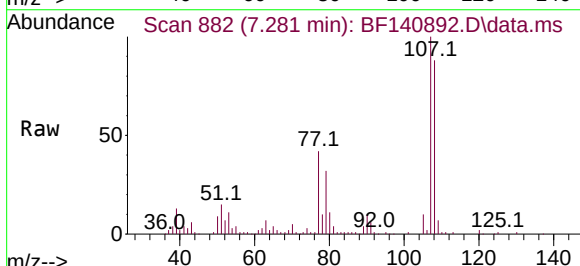
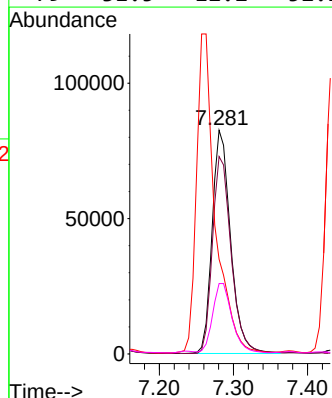
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

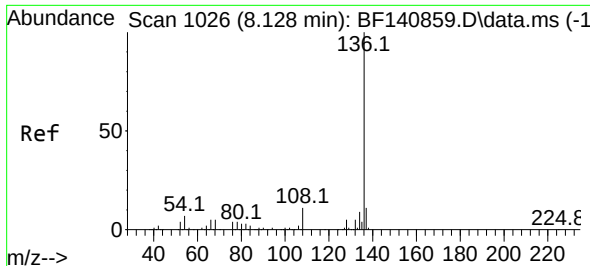
107	100		
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108	88.3	70.1	110.1
-----	------	------	-------

77	42.3	94.4	134.4#
----	------	------	--------

79	31.5	12.2	52.2
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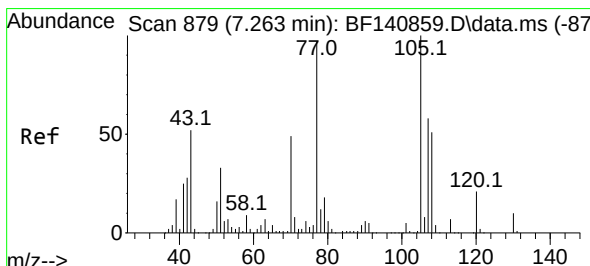
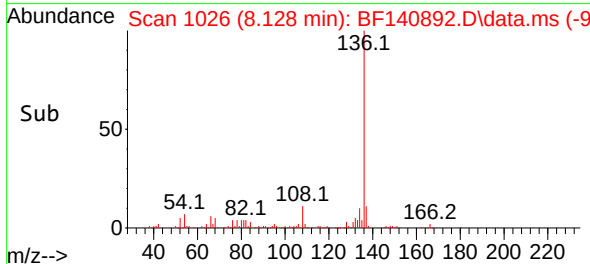
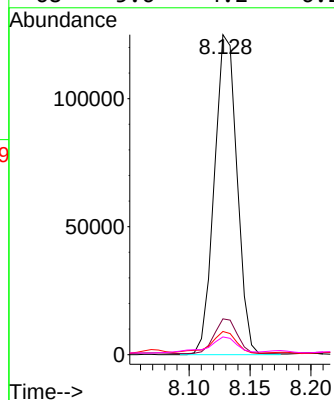
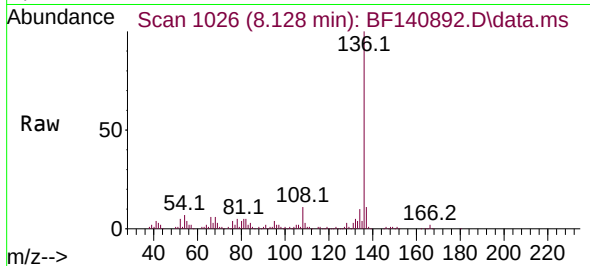




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

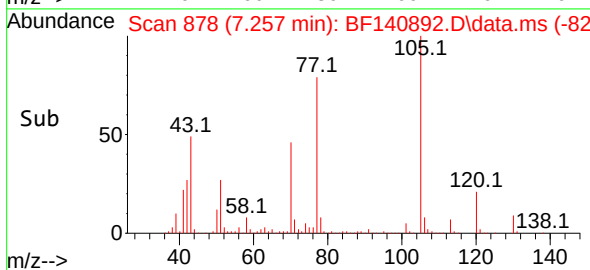
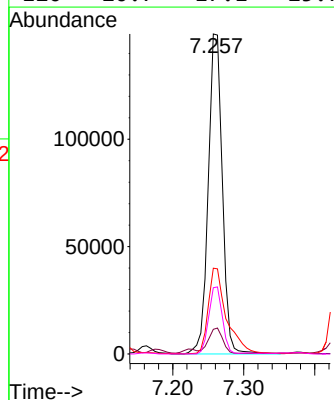
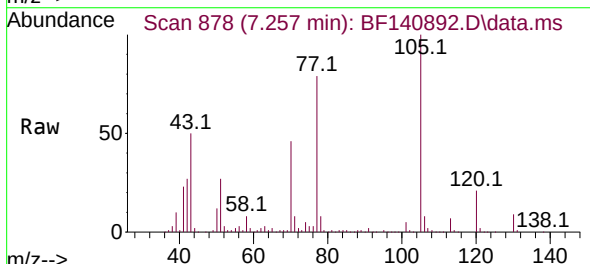
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

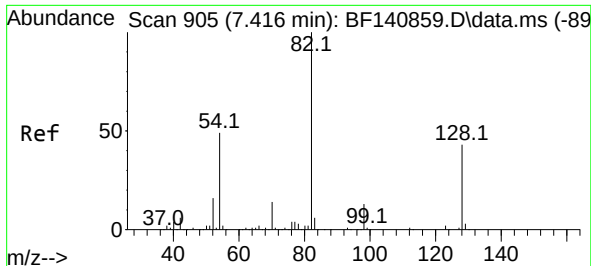
Tgt Ion:	136	Resp:	162145
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.3	5.6	8.4
68	5.6	4.2	6.2



#22
Acetophenone
Concen: 50.939 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:	105	Resp:	206614
Ion Ratio	Lower	Upper	
105	100		
71	7.7	6.2	9.4
51	26.8	26.3	39.5
120	20.7	17.1	25.7

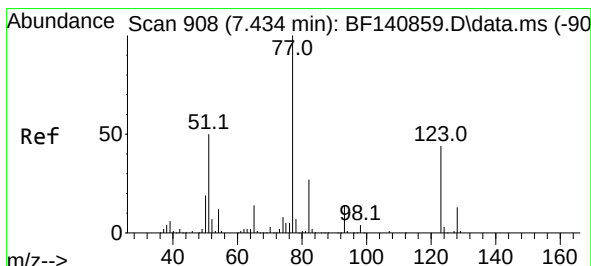
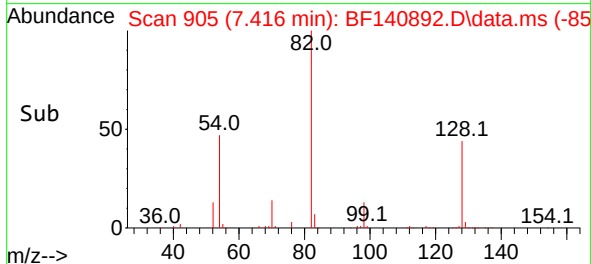
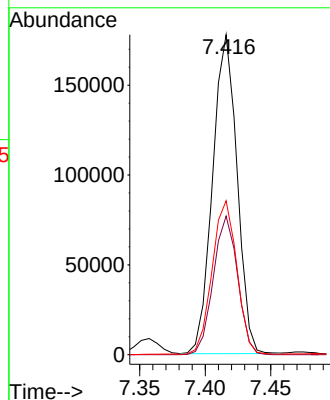
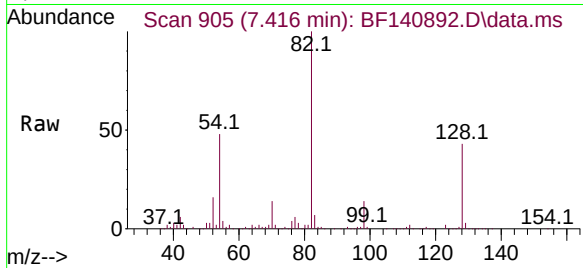




#23
Nitrobenzene-d5
Concen: 70.986 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

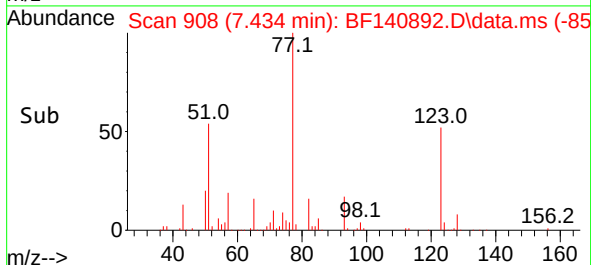
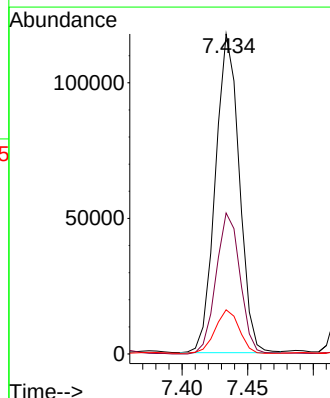
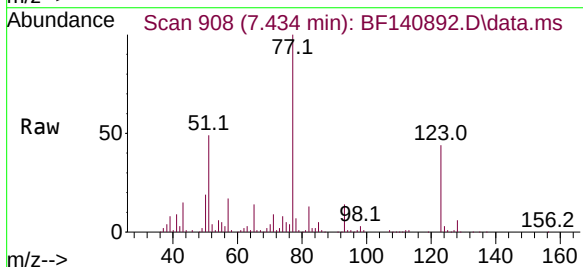
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

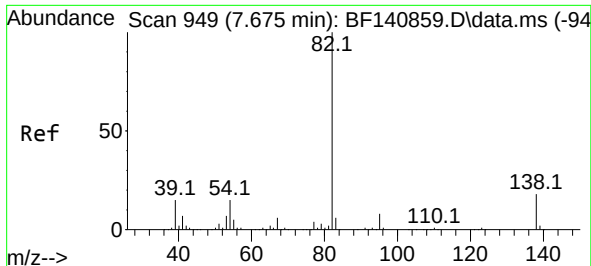
Tgt Ion: 82 Resp: 230057
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 48.1 38.8 58.2



#24
Nitrobenzene
Concen: 44.781 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion: 77 Resp: 148681
Ion Ratio Lower Upper
77 100
123 44.1 35.0 52.4
65 13.8 11.4 17.0

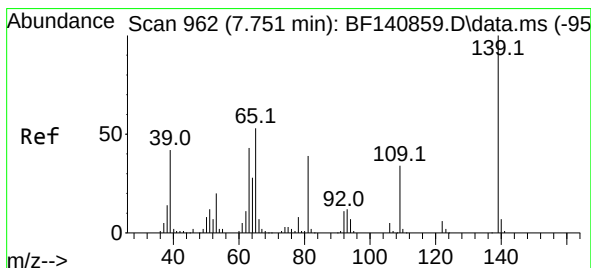
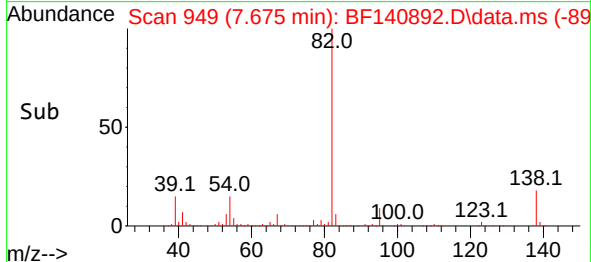
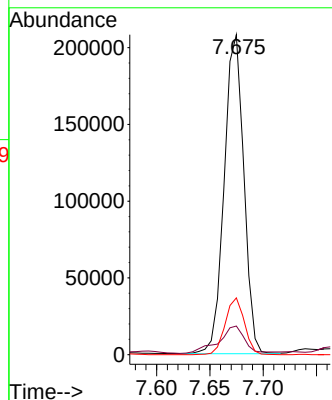
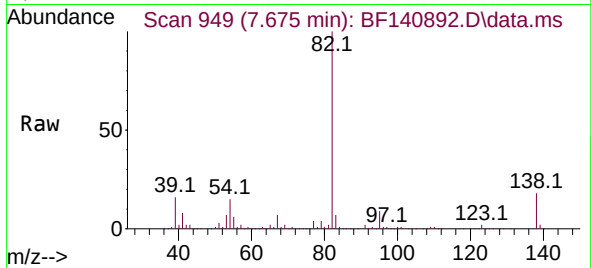




#25
Isophorone
Concen: 48.995 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

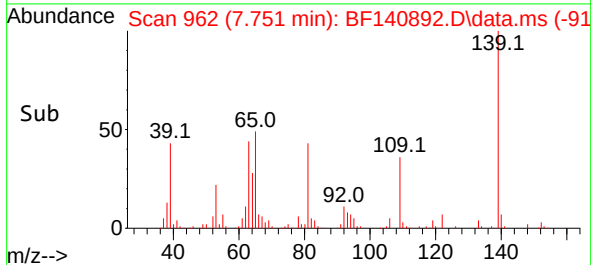
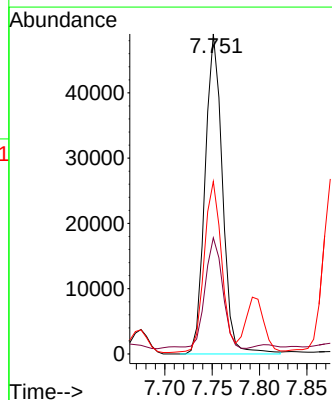
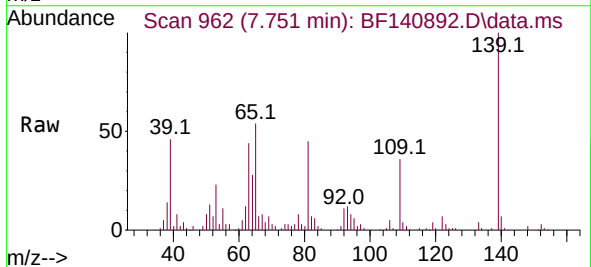
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

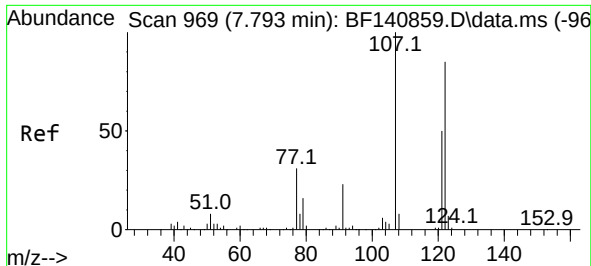
Tgt Ion: 82 Resp: 266054
Ion Ratio Lower Upper
82 100
95 9.0 6.3 9.5
138 17.7 14.1 21.1



#26
2-Nitrophenol
Concen: 40.925 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:139 Resp: 62581
Ion Ratio Lower Upper
139 100
109 36.3 26.9 40.3
65 53.9 42.6 64.0

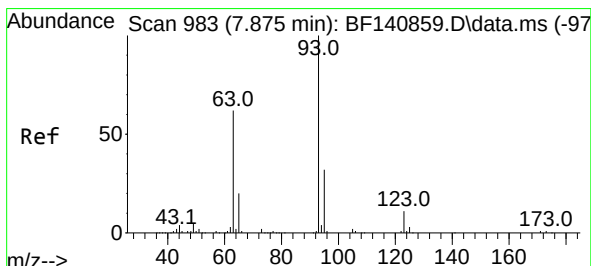
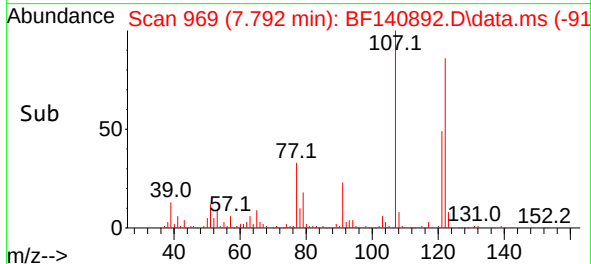
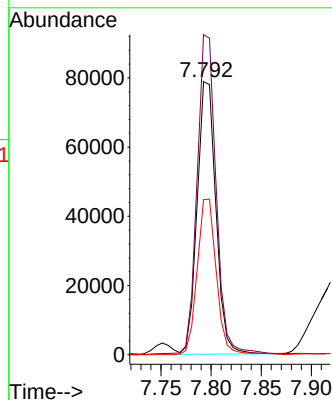
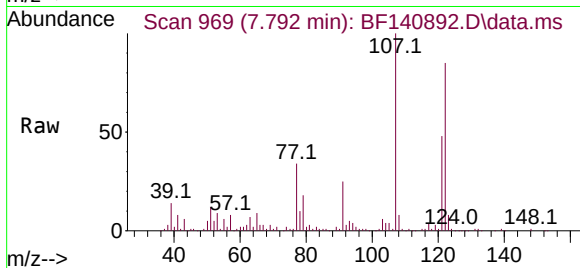




#27
2,4-Dimethylphenol
Concen: 57.633 ng
RT: 7.792 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

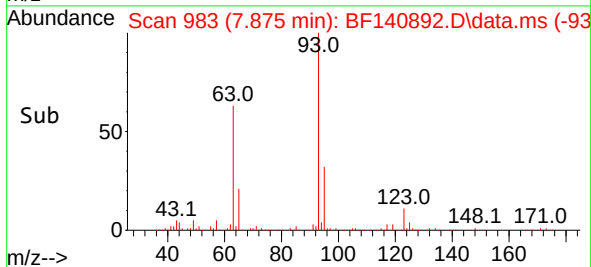
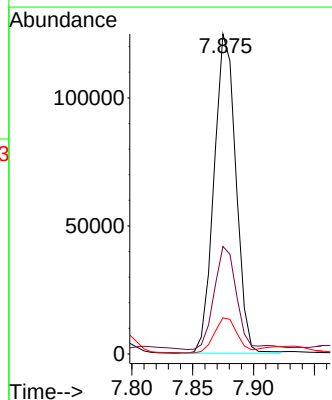
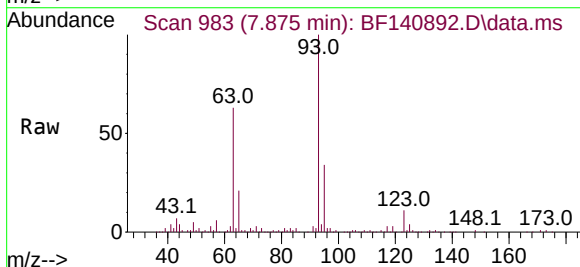
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

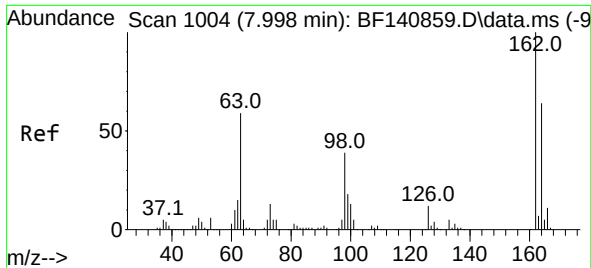
Tgt Ion:122 Resp: 102923
Ion Ratio Lower Upper
122 100
107 117.2 92.6 139.0
121 56.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.030 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion: 93 Resp: 156117
Ion Ratio Lower Upper
93 100
95 33.6 25.3 37.9
123 11.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 46.499 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.012 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

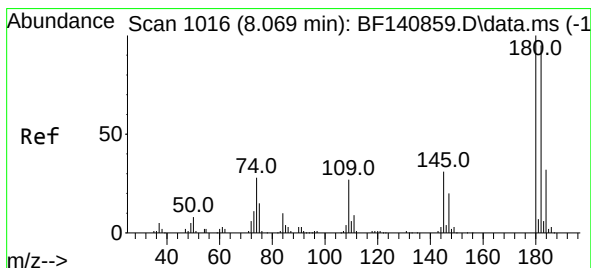
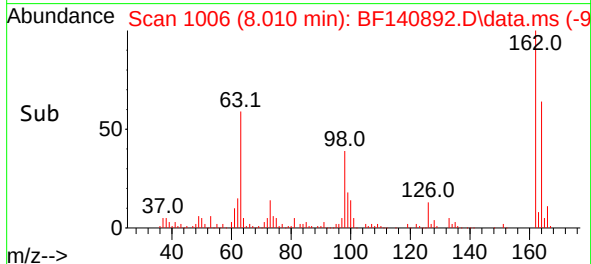
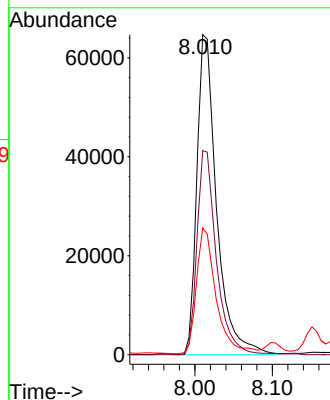
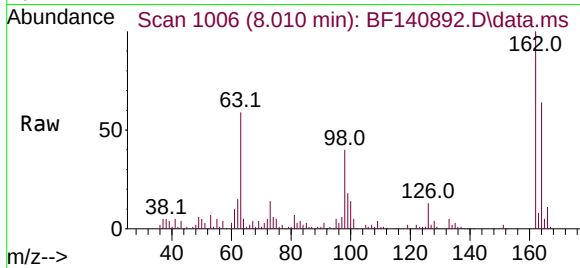
Tgt Ion:162 Resp: 114644

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 39.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 43.496 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

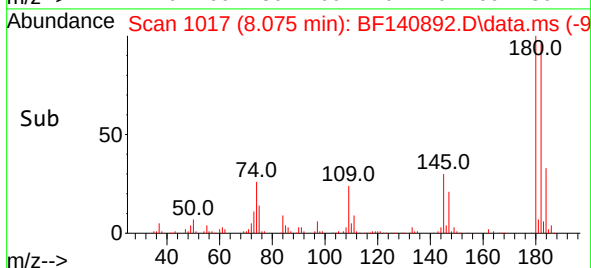
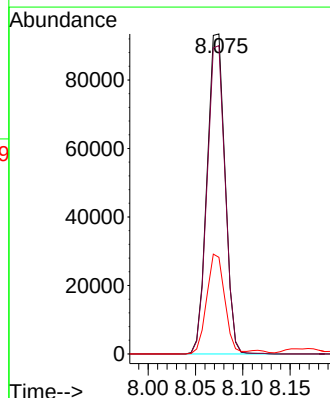
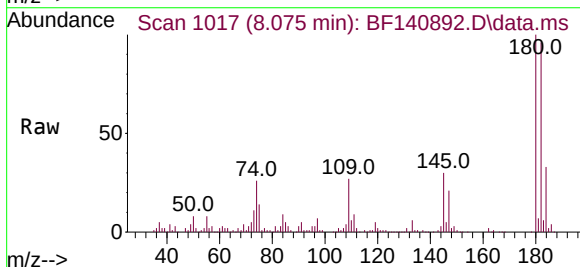
Tgt Ion:180 Resp: 122935

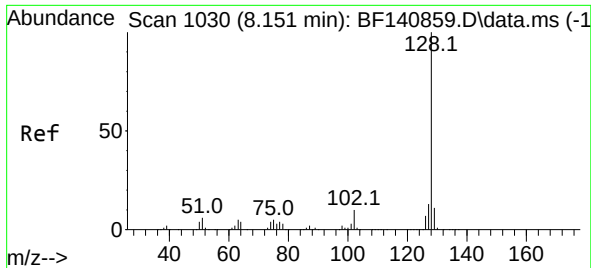
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

145 30.2 25.2 37.8

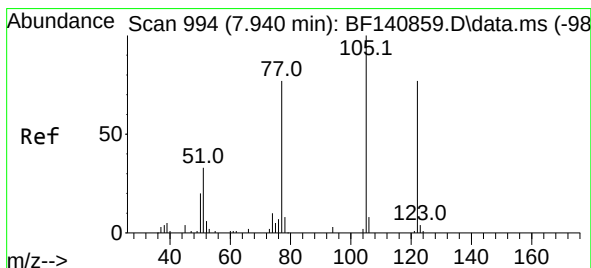
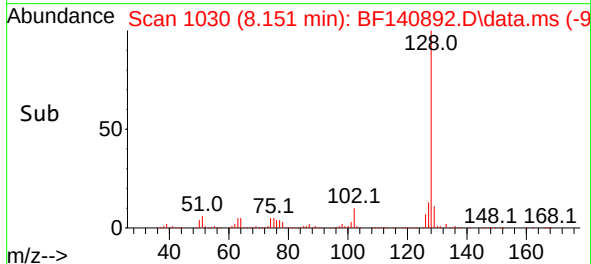
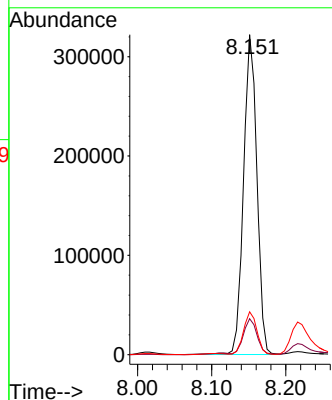
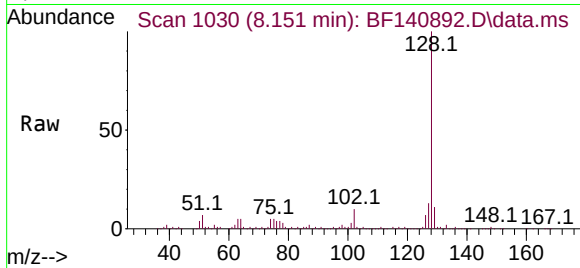




#31
Naphthalene
Concen: 45.261 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

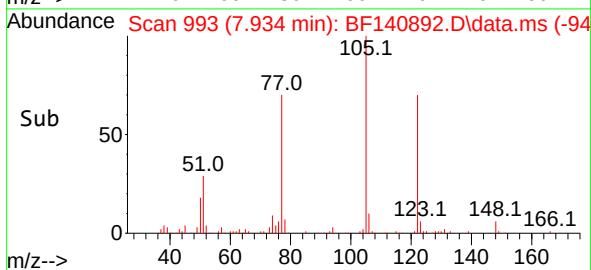
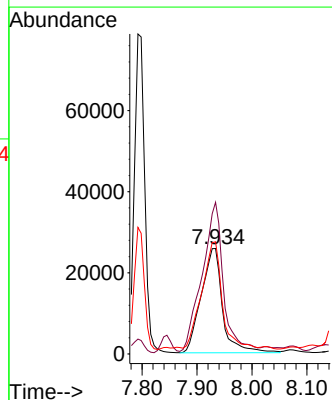
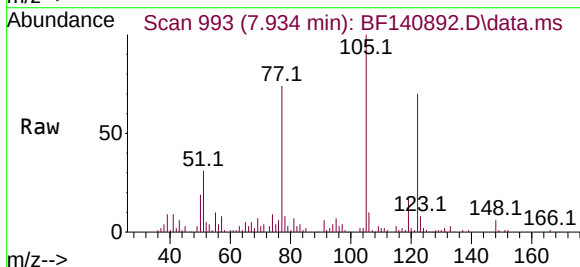
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

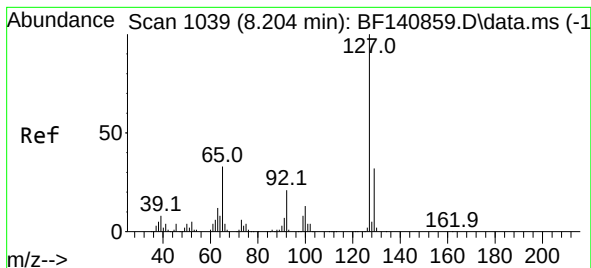
Tgt Ion:128 Resp: 403132
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 41.031 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:122 Resp: 69494
Ion Ratio Lower Upper
122 100
105 143.8 108.3 148.3
77 106.4 78.8 118.8





#33

4-Chloroaniline

Concen: 20.555 ng

RT: 8.216 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

Tgt Ion:127 Resp: 60806

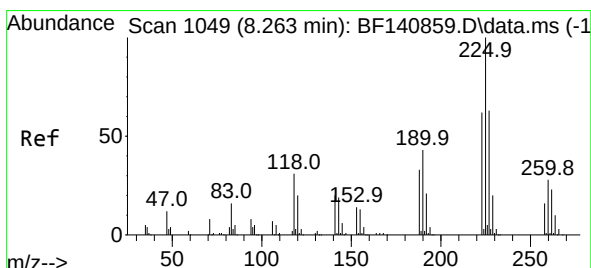
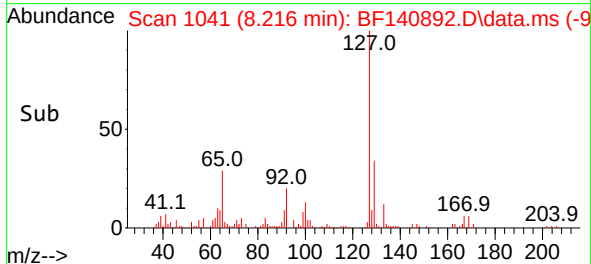
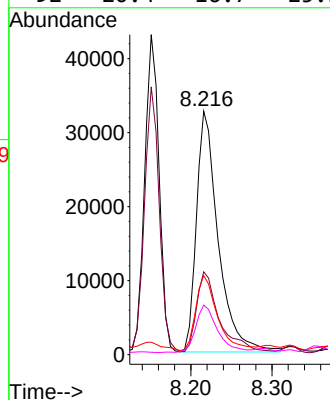
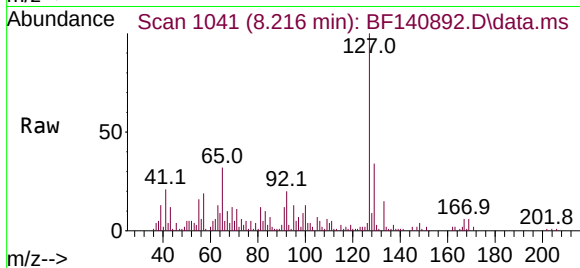
Ion Ratio Lower Upper

127 100

129 34.0 26.0 39.0

65 32.5 26.0 39.0

92 20.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 44.209 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

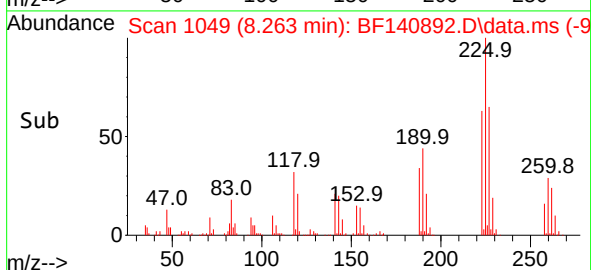
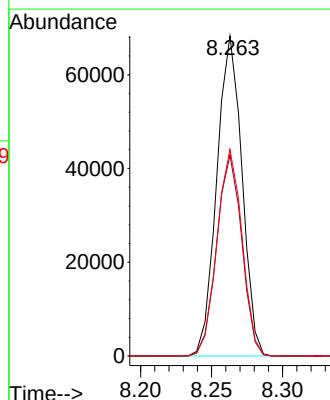
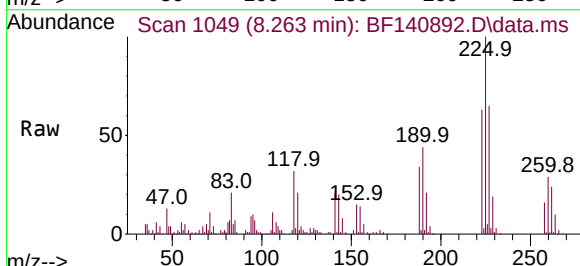
Tgt Ion:225 Resp: 84066

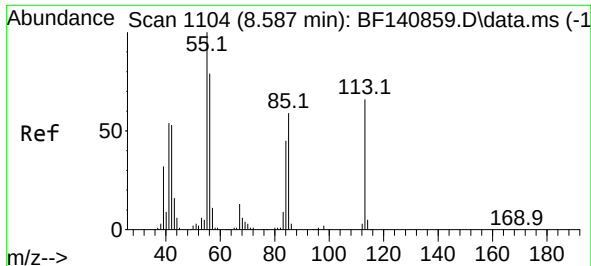
Ion Ratio Lower Upper

225 100

223 62.7 49.6 74.4

227 64.6 50.7 76.1

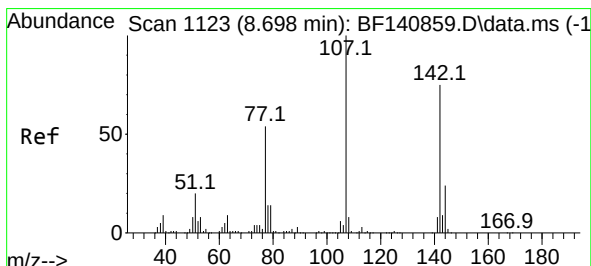
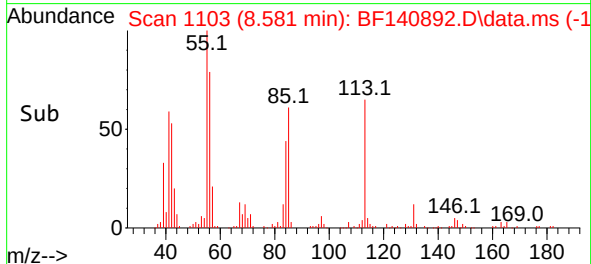
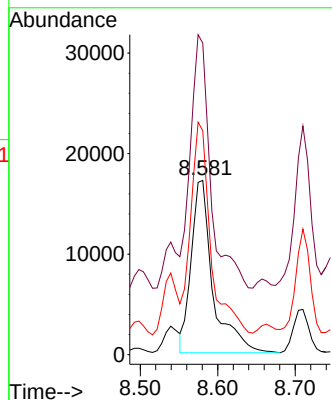
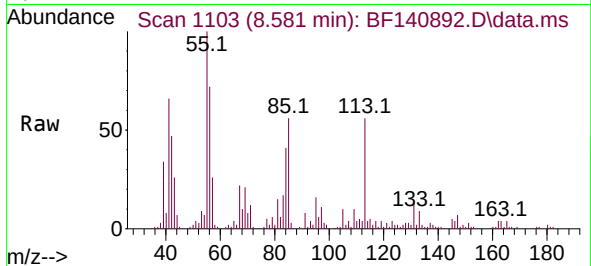




#35
Caprolactam
Concen: 45.507 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

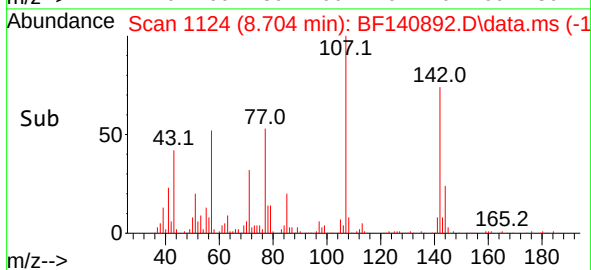
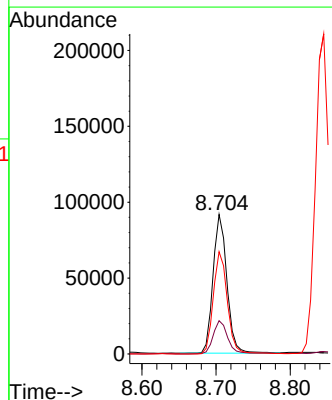
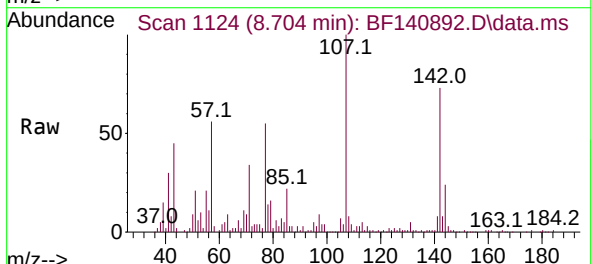
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

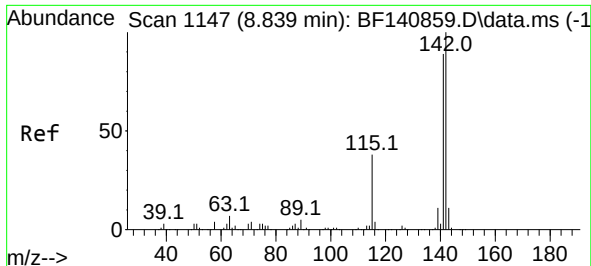
Tgt Ion:113 Resp: 33402
Ion Ratio Lower Upper
113 100
55 178.7 132.3 172.3#
56 128.5 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 42.810 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:107 Resp: 118797
Ion Ratio Lower Upper
107 100
144 23.9 19.4 29.2
142 73.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 45.205 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

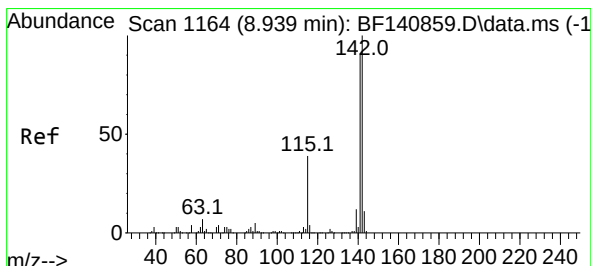
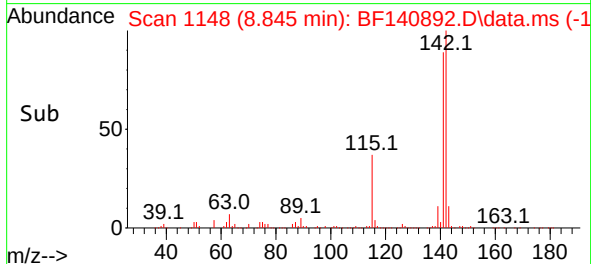
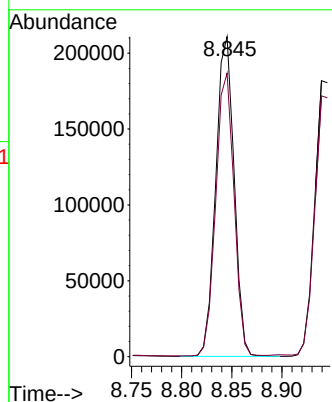
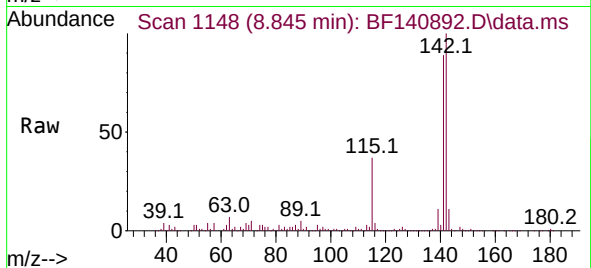
HR-04-121624MS

Tgt Ion:142 Resp: 266342

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.781 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140892.D

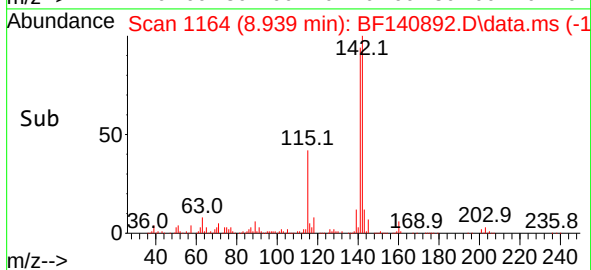
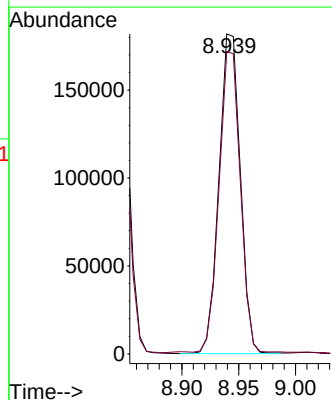
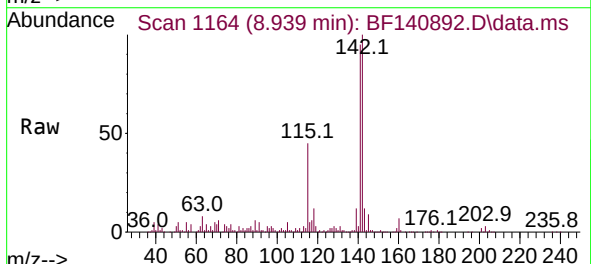
Acq: 17 Dec 2024 18:15

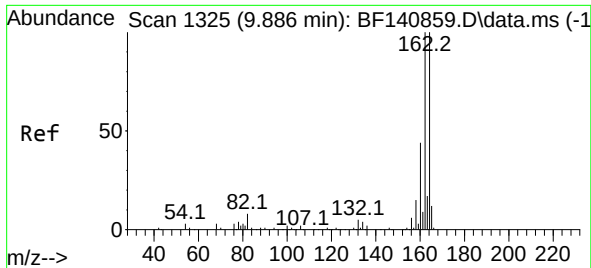
Tgt Ion:142 Resp: 237629

Ion Ratio Lower Upper

142 100

141 94.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

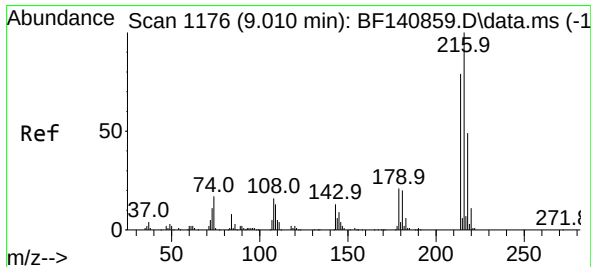
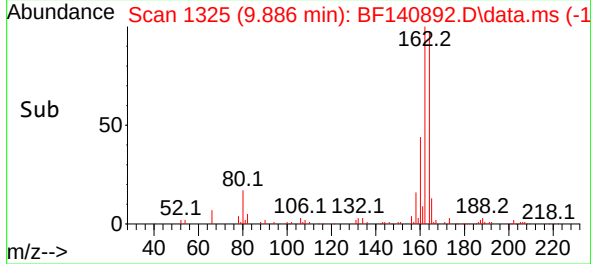
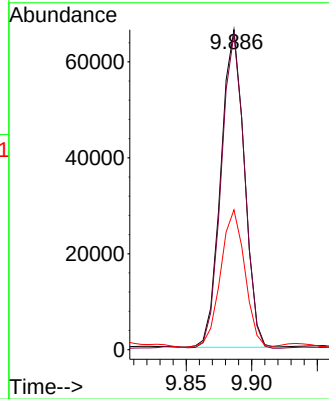
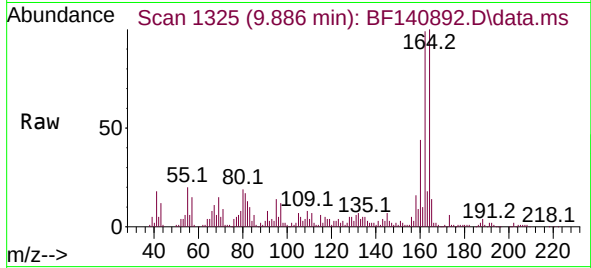
Tgt Ion:164 Resp: 82513

Ion Ratio Lower Upper

164 100

162 98.5 79.9 119.9

160 43.7 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.721 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Tgt Ion:216 Resp: 126100

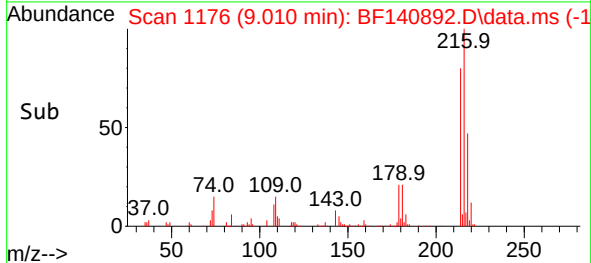
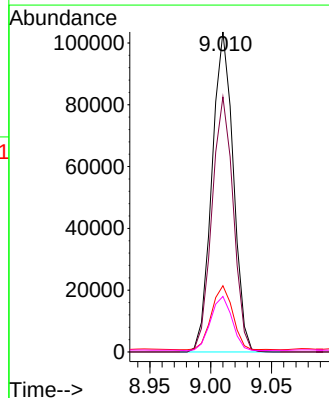
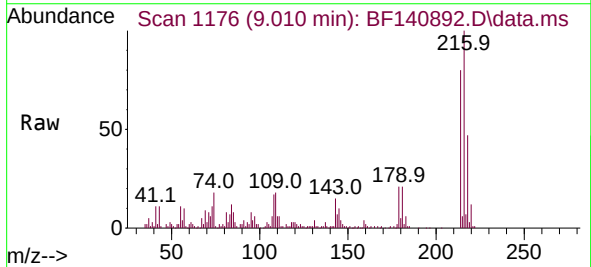
Ion Ratio Lower Upper

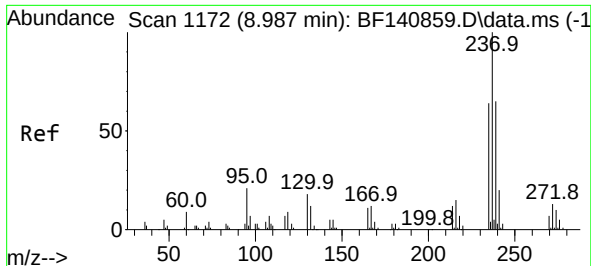
216 100

214 79.6 63.6 95.4

179 20.0 17.0 25.4

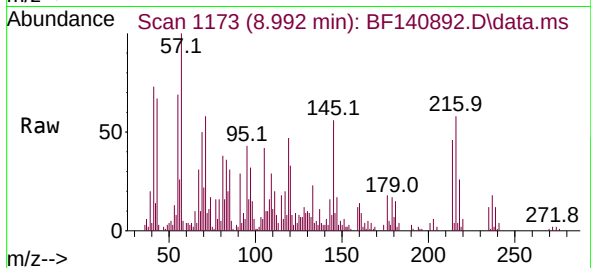
108 17.1 14.2 21.2



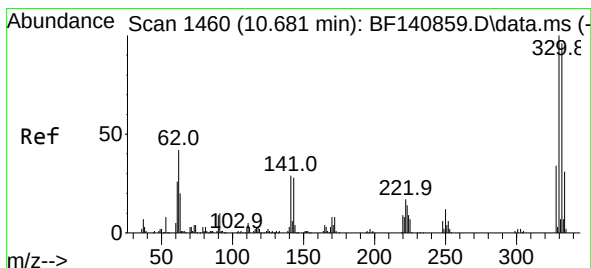
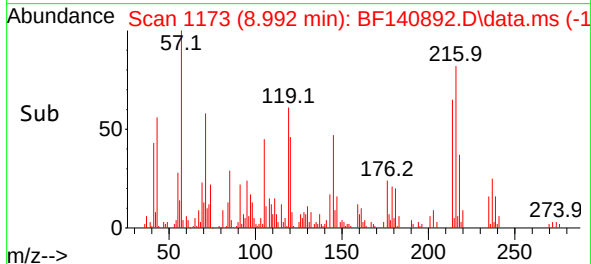
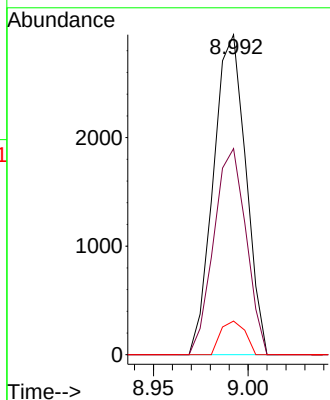


#41
Hexachlorocyclopentadiene
Concen: 8.170 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

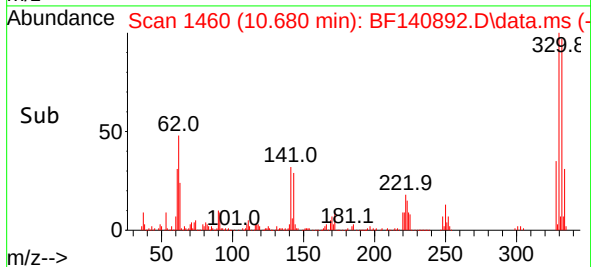
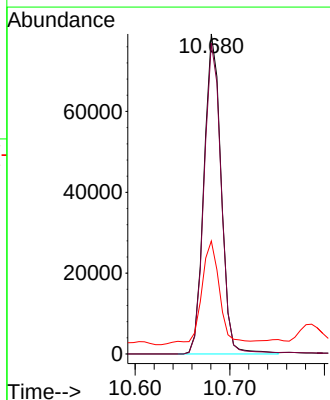
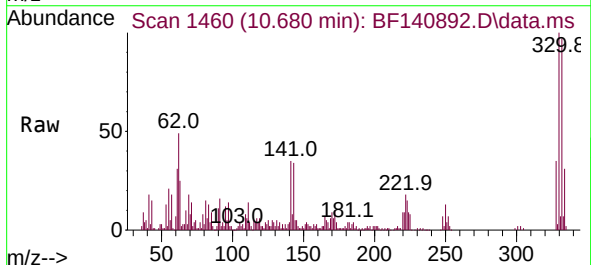


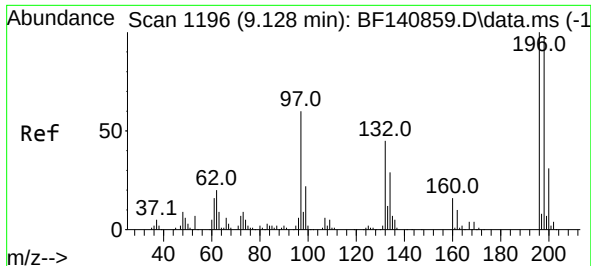
Tgt Ion:237 Resp: 3506
Ion Ratio Lower Upper
237 100
235 64.4 43.7 83.7
272 10.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 101.957 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:330 Resp: 99499
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 34.5 24.9 37.3

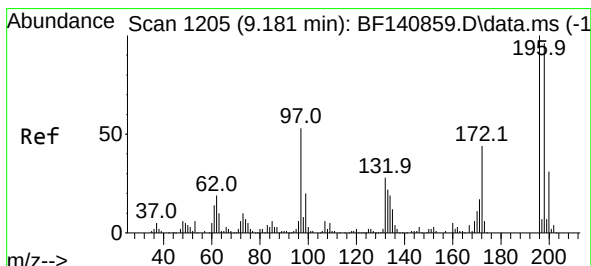
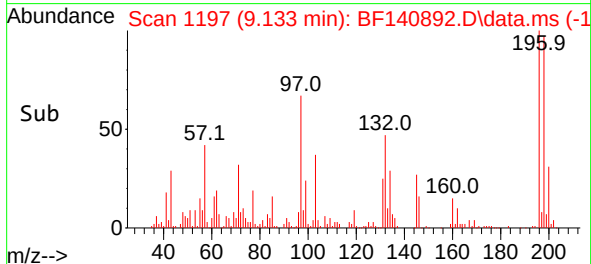
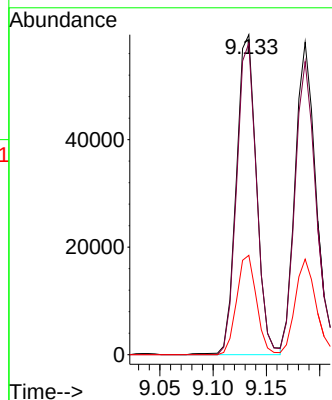
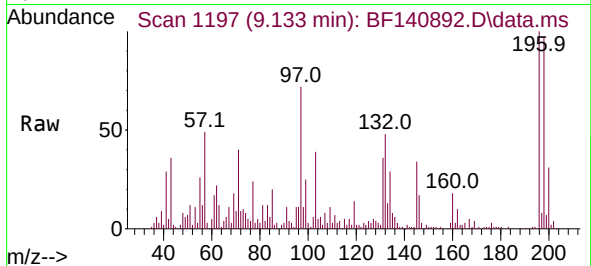




#43
 2,4,6-Trichlorophenol
 Concen: 50.317 ng
 RT: 9.133 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

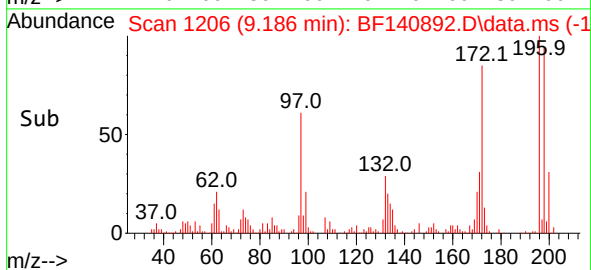
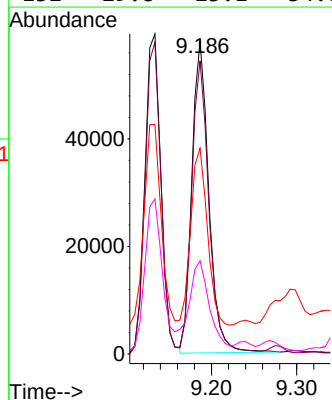
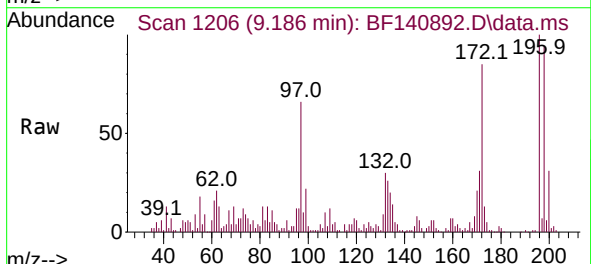
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

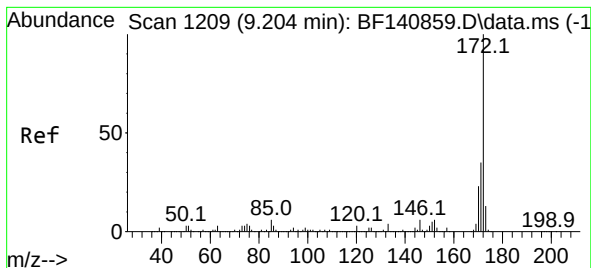
Tgt Ion:196 Resp: 78139
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.4 116.0
 200 31.1 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 47.067 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:196 Resp: 80338
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.2 115.8
 97 65.8 42.2 63.4#
 132 29.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 68.733 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

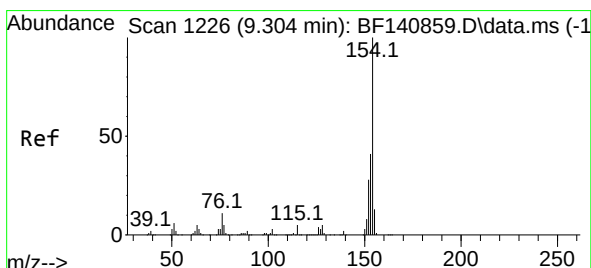
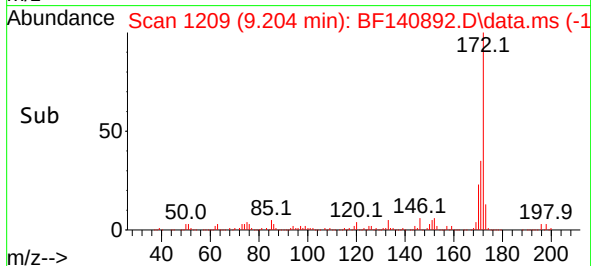
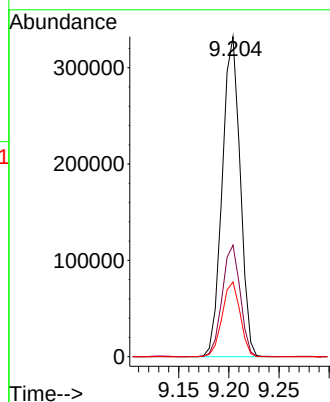
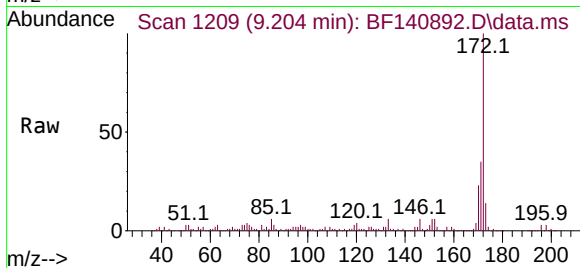
Tgt Ion:172 Resp: 412506

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 48.790 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

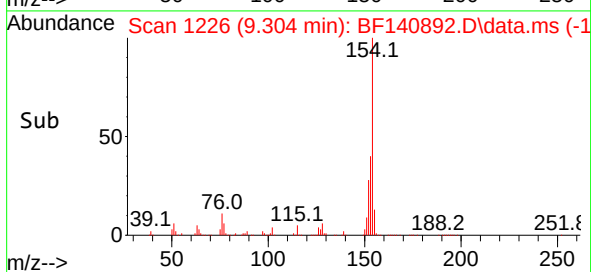
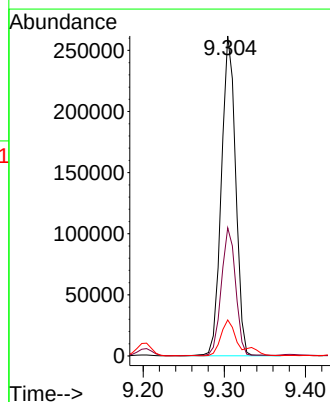
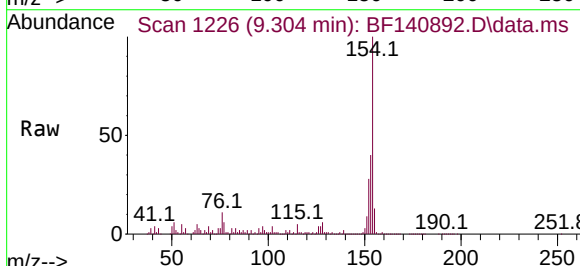
Tgt Ion:154 Resp: 320127

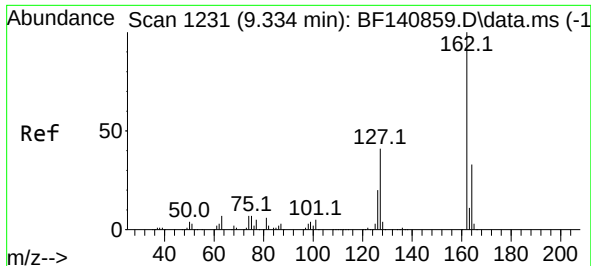
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

76 11.3 0.0 31.0

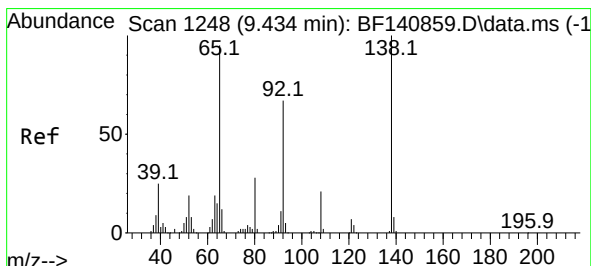
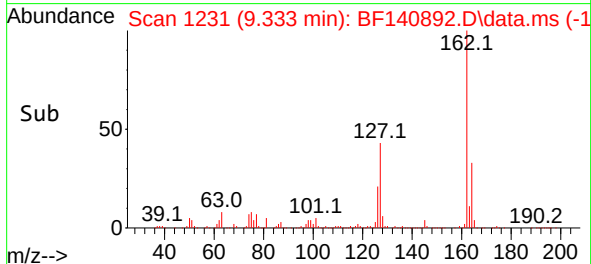
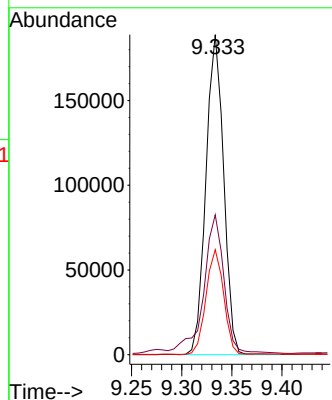
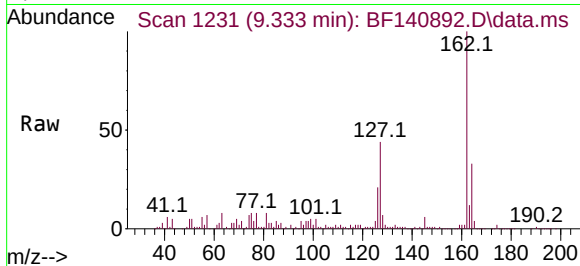




#47
2-Chloronaphthalene
Concen: 46.289 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

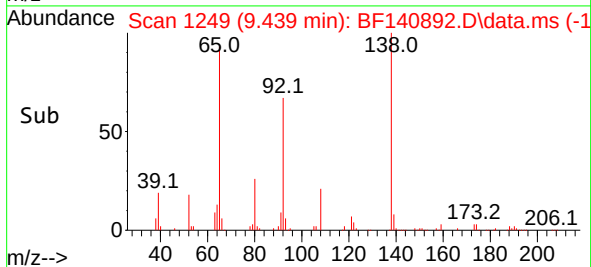
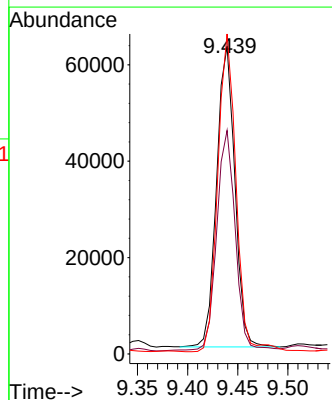
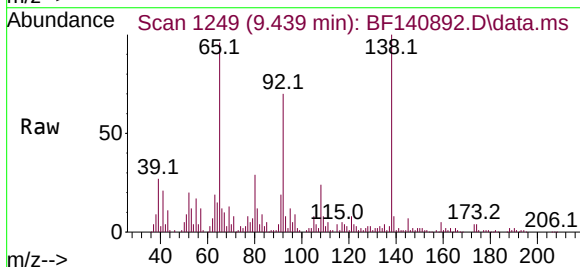
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

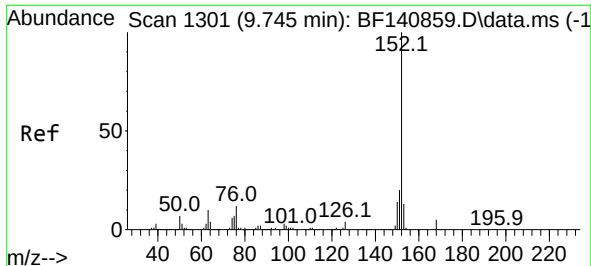
Tgt Ion:162 Resp: 232348
Ion Ratio Lower Upper
162 100
127 43.7 33.5 50.3
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 52.082 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion: 65 Resp: 78954
Ion Ratio Lower Upper
65 100
92 72.7 56.3 84.5
138 104.0 83.8 125.6

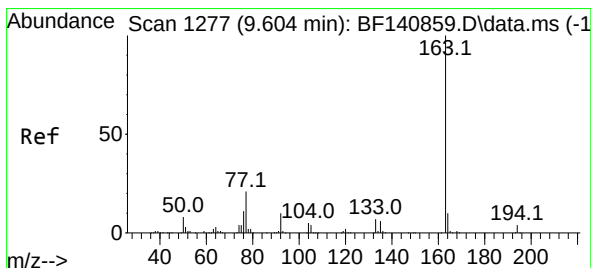
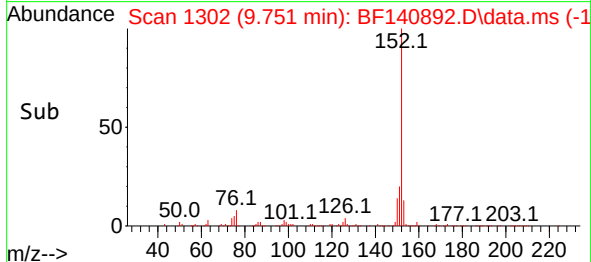
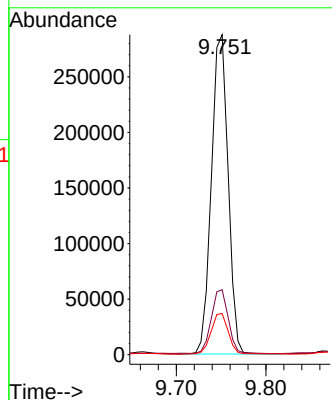
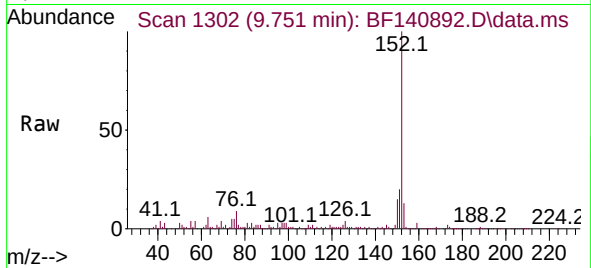




#49
Acenaphthylene
Concen: 50.435 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

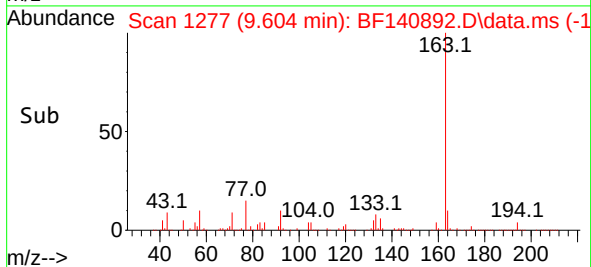
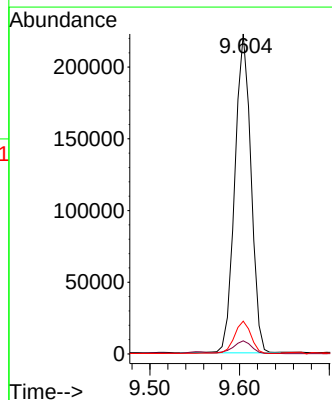
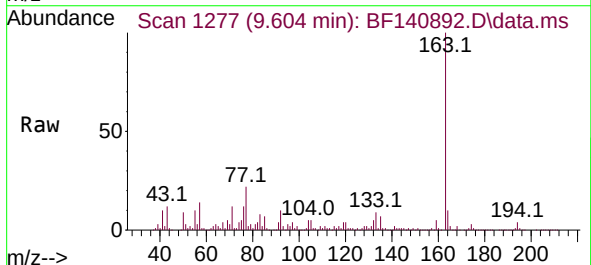
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

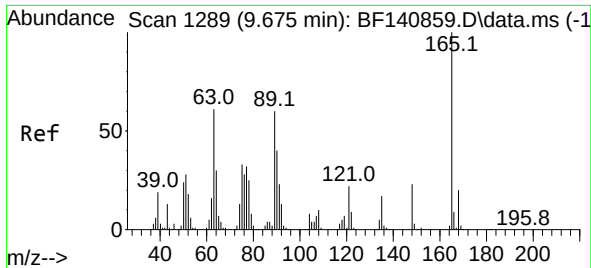
Tgt Ion:152 Resp: 372034
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 12.9 10.6 16.0



#50
Dimethylphthalate
Concen: 47.838 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:163 Resp: 278289
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.1 12.1

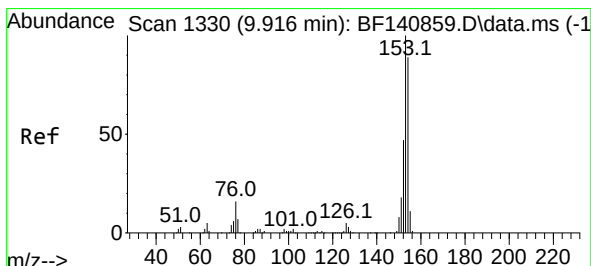
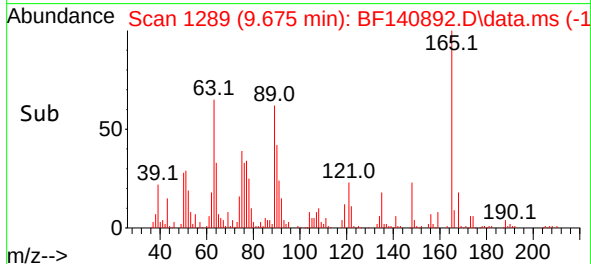
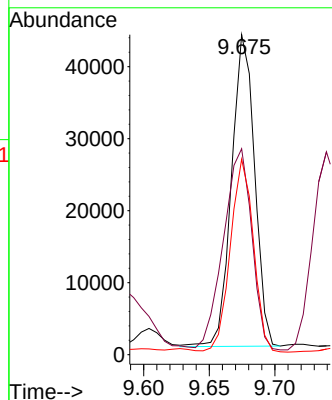
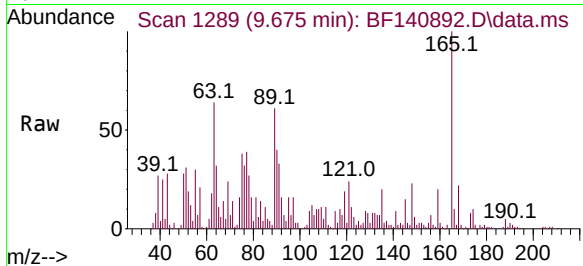




#51
2,6-Dinitrotoluene
Concen: 39.788 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

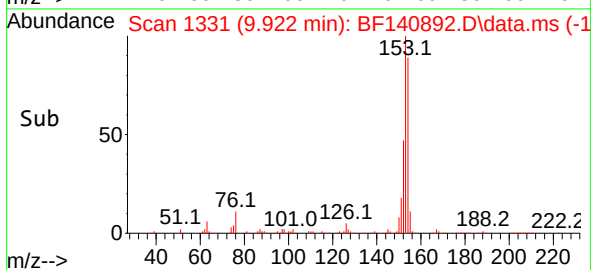
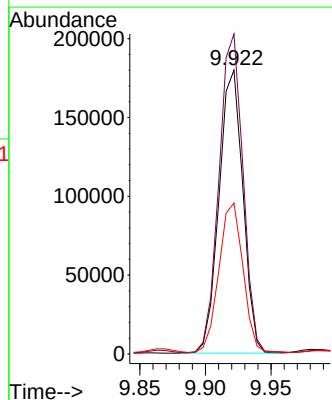
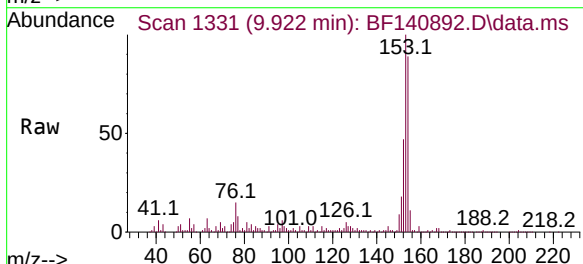
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

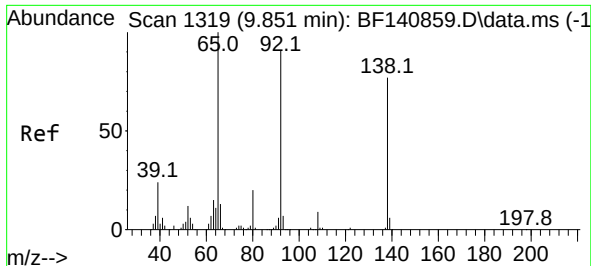
Tgt Ion:165 Resp: 52914
Ion Ratio Lower Upper
165 100
63 64.4 49.7 74.5
89 61.1 48.2 72.4



#52
Acenaphthene
Concen: 48.260 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:154 Resp: 227400
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 53.2 42.6 63.8

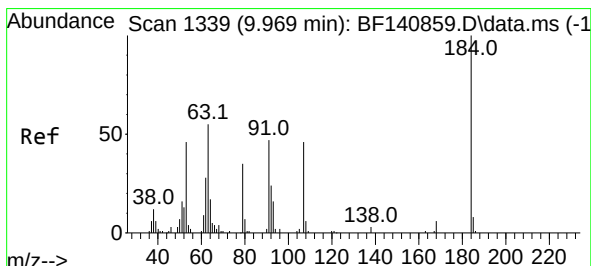
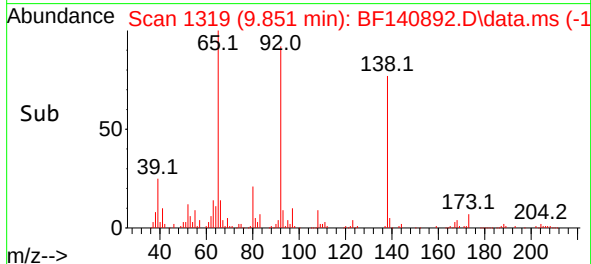
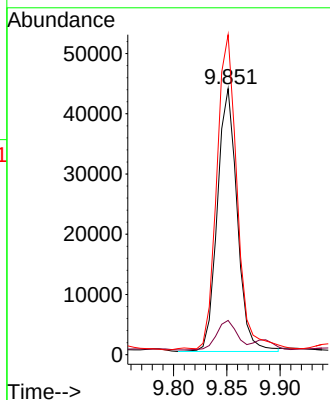
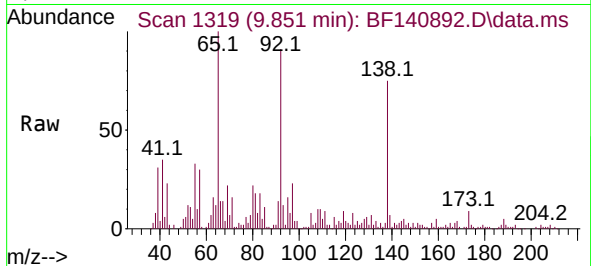




#53
3-Nitroaniline
Concen: 42.817 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

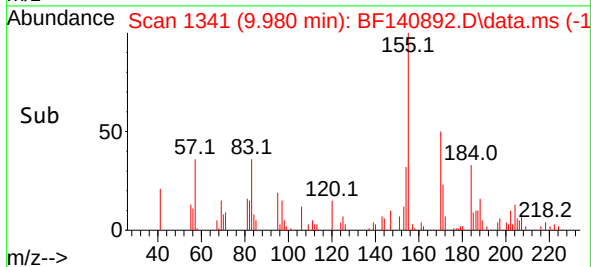
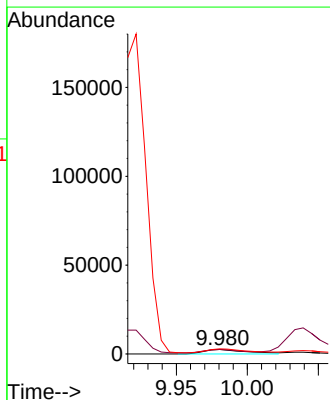
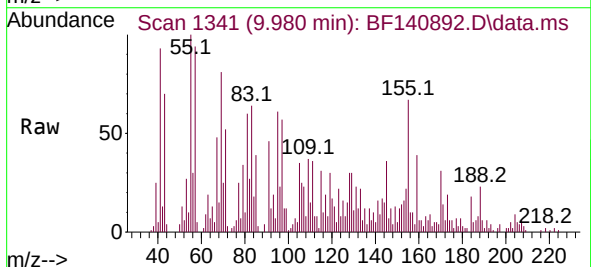
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

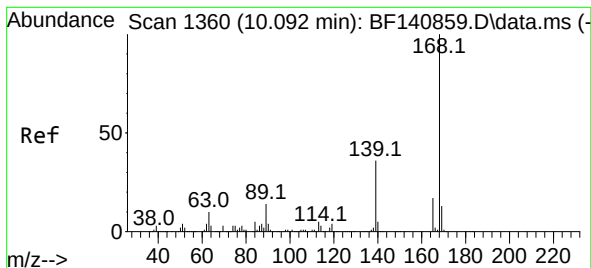
Tgt Ion:138 Resp: 56509
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.4
92 120.3 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 13.982 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:184 Resp: 5258
Ion Ratio Lower Upper
184 100
63 101.1 51.6 77.4#
154 116.9 56.1 84.1#

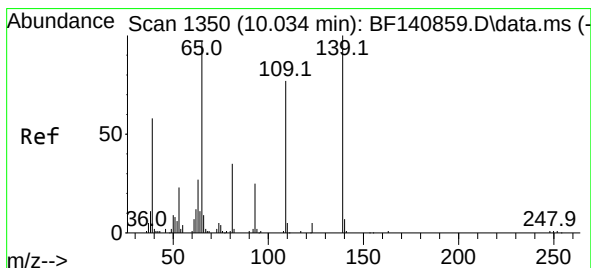
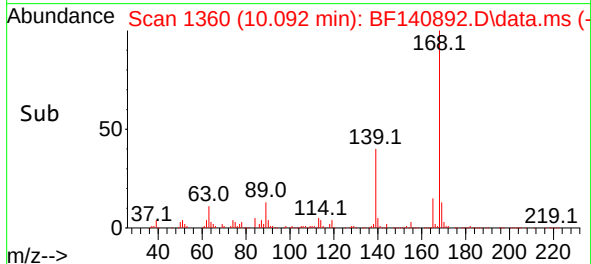
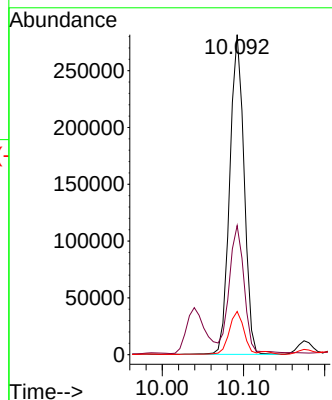
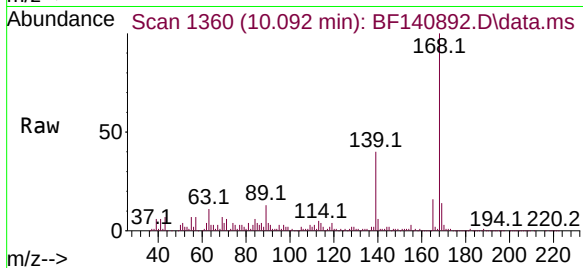




#55
Dibenzofuran
Concen: 47.107 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

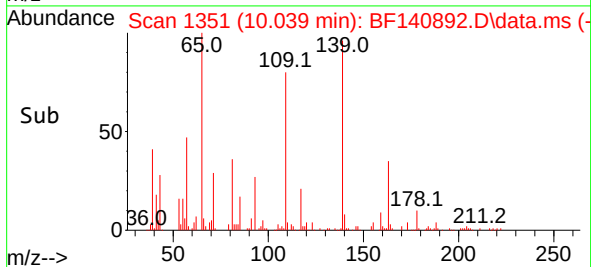
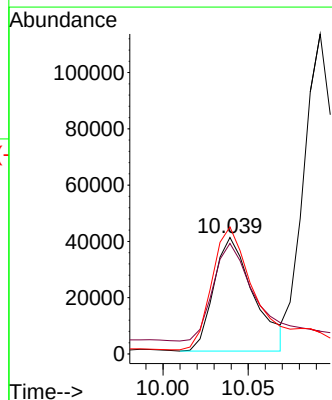
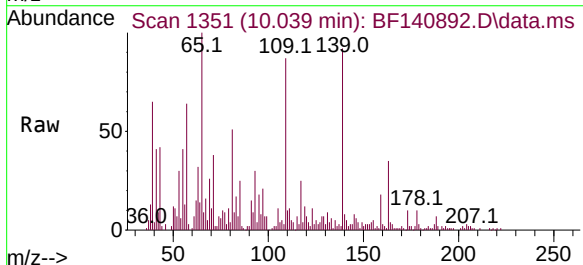
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

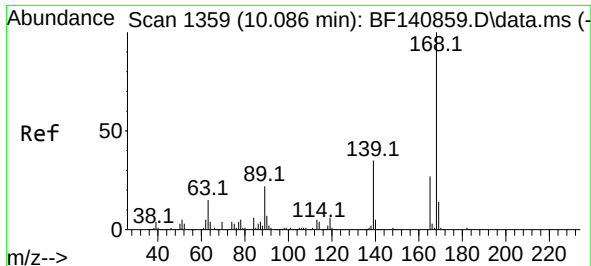
Tgt Ion:168 Resp: 343949
Ion Ratio Lower Upper
168 100
139 40.4 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 91.641 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:139 Resp: 65543
Ion Ratio Lower Upper
139 100
109 94.8 56.7 96.7
65 109.0 78.1 118.1

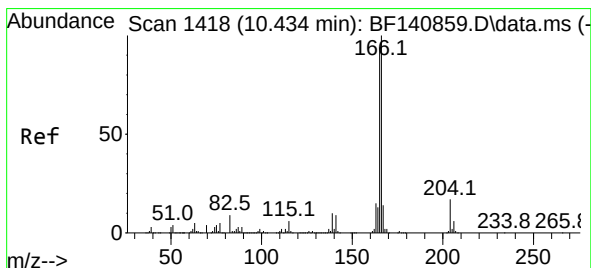
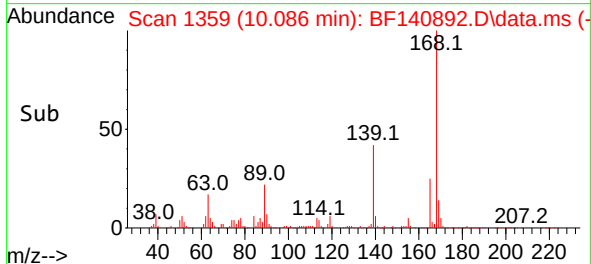
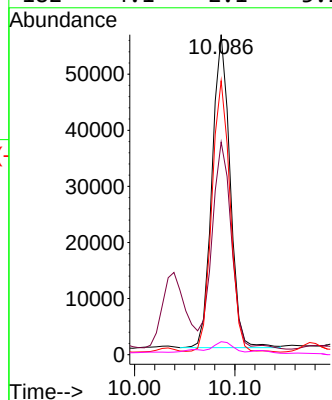
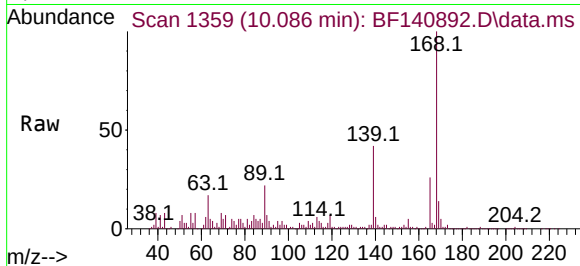




#57
2,4-Dinitrotoluene
Concen: 39.722 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

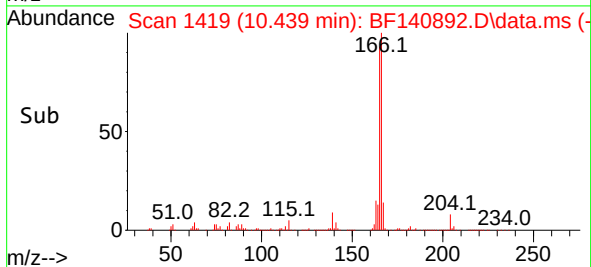
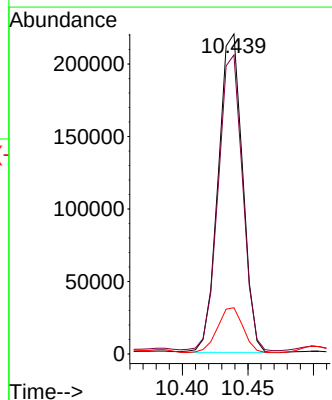
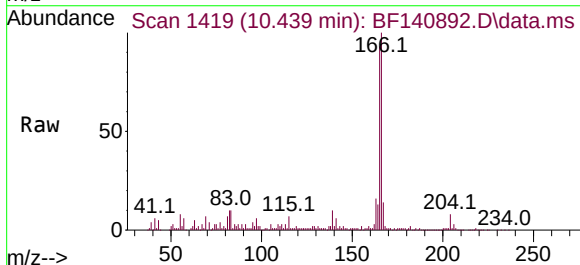
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

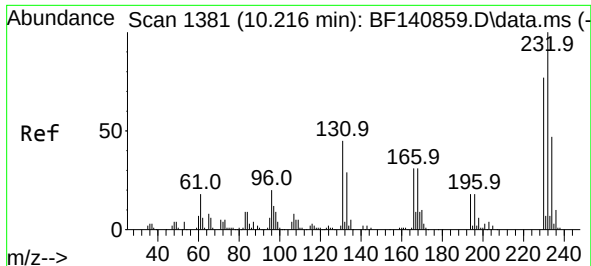
Tgt Ion:165 Resp: 69505
Ion Ratio Lower Upper
165 100
63 66.4 49.3 73.9
89 85.6 66.2 99.4
182 4.1 2.1 3.1#



#58
Fluorene
Concen: 46.995 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:166 Resp: 283081
Ion Ratio Lower Upper
166 100
165 93.4 75.1 112.7
167 14.5 11.1 16.7

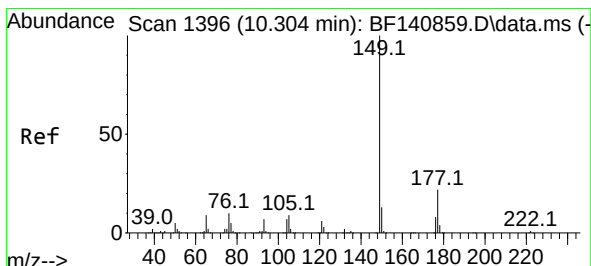
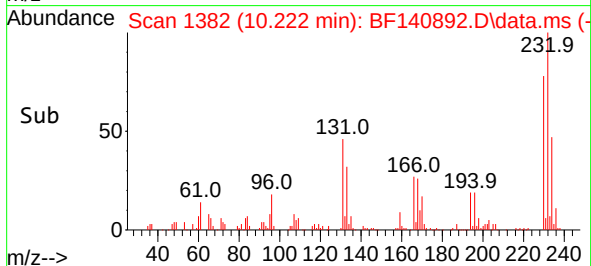
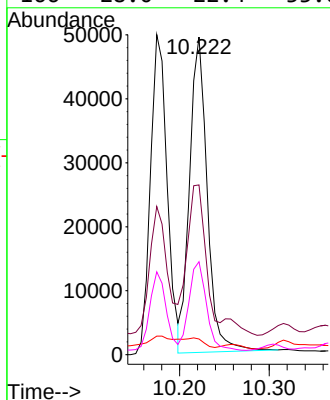
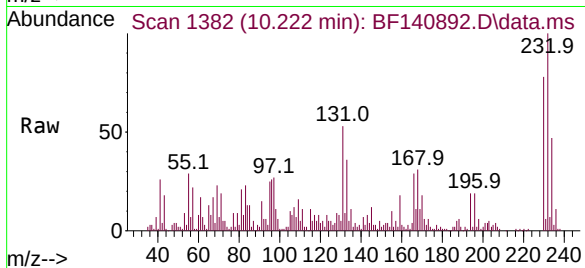




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.317 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

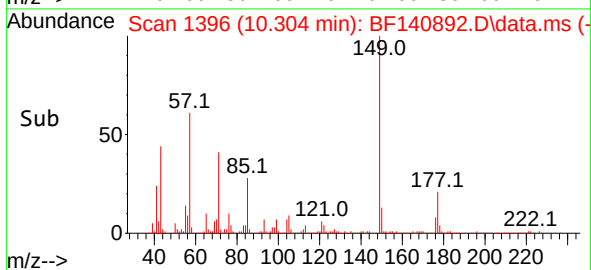
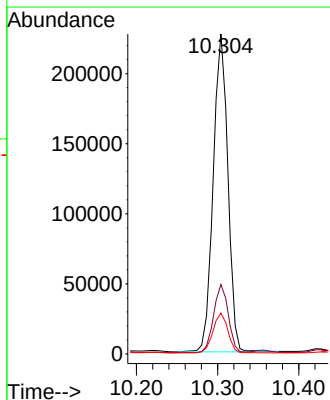
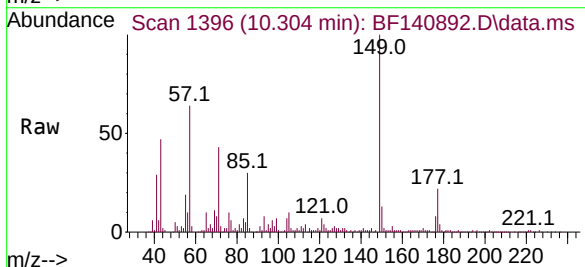
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

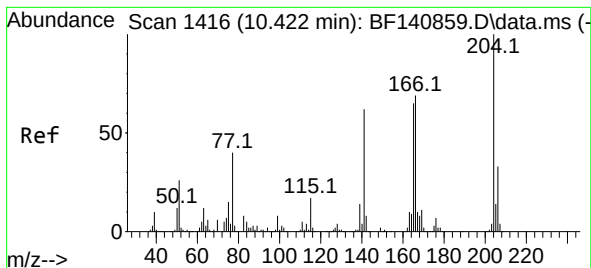
Tgt Ion:232 Resp: 67202
Ion Ratio Lower Upper
232 100
131 42.7 35.1 52.7
130 0.0 1.8 2.8#
166 28.0 22.4 33.6



#60
Diethylphthalate
Concen: 47.219 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:149 Resp: 284844
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.8 10.1 15.1

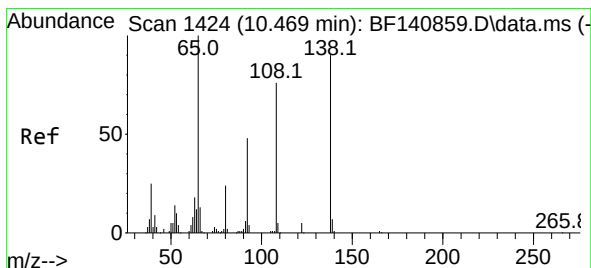
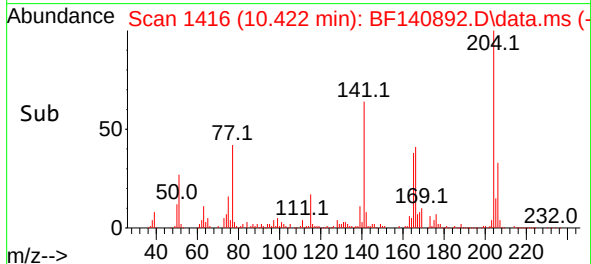
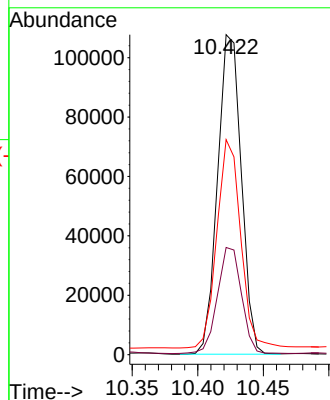
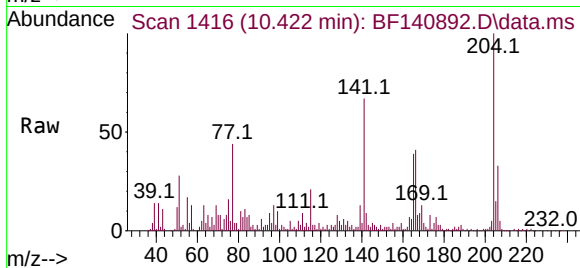




#61
4-Chlorophenyl-phenylether
Concen: 44.694 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

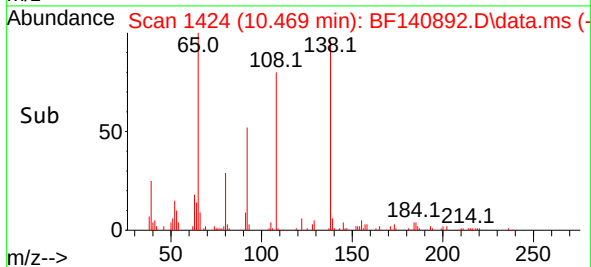
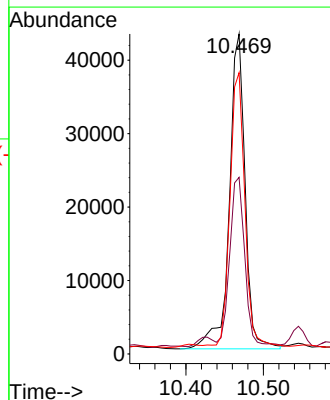
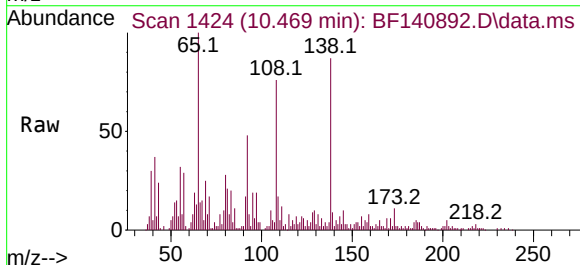
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

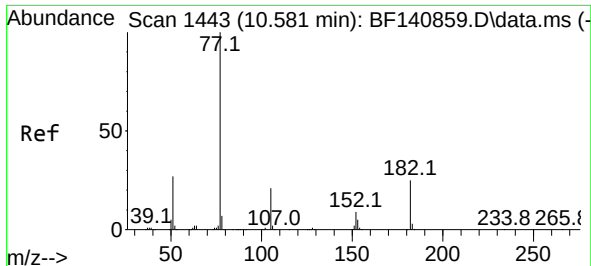
Tgt Ion:204 Resp: 135236
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 67.2 50.0 75.0



#62
4-Nitroaniline
Concen: 44.241 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:138 Resp: 61016
Ion Ratio Lower Upper
138 100
92 55.2 32.6 72.6
108 87.9 64.1 104.1

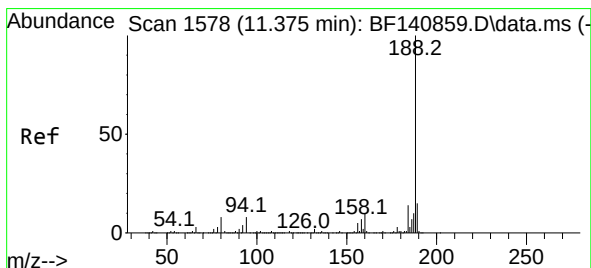
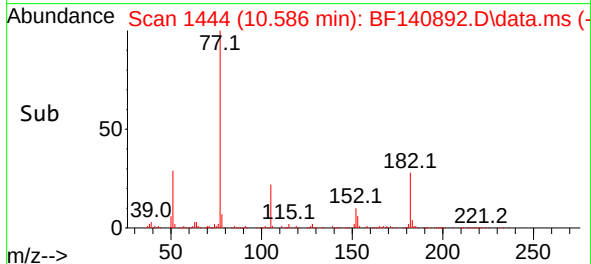
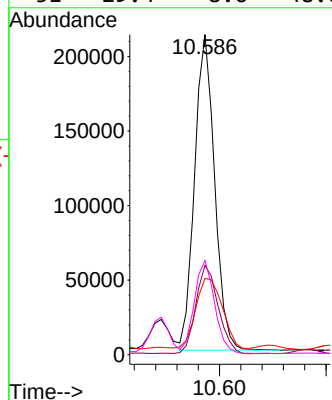
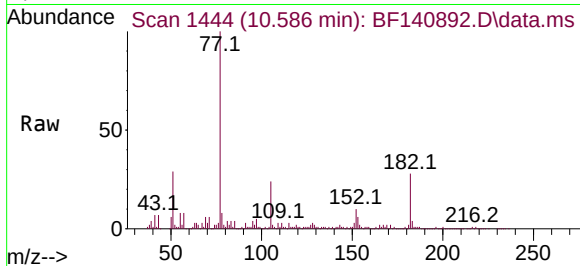




#63
Azobenzene
Concen: 48.651 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

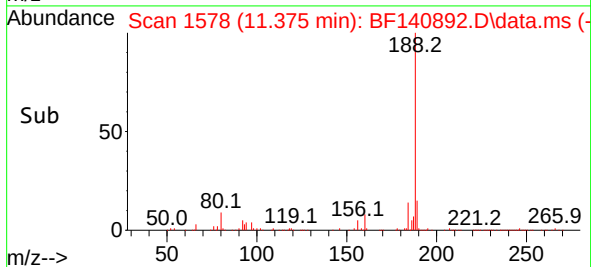
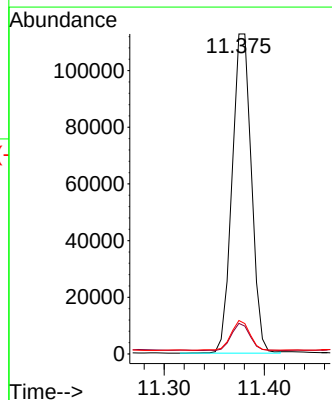
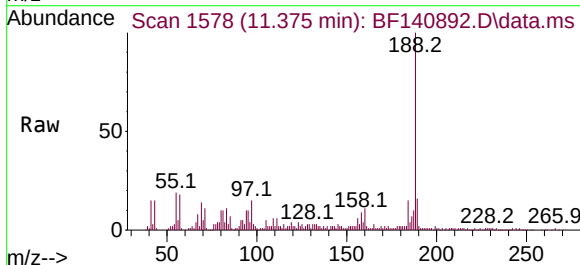
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

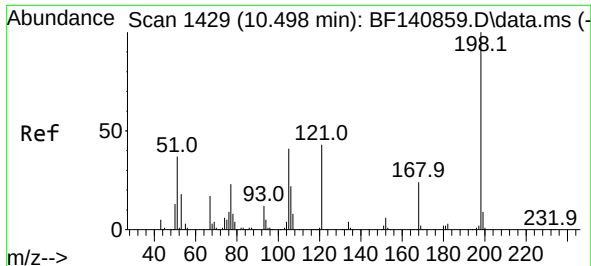
Tgt Ion: 77	Resp: 275909
Ion Ratio	Lower Upper
77 100	
182 27.9	4.5 44.5
105 23.9	0.9 40.9
51 29.4	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:188	Resp:	150674	
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.4	9.6
80	10.5	6.8	10.2#

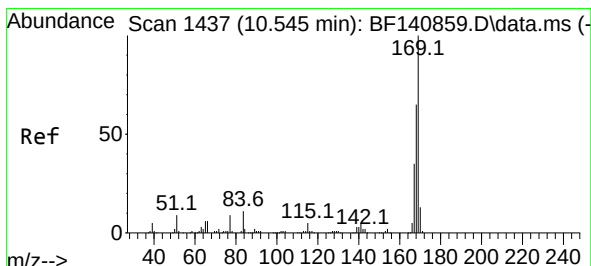
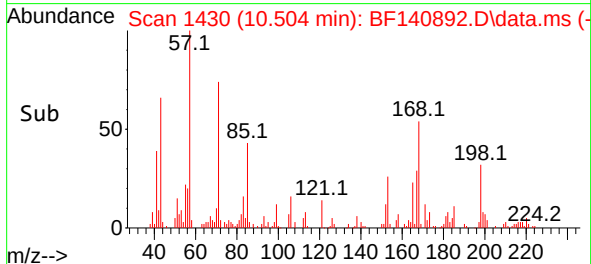
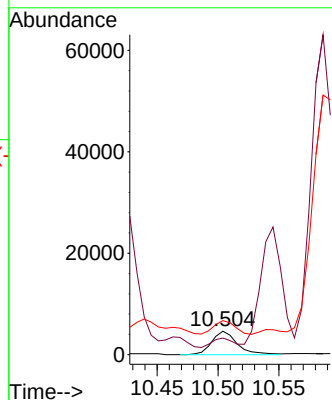
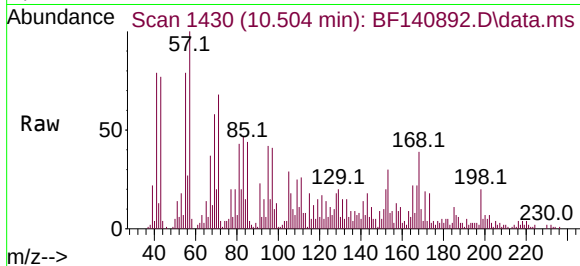




#65
4,6-Dinitro-2-methylphenol
Concen: 7.882 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

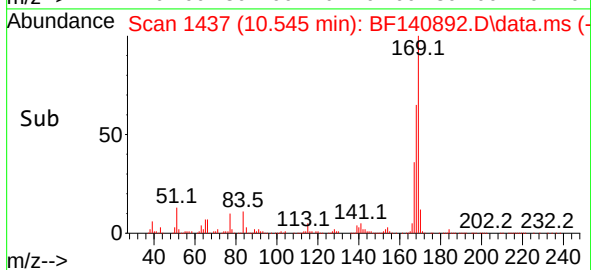
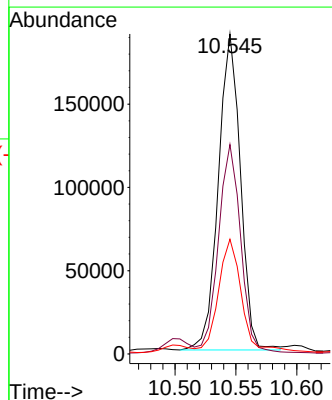
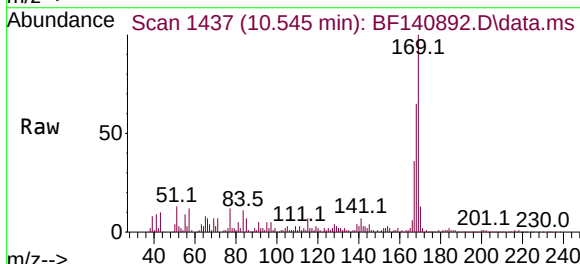
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

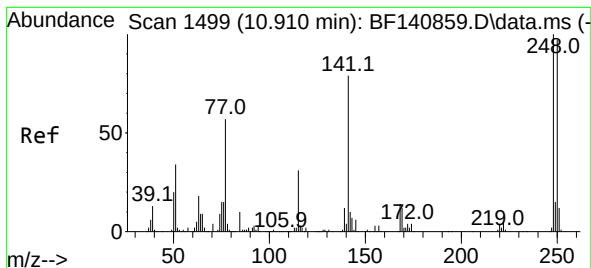
Tgt Ion:198 Resp: 6730
Ion Ratio Lower Upper
198 100
51 70.8 24.4 64.4#
105 144.5 22.1 62.1#



#66
n-Nitrosodiphenylamine
Concen: 51.729 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:169 Resp: 239636
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 35.8 28.3 42.5

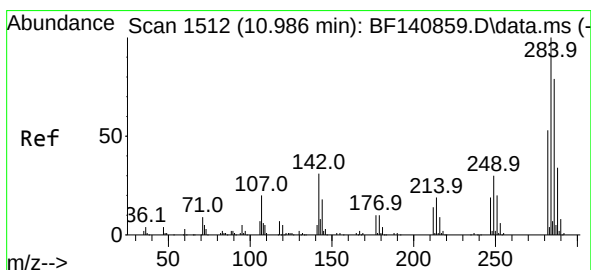
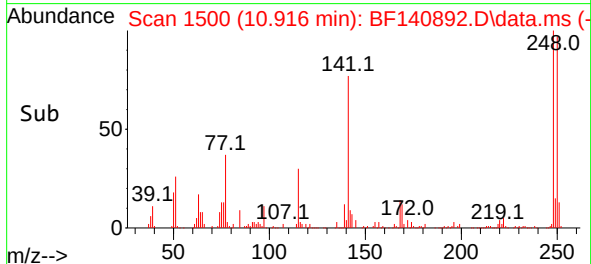
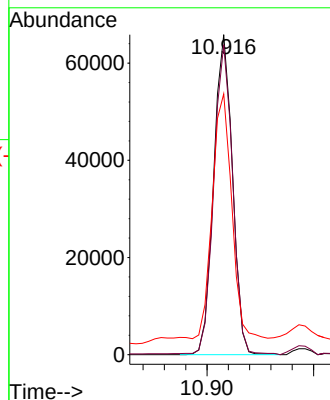
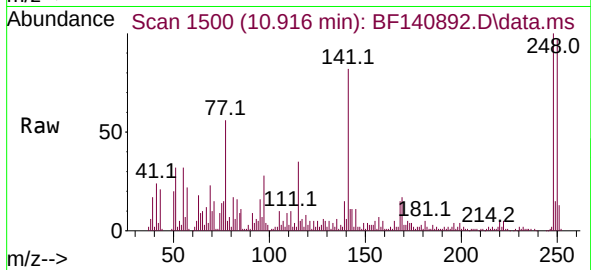




#67
4-Bromophenyl-phenylether
Concen: 47.745 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

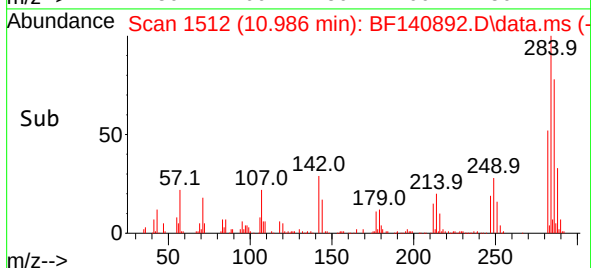
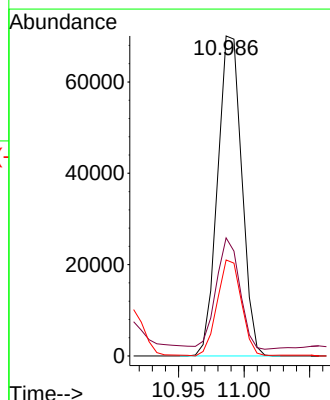
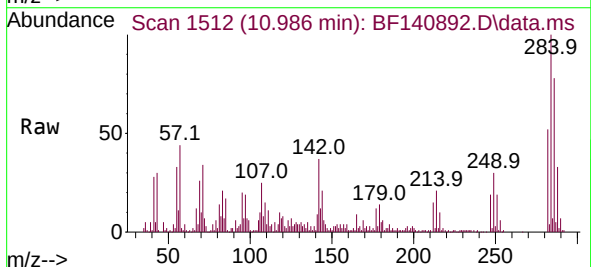
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

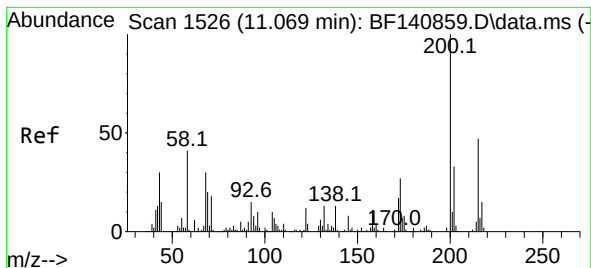
Tgt Ion:248 Resp: 80480
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.2
141 81.5 62.9 94.3



#68
Hexachlorobenzene
Concen: 46.911 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:284 Resp: 89654
Ion Ratio Lower Upper
284 100
142 36.9 24.6 36.8#
249 30.0 24.3 36.5





#69

Atrazine

Concen: 56.097 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140892.D

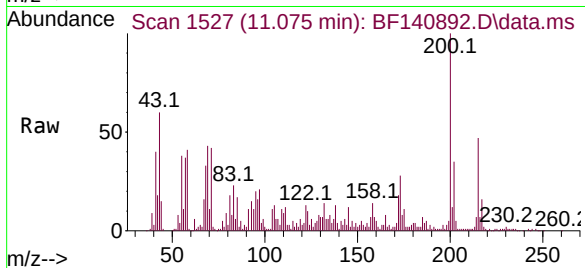
Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS



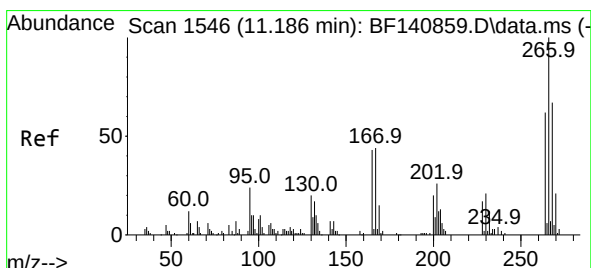
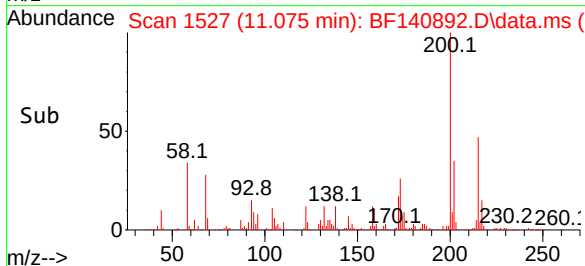
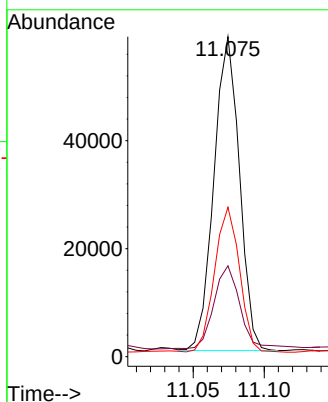
Tgt Ion:200 Resp: 72579

Ion Ratio Lower Upper

200 100

173 28.4 6.6 46.6

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 110.186 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

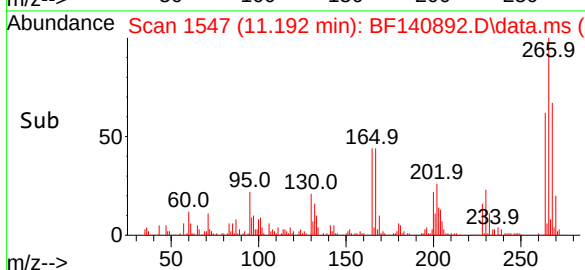
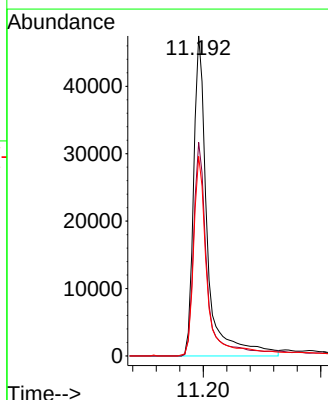
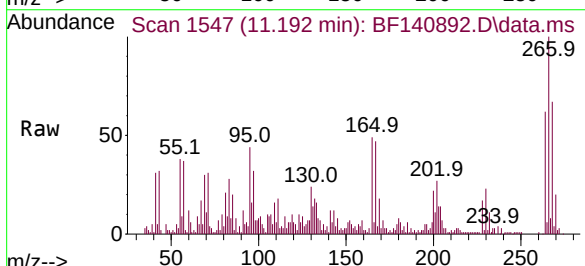
Tgt Ion:266 Resp: 76990

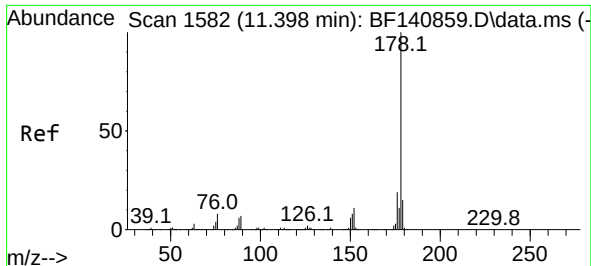
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 62.4 49.4 74.2

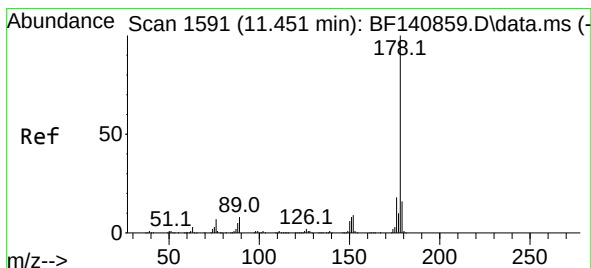
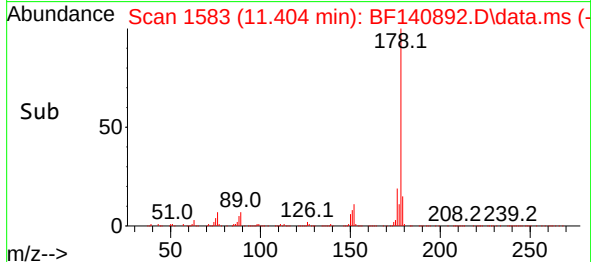
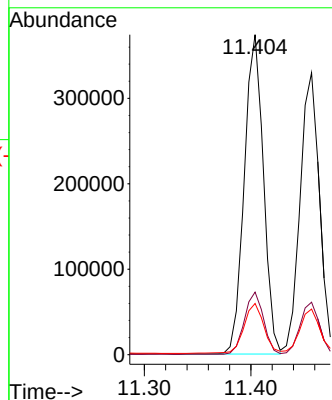
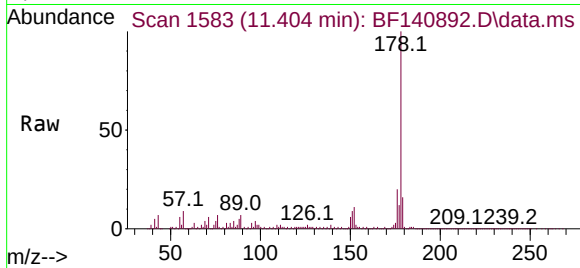




#71
Phenanthrene
Concen: 60.346 ng
RT: 11.404 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

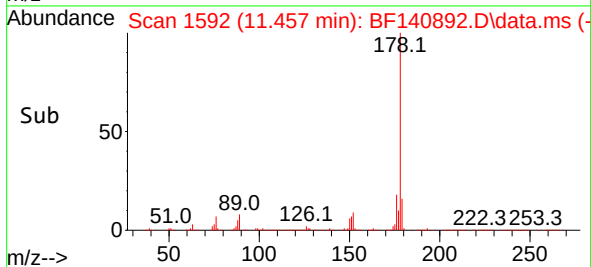
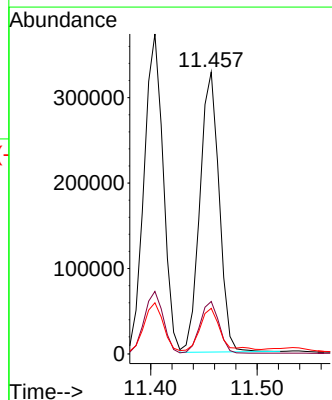
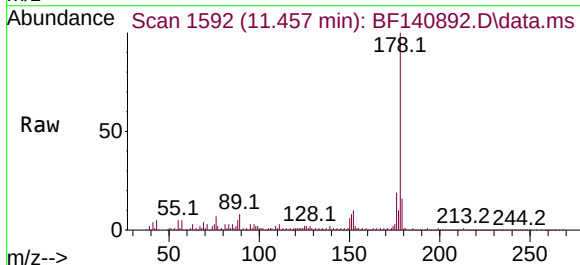
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

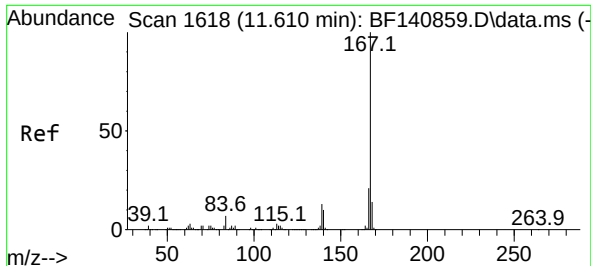
Tgt Ion:178 Resp: 467579
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.1 18.1



#72
Anthracene
Concen: 54.006 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:178 Resp: 412093
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 16.2 12.6 18.8

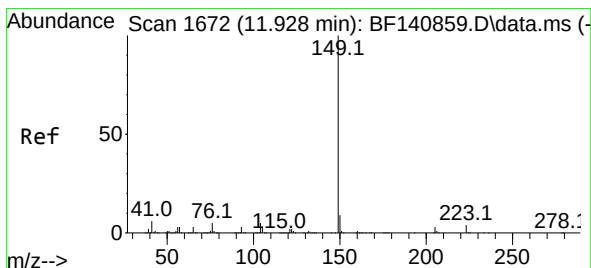
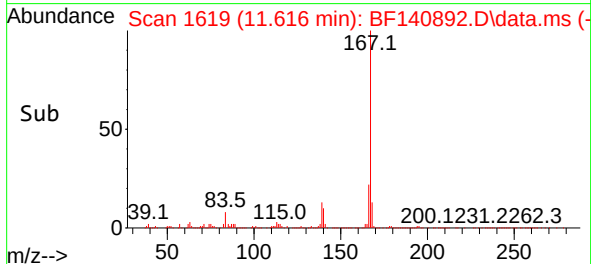
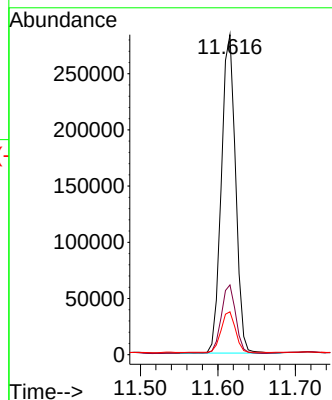
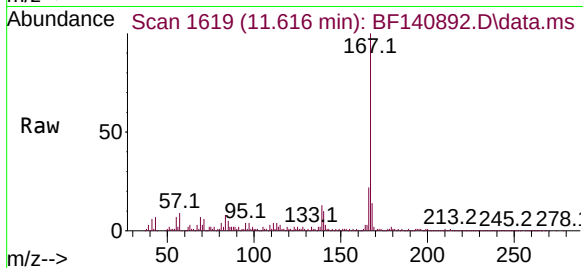




#73
Carbazole
Concen: 48.471 ng
RT: 11.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

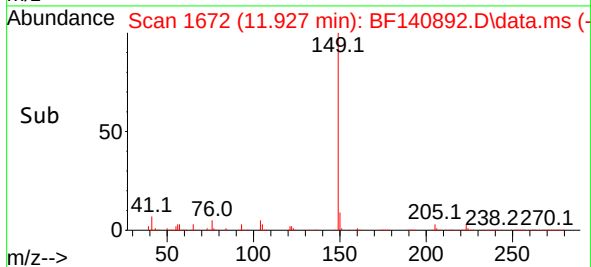
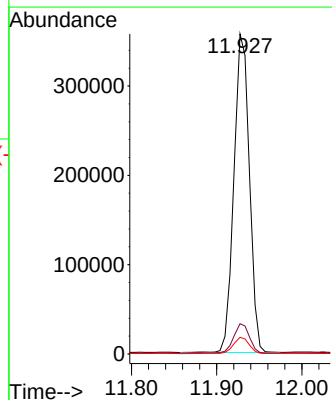
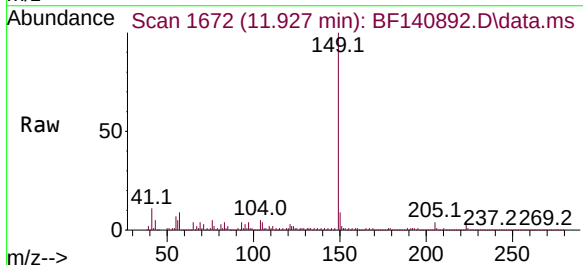
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

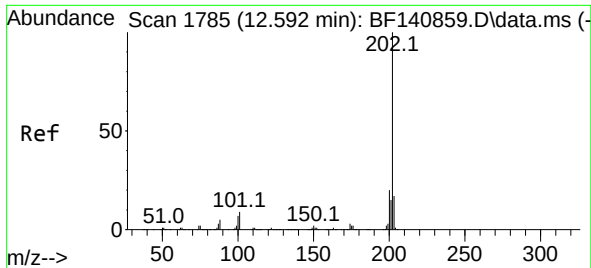
Tgt Ion:167 Resp: 362272
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.6
139 13.4 10.2 15.2



#74
Di-n-butylphthalate
Concen: 51.202 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:149 Resp: 449122
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.2 3.8 5.8

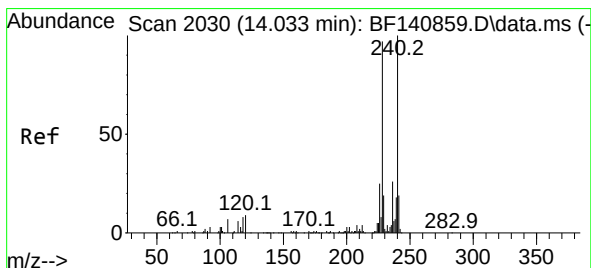
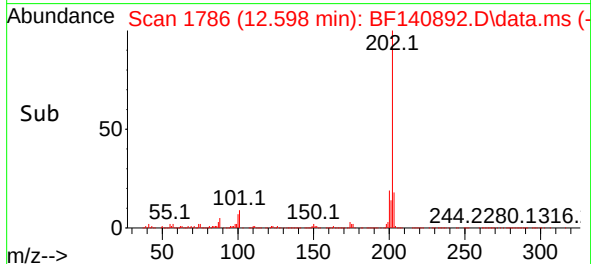
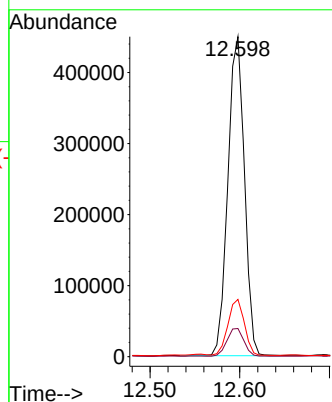
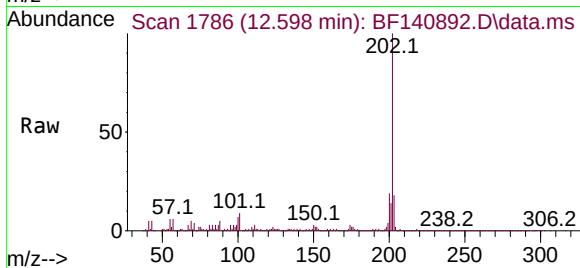




#75
Fluoranthene
Concen: 64.476 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

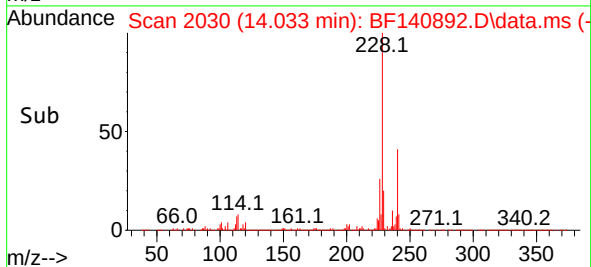
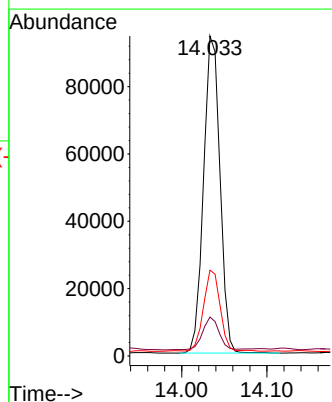
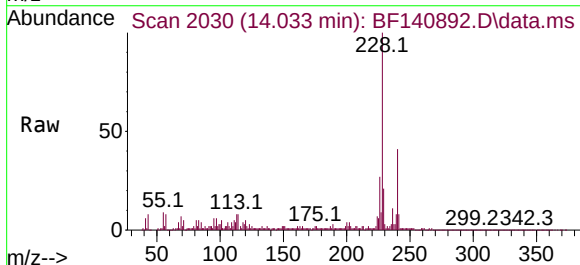
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

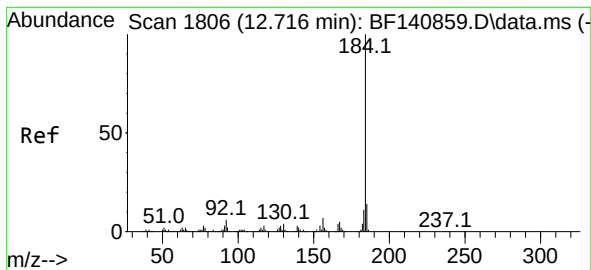
Tgt Ion:202 Resp: 575346
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140892.D
Acq: 17 Dec 2024 18:15

Tgt Ion:240 Resp: 126293
Ion Ratio Lower Upper
240 100
120 12.1 7.6 11.4#
236 26.8 20.5 30.7





#77

Benzidine

Concen: 55.754 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

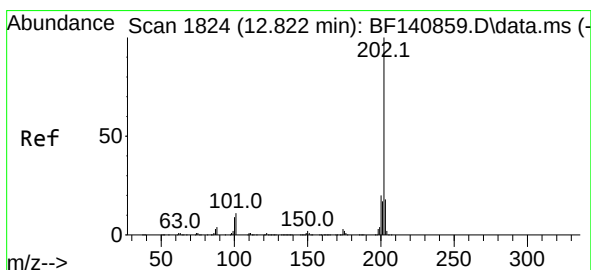
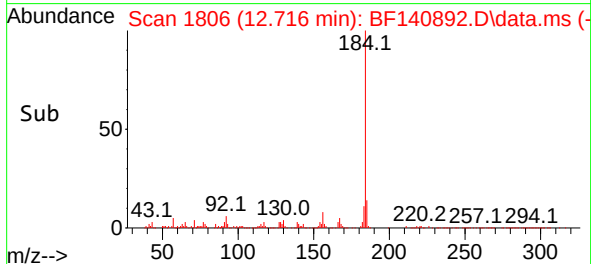
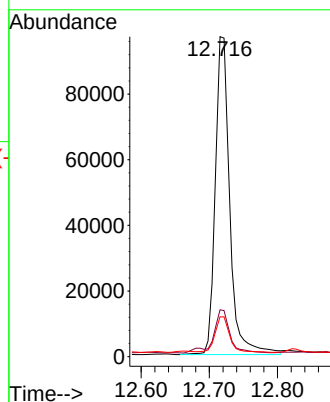
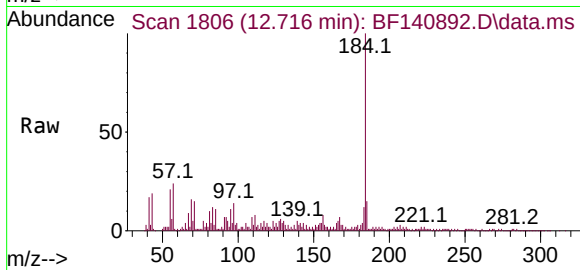
Tgt Ion:184 Resp: 143712

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

183 12.4 9.0 13.4



#78

Pyrene

Concen: 52.564 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

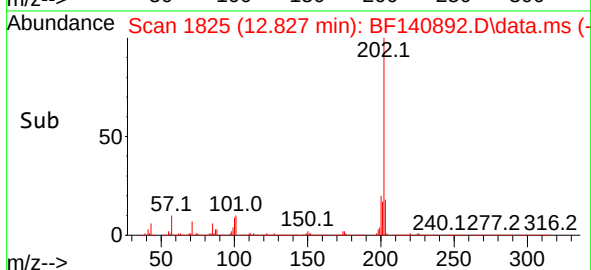
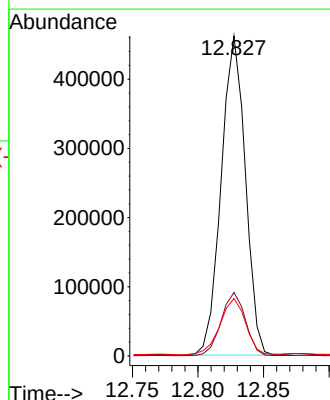
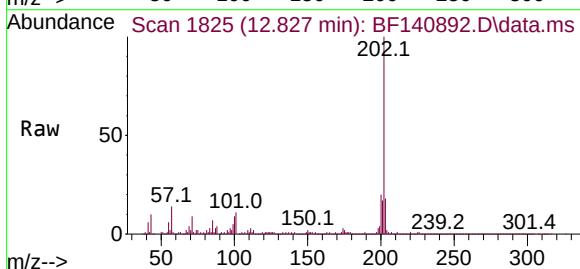
Tgt Ion:202 Resp: 590333

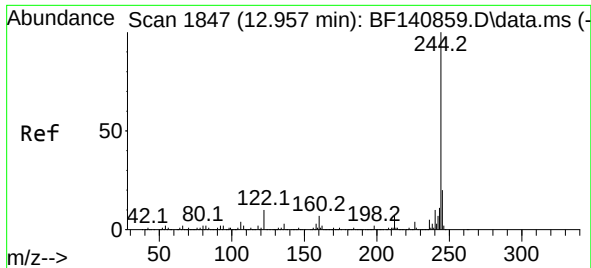
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 18.0 14.2 21.4

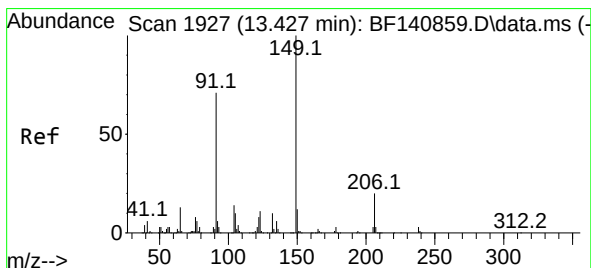
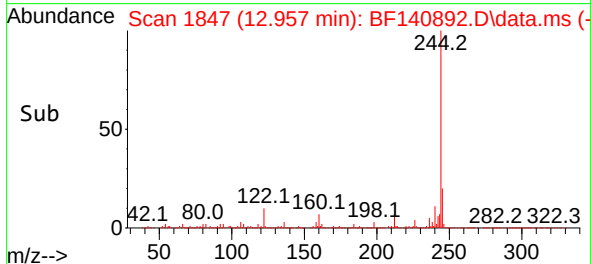
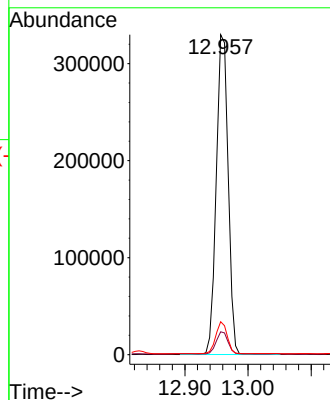
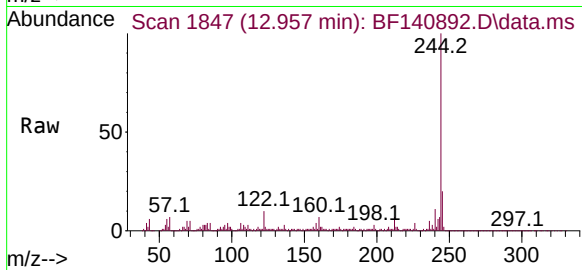




#79
 Terphenyl-d14
 Concen: 53.688 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

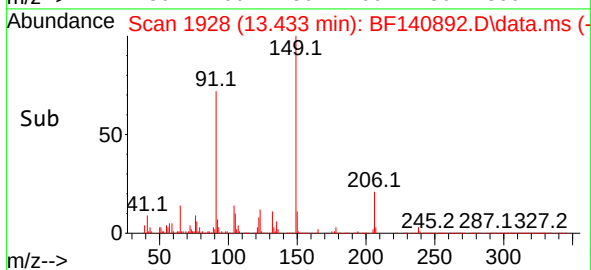
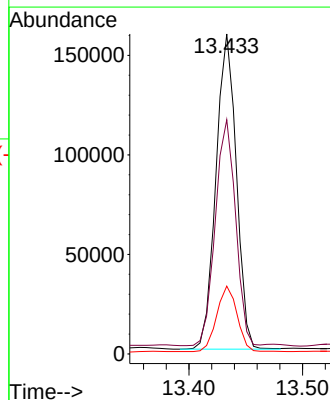
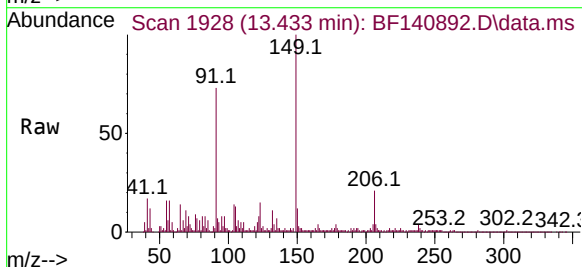
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

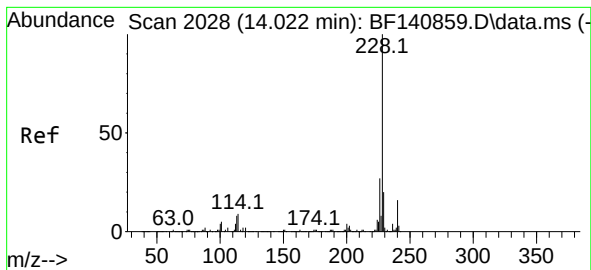
Tgt Ion:244 Resp: 429995
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.882 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140892.D
 Acq: 17 Dec 2024 18:15

Tgt Ion:149 Resp: 197867
 Ion Ratio Lower Upper
 149 100
 91 73.2 56.7 85.1
 206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 56.380 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

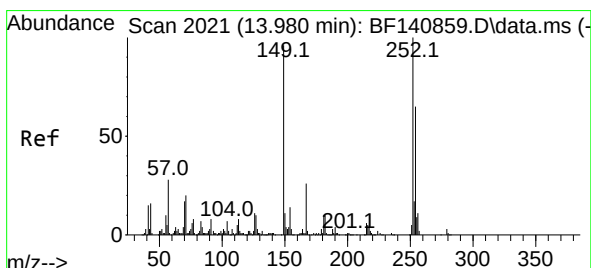
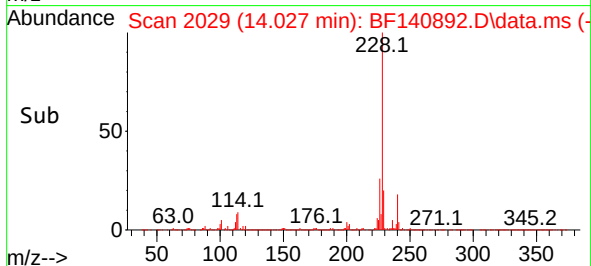
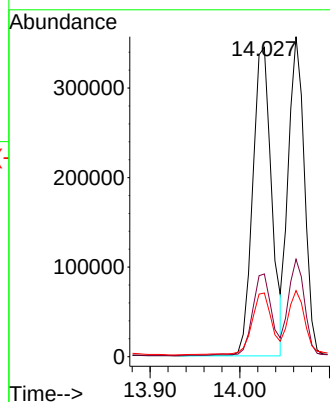
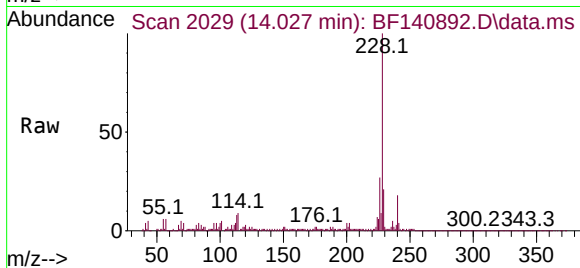
Tgt Ion:228 Resp: 504647

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 20.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.302 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

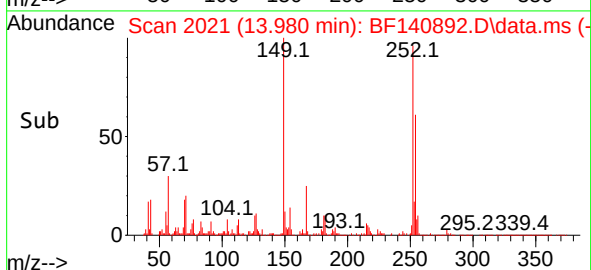
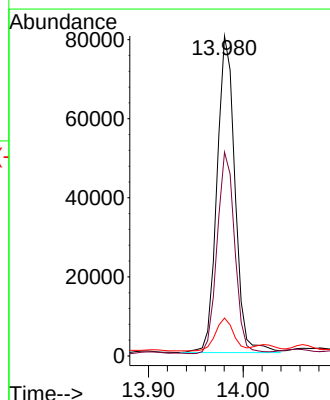
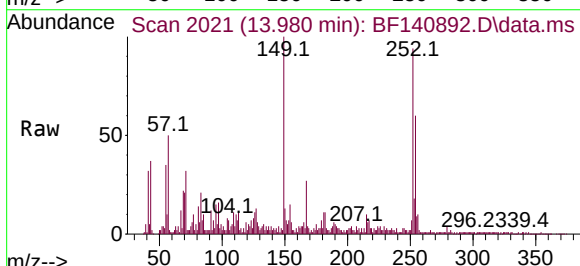
Tgt Ion:252 Resp: 106135

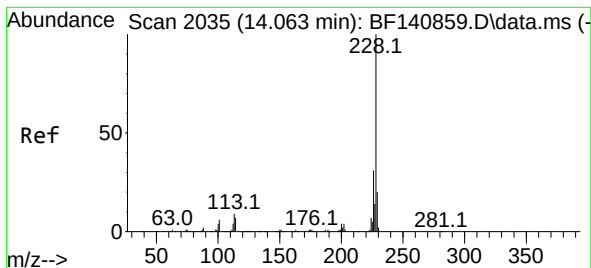
Ion Ratio Lower Upper

252 100

254 63.7 52.3 78.5

126 11.8 8.4 12.6





#83

Chrysene

Concen: 54.143 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

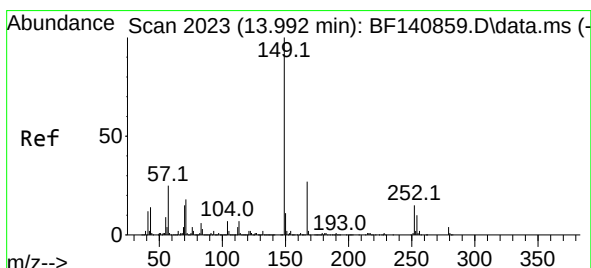
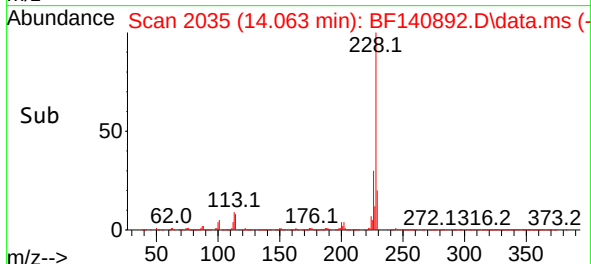
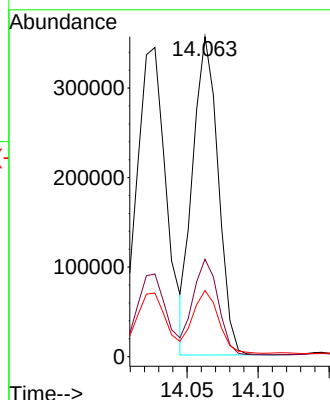
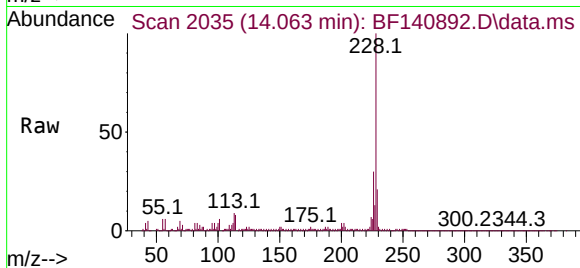
Tgt Ion:228 Resp: 440685

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.808 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

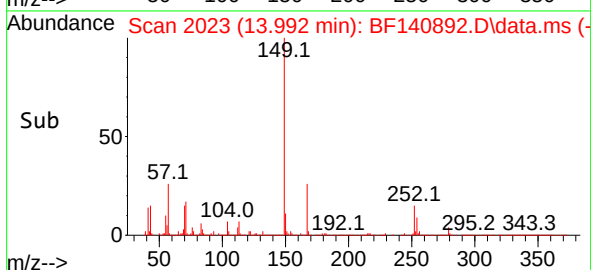
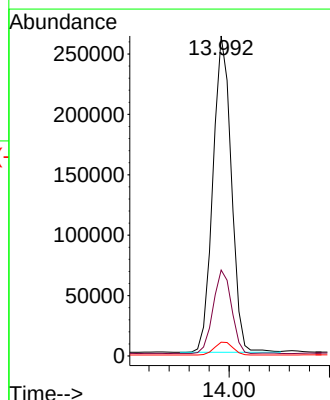
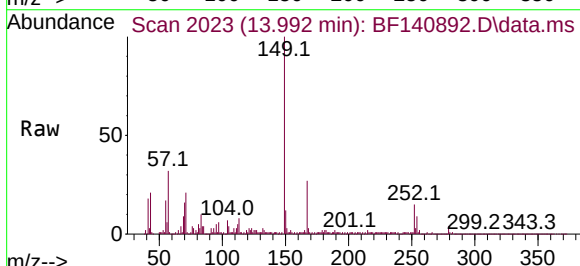
Tgt Ion:149 Resp: 334663

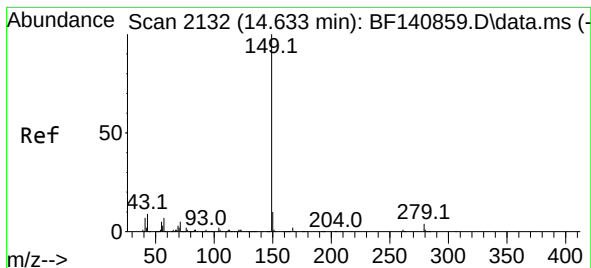
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 60.348 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

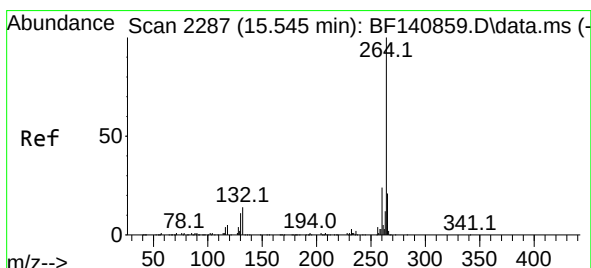
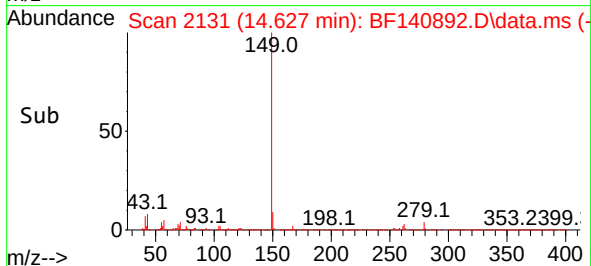
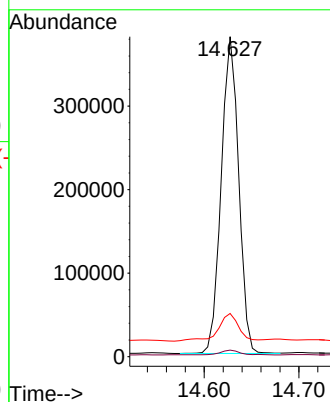
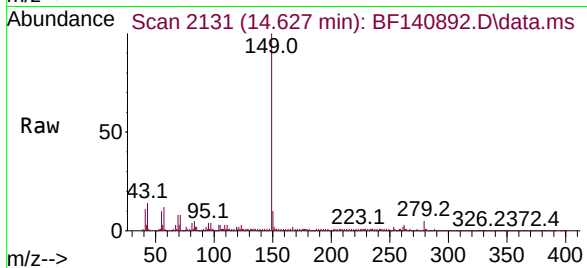
Tgt Ion:149 Resp: 486481

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.2 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

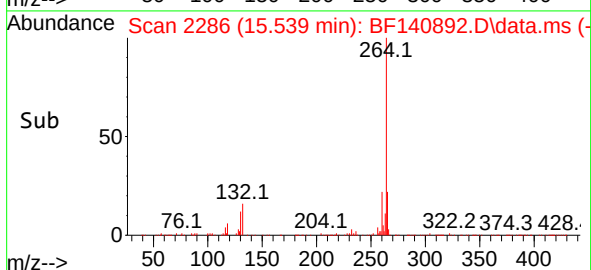
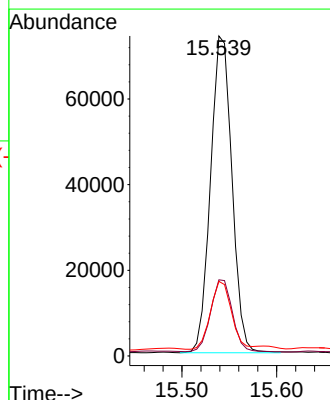
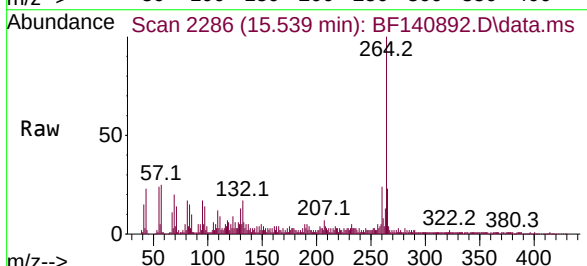
Tgt Ion:264 Resp: 116114

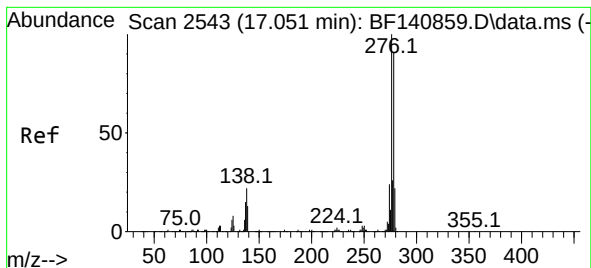
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 23.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.243 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

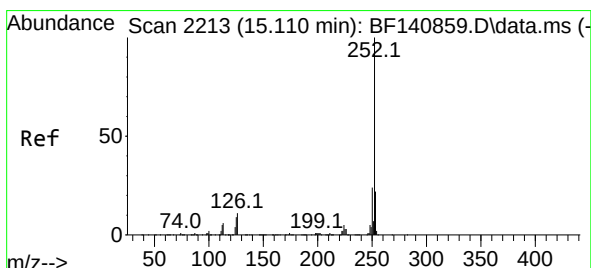
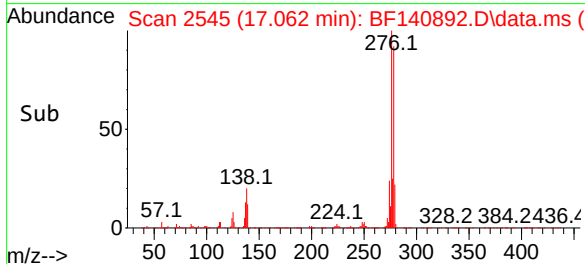
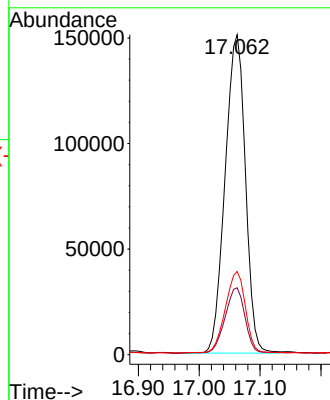
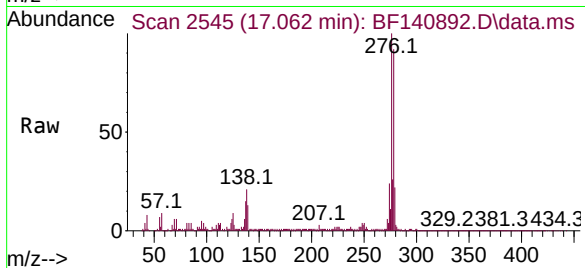
Tgt Ion:276 Resp: 349569

Ion Ratio Lower Upper

276 100

138 20.5 16.9 25.3

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.986 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

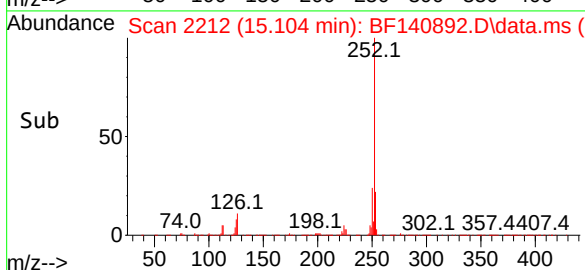
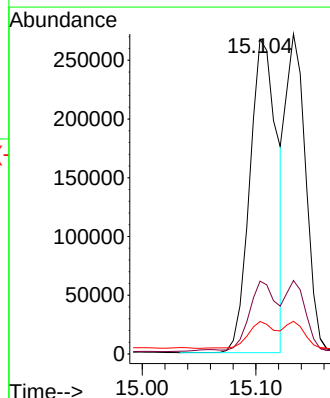
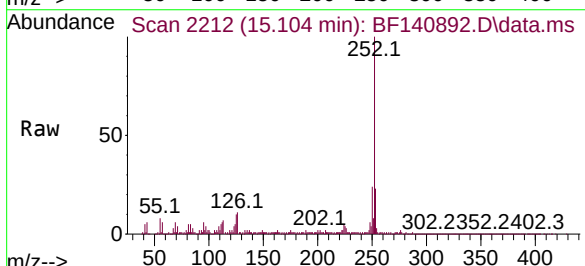
Tgt Ion:252 Resp: 443191

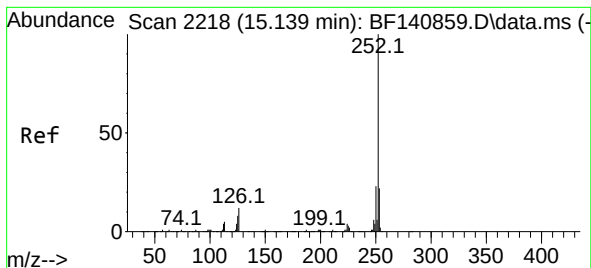
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 10.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.644 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

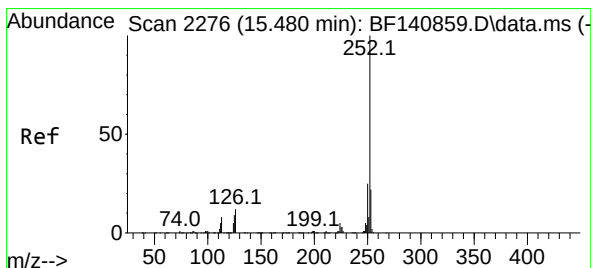
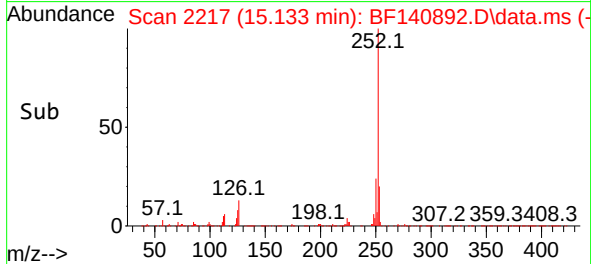
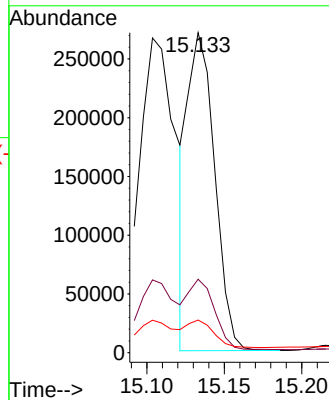
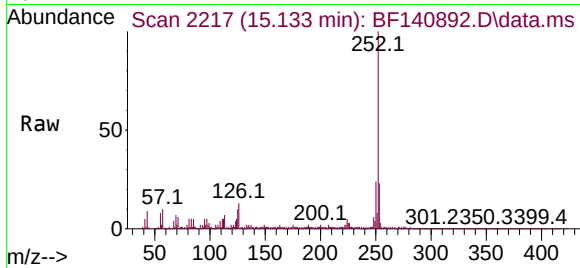
Tgt Ion:252 Resp: 329403

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 10.2 6.8 10.2#



#90

Benzo(a)pyrene

Concen: 57.029 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

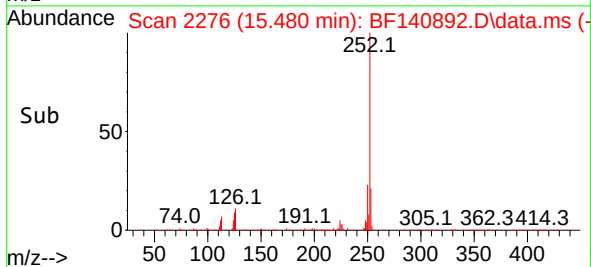
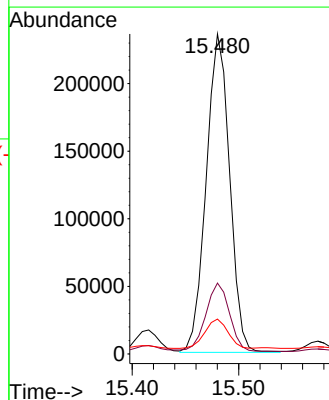
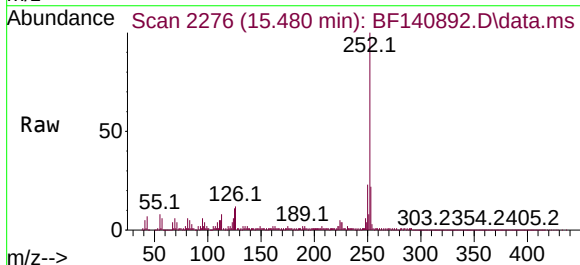
Tgt Ion:252 Resp: 359923

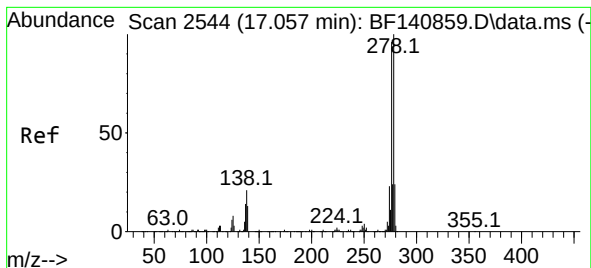
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 46.291 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

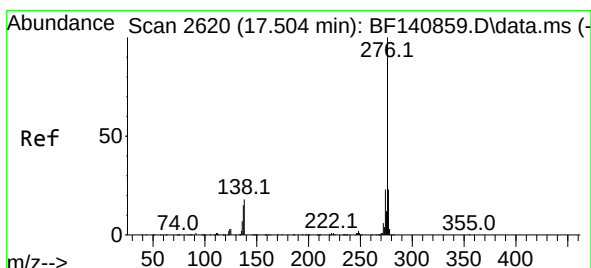
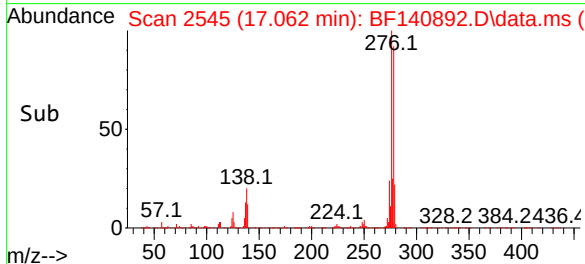
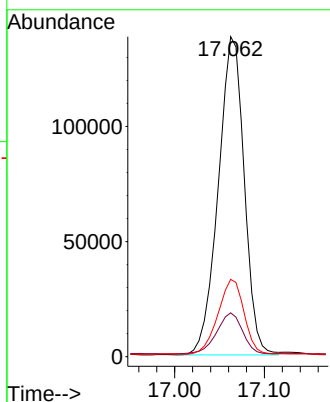
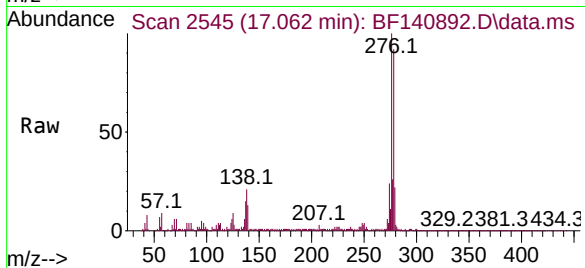
Tgt Ion:278 Resp: 277880

Ion Ratio Lower Upper

278 100

139 13.7 10.6 16.0

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.910 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.012 min

Lab File: BF140892.D

Acq: 17 Dec 2024 18:15

Tgt Ion:276 Resp: 262163

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 17.1 14.2 21.2

