

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140935.D
 Acq On : 19 Dec 2024 19:08
 Operator : RC/JU
 Sample : P5301-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-121624MS

Quant Time: Dec 20 00:09:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	59192	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	196105	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	89823	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	167636	20.000	ng	0.00
76) Chrysene-d12	14.033	240	122820	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	99558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	339323	94.369	ng	0.00
7) Phenol-d6	6.504	99	427168	89.693	ng	0.00
23) Nitrobenzene-d5	7.416	82	262949	67.085	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	97662	91.930	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	423047	64.752	ng	0.00
79) Terphenyl-d14	12.957	244	448493	57.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	55343	35.733	ng	99
3) Pyridine	3.422	79	139719	38.954	ng	98
4) n-Nitrosodimethylamine	3.369	42	76958	42.561	ng	99
6) Aniline	6.522	93	84418	20.731	ng	# 44
8) 2-Chlorophenol	6.645	128	165810	42.286	ng	99
9) Benzaldehyde	6.410	77	34635	13.125	ng	96
10) Phenol	6.522	94	204961	41.523	ng	87
11) bis(2-Chloroethyl)ether	6.587	93	169049	45.923	ng	98
12) 1,3-Dichlorobenzene	6.792	146	178857	40.030	ng	96
13) 1,4-Dichlorobenzene	6.869	146	184393	40.657	ng	99
14) 1,2-Dichlorobenzene	7.016	146	172025	40.201	ng	98
15) Benzyl Alcohol	7.004	79	144965	42.571	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	183866	42.400	ng	95
17) 2-Methylphenol	7.122	107	124264	39.694	ng	97
18) Hexachloroethane	7.357	117	64969	38.479	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	116954	40.939	ng	99
20) 3+4-Methylphenols	7.292	107	169011	40.714	ng	# 63
22) Acetophenone	7.263	105	233352	47.568	ng	# 92
24) Nitrobenzene	7.434	77	169362	42.176	ng	99
25) Isophorone	7.675	82	292061	44.470	ng	99
26) 2-Nitrophenol	7.751	139	82115	44.400	ng	99
27) 2,4-Dimethylphenol	7.798	122	115786	53.608	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	181344	44.209	ng	98
29) 2,4-Dichlorophenol	8.022	162	125712	42.158	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	137247	40.151	ng	100
31) Naphthalene	8.151	128	450323	41.804	ng	100
32) Benzoic acid	7.939	122	63980	31.234	ng	# 86
33) 4-Chloroaniline	8.222	127	57995	16.210	ng	98
34) Hexachlorobutadiene	8.263	225	92950	40.416	ng	100
35) Caprolactam	8.575	113	34062	38.370	ng	# 81
36) 4-Chloro-3-methylphenol	8.710	107	118981	35.451	ng	99
37) 2-Methylnaphthalene	8.845	142	277571	38.953	ng	99
38) 1-Methylnaphthalene	8.939	142	251711	35.717	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	127426	46.155	ng	99
41) Hexachlorocyclopentadiene	8.992	237	714	Below Cal		94
43) 2,4,6-Trichlorophenol	9.133	196	77518	45.854	ng	96

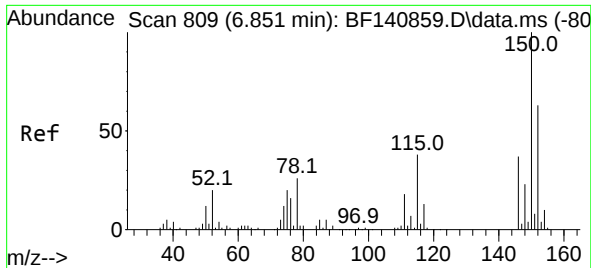
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 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	77243	41.571	ng	96
46) 1,1'-Biphenyl	9.304	154	330768	46.309	ng	99
47) 2-Chloronaphthalene	9.333	162	235087	43.023	ng	99
48) 2-Nitroaniline	9.439	65	71522	43.340	ng	96
49) Acenaphthylene	9.751	152	371164	46.222	ng	100
50) Dimethylphthalate	9.604	163	282341	44.584	ng	100
51) 2,6-Dinitrotoluene	9.680	165	57425	39.666	ng	94
52) Acenaphthene	9.922	154	226164	44.092	ng	100
53) 3-Nitroaniline	9.851	138	44414	30.914	ng #	99
54) 2,4-Dinitrophenol	9.980	184	18892	31.099	ng	92
55) Dibenzofuran	10.092	168	335305	42.186	ng	99
56) 4-Nitrophenol	10.045	139	55745	72.570	ng	91
57) 2,4-Dinitrotoluene	10.092	165	76310	40.062	ng #	98
58) Fluorene	10.439	166	272314	41.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	63984	42.259	ng #	92
60) Diethylphthalate	10.304	149	270027	41.120	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	130925	39.748	ng	97
62) 4-Nitroaniline	10.469	138	48190	32.098	ng	98
63) Azobenzene	10.586	77	257018	41.632	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	17014	17.911	ng #	69
66) n-Nitrosodiphenylamine	10.545	169	235642	45.720	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	76614	40.852	ng	98
68) Hexachlorobenzene	10.992	284	88116	41.441	ng	99
69) Atrazine	11.074	200	77790	54.041	ng	98
70) Pentachlorophenol	11.198	266	67942	87.398	ng	99
71) Phenanthrene	11.404	178	470076	54.530	ng	99
72) Anthracene	11.457	178	412998	48.648	ng	100
73) Carbazole	11.616	167	370306	44.533	ng	99
74) Di-n-butylphthalate	11.927	149	446044	45.706	ng	100
75) Fluoranthene	12.598	202	594749	59.906	ng	99
77) Benzidine	12.721	184	52871	21.092	ng #	91
78) Pyrene	12.827	202	615083	56.317	ng	100
80) Butylbenzylphthalate	13.433	149	198502	49.394	ng	99
81) Benzo(a)anthracene	14.027	228	441510	50.721	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	80550	30.671	ng #	99
83) Chrysene	14.063	228	377556	47.699	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	316173	61.016	ng	99
85) Di-n-octyl phthalate	14.621	149	402099	51.291	ng #	95
87) Indeno(1,2,3-cd)pyrene	17.056	276	310213	49.931	ng	98
88) Benzo(b)fluoranthene	15.104	252	319403	46.218	ng	97
89) Benzo(k)fluoranthene	15.104	252	319403	53.880	ng	97
90) Benzo(a)pyrene	15.474	252	273248	50.495	ng #	98
91) Dibenzo(a,h)anthracene	17.056	278	245120	47.624	ng	99
92) Benzo(g,h,i)perylene	17.515	276	238757	45.578	ng	99

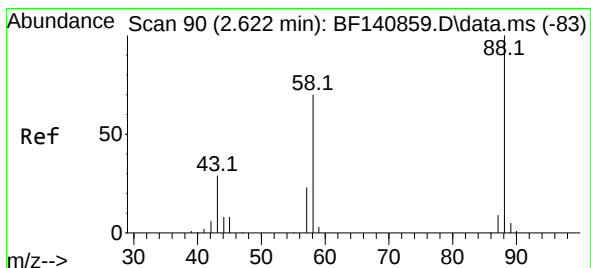
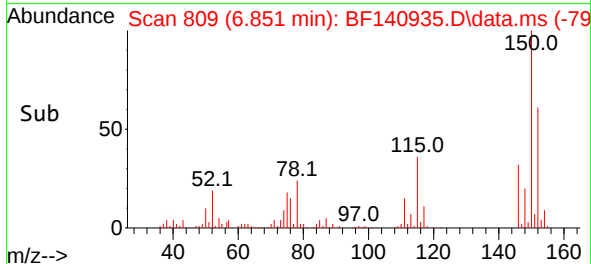
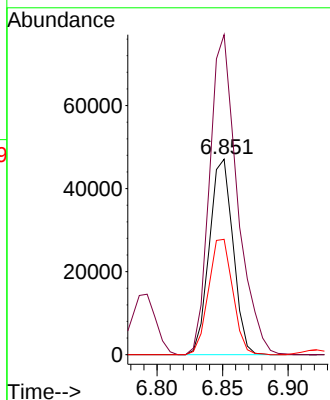
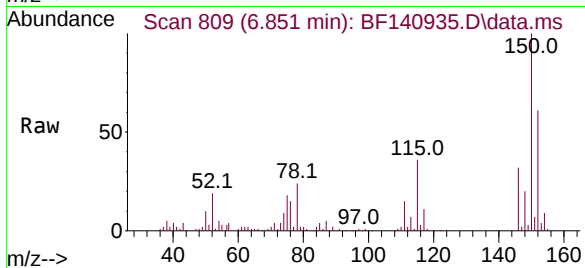
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140935.D
 Acq: 19 Dec 2024 19:08

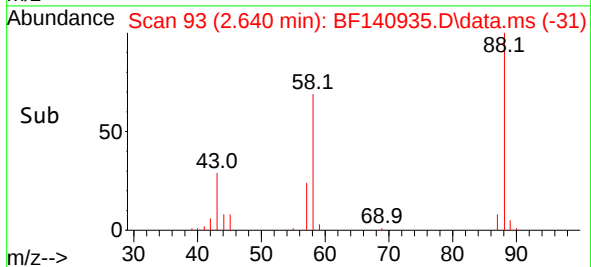
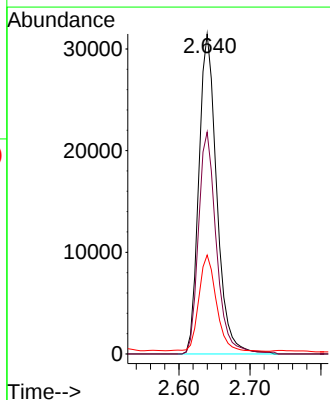
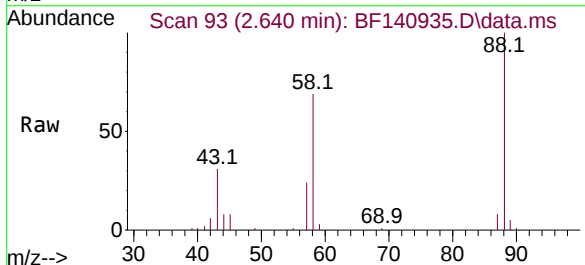
Instrument :
 BNA_F
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 HR-04-121624MS

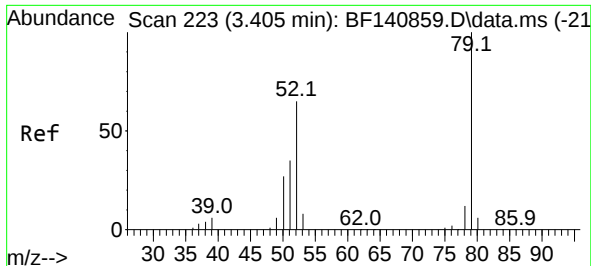
Tgt Ion:152 Resp: 59192
 Ion Ratio Lower Upper
 152 100
 150 163.7 127.9 191.9
 115 59.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 35.733 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.017 min
 Lab File: BF140935.D
 Acq: 19 Dec 2024 19:08

Tgt Ion: 88 Resp: 55343
 Ion Ratio Lower Upper
 88 100
 58 69.4 55.8 83.8
 43 30.3 22.7 34.1

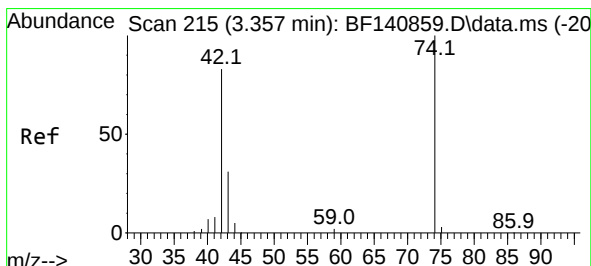
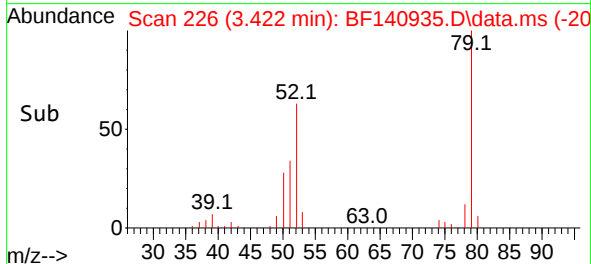
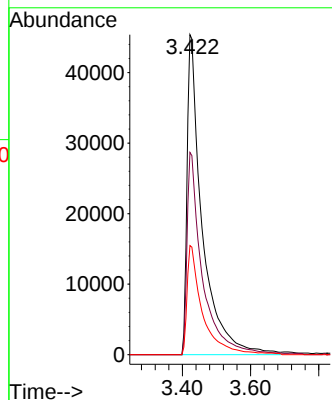
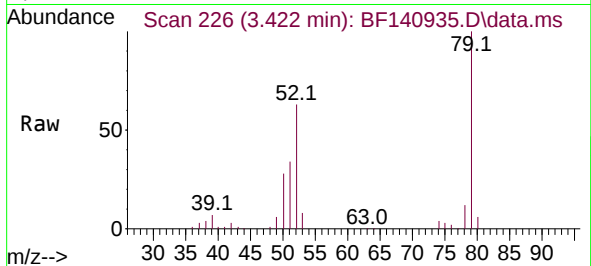




#3
Pyridine
Concen: 38.954 ng
RT: 3.422 min Scan# 217
Delta R.T. 0.017 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

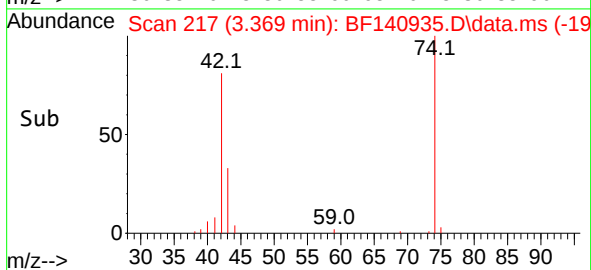
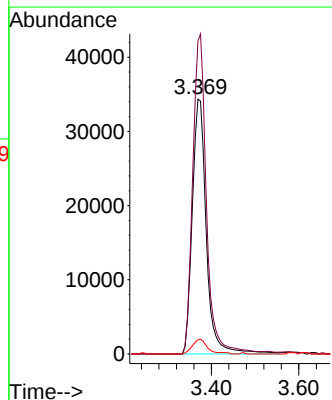
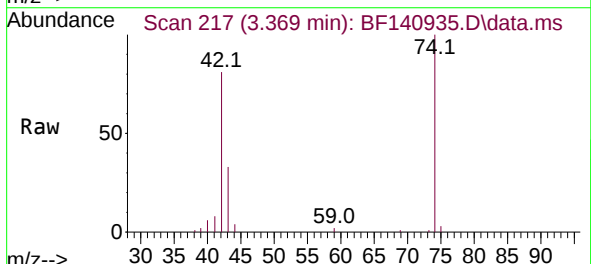
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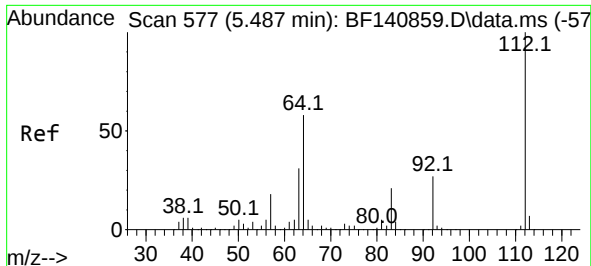
Tgt Ion: 79 Resp: 139719
Ion Ratio Lower Upper
79 100
52 63.2 51.7 77.5
51 34.1 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 42.561 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 42 Resp: 76958
Ion Ratio Lower Upper
42 100
74 122.8 96.9 145.3
44 5.5 4.4 6.6

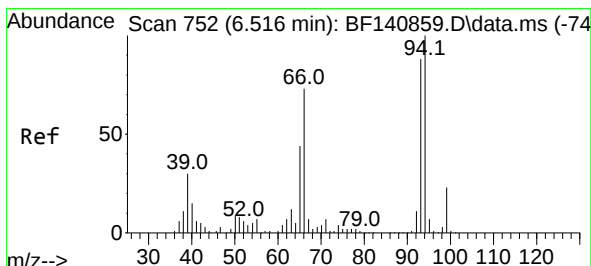
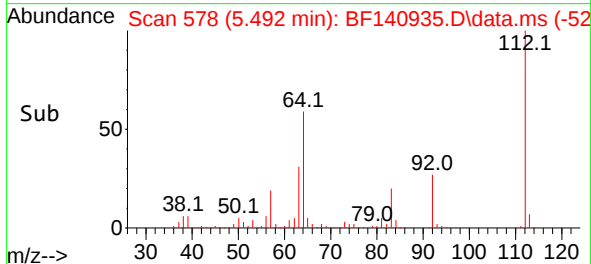
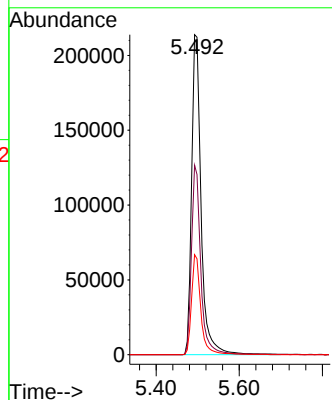
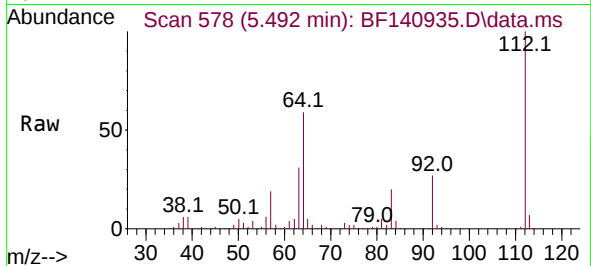




#5
2-Fluorophenol
Concen: 94.369 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

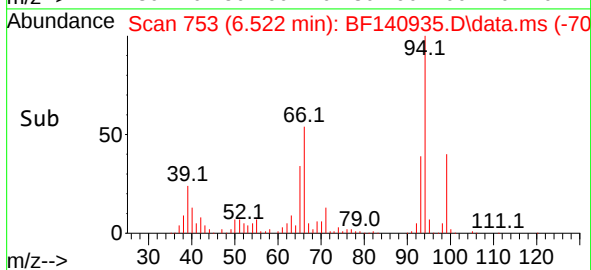
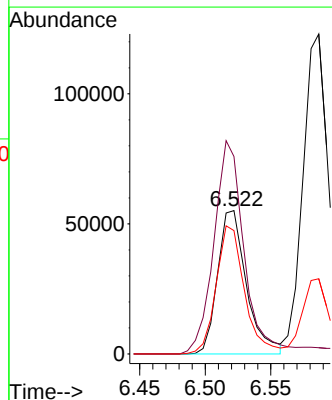
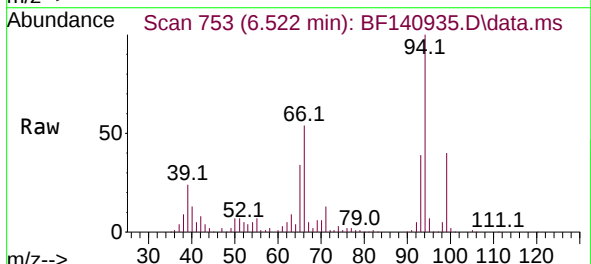
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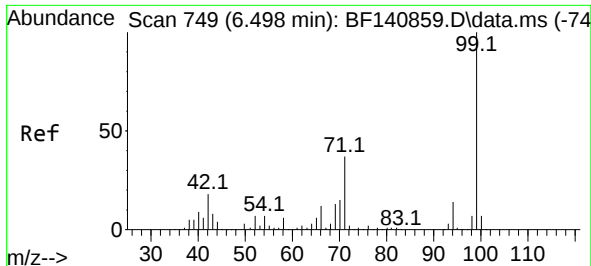
Tgt Ion:112 Resp: 339323
Ion Ratio Lower Upper
112 100
64 59.2 46.1 69.1
63 31.2 24.9 37.3



#6
Aniline
Concen: 20.731 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 93 Resp: 84418
Ion Ratio Lower Upper
93 100
66 137.6 67.0 100.4#
65 86.0 40.4 60.6#

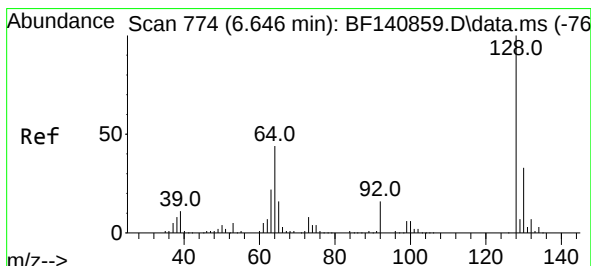
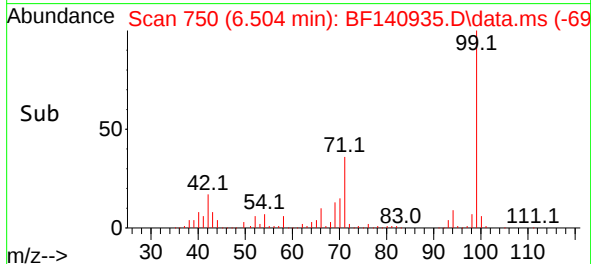
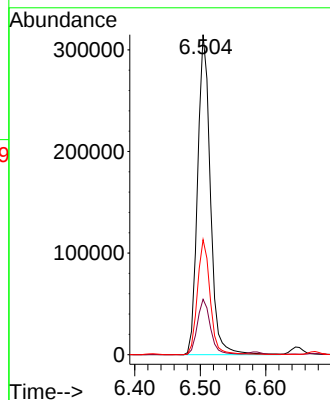
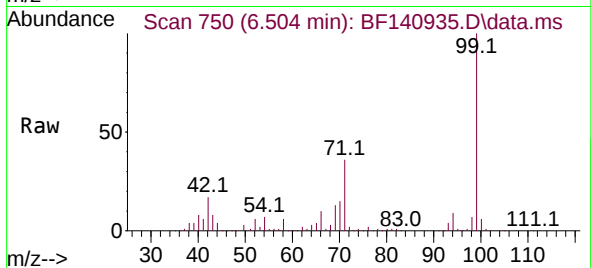




#7
Phenol-d6
Concen: 89.693 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

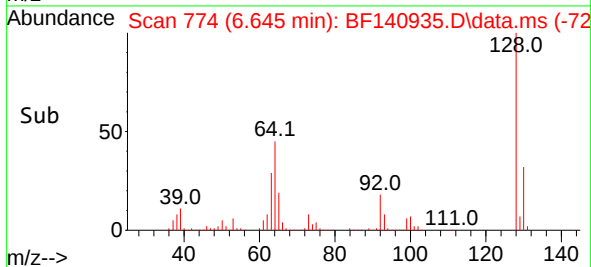
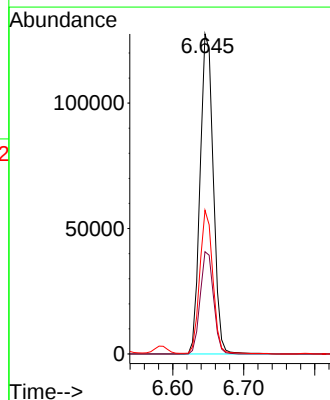
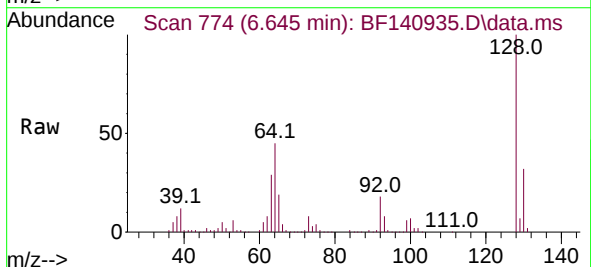
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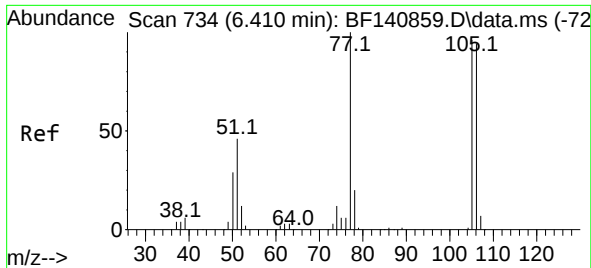
Tgt Ion: 99 Resp: 427168
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.9 29.9 44.9



#8
2-Chlorophenol
Concen: 42.286 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:128 Resp: 165810
Ion Ratio Lower Upper
128 100
130 32.0 12.9 52.9
64 44.9 24.3 64.3





#9

Benzaldehyde

Concen: 13.125 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

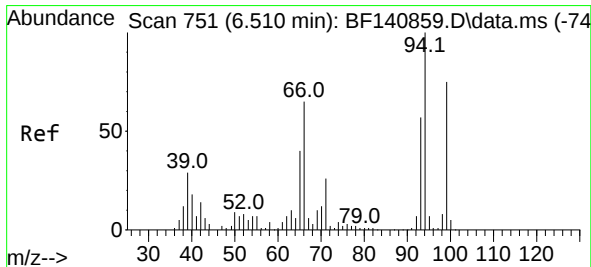
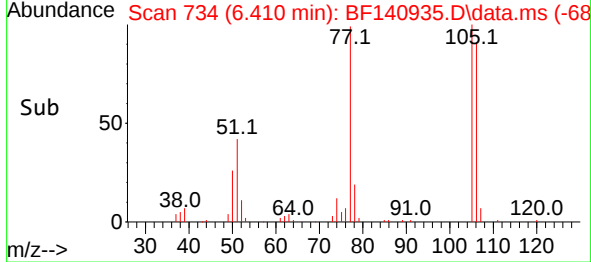
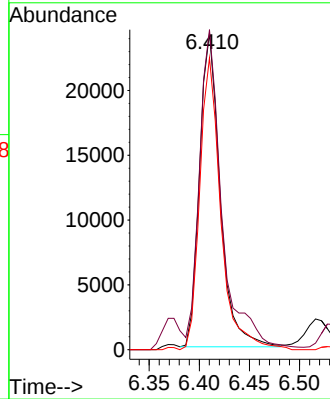
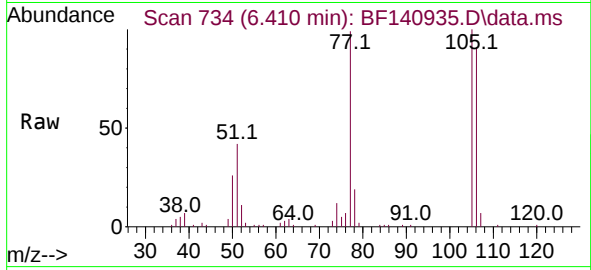
Tgt Ion: 77 Resp: 34635

Ion Ratio Lower Upper

77 100

105 101.1 75.8 115.8

106 92.2 74.1 114.1



#10

Phenol

Concen: 41.523 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

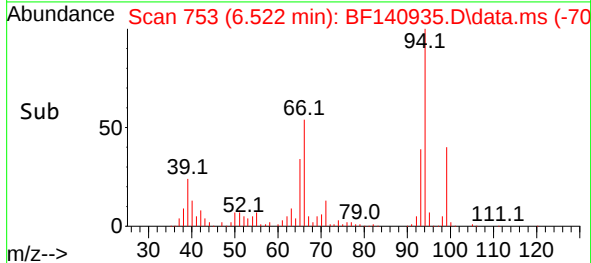
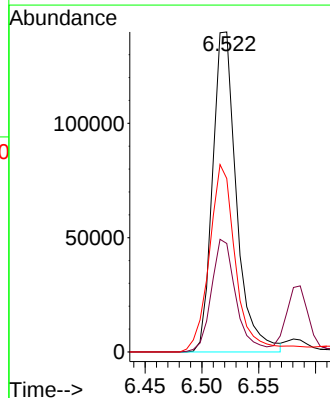
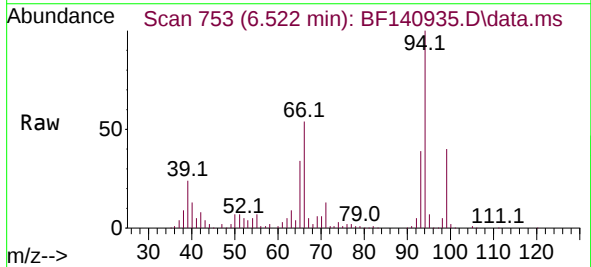
Tgt Ion: 94 Resp: 204961

Ion Ratio Lower Upper

94 100

65 33.9 19.9 59.9

66 54.2 45.6 85.6



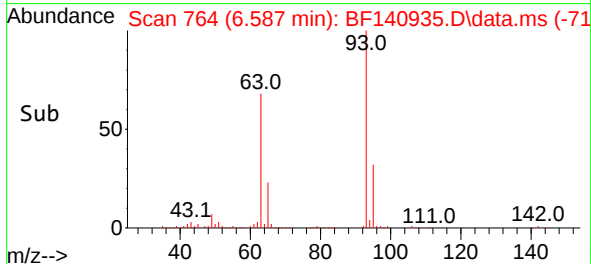
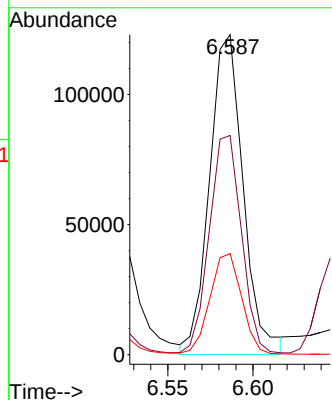
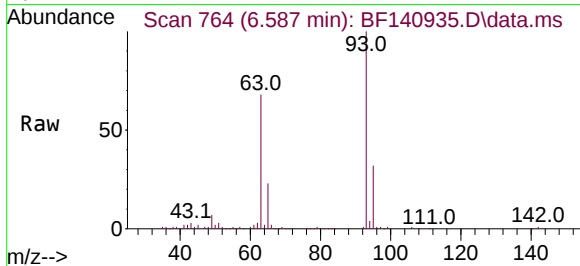


#11
bis(2-Chloroethyl)ether
Concen: 45.923 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

Tgt Ion: 93 Resp: 169049

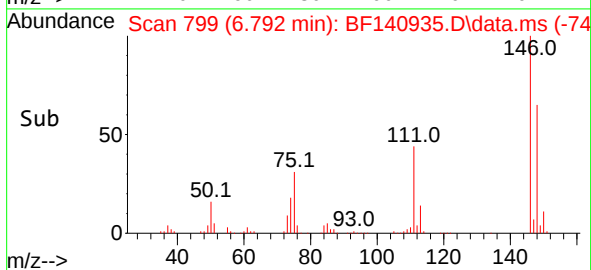
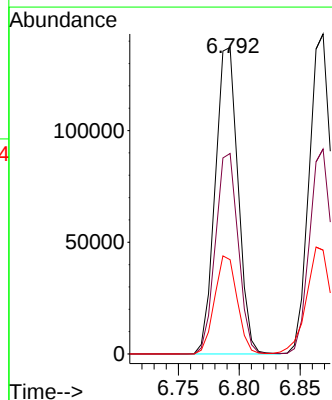
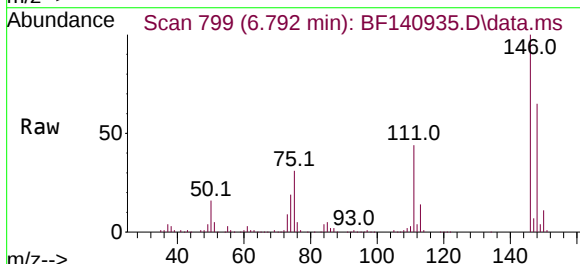
Ion	Ratio	Lower	Upper
93	100		
63	68.5	51.0	91.0
95	31.6	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 40.030 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 146 Resp: 178857

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
75	30.7	28.1	42.1

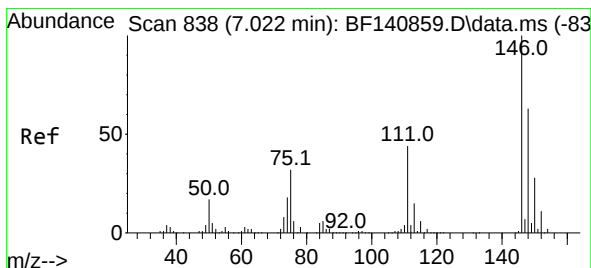
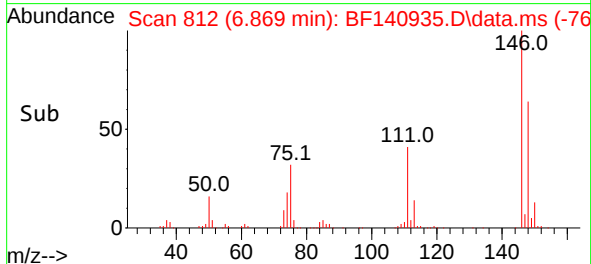
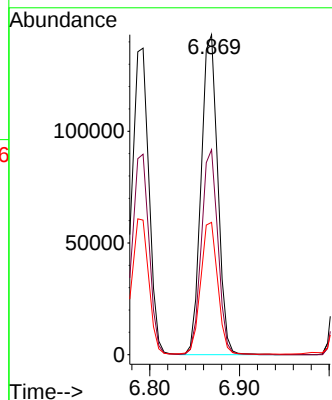
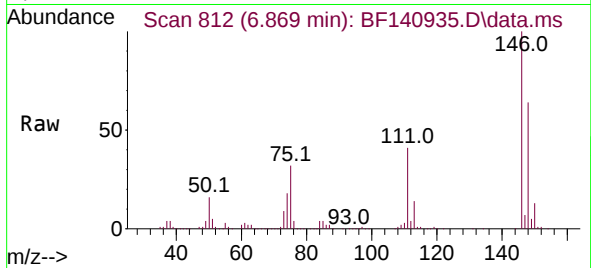




#13
1,4-Dichlorobenzene
Concen: 40.657 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

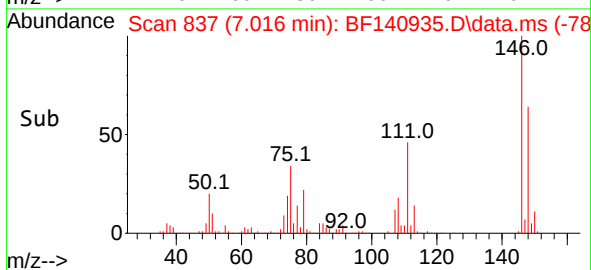
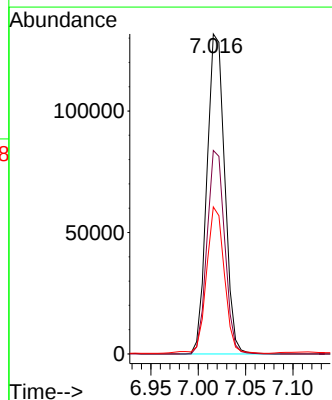
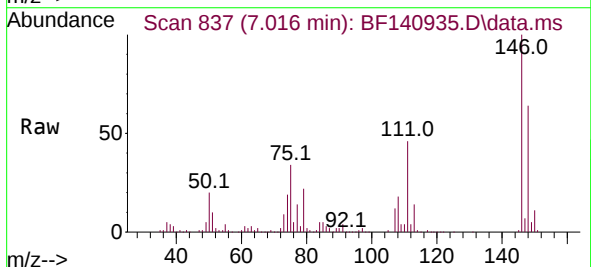
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

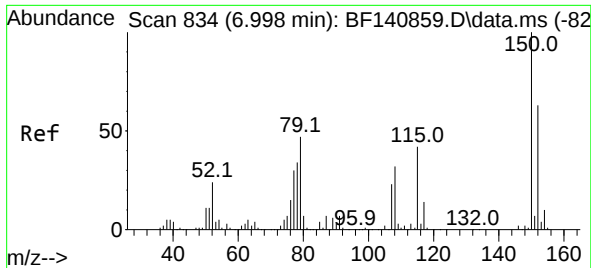
Tgt Ion:146 Resp: 184393
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 41.3 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 40.201 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:146 Resp: 172025
Ion Ratio Lower Upper
146 100
148 63.6 50.0 75.0
111 45.9 35.6 53.4

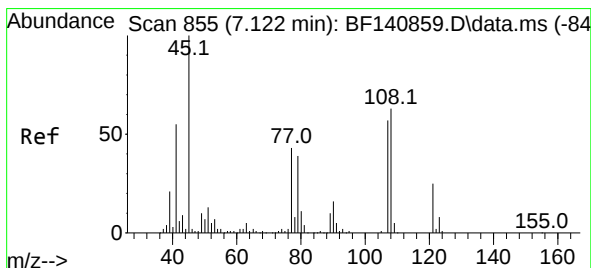
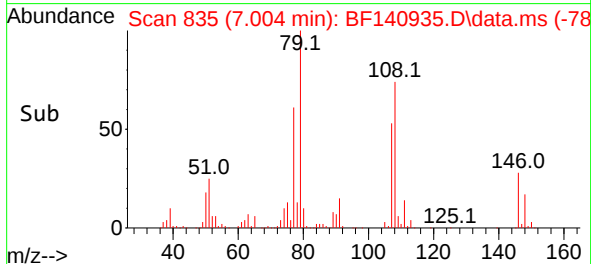
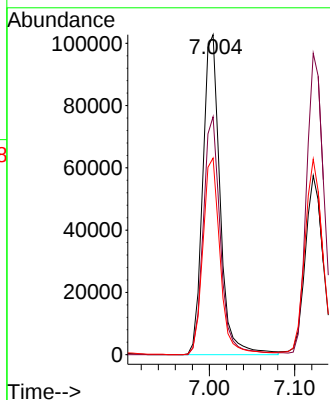
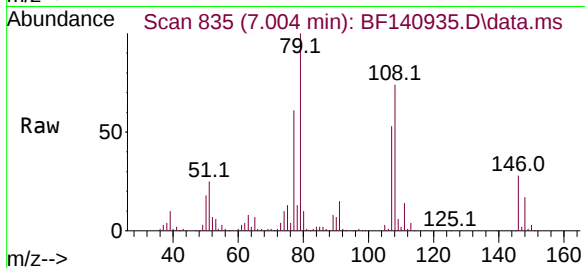




#15
Benzyl Alcohol
Concen: 42.571 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

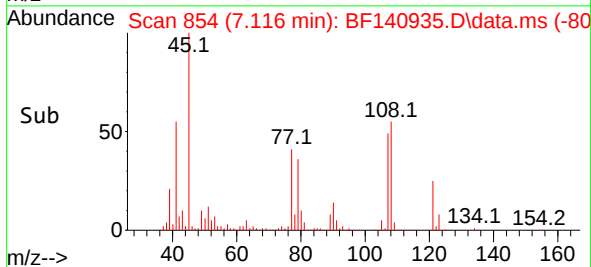
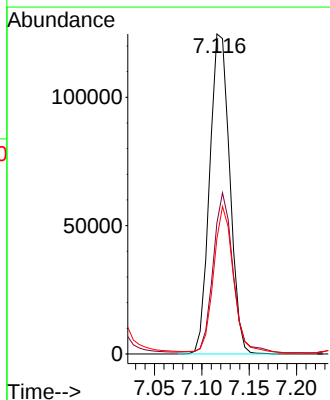
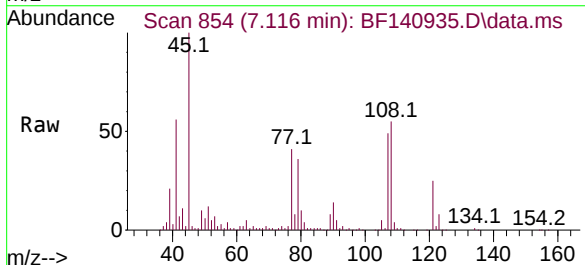
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

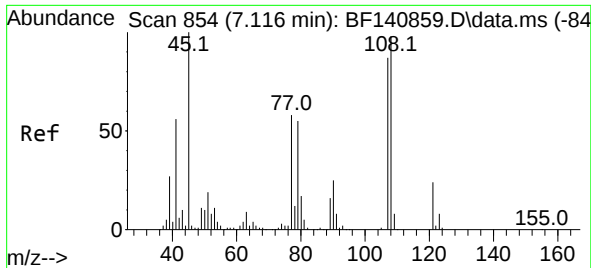
Tgt Ion: 79 Resp: 144965
Ion Ratio Lower Upper
79 100
108 74.4 55.1 82.7
77 61.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.400 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 45 Resp: 183866
Ion Ratio Lower Upper
45 100
77 41.0 23.3 63.3
79 36.1 20.0 60.0

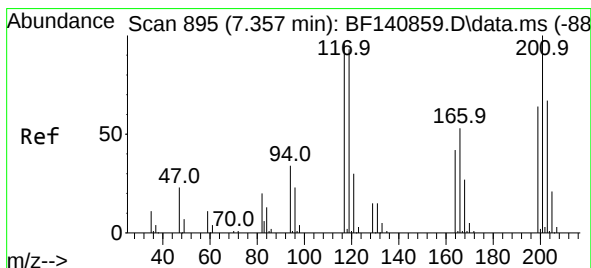
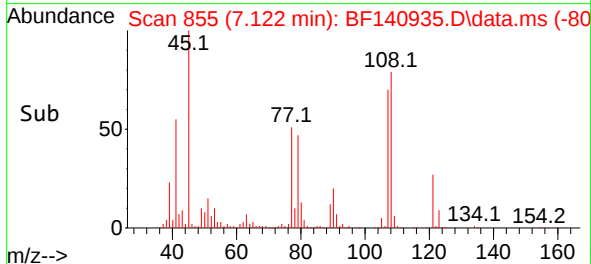
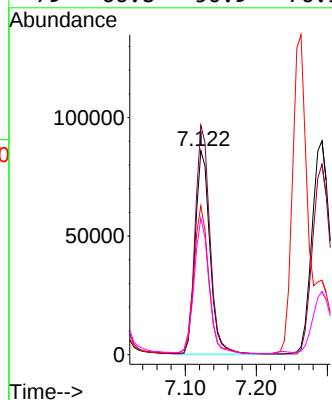
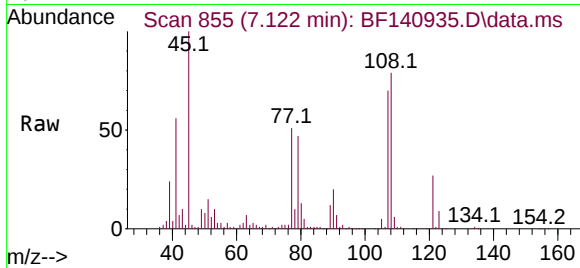




#17
2-Methylphenol
Concen: 39.694 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

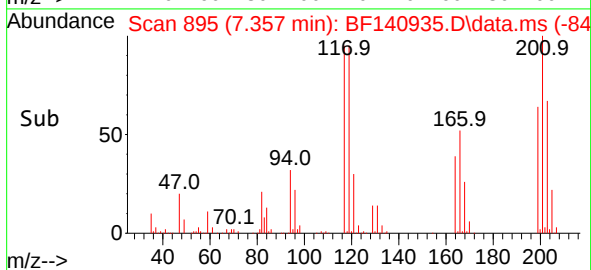
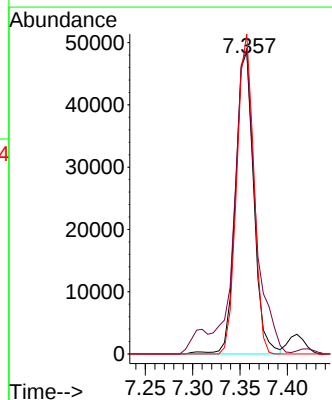
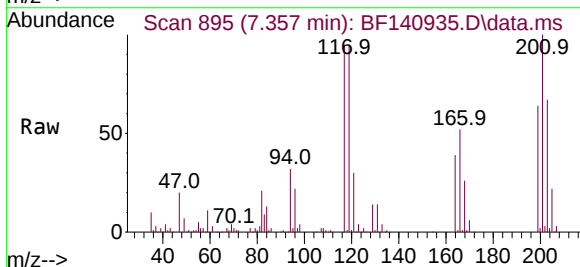
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

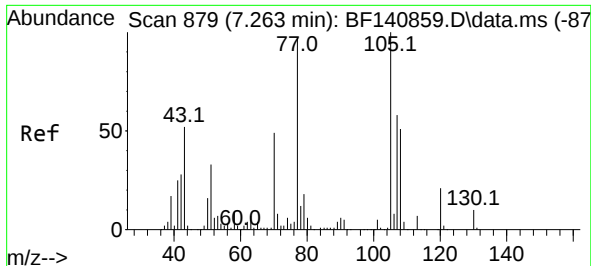
Tgt Ion:	107	Resp:	124264
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.4
77	72.9	53.8	80.6
79	66.8	50.9	76.3



#18
Hexachloroethane
Concen: 38.479 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:	117	Resp:	64969
Ion	Ratio	Lower	Upper
117	100		
119	100.9	77.4	116.0
201	105.8	83.4	125.0

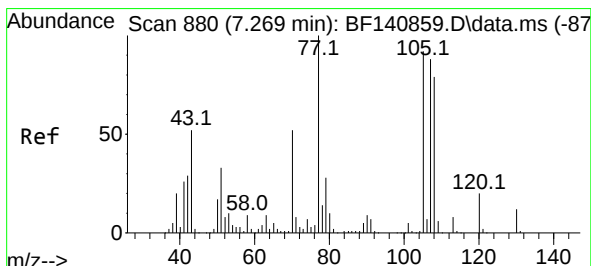
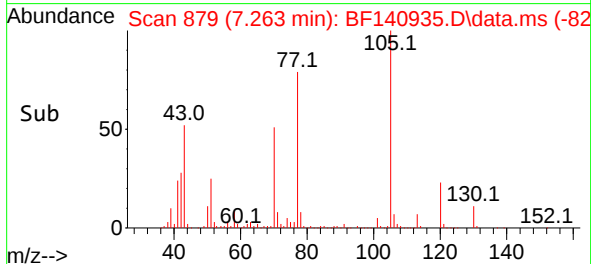
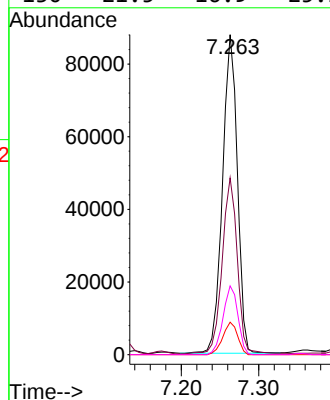
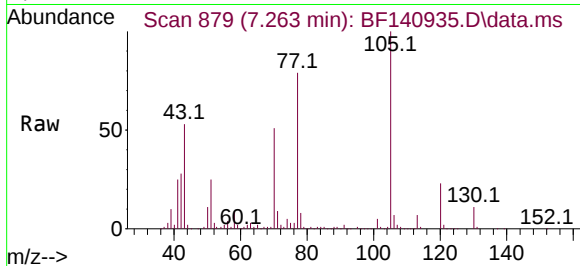




#19
n-Nitroso-di-n-propylamine
Concen: 40.939 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

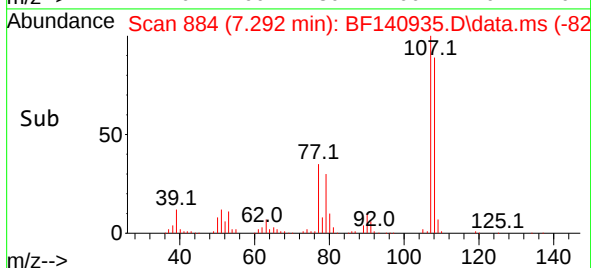
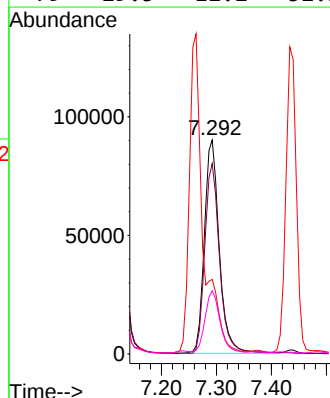
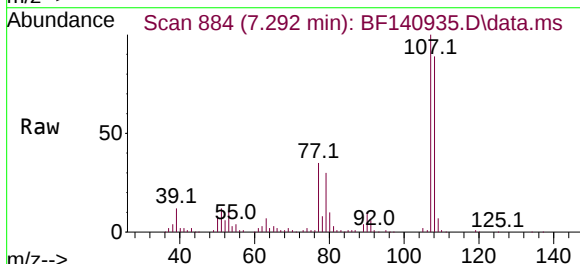
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

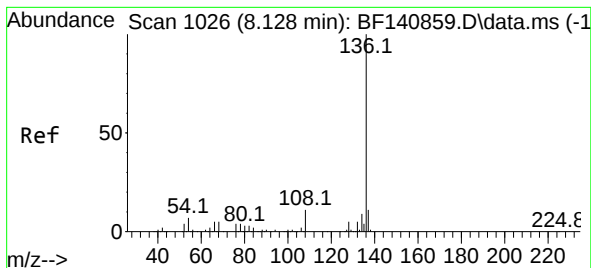
Tgt Ion: 70 Resp: 116954
Ion Ratio Lower Upper
70 100
42 55.2 45.3 67.9
101 10.1 8.0 12.0
130 21.5 16.9 25.3



#20
3+4-Methylphenols
Concen: 40.714 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.023 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:107 Resp: 169011
Ion Ratio Lower Upper
107 100
108 89.0 70.1 110.1
77 34.9 94.4 134.4#
79 29.5 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

Tgt Ion:136 Resp: 196105

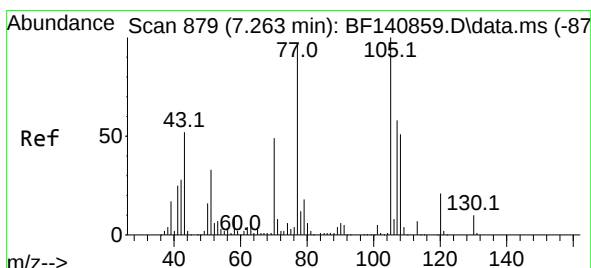
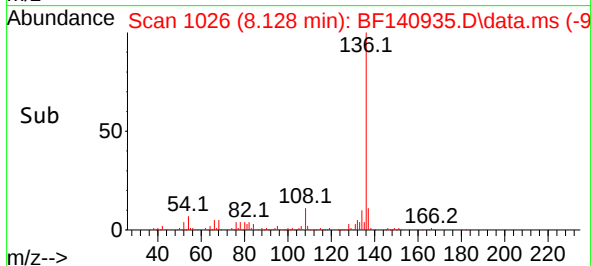
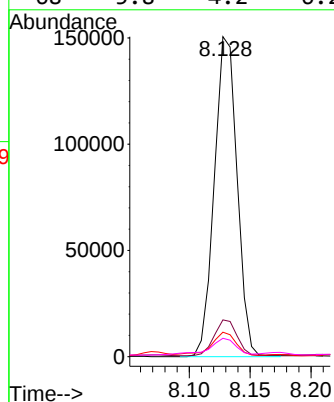
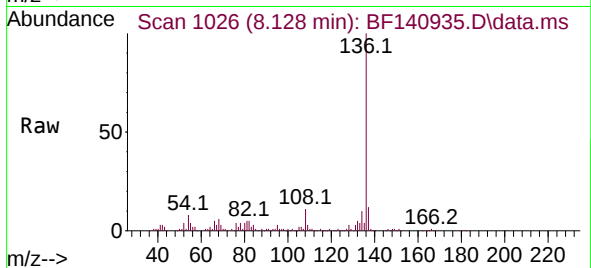
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.6 5.6 8.4

68 5.8 4.2 6.2



#22

Acetophenone

Concen: 47.568 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Tgt Ion:105 Resp: 233352

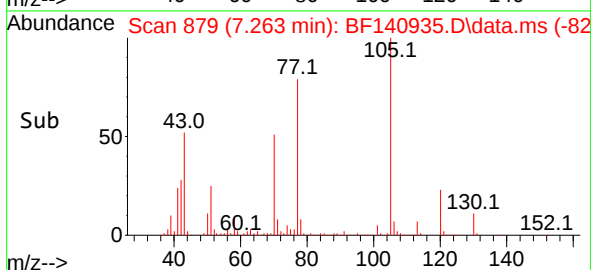
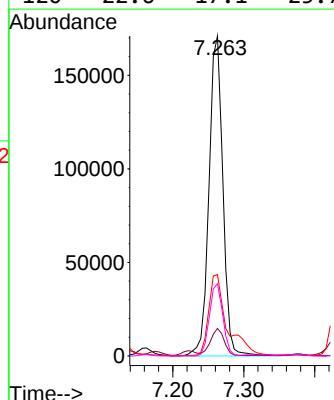
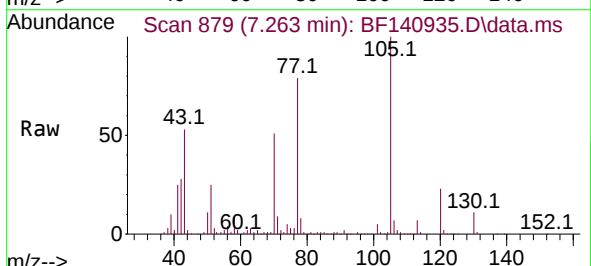
Ion Ratio Lower Upper

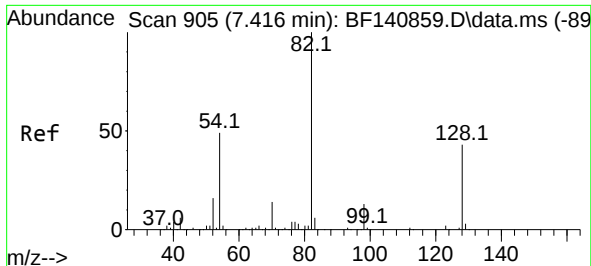
105 100

71 8.6 6.2 9.4

51 25.5 26.3 39.5#

120 22.6 17.1 25.7

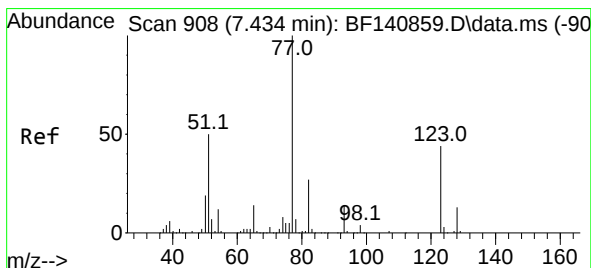
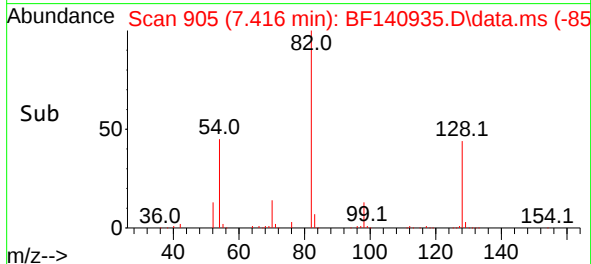
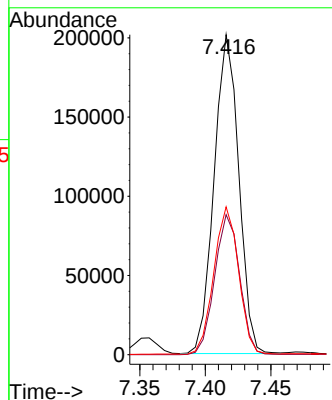
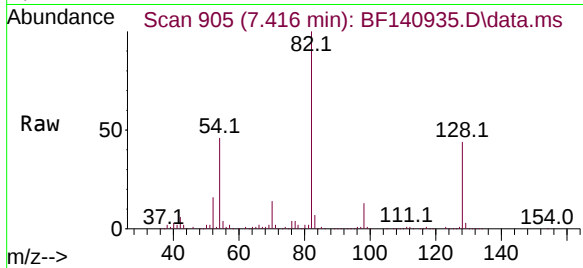




#23
Nitrobenzene-d5
Concen: 67.085 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

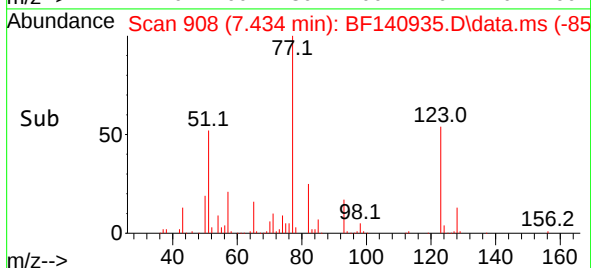
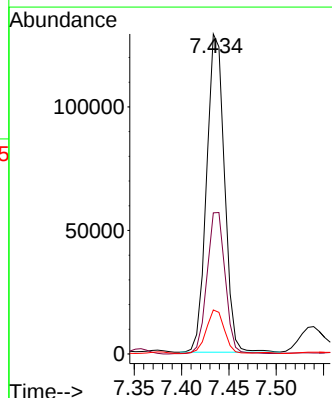
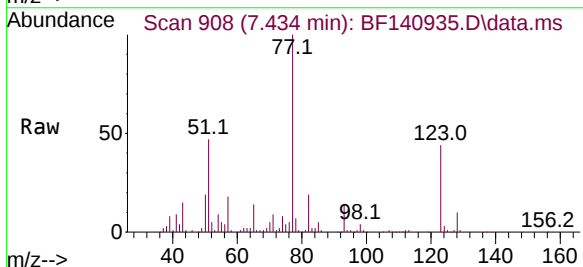
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

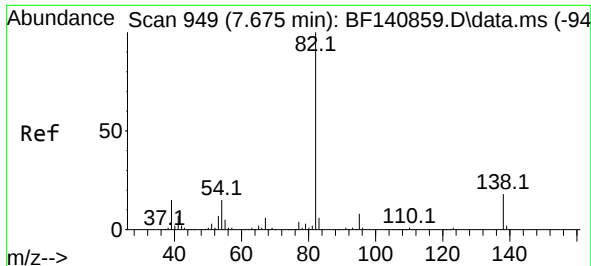
Tgt Ion: 82 Resp: 262949
Ion Ratio Lower Upper
82 100
128 43.8 34.4 51.6
54 46.2 38.8 58.2



#24
Nitrobenzene
Concen: 42.176 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 77 Resp: 169362
Ion Ratio Lower Upper
77 100
123 44.1 35.0 52.4
65 13.8 11.4 17.0

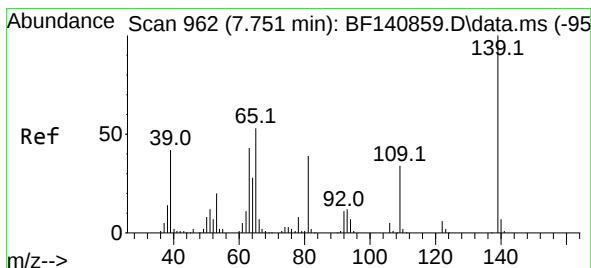
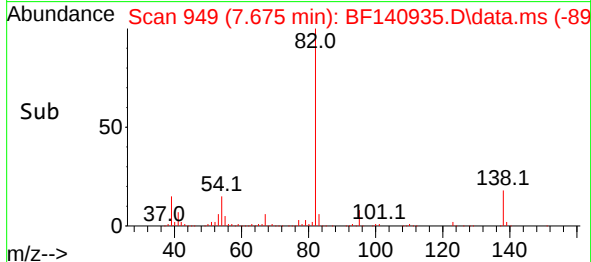
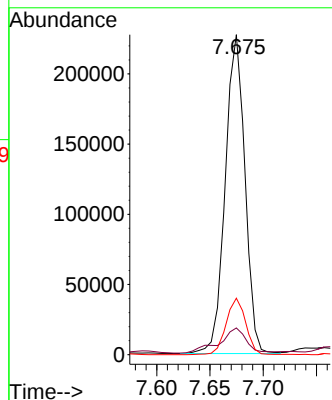
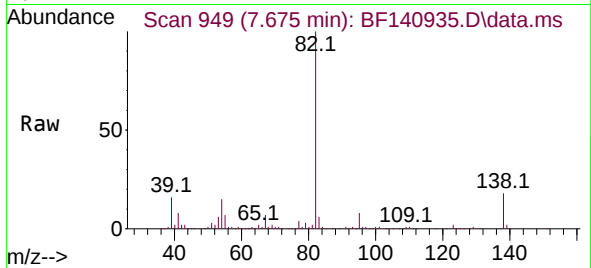




#25
Isophorone
Concen: 44.470 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

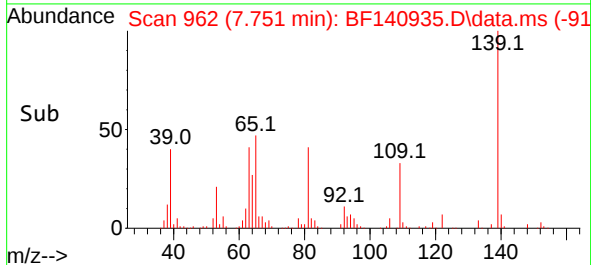
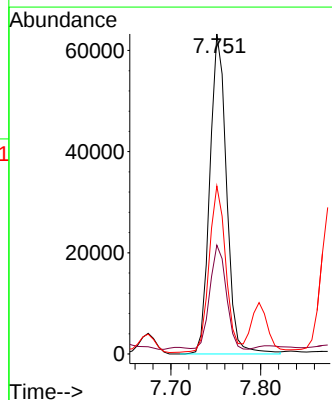
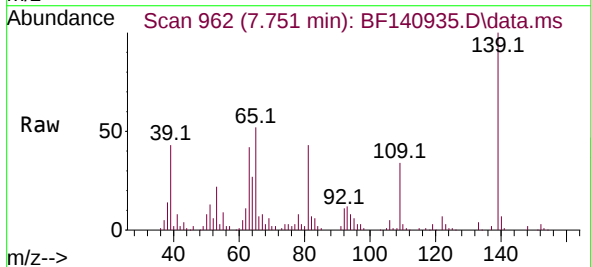
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

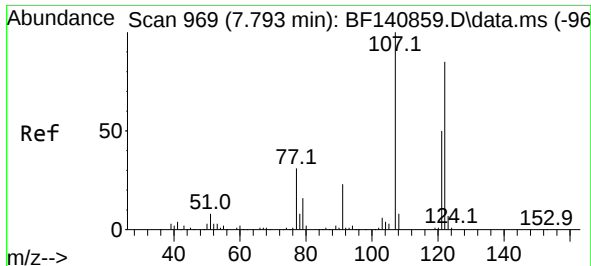
Tgt Ion: 82 Resp: 292061
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 17.7 14.1 21.1



#26
2-Nitrophenol
Concen: 44.400 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 139 Resp: 82115
Ion Ratio Lower Upper
139 100
109 34.0 26.9 40.3
65 52.5 42.6 64.0

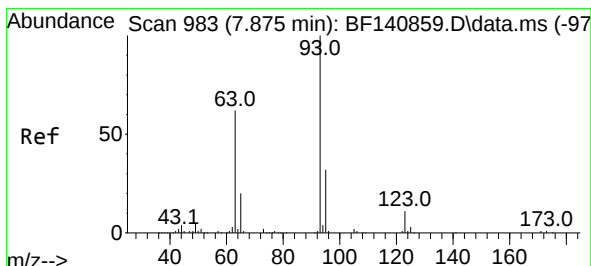
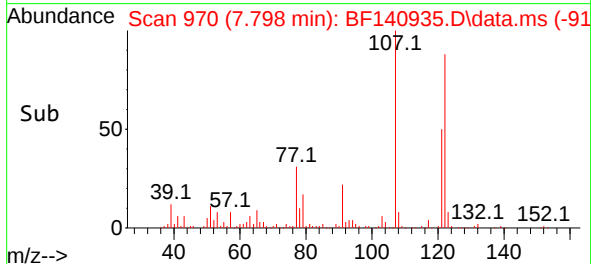
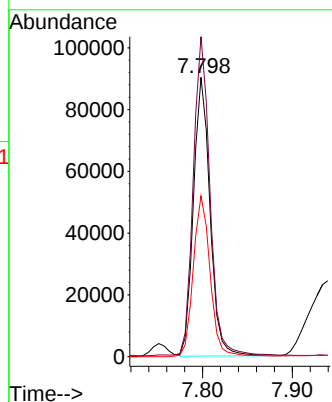
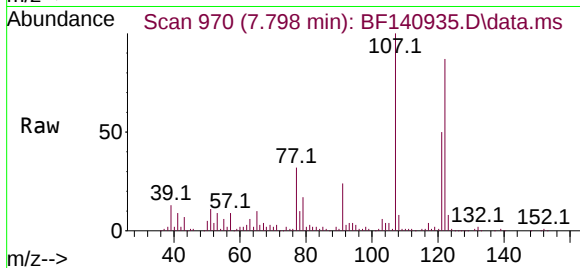




#27
2,4-Dimethylphenol
Concen: 53.608 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

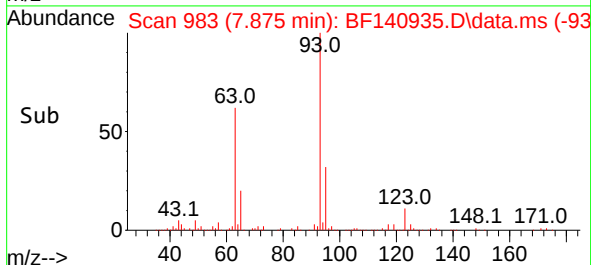
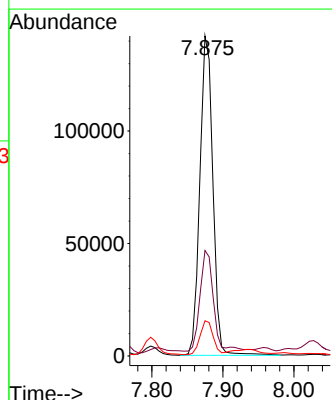
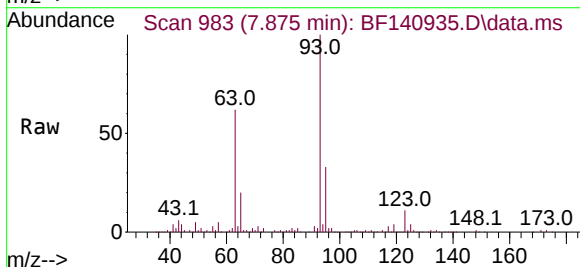
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

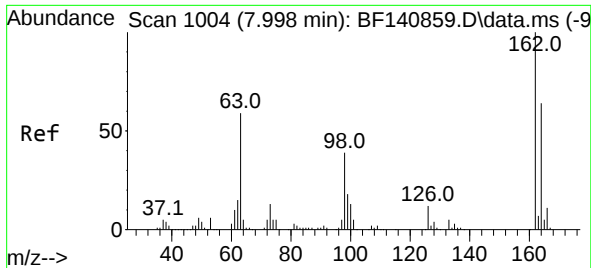
Tgt Ion:122 Resp: 115786
Ion Ratio Lower Upper
122 100
107 114.6 92.6 139.0
121 57.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.209 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 93 Resp: 181344
Ion Ratio Lower Upper
93 100
95 32.9 25.3 37.9
123 11.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 42.158 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.023 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

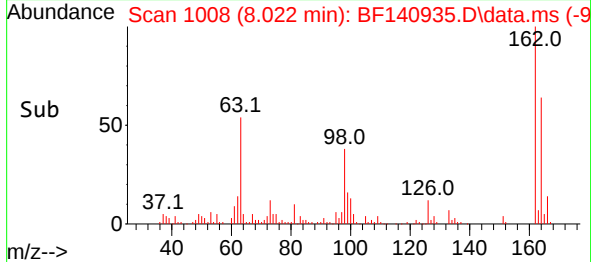
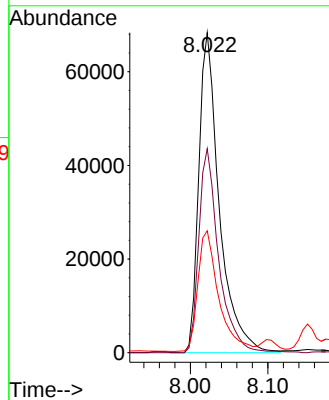
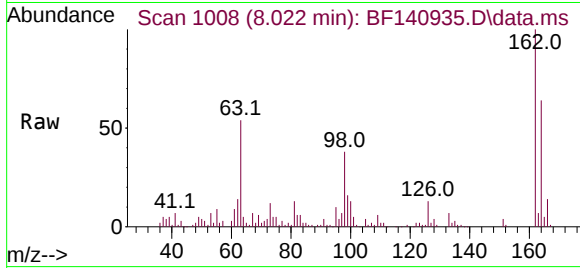
Tgt Ion:162 Resp: 125712

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 38.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 40.151 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

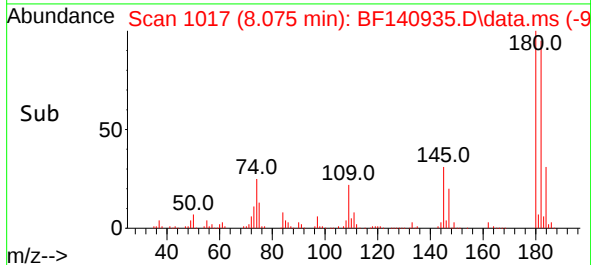
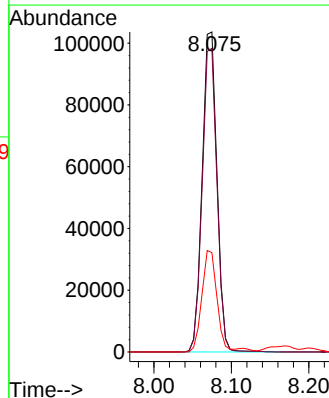
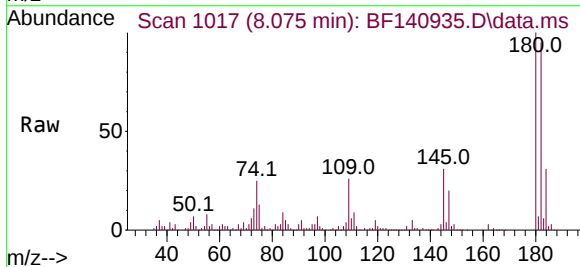
Tgt Ion:180 Resp: 137247

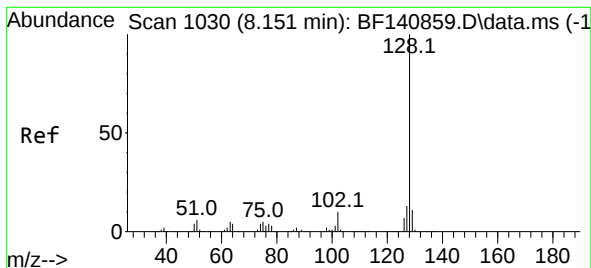
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.6

145 31.1 25.2 37.8





#31

Naphthalene

Concen: 41.804 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

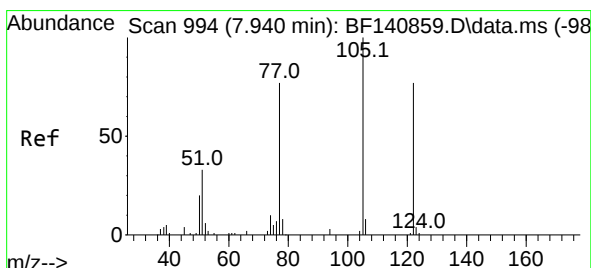
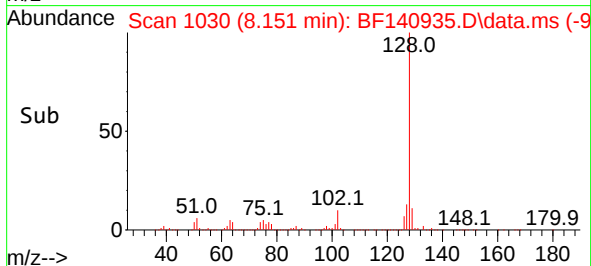
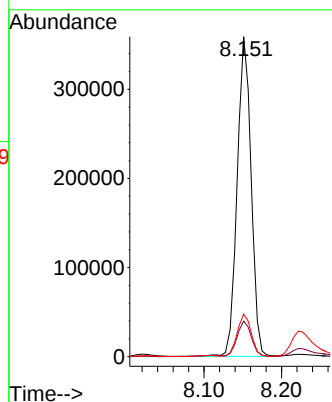
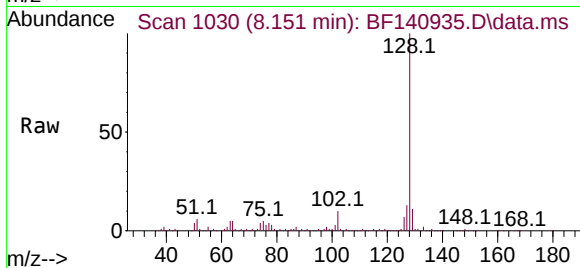
Tgt Ion:128 Resp: 450323

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 31.234 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.001 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

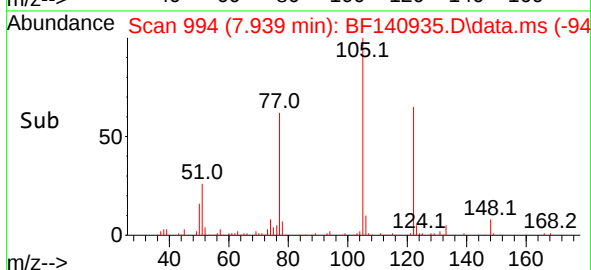
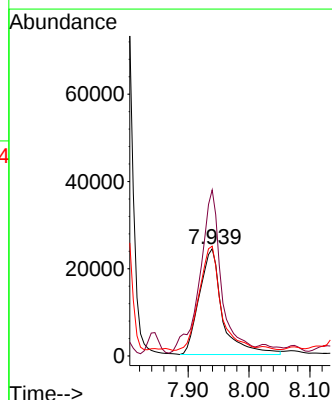
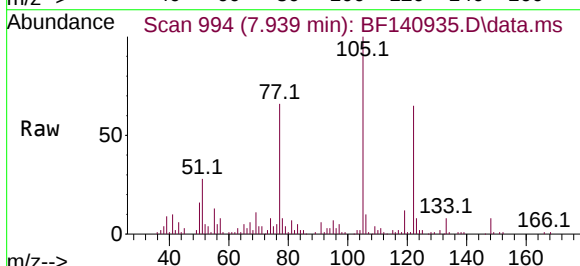
Tgt Ion:122 Resp: 63980

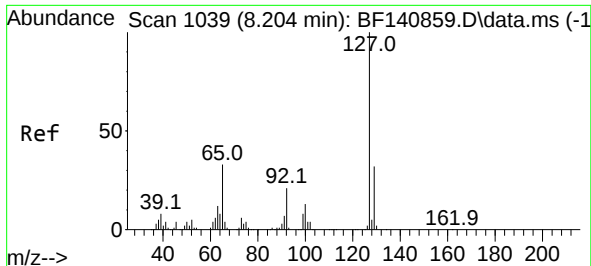
Ion Ratio Lower Upper

122 100

105 154.8 108.3 148.3#

77 102.3 78.8 118.8

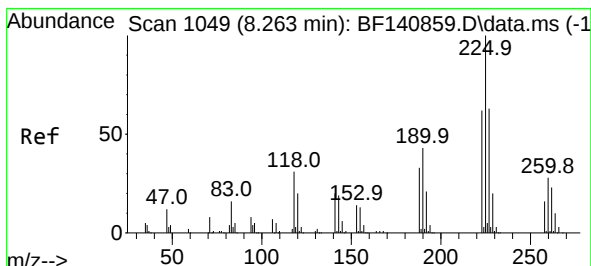
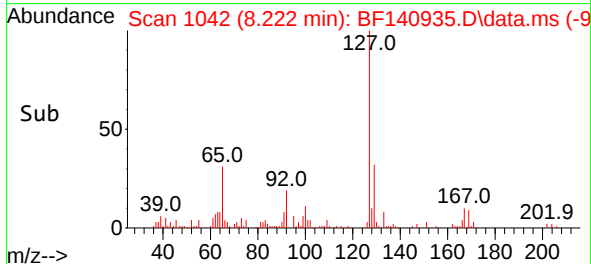
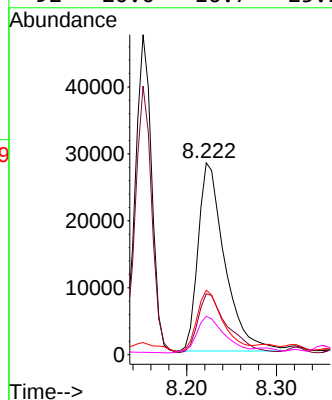
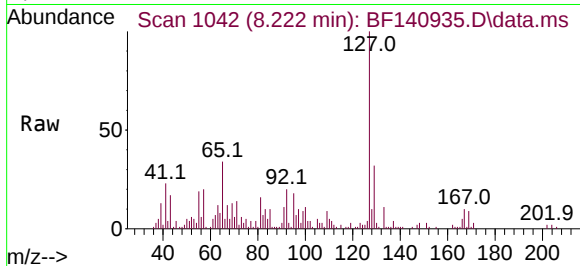




#33
4-Chloroaniline
Concen: 16.210 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.017 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

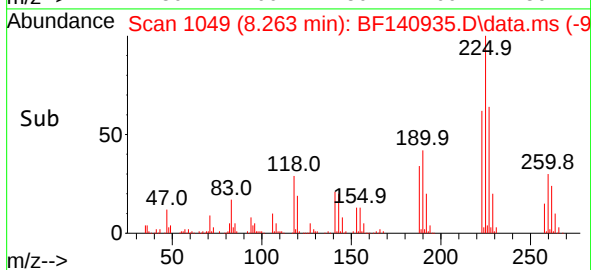
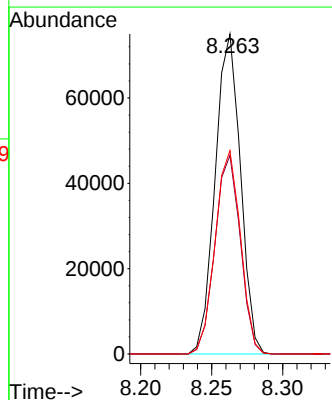
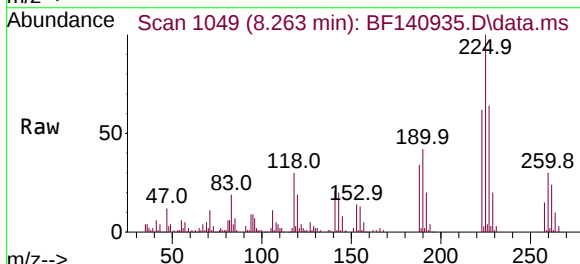
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

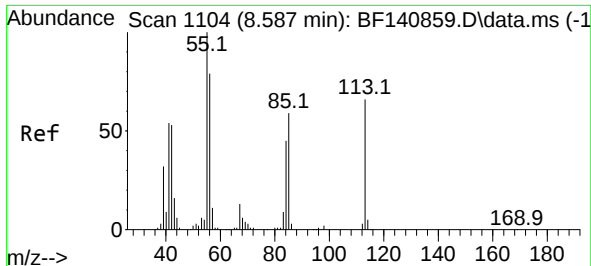
Tgt Ion:	127	Resp:	57995
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.0	39.0
65	33.6	26.0	39.0
92	20.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 40.416 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:	225	Resp:	92950
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.6	74.4
227	63.5	50.7	76.1

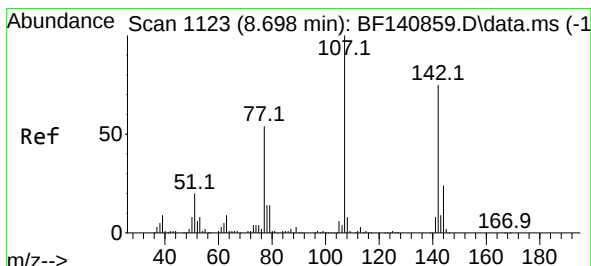
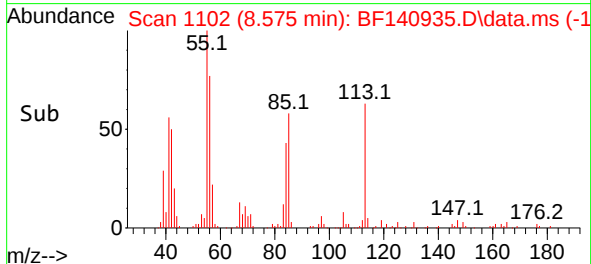
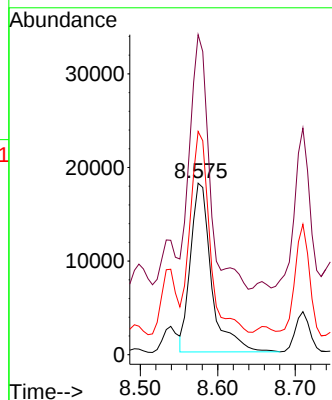
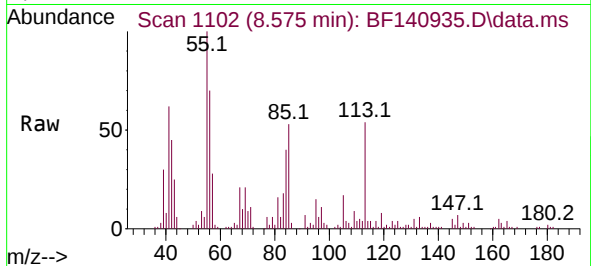




#35
Caprolactam
Concen: 38.370 ng
RT: 8.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

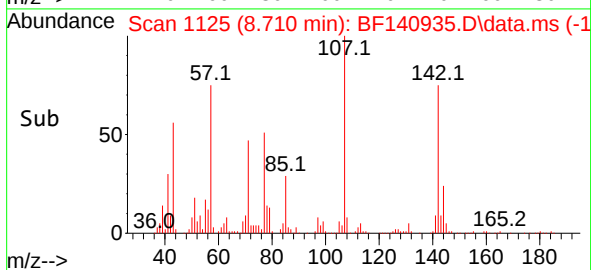
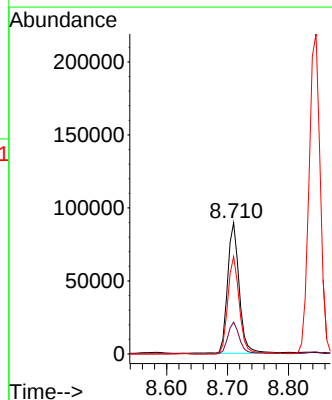
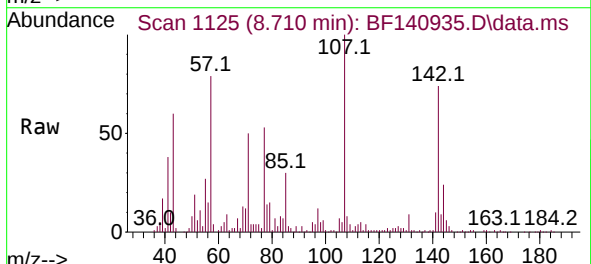
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

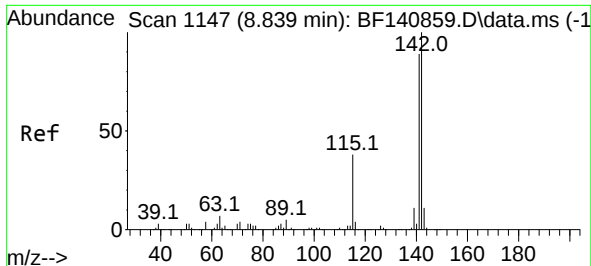
Tgt Ion:113 Resp: 34062
Ion Ratio Lower Upper
113 100
55 186.6 132.3 172.3#
56 130.2 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 35.451 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:107 Resp: 118981
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.2
142 74.2 60.3 90.5





#37

2-Methylnaphthalene

Concen: 38.953 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

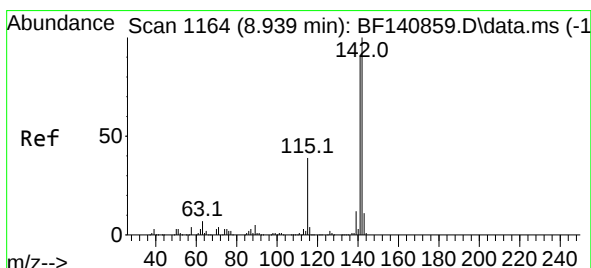
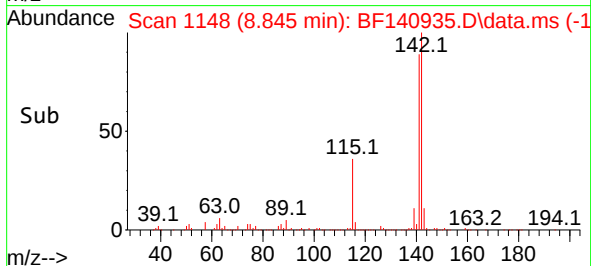
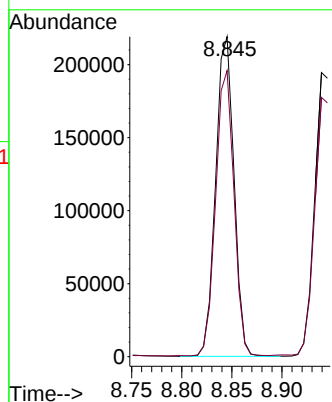
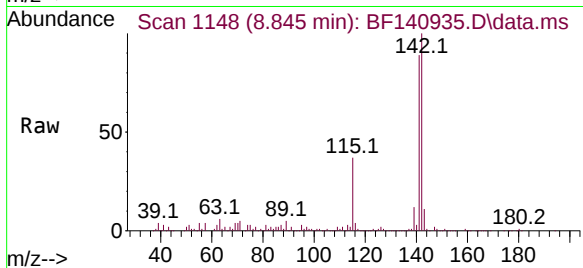
HR-04-121624MS

Tgt Ion:142 Resp: 277571

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 35.717 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140935.D

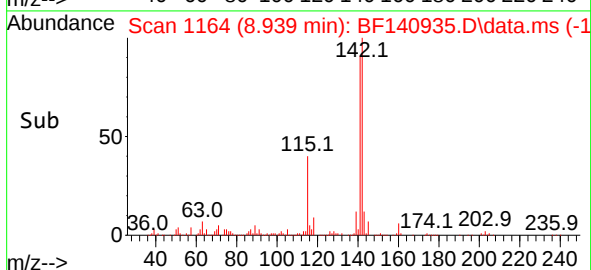
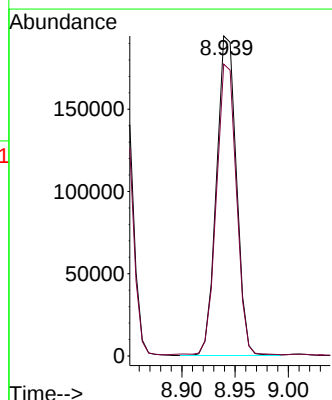
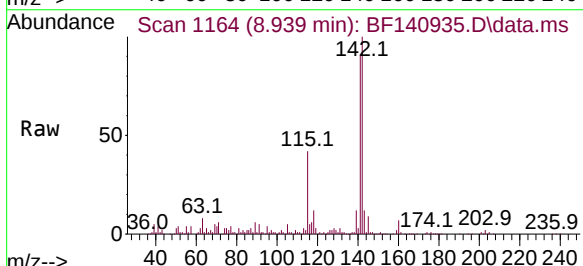
Acq: 19 Dec 2024 19:08

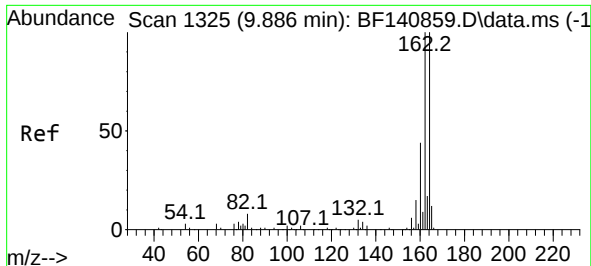
Tgt Ion:142 Resp: 251711

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

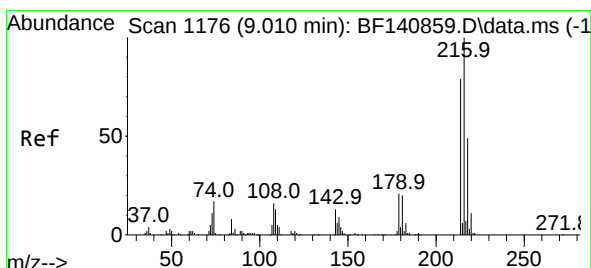
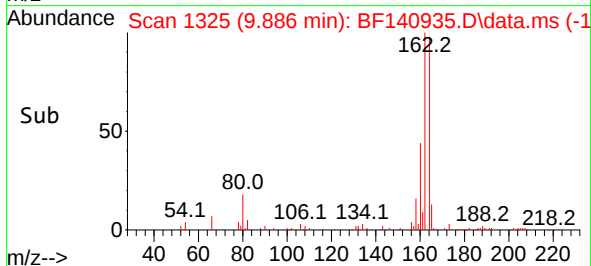
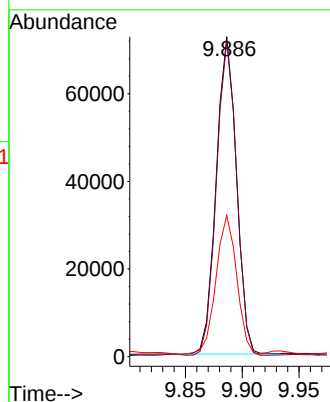
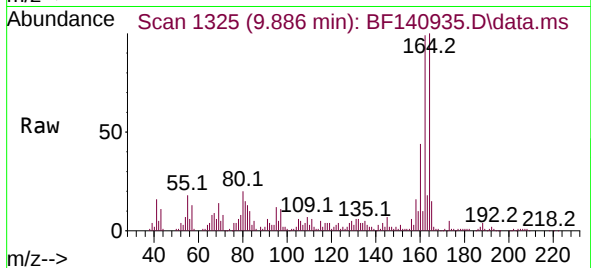
Tgt Ion:164 Resp: 89823

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 44.2 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.155 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Tgt Ion:216 Resp: 127426

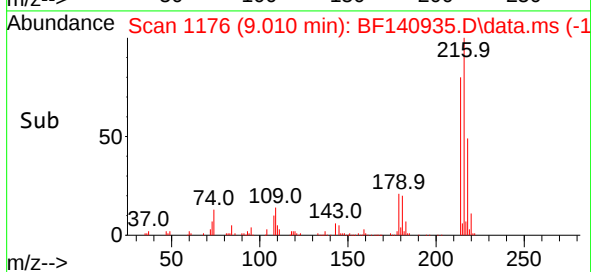
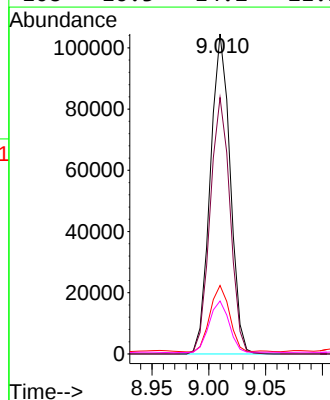
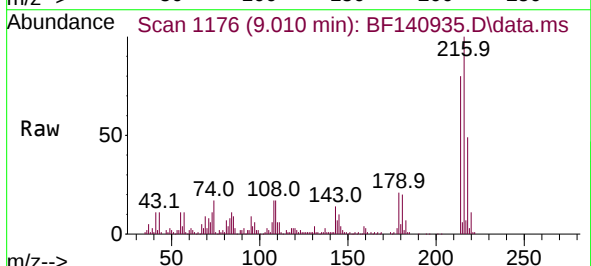
Ion Ratio Lower Upper

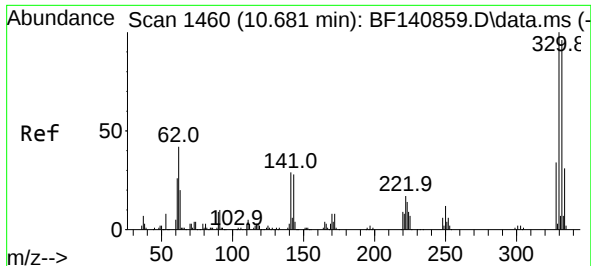
216 100

214 80.1 63.6 95.4

179 20.5 17.0 25.4

108 16.3 14.2 21.2





#42

2,4,6-Tribromophenol

Concen: 91.930 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140935.D

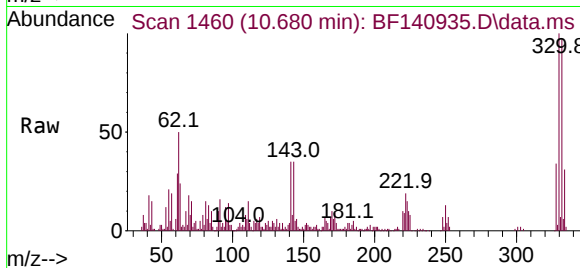
Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS



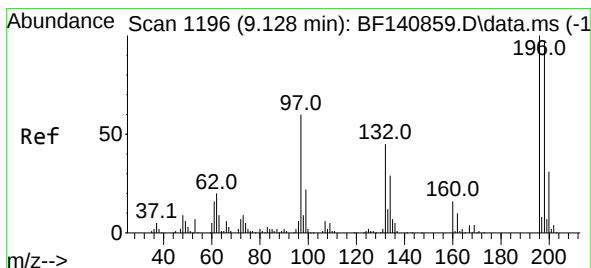
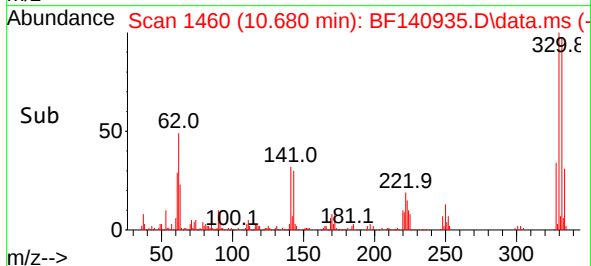
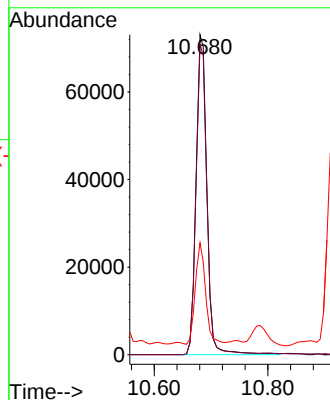
Tgt Ion:330 Resp: 97662

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 30.0 24.9 37.3



#43

2,4,6-Trichlorophenol

Concen: 45.854 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

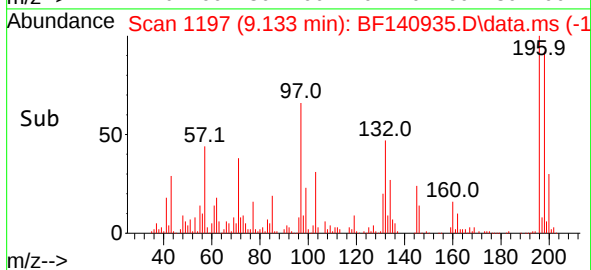
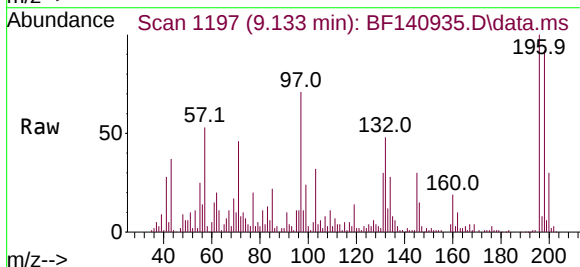
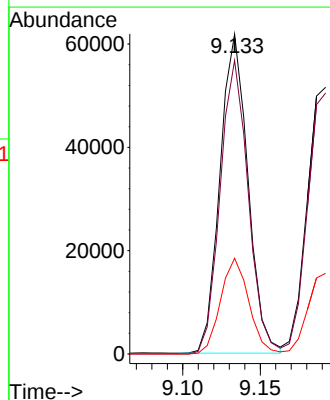
Tgt Ion:196 Resp: 77518

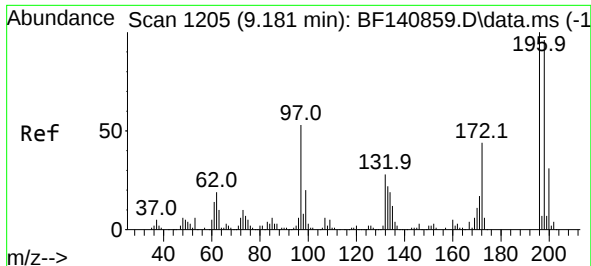
Ion Ratio Lower Upper

196 100

198 91.8 77.4 116.0

200 29.9 24.5 36.7

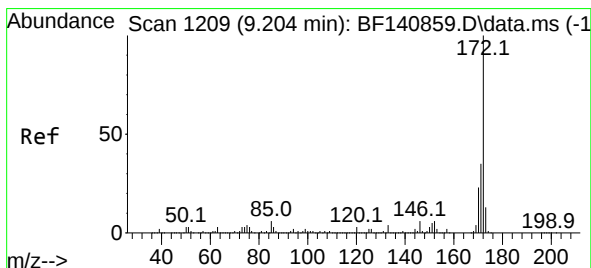
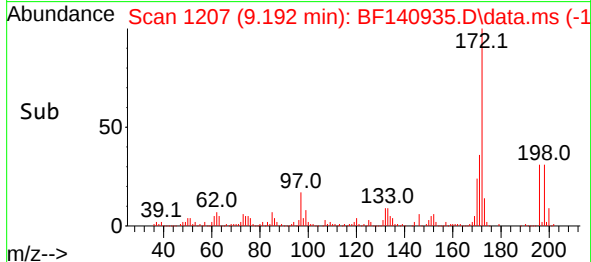
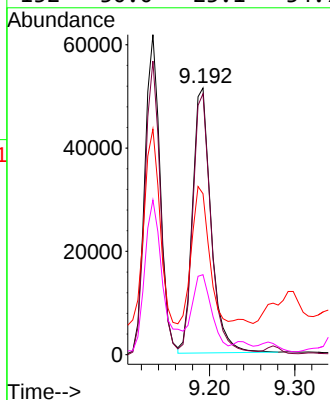
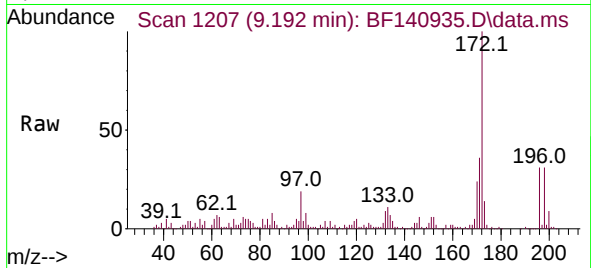




#44
2,4,5-Trichlorophenol
Concen: 41.571 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

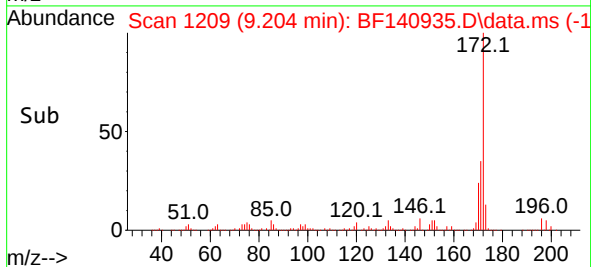
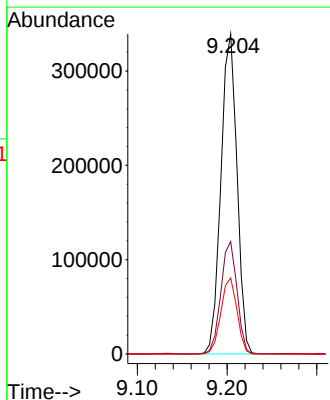
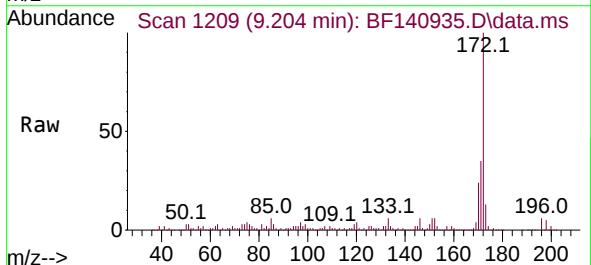
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

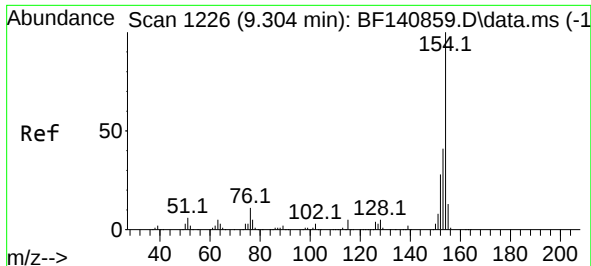
Tgt Ion:196	Resp:	77243
Ion Ratio	Lower	Upper
196	100	
198	97.9	77.2 115.8
97	60.3	42.2 63.4
132	30.0	23.1 34.7



#45
2-Fluorobiphenyl
Concen: 64.752 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:172	Resp:	423047
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.4 42.6
170	23.8	18.6 28.0

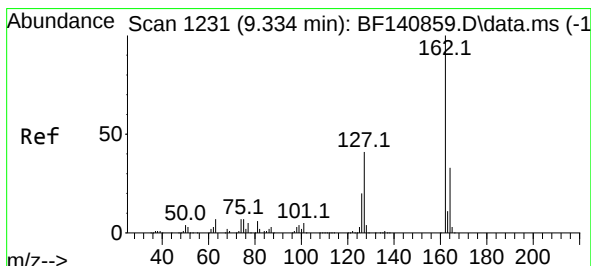
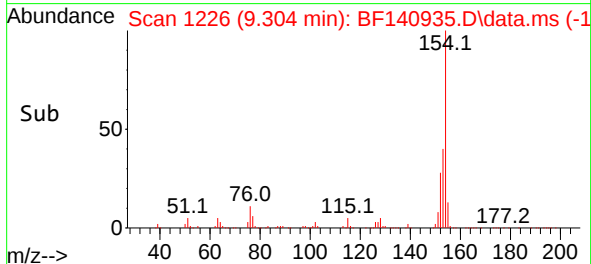
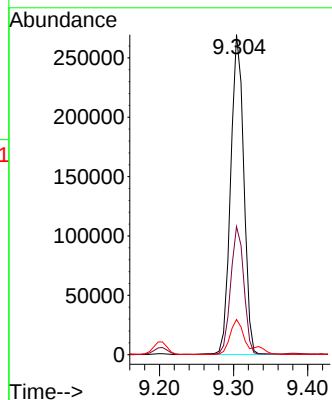
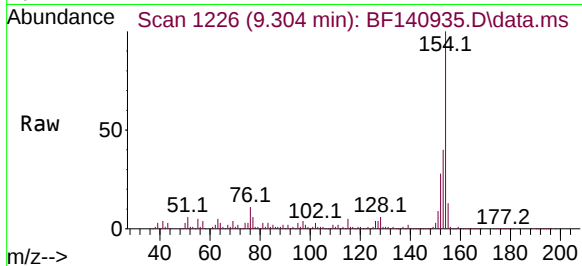




#46
1,1'-Biphenyl
Concen: 46.309 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

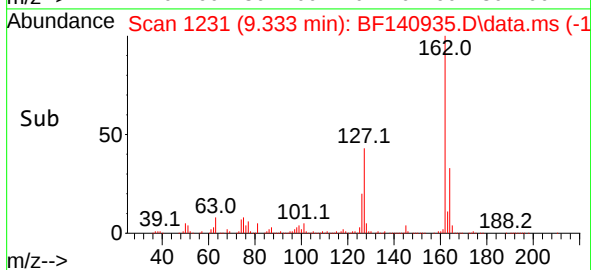
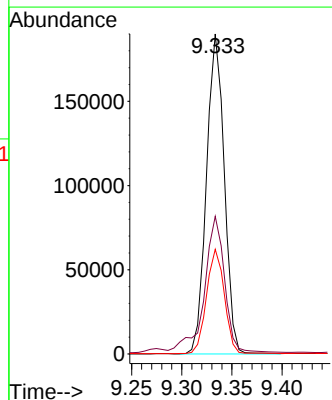
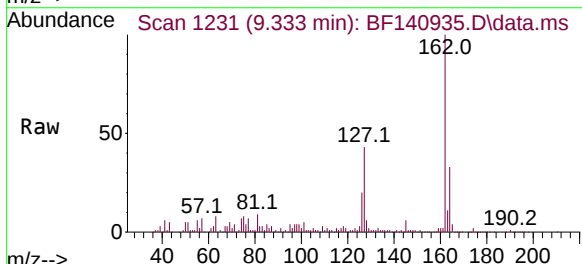
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

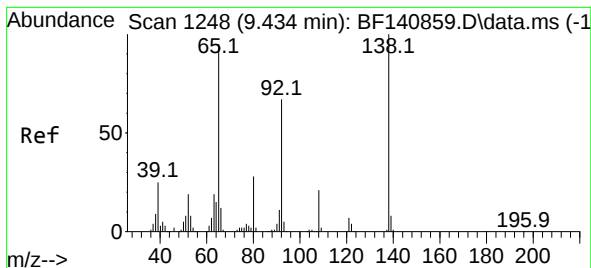
Tgt Ion:154 Resp: 330768
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 11.0 0.0 31.0



#47
2-Chloronaphthalene
Concen: 43.023 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:162 Resp: 235087
Ion Ratio Lower Upper
162 100
127 43.0 33.5 50.3
164 32.7 26.2 39.2





#48

2-Nitroaniline

Concen: 43.340 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

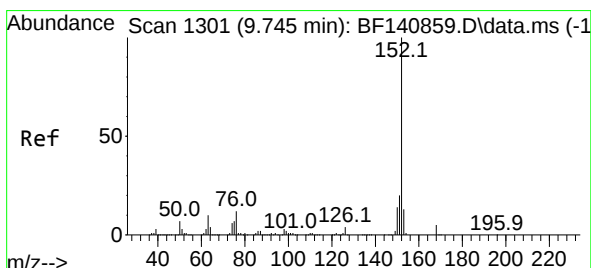
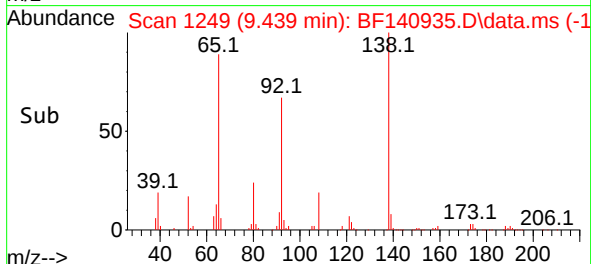
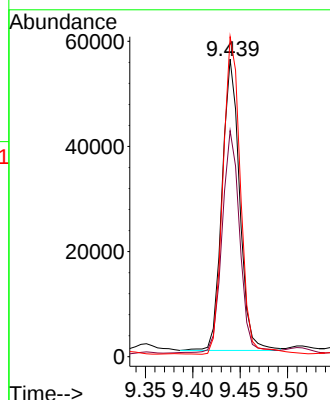
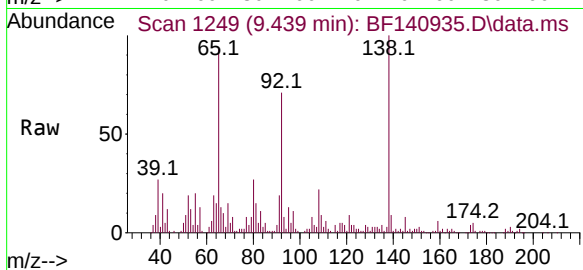
Tgt Ion: 65 Resp: 71522

Ion Ratio Lower Upper

65 100

92 76.0 56.3 84.5

138 107.5 83.8 125.6



#49

Acenaphthylene

Concen: 46.222 ng

RT: 9.751 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

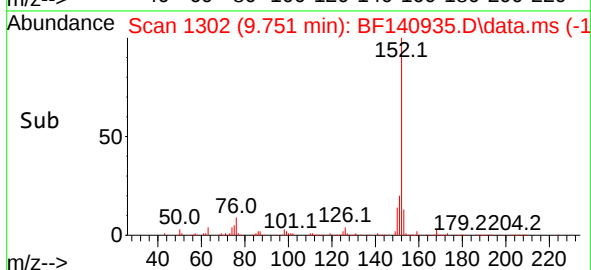
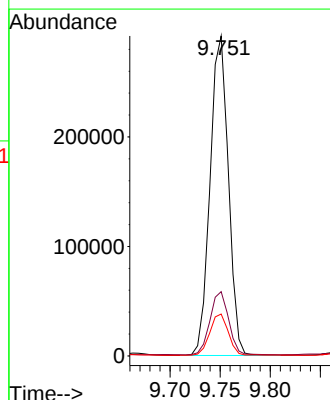
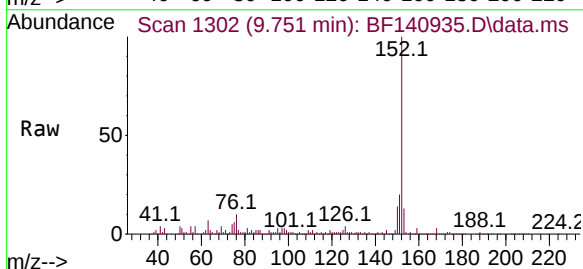
Tgt Ion: 152 Resp: 371164

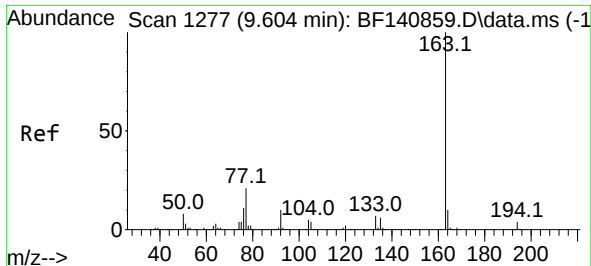
Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.1 10.6 16.0

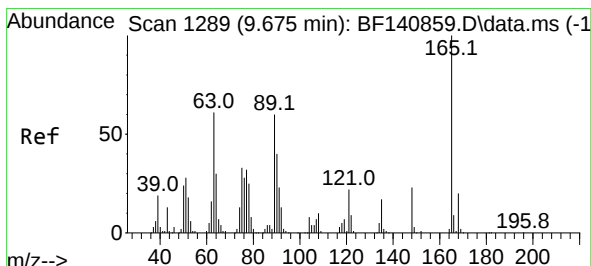
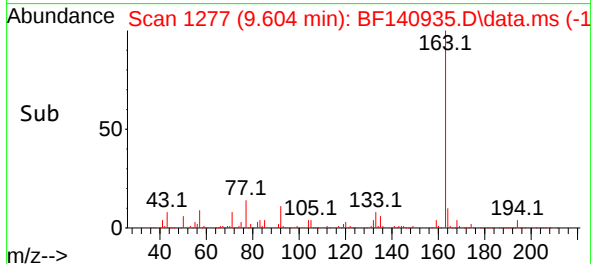
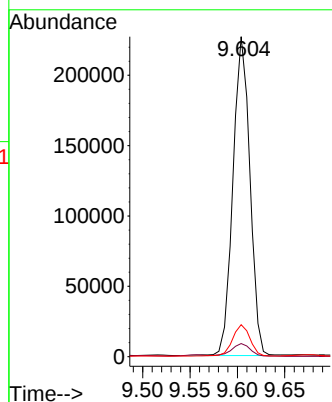
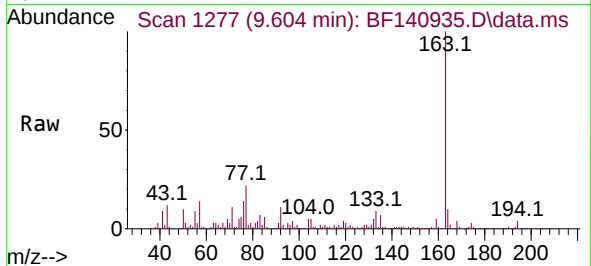




#50
Dimethylphthalate
Concen: 44.584 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

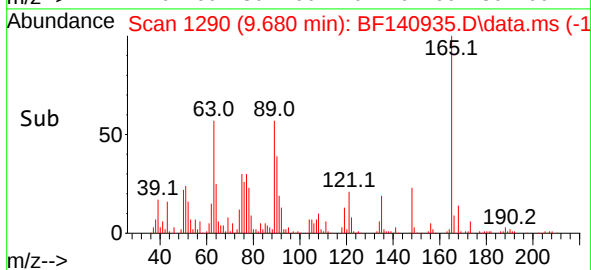
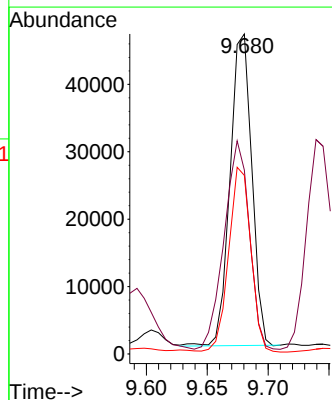
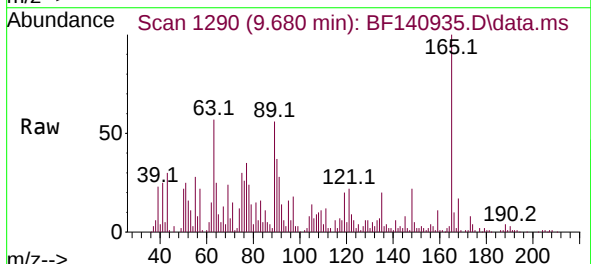
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

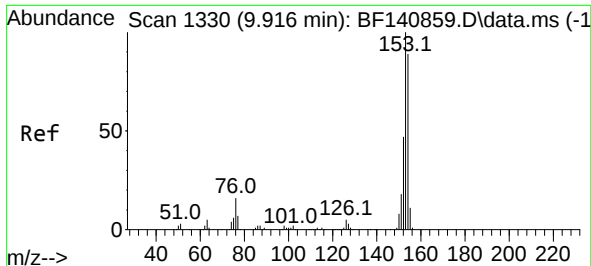
Tgt Ion:163 Resp: 282341
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 39.666 ng
RT: 9.680 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:165 Resp: 57425
Ion Ratio Lower Upper
165 100
63 57.5 49.7 74.5
89 55.8 48.2 72.4

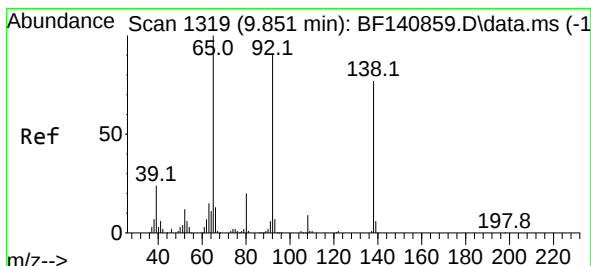
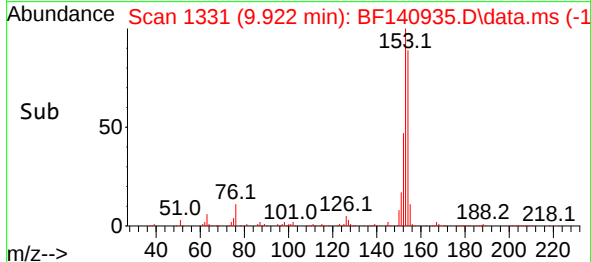
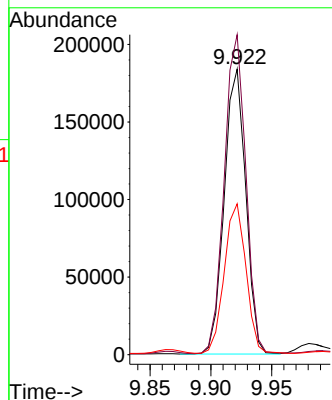
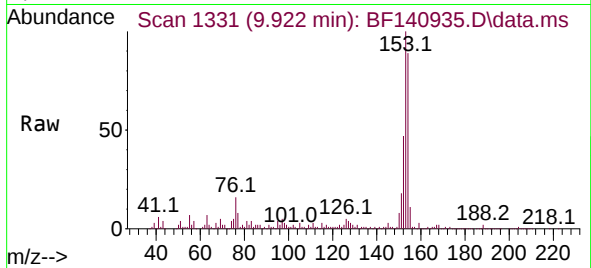




#52
Acenaphthene
Concen: 44.092 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

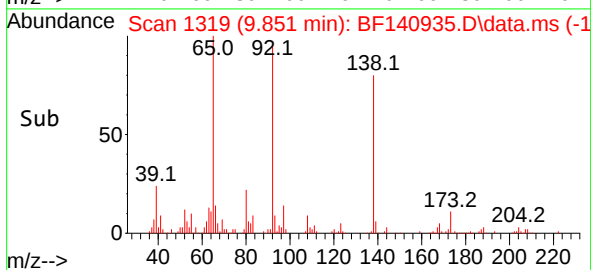
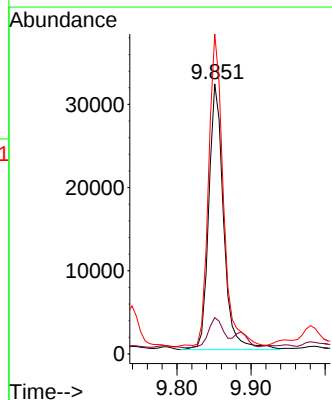
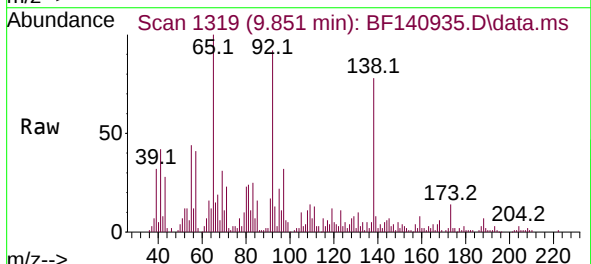
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

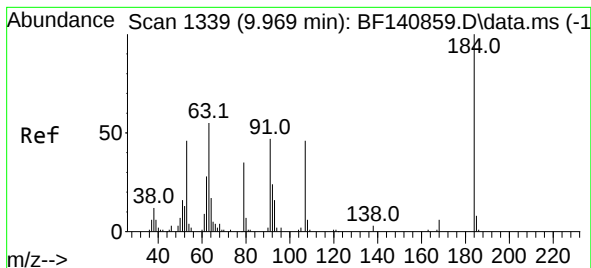
Tgt Ion:154 Resp: 226164
Ion Ratio Lower Upper
154 100
153 112.0 89.9 134.9
152 52.9 42.6 63.8



#53
3-Nitroaniline
Concen: 30.914 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:138 Resp: 44414
Ion Ratio Lower Upper
138 100
108 13.5 9.0 13.4#
92 118.5 95.5 143.3





#54

2,4-Dinitrophenol

Concen: 31.099 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.011 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

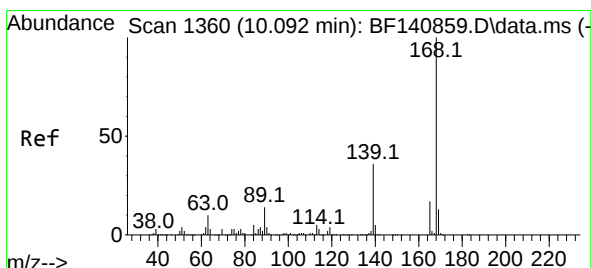
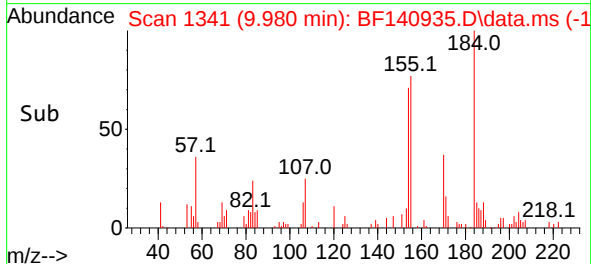
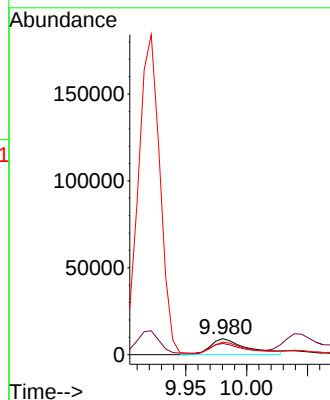
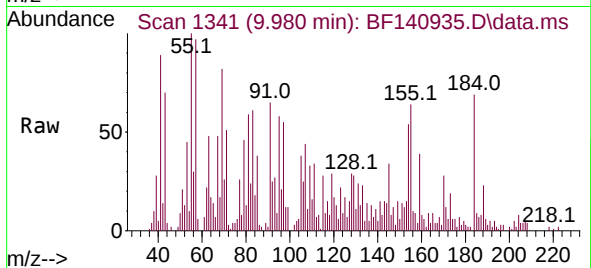
Tgt Ion:184 Resp: 18892

Ion Ratio Lower Upper

184 100

63 69.5 51.6 77.4

154 78.3 56.1 84.1



#55

Dibenzofuran

Concen: 42.186 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

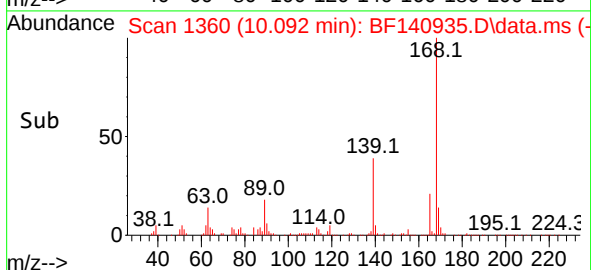
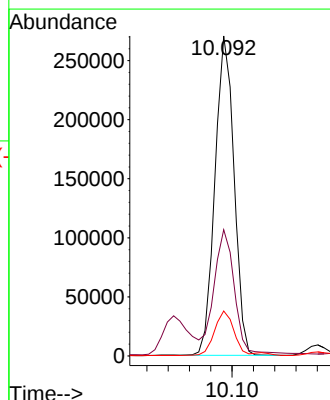
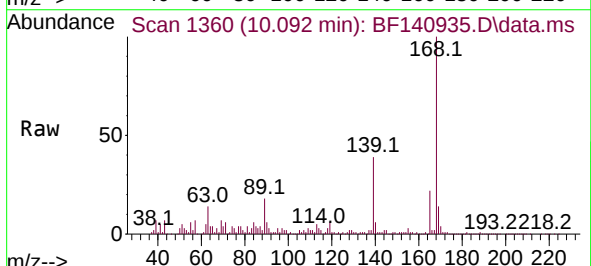
Tgt Ion:168 Resp: 335305

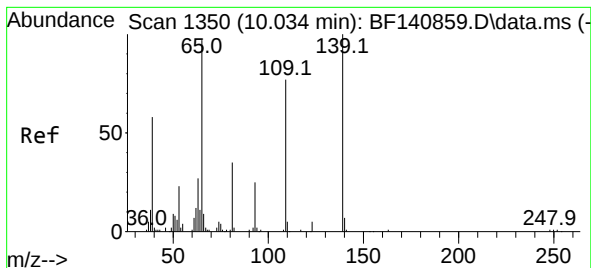
Ion Ratio Lower Upper

168 100

139 39.4 31.1 46.7

169 14.0 10.6 16.0

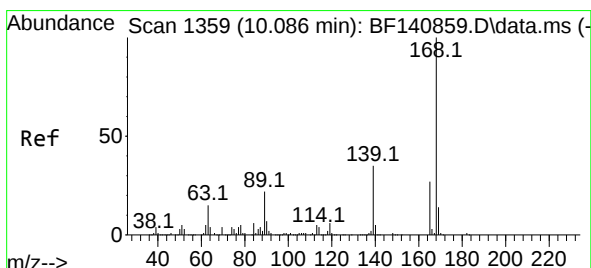
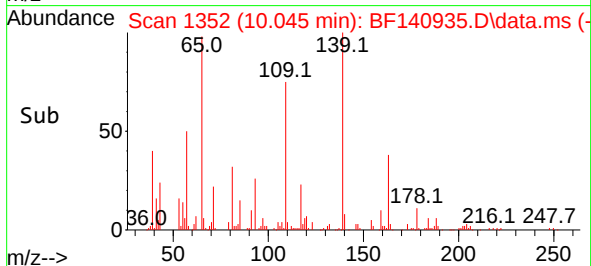
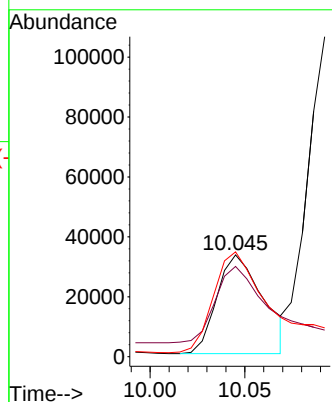
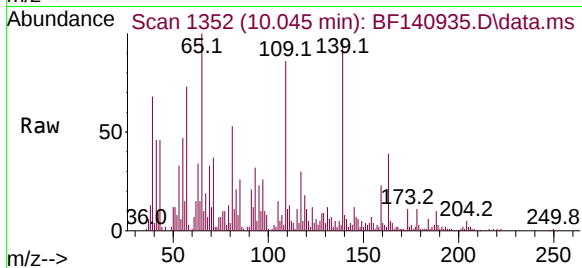




#56
4-Nitrophenol
Concen: 72.570 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

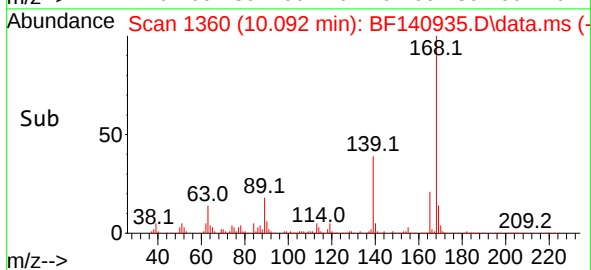
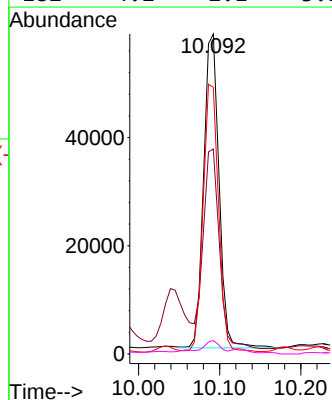
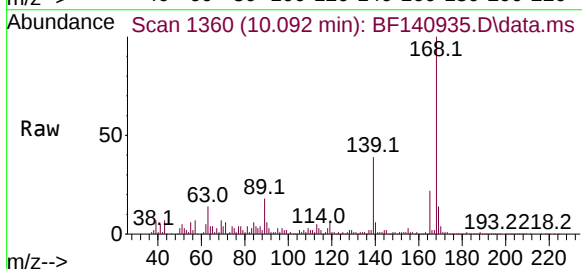
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

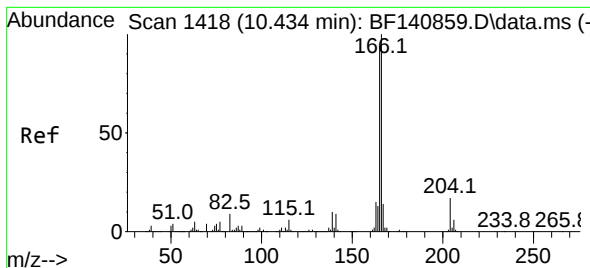
Tgt Ion:139 Resp: 55745
Ion Ratio Lower Upper
139 100
109 88.6 56.7 96.7
65 102.9 78.1 118.1



#57
2,4-Dinitrotoluene
Concen: 40.062 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:165 Resp: 76310
Ion Ratio Lower Upper
165 100
63 64.1 49.3 73.9
89 83.3 66.2 99.4
182 4.2 2.1 3.1#





#58

Fluorene

Concen: 41.528 ng

RT: 10.439 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

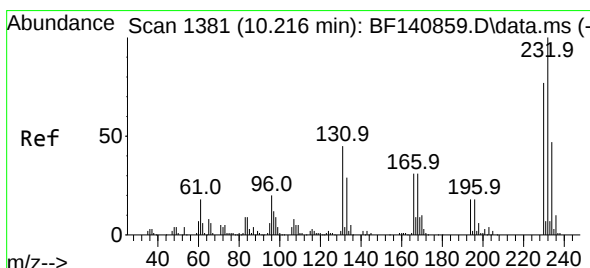
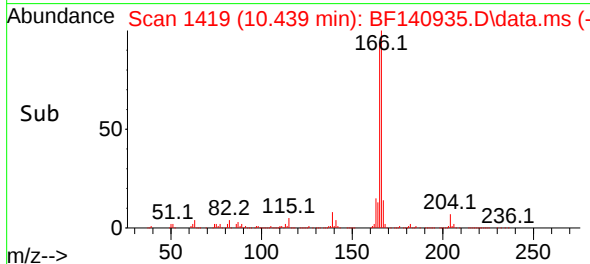
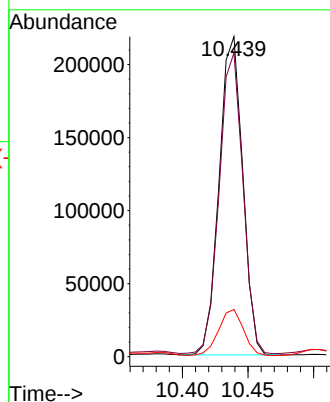
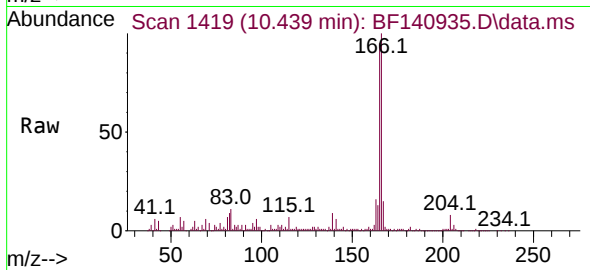
Tgt Ion:166 Resp: 272314

Ion Ratio Lower Upper

166 100

165 94.9 75.1 112.7

167 14.7 11.1 16.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.259 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Tgt Ion:232 Resp: 63984

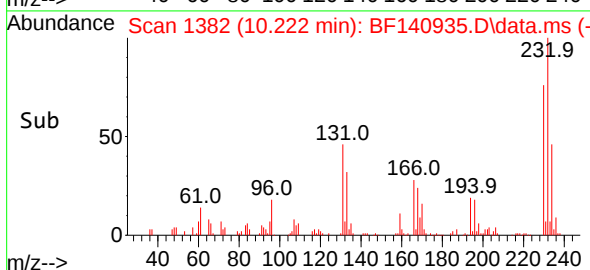
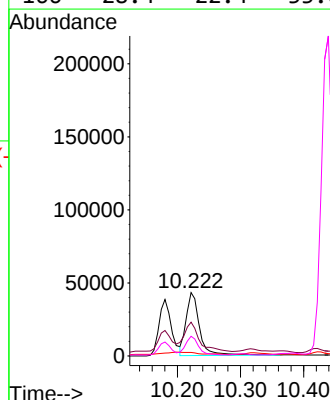
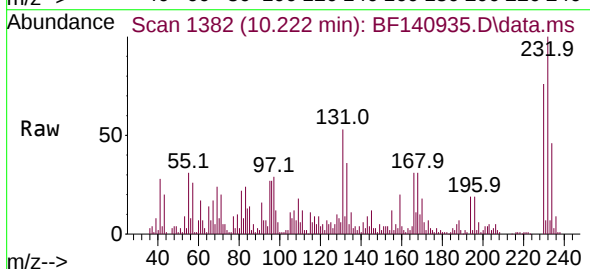
Ion Ratio Lower Upper

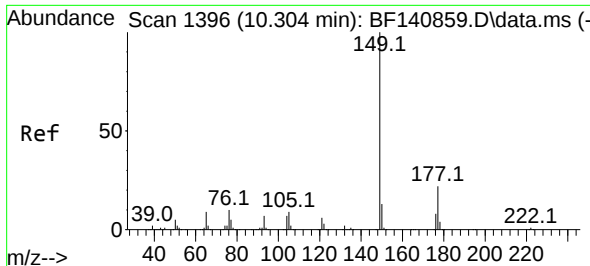
232 100

131 51.8 35.1 52.7

130 0.0 1.8 2.8#

166 28.4 22.4 33.6

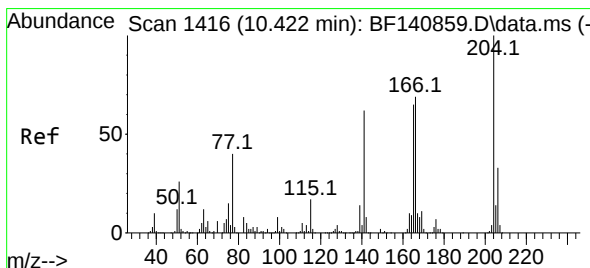
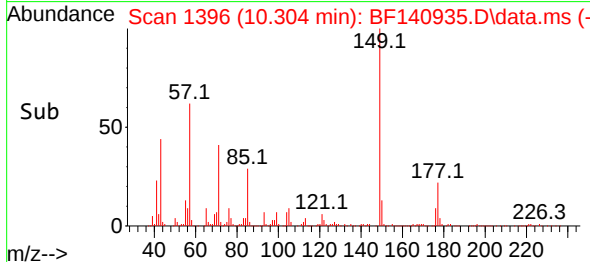
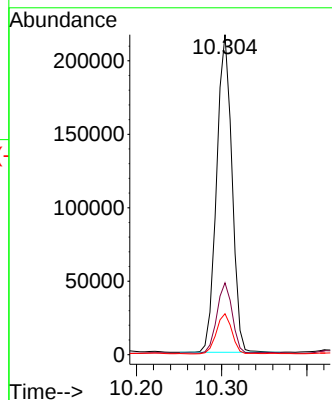
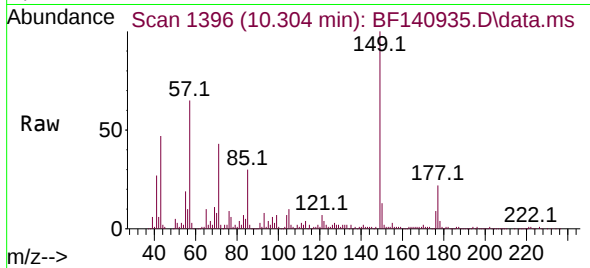




#60
Diethylphthalate
Concen: 41.120 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

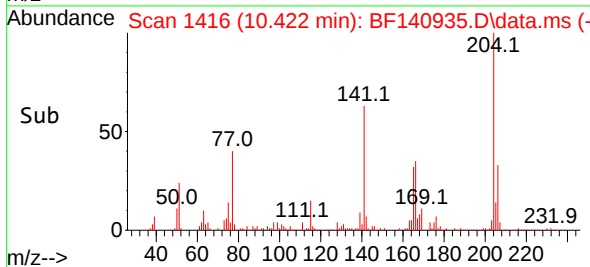
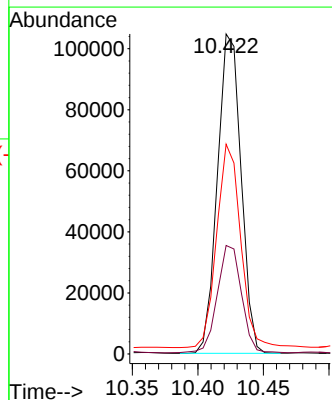
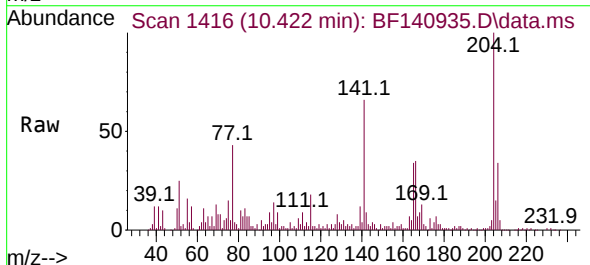
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

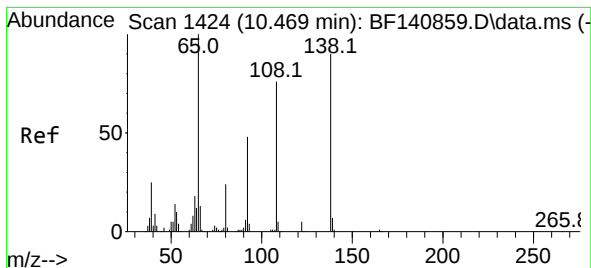
Tgt Ion:149 Resp: 270027
Ion Ratio Lower Upper
149 100
177 22.5 17.2 25.8
150 12.8 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 39.748 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:204 Resp: 130925
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 65.5 50.0 75.0

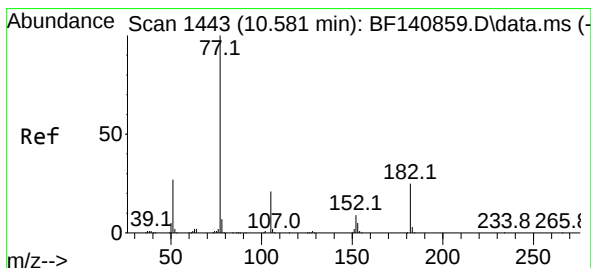
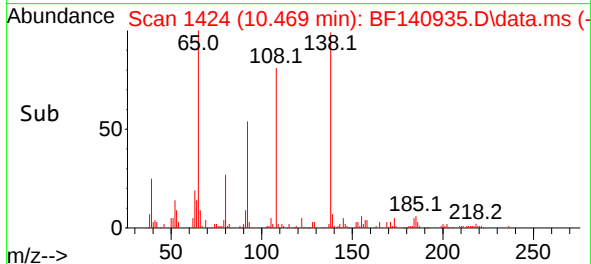
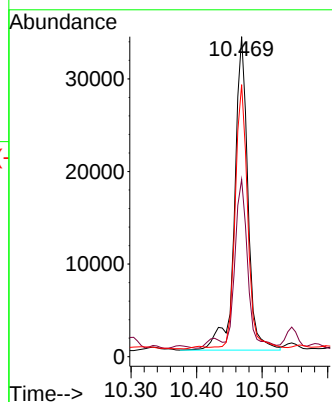
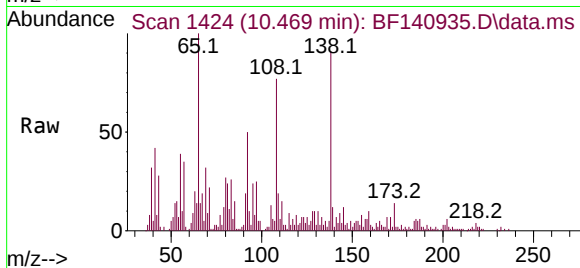




#62
4-Nitroaniline
Concen: 32.098 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

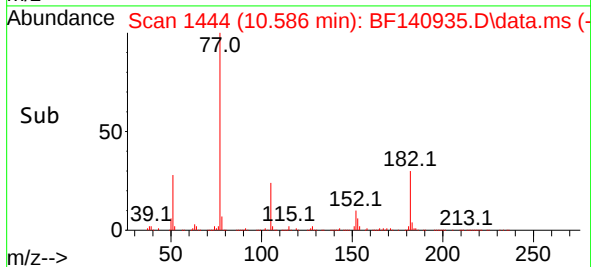
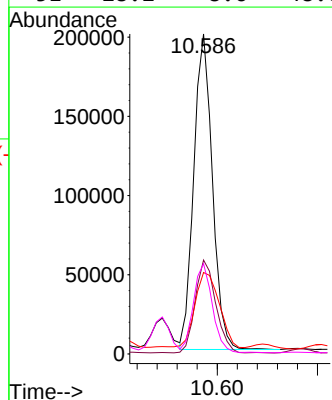
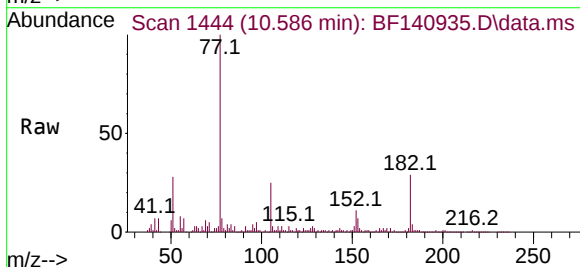
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

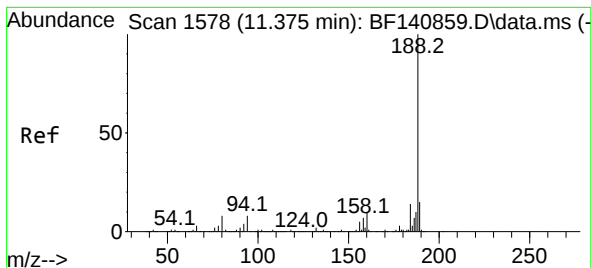
Tgt Ion:138 Resp: 48190
Ion Ratio Lower Upper
138 100
92 55.4 32.6 72.6
108 85.0 64.1 104.1



#63
Azobenzene
Concen: 41.632 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion: 77 Resp: 257018
Ion Ratio Lower Upper
77 100
182 29.4 4.5 44.5
105 25.5 0.9 40.9
51 28.2 8.6 48.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

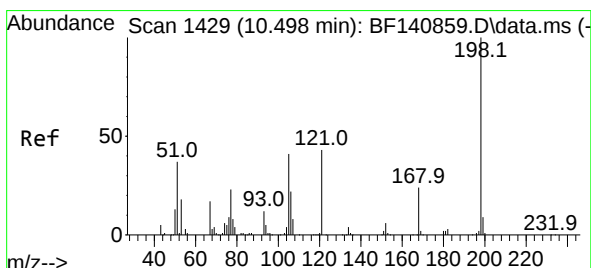
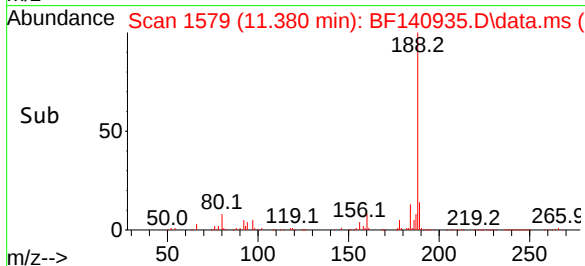
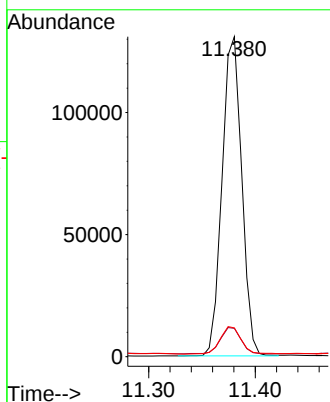
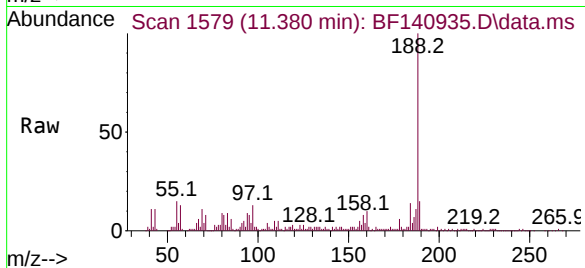
Tgt Ion:188 Resp: 167636

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.0 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 17.911 ng

RT: 10.510 min Scan# 1431

Delta R.T. 0.012 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

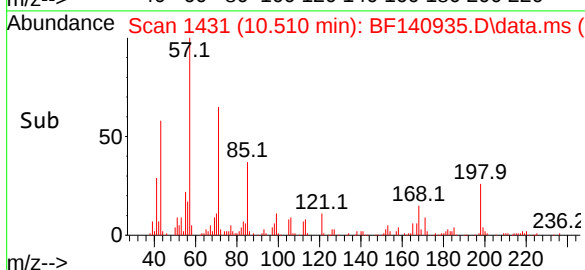
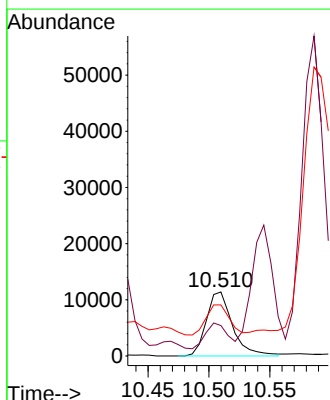
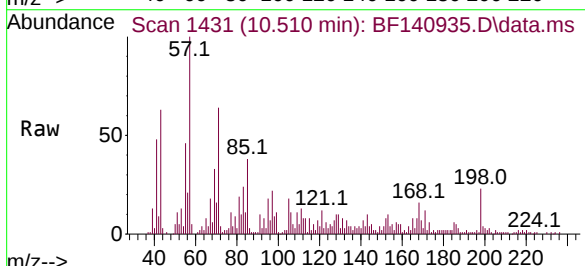
Tgt Ion:198 Resp: 17014

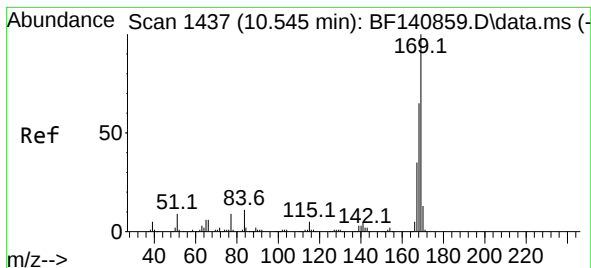
Ion Ratio Lower Upper

198 100

51 47.4 24.4 64.4

105 79.6 22.1 62.1#





#66

n-Nitrosodiphenylamine

Concen: 45.720 ng

RT: 10.545 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

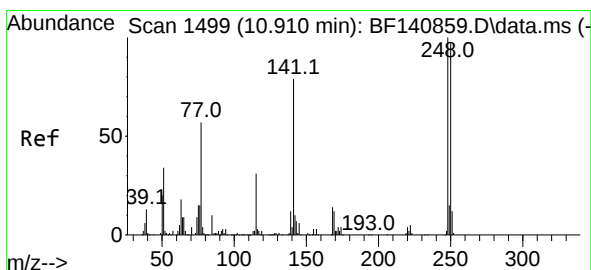
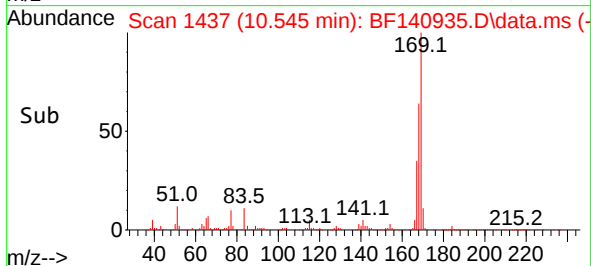
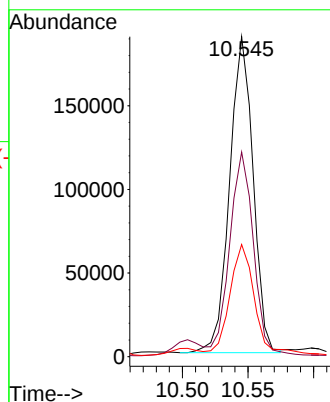
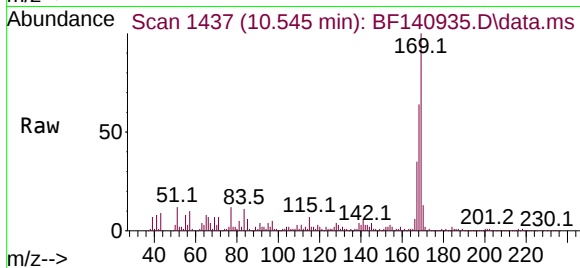
Tgt Ion:169 Resp: 235642

Ion Ratio Lower Upper

169 100

168 64.0 53.4 80.0

167 35.0 28.3 42.5



#67

4-Bromophenyl-phenylether

Concen: 40.852 ng

RT: 10.916 min Scan# 1500

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

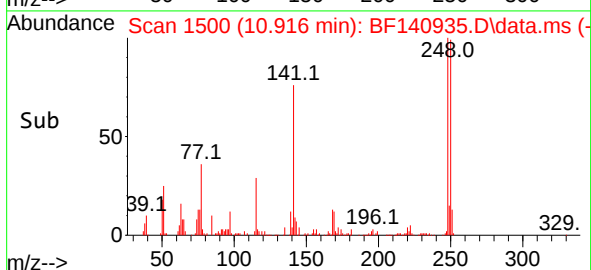
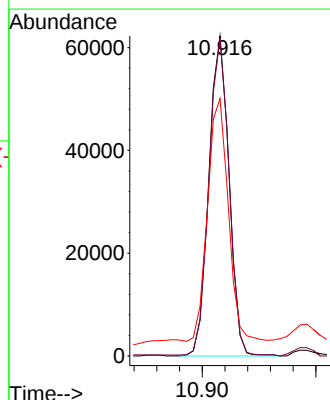
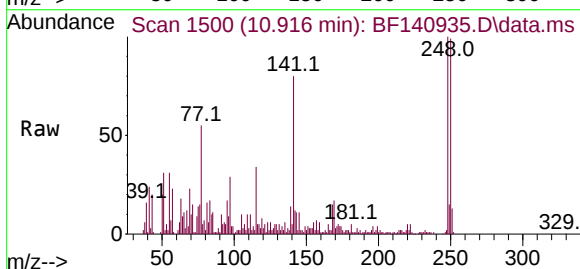
Tgt Ion:248 Resp: 76614

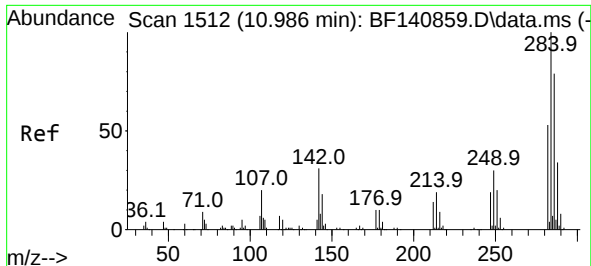
Ion Ratio Lower Upper

248 100

250 99.3 77.4 116.2

141 80.5 62.9 94.3

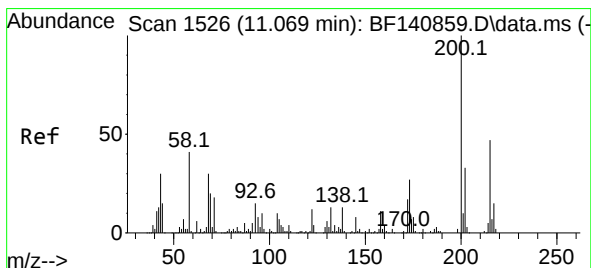
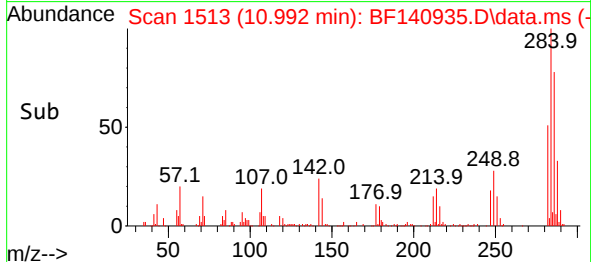
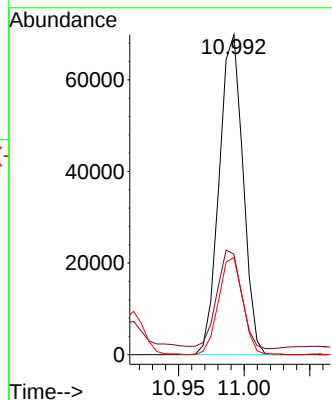
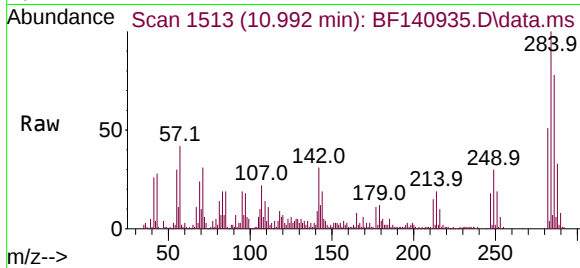




#68
Hexachlorobenzene
Concen: 41.441 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

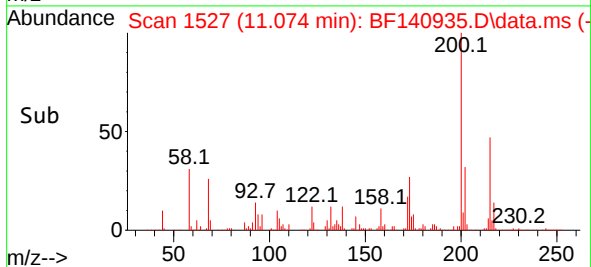
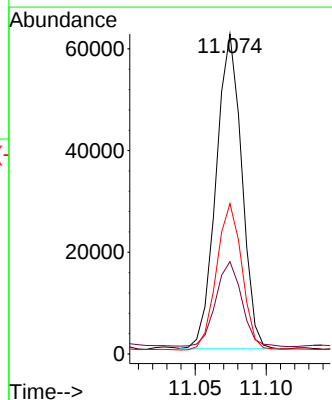
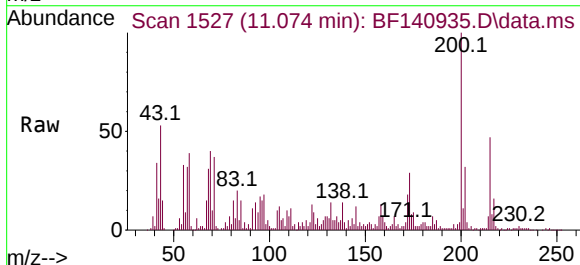
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

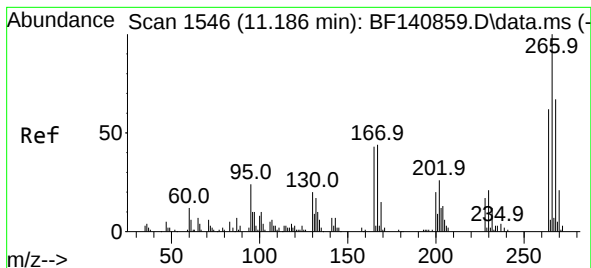
Tgt Ion:284 Resp: 88116
Ion Ratio Lower Upper
284 100
142 31.4 24.6 36.8
249 30.4 24.3 36.5



#69
Atrazine
Concen: 54.041 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:200 Resp: 77790
Ion Ratio Lower Upper
200 100
173 28.9 6.6 46.6
215 47.0 26.7 66.7

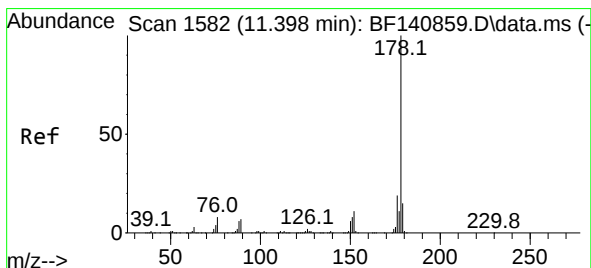
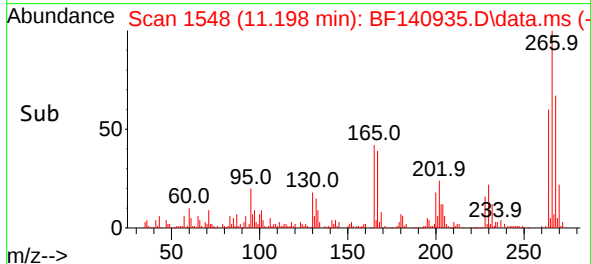
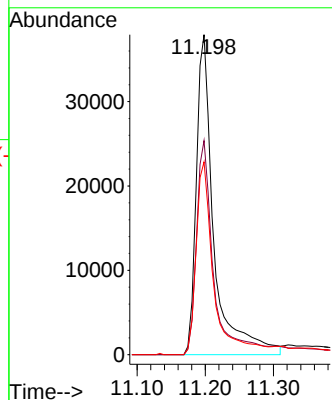
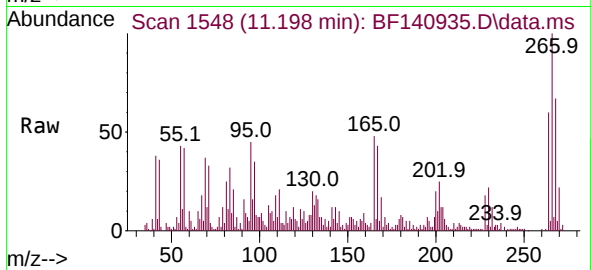




#70
Pentachlorophenol
Concen: 87.398 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

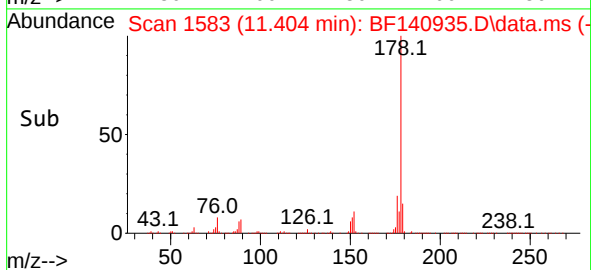
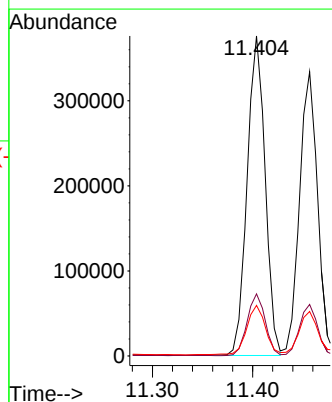
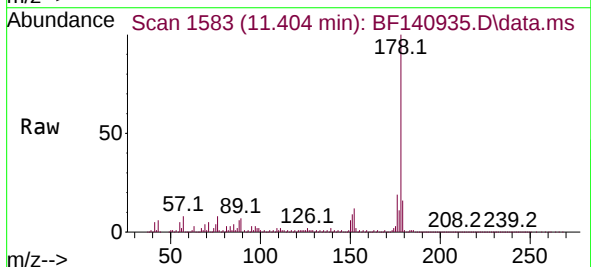
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

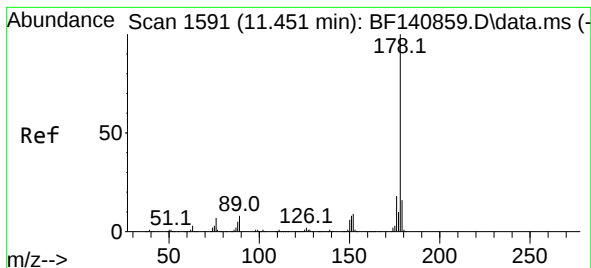
Tgt Ion:266 Resp: 67942
Ion Ratio Lower Upper
266 100
268 66.9 54.0 81.0
264 60.3 49.4 74.2



#71
Phenanthrene
Concen: 54.530 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:178 Resp: 470076
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.1 18.1





#72

Anthracene

Concen: 48.648 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

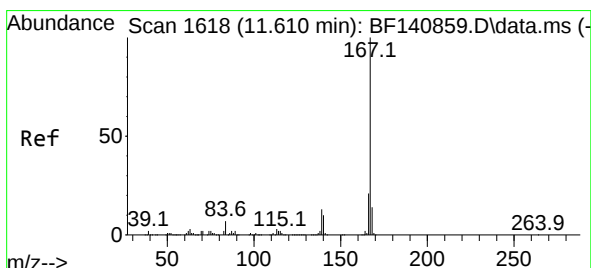
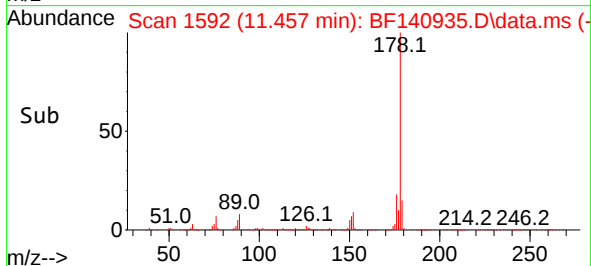
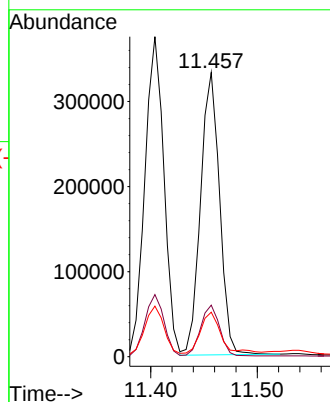
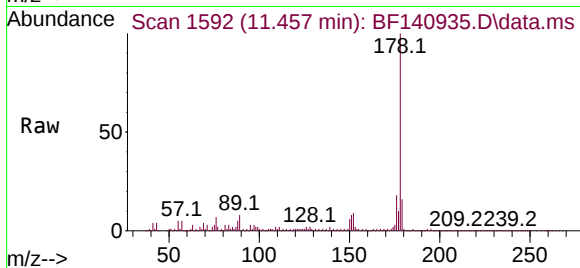
Tgt Ion:178 Resp: 412998

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 15.7 12.6 18.8



#73

Carbazole

Concen: 44.533 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

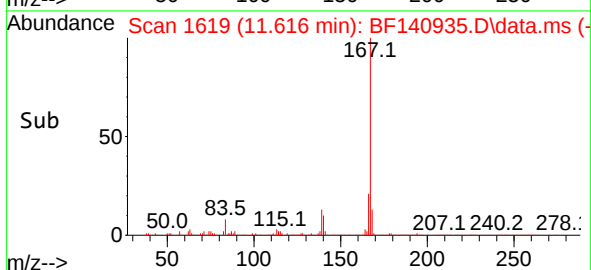
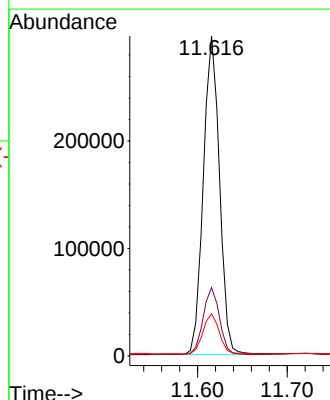
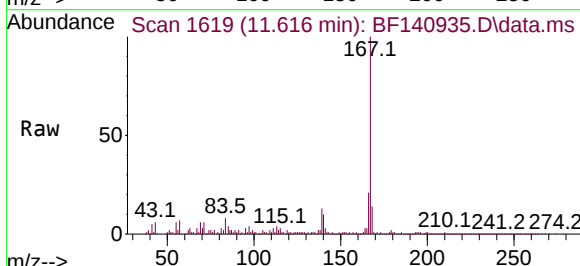
Tgt Ion:167 Resp: 370306

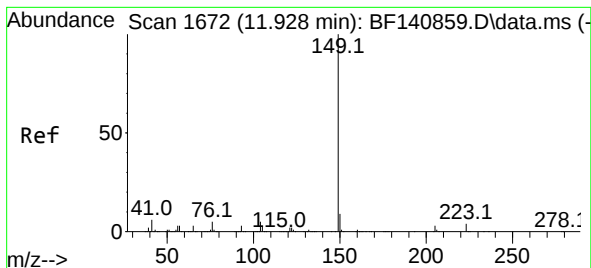
Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.2 10.2 15.2





#74

Di-n-butylphthalate

Concen: 45.706 ng

RT: 11.927 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

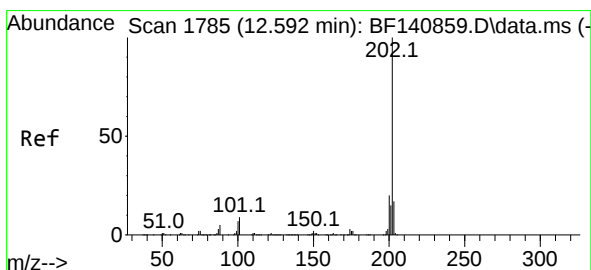
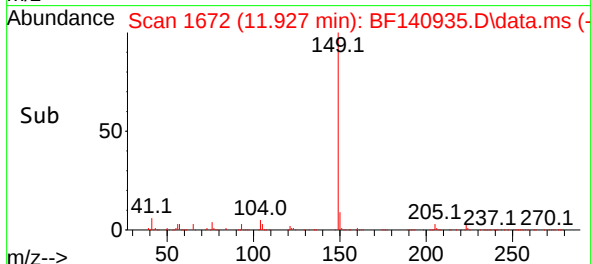
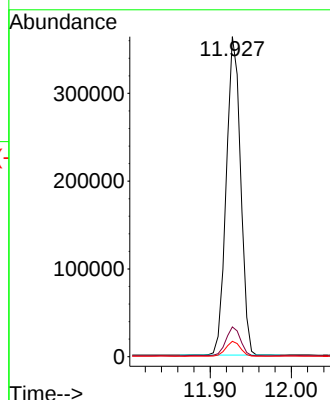
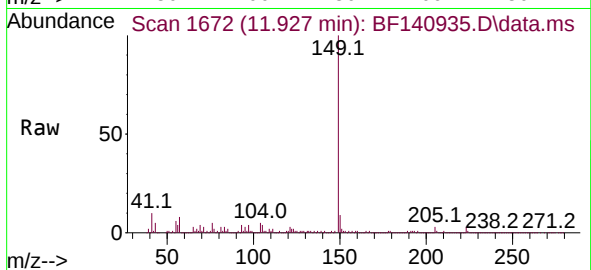
Tgt Ion:149 Resp: 446044

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 3.8 5.8



#75

Fluoranthene

Concen: 59.906 ng

RT: 12.598 min Scan# 1786

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

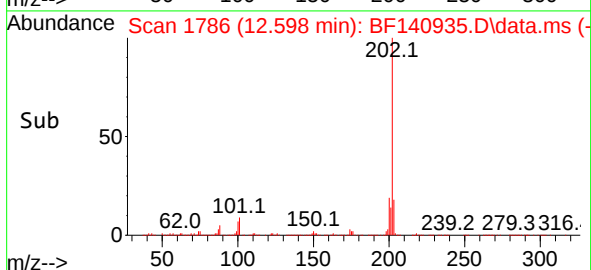
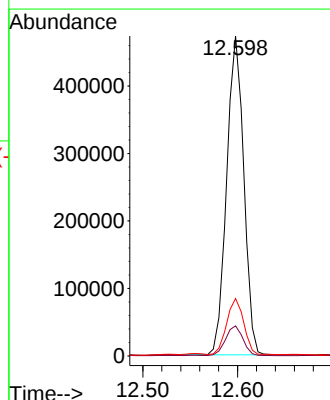
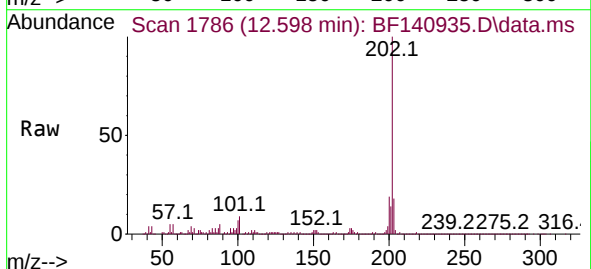
Tgt Ion:202 Resp: 594749

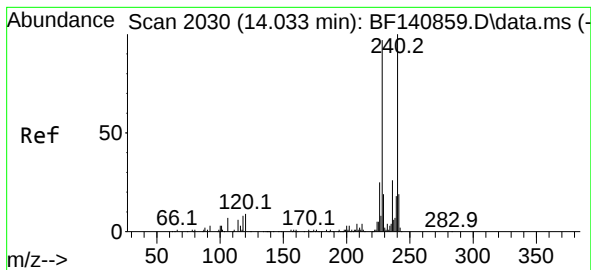
Ion Ratio Lower Upper

202 100

101 9.4 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: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

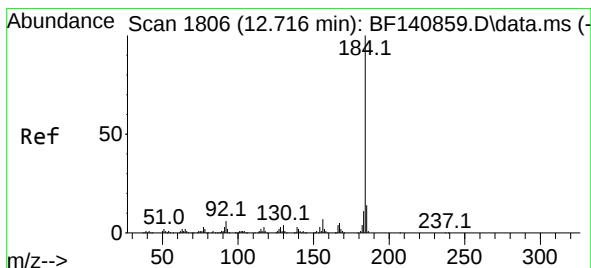
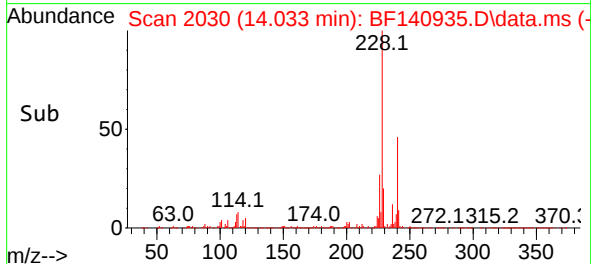
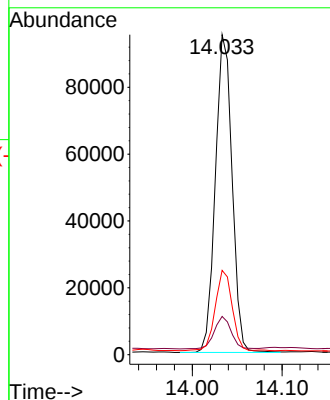
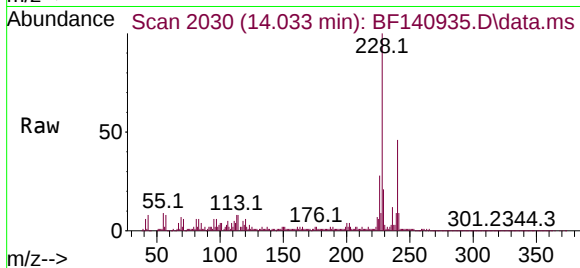
Tgt Ion:240 Resp: 122820

Ion Ratio Lower Upper

240 100

120 12.0 7.6 11.4#

236 26.4 20.5 30.7



#77

Benzdine

Concen: 21.092 ng

RT: 12.721 min Scan# 1807

Delta R.T. 0.005 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

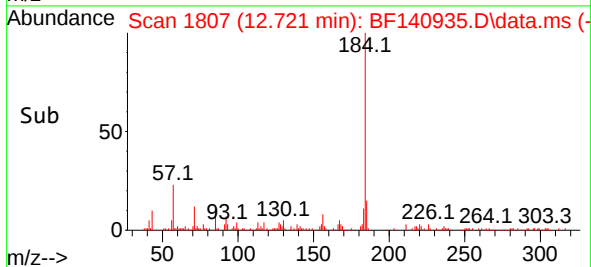
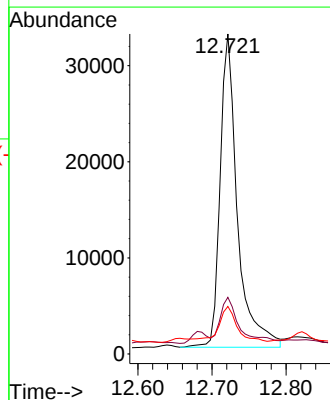
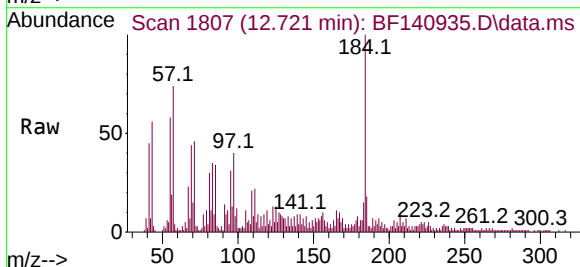
Tgt Ion:184 Resp: 52871

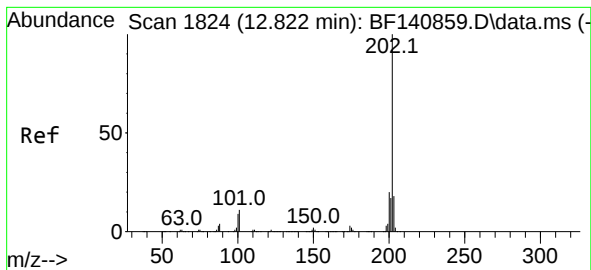
Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

183 14.9 9.0 13.4#





#78

Pyrene

Concen: 56.317 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

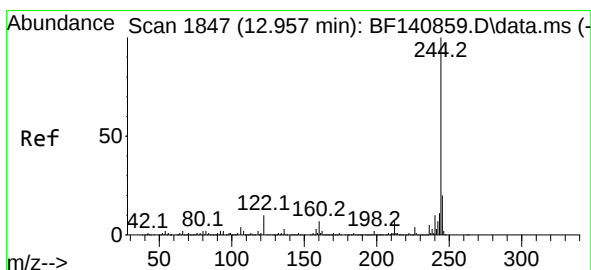
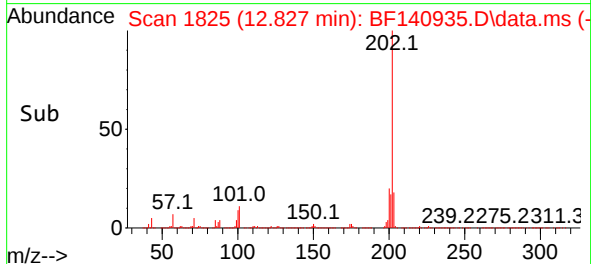
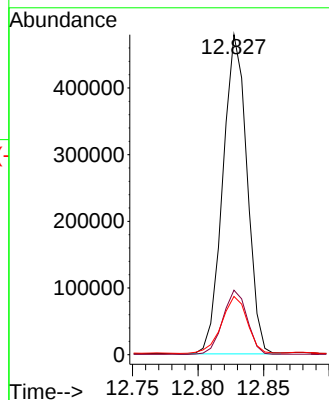
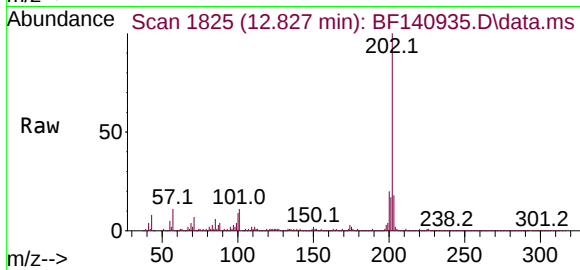
Tgt Ion:202 Resp: 615083

Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 57.581 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

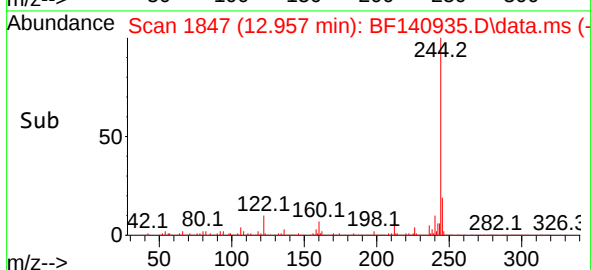
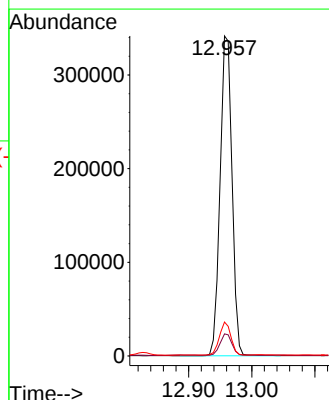
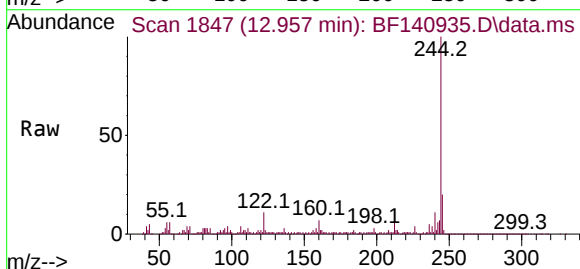
Tgt Ion:244 Resp: 448493

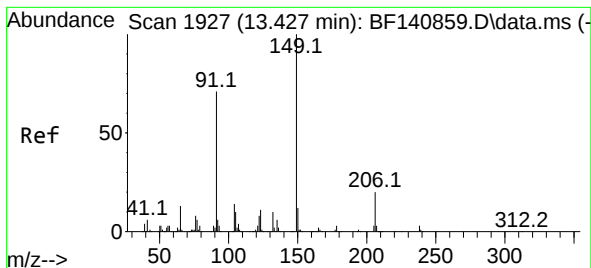
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 49.394 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

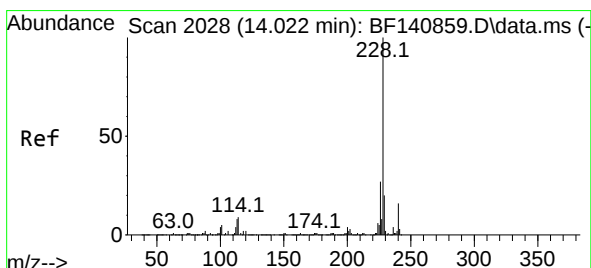
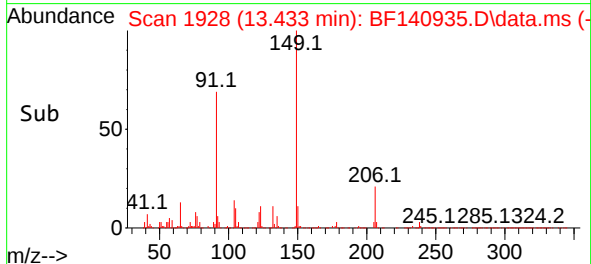
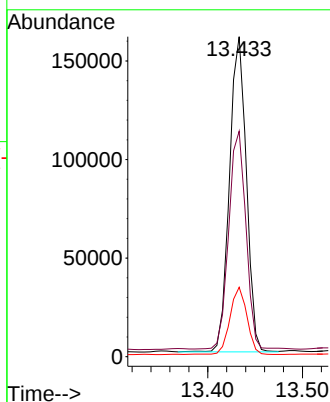
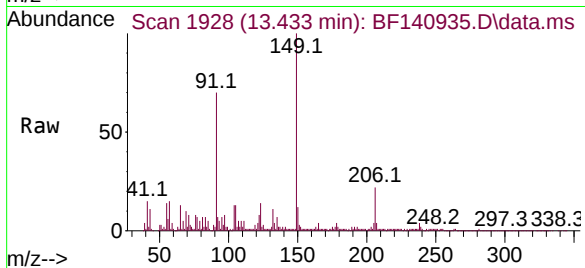
Tgt Ion:149 Resp: 198502

Ion Ratio Lower Upper

149 100

91 70.5 56.7 85.1

206 21.7 16.4 24.6



#81

Benzo(a)anthracene

Concen: 50.721 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

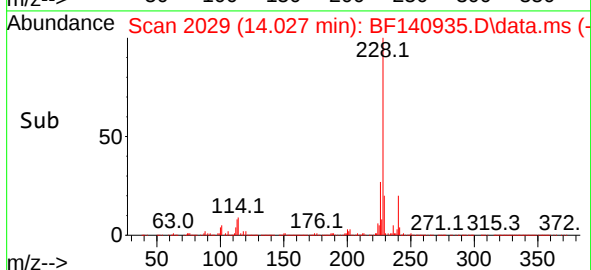
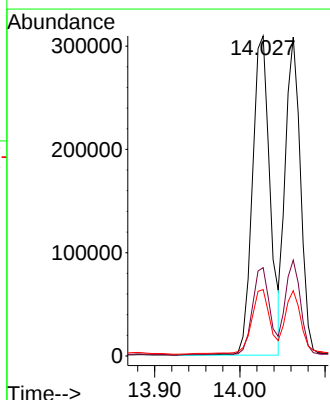
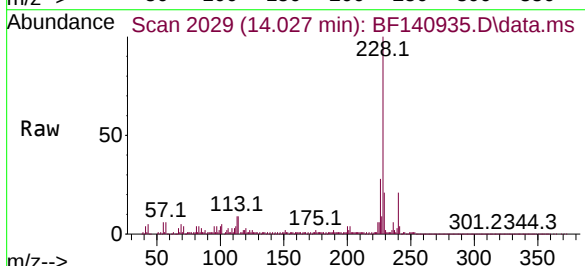
Tgt Ion:228 Resp: 441510

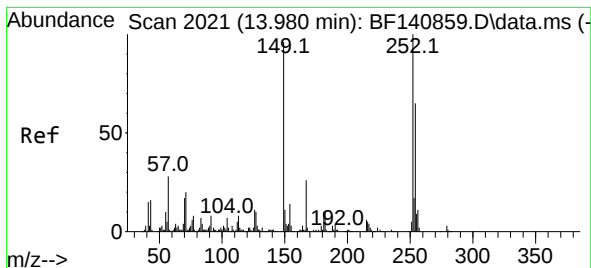
Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.8 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 30.671 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

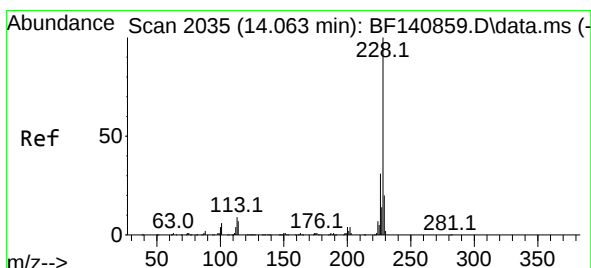
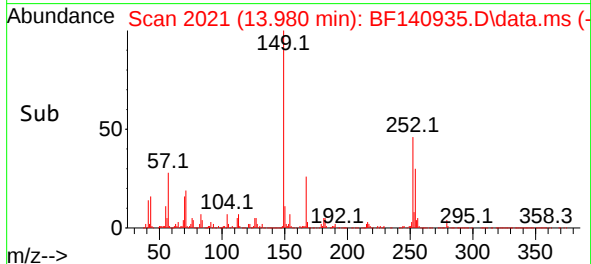
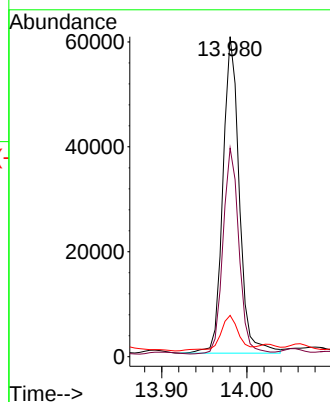
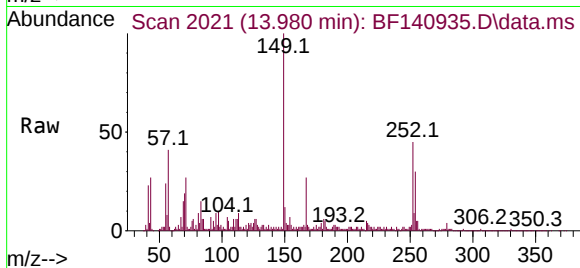
Tgt Ion:252 Resp: 80550

Ion Ratio Lower Upper

252 100

254 65.2 52.3 78.5

126 12.9 8.4 12.6#



#83

Chrysene

Concen: 47.699 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

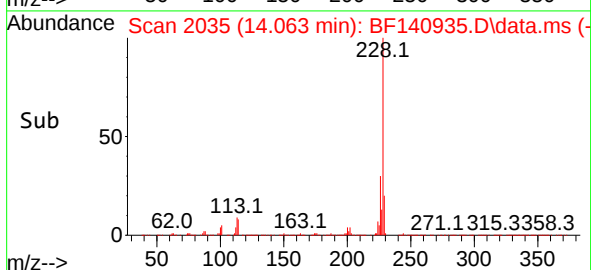
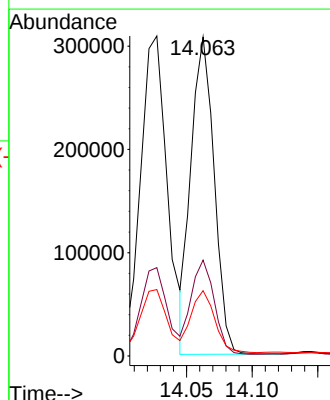
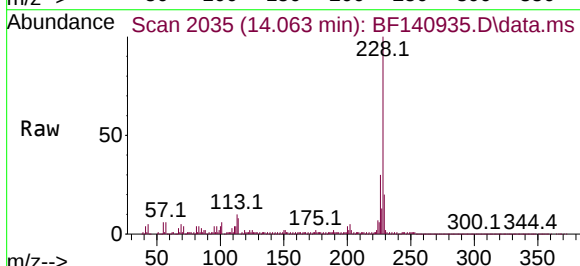
Tgt Ion:228 Resp: 377556

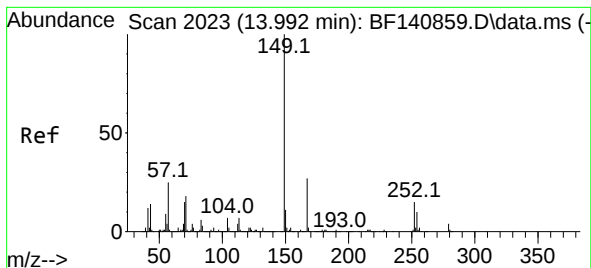
Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.5 16.0 24.0

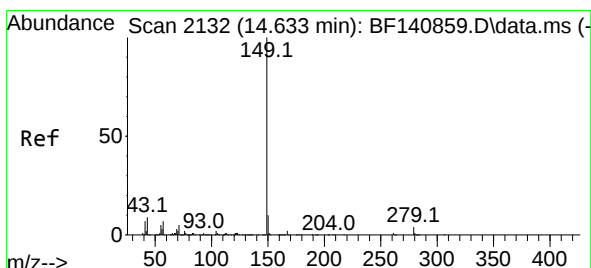
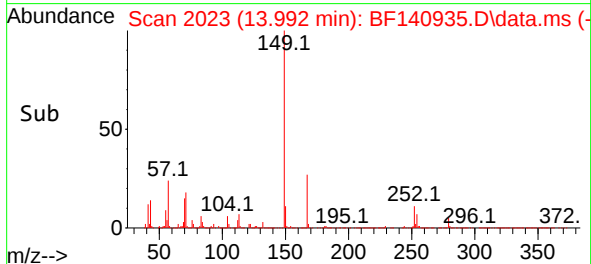
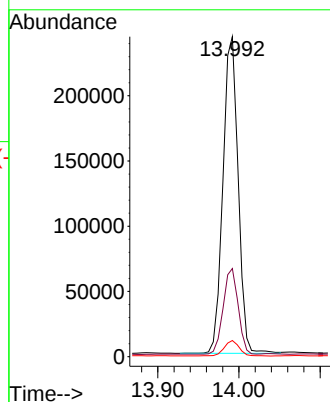
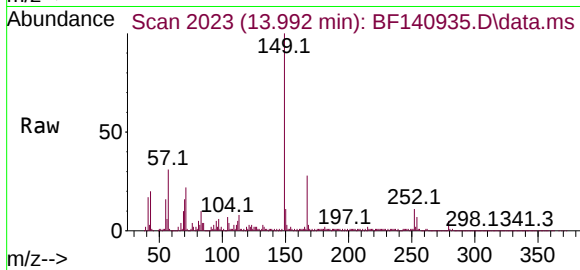




#84
Bis(2-ethylhexyl)phthalate
Concen: 61.016 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

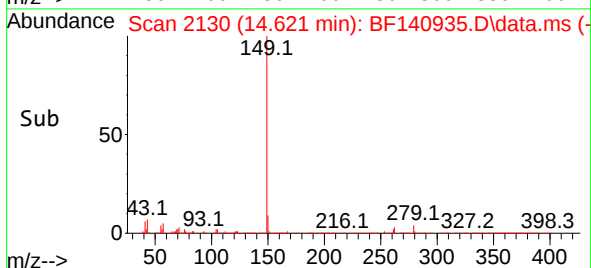
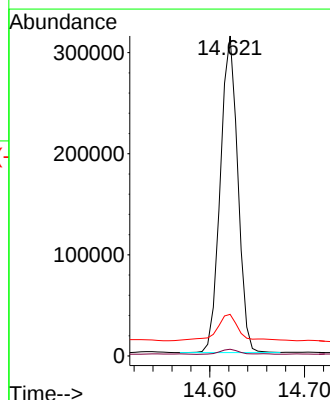
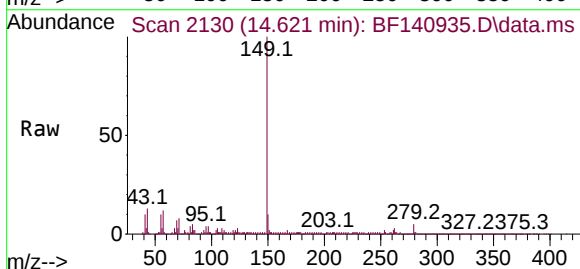
Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

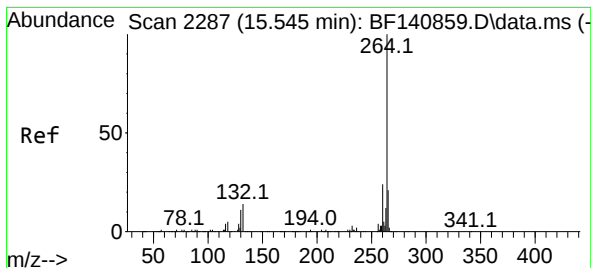
Tgt Ion:149 Resp: 316173
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 5.0 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 51.291 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140935.D
Acq: 19 Dec 2024 19:08

Tgt Ion:149 Resp: 402099
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.7 7.0 10.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

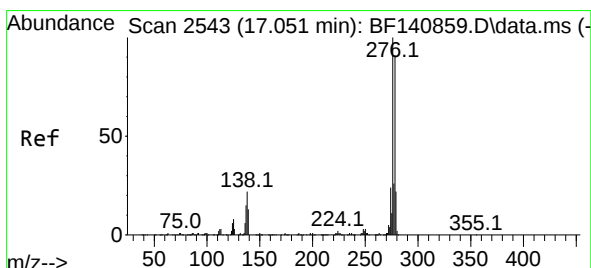
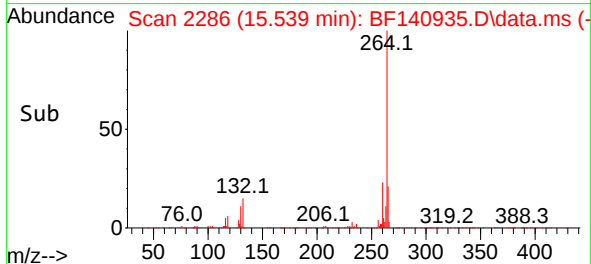
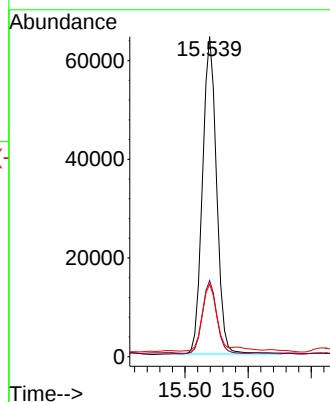
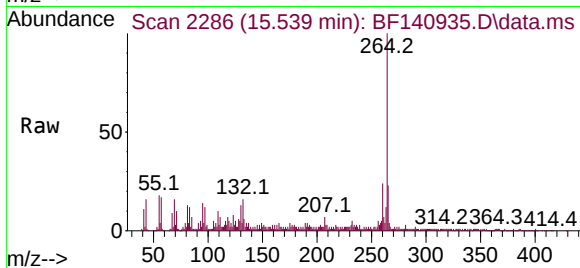
Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

Tgt Ion:264	Resp:	99558
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.1 28.7
265	22.6	17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.931 ng

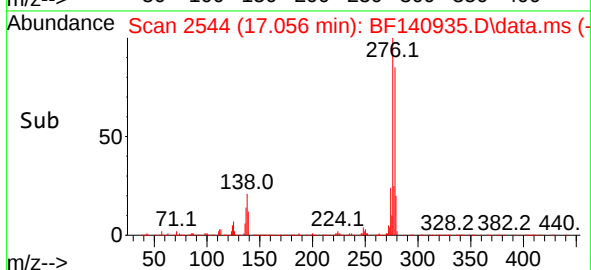
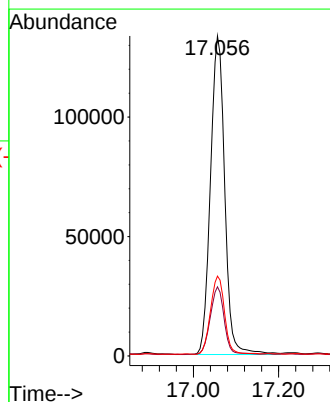
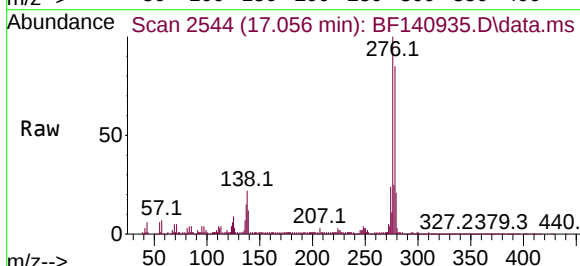
RT: 17.056 min Scan# 2544

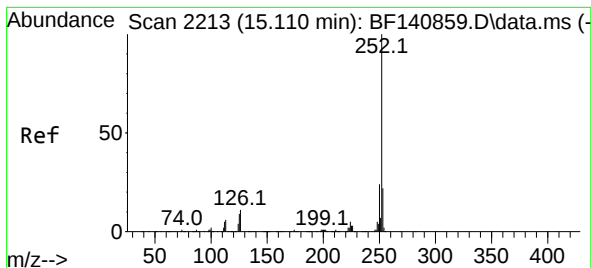
Delta R.T. 0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Tgt Ion:276	Resp:	310213
Ion Ratio	Lower	Upper
276	100	
138	20.6	16.9 25.3
277	24.0	20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 46.218 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

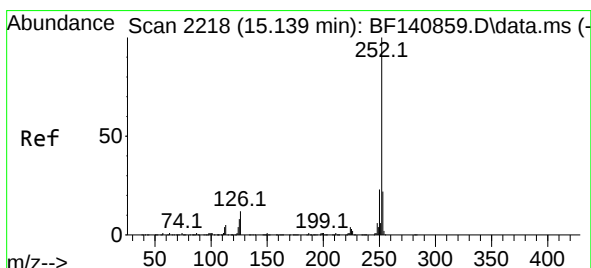
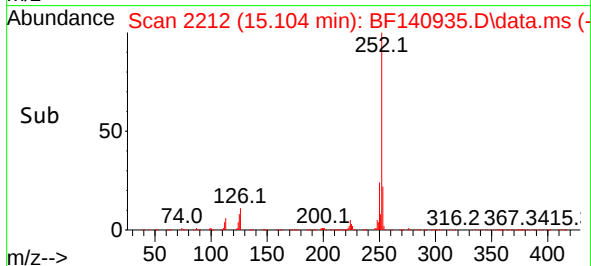
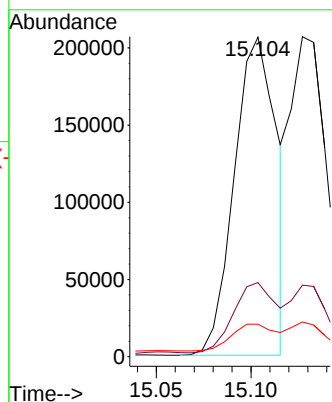
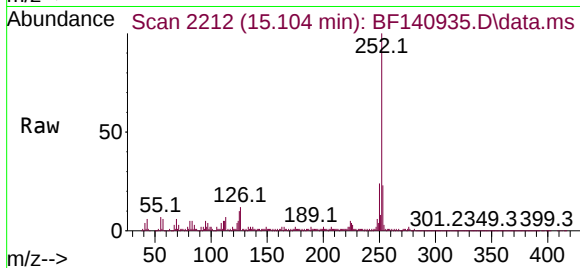
Tgt Ion:252 Resp: 319403

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 10.2 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 53.880 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.035 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

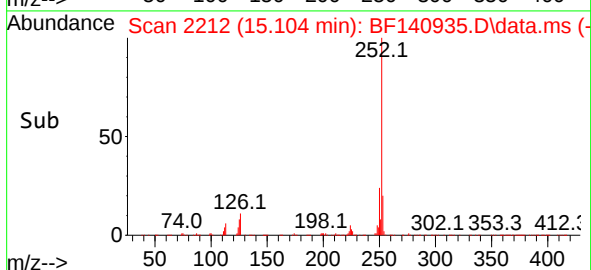
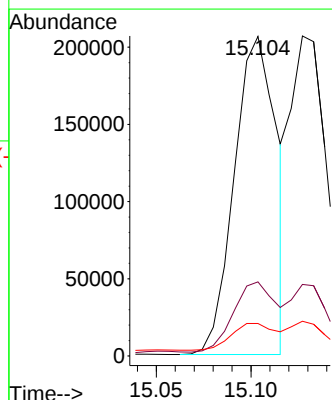
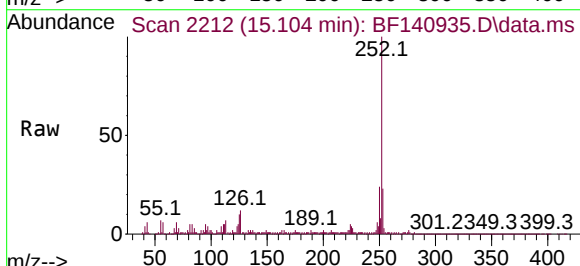
Tgt Ion:252 Resp: 319403

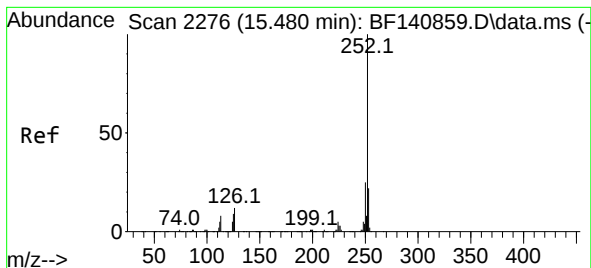
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 10.2 6.8 10.2





#90

Benzo(a)pyrene

Concen: 50.495 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS

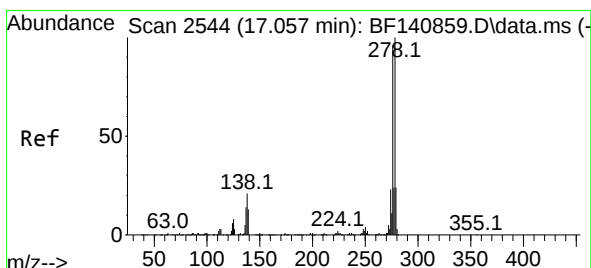
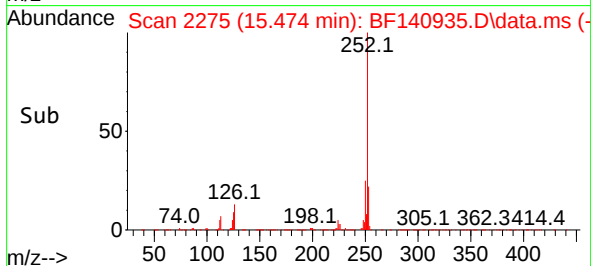
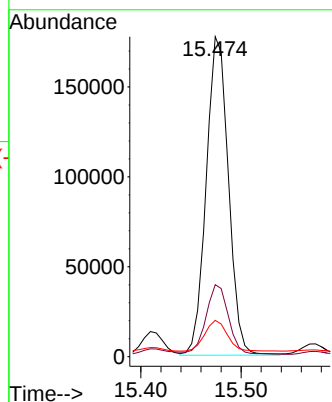
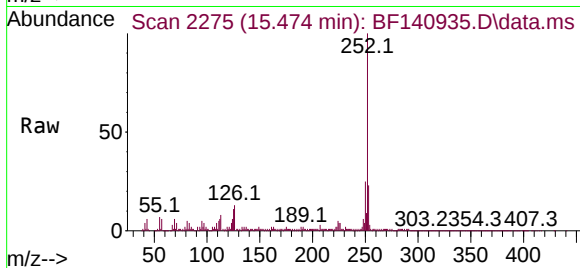
Tgt Ion:252 Resp: 273248

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 11.3 7.5 11.3#



#91

Dibenzo(a,h)anthracene

Concen: 47.624 ng

RT: 17.056 min Scan# 2544

Delta R.T. -0.000 min

Lab File: BF140935.D

Acq: 19 Dec 2024 19:08

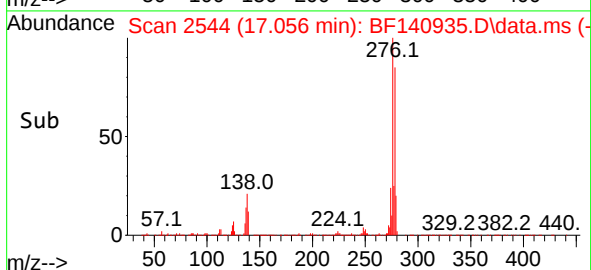
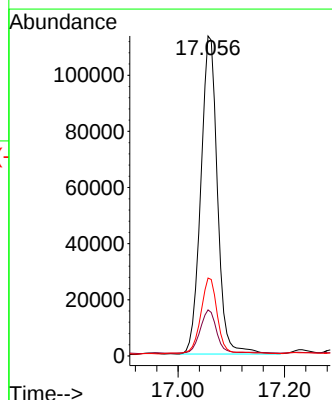
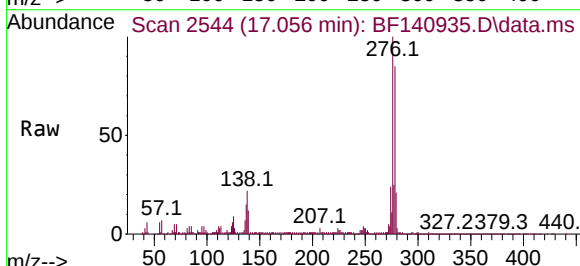
Tgt Ion:278 Resp: 245120

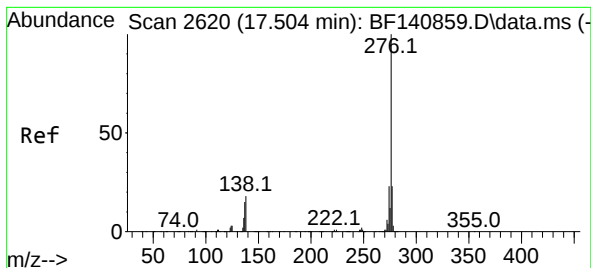
Ion Ratio Lower Upper

278 100

139 14.4 10.6 16.0

279 24.3 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 45.578 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140935.D

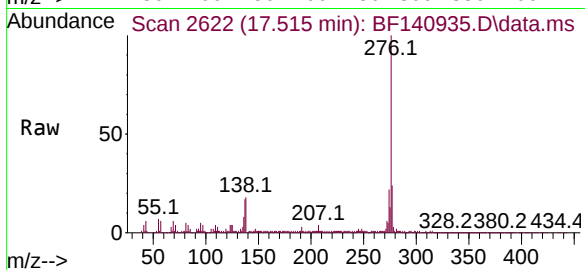
Acq: 19 Dec 2024 19:08

Instrument :

BNA_F

ClientSampleId :

HR-04-121624MS



Tgt Ion:276 Resp: 238757

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.1 14.2 21.2

