

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140385.D
 Acq On : 15 Nov 2024 01:24
 Operator : RC/JU
 Sample : P4807-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14MSD

Quant Time: Nov 15 02:37:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	119586	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	425160	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	198347	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	314849	20.000	ng	0.00
76) Chrysene-d12	14.051	240	183952	20.000	ng	0.00
86) Perylene-d12	15.533	264	145058	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	695829	99.347	ng	0.03
7) Phenol-d6	6.528	99	921354	97.093	ng	0.02
23) Nitrobenzene-d5	7.440	82	567554	69.553	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	184263	93.420	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	971805	78.762	ng	0.00
79) Terphenyl-d14	12.986	244	829984	78.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	157611	50.489	ng	98
3) Pyridine	3.475	79	394322	51.382	ng	98
4) n-Nitrosodimethylamine	3.434	42	207082	53.390	ng	98
6) Aniline	6.546	93	171852	20.818	ng	# 1
8) 2-Chlorophenol	6.675	128	402332	53.476	ng	97
9) Benzaldehyde	6.428	77	51146	8.993	ng	98
10) Phenol	6.546	94	503686	50.332	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	407240	53.708	ng	99
12) 1,3-Dichlorobenzene	6.822	146	422972	50.953	ng	99
13) 1,4-Dichlorobenzene	6.898	146	424354	50.415	ng	98
14) 1,2-Dichlorobenzene	7.045	146	401140	51.335	ng	98
15) Benzyl Alcohol	7.028	79	364210	53.272	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	514388	49.113	ng	# 31
17) 2-Methylphenol	7.145	107	307308	49.652	ng	# 86
18) Hexachloroethane	7.387	117	129764	41.701	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	292499	51.036	ng	99
20) 3+4-Methylphenols	7.298	107	418488	54.067	ng	# 77
22) Acetophenone	7.287	105	546994	55.317	ng	94
24) Nitrobenzene	7.457	77	439091	51.682	ng	99
25) Isophorone	7.698	82	772931	53.446	ng	100
26) 2-Nitrophenol	7.775	139	203268	53.915	ng	98
27) 2,4-Dimethylphenol	7.822	122	294340	60.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	474635	53.524	ng	100
29) 2,4-Dichlorophenol	8.028	162	314657	52.748	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	334563	50.376	ng	100
31) Naphthalene	8.181	128	1117411	51.810	ng	100
32) Benzoic acid	7.940	122	188089	44.285	ng	97
33) 4-Chloroaniline	8.234	127	77798	10.372	ng	99
34) Hexachlorobutadiene	8.292	225	217257	51.343	ng	99
35) Caprolactam	8.598	113	98119	49.489	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	319997	48.406	ng	99
37) 2-Methylnaphthalene	8.875	142	691501	50.002	ng	100
38) 1-Methylnaphthalene	8.969	142	638495	47.148	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	325461	59.337	ng	100
41) Hexachlorocyclopentadiene	9.022	237	44040	31.272	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	205181	57.002	ng	98

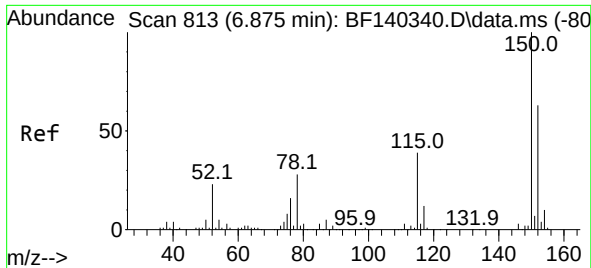
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	208773	53.049	ng	97
46) 1,1'-Biphenyl	9.334	154	828132	57.391	ng	99
47) 2-Chloronaphthalene	9.363	162	608897	55.395	ng	99
48) 2-Nitroaniline	9.463	65	197129	54.076	ng	99
49) Acenaphthylene	9.781	152	943740	56.746	ng	99
50) Dimethylphthalate	9.634	163	743465	57.506	ng	100
51) 2,6-Dinitrotoluene	9.698	165	150527	51.072	ng	99
52) Acenaphthene	9.951	154	579281	51.571	ng	100
53) 3-Nitroaniline	9.869	138	94897	30.658	ng	99
54) 2,4-Dinitrophenol	9.981	184	33562	22.082	ng	96
55) Dibenzofuran	10.122	168	829627	52.173	ng	100
56) 4-Nitrophenol	10.051	139	201689	89.332	ng	99
57) 2,4-Dinitrotoluene	10.104	165	187272	48.278	ng	98
58) Fluorene	10.463	166	627627	49.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	156307	50.301	ng	98
60) Diethylphthalate	10.334	149	704674	53.304	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	315126	50.813	ng	98
62) 4-Nitroaniline	10.486	138	116065	36.673	ng	96
63) Azobenzene	10.616	77	693248	53.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	31615	18.663	ng	95
66) n-Nitrosodiphenylamine	10.575	169	541221	59.494	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	175902	55.890	ng	99
68) Hexachlorobenzene	11.016	284	190682	53.848	ng	97
69) Atrazine	11.104	200	165030	59.961	ng	98
70) Pentachlorophenol	11.216	266	191382	100.332	ng	99
71) Phenanthrene	11.428	178	823721	55.694	ng	100
72) Anthracene	11.480	178	832107	57.405	ng	99
73) Carbazole	11.639	167	764193	53.393	ng	100
74) Di-n-butylphthalate	11.963	149	954091	55.540	ng	100
75) Fluoranthene	12.622	202	886665	53.435	ng	100
77) Benzidine	12.745	184	340456	48.222	ng	99
78) Pyrene	12.851	202	907073	57.648	ng	100
80) Butylbenzylphthalate	13.463	149	380929	63.021	ng	99
81) Benzo(a)anthracene	14.039	228	667728	55.231	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	189085	49.206	ng	99
83) Chrysene	14.074	228	617595	55.988	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	506664	62.799	ng	100
85) Di-n-octyl phthalate	14.639	149	738703	65.010	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	488769	54.546	ng	100
88) Benzo(b)fluoranthene	15.098	252	524082	55.231	ng	100
89) Benzo(k)fluoranthene	15.127	252	417397	53.845	ng	99
90) Benzo(a)pyrene	15.474	252	428646	58.170	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	408576	55.162	ng	100
92) Benzo(g,h,i)perylene	17.498	276	364424	48.127	ng	99

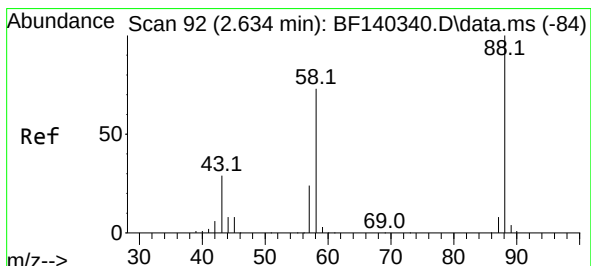
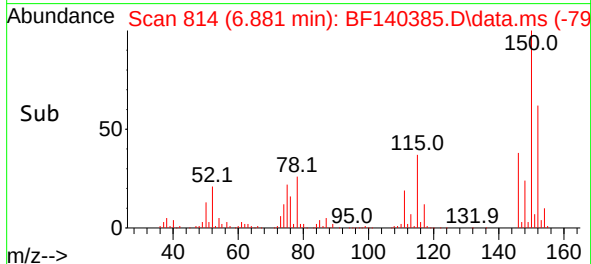
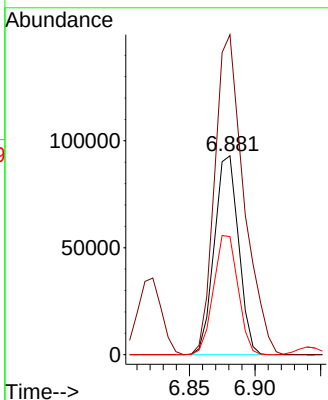
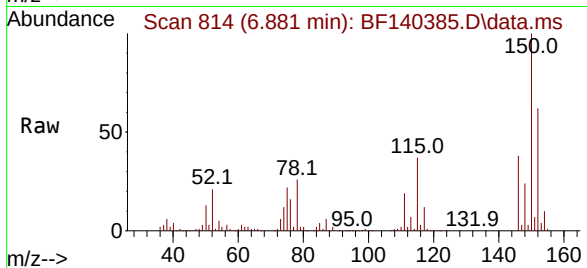
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140385.D
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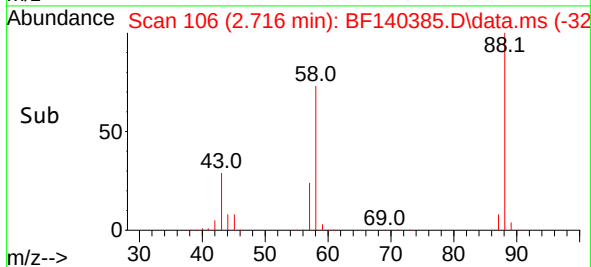
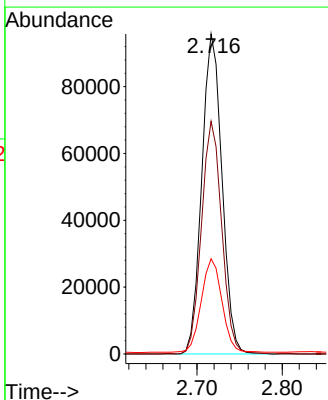
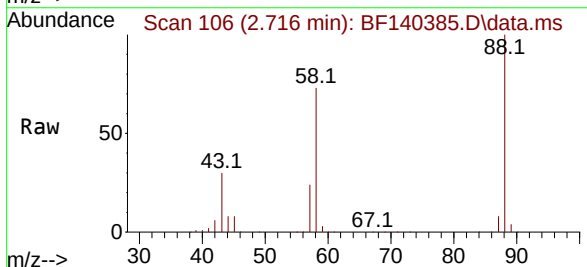
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

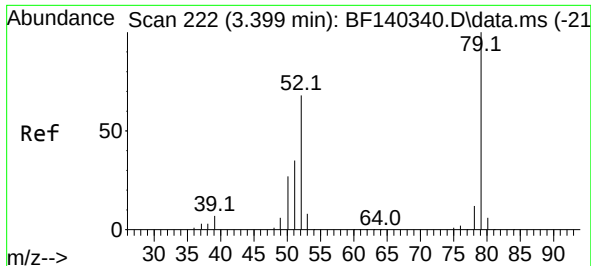
Tgt Ion:152 Resp: 119586
Ion Ratio Lower Upper
152 100
150 160.9 127.4 191.0
115 59.3 47.4 71.2



#2
1,4-Dioxane
Concen: 50.489 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.082 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion: 88 Resp: 157611
Ion Ratio Lower Upper
88 100
58 73.0 59.5 89.3
43 30.1 23.4 35.2





#3

Pyridine

Concen: 51.382 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

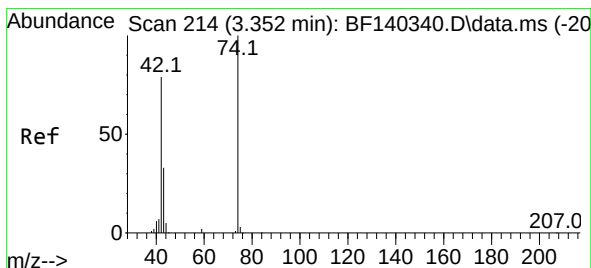
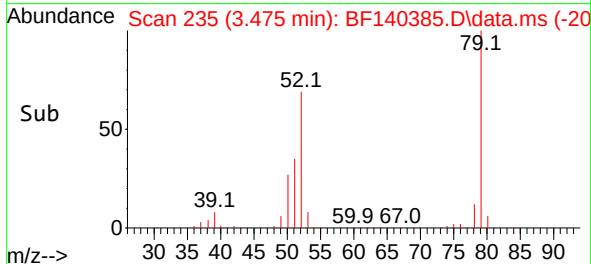
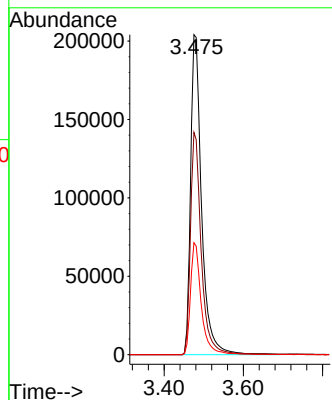
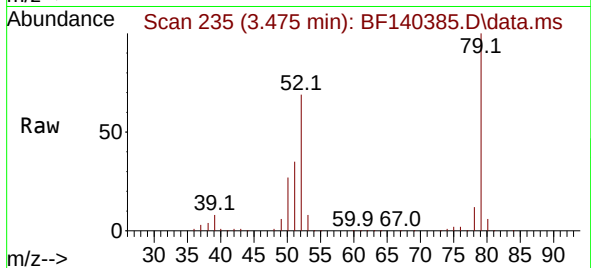
Tgt Ion: 79 Resp: 394322

Ion Ratio Lower Upper

79 100

52 69.4 53.8 80.6

51 35.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 53.390 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.076 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

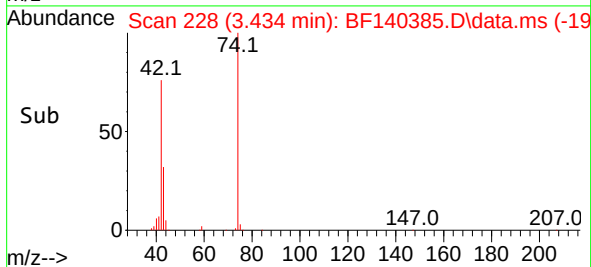
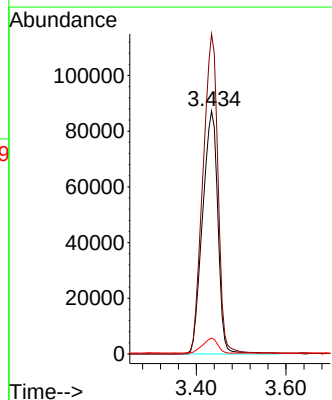
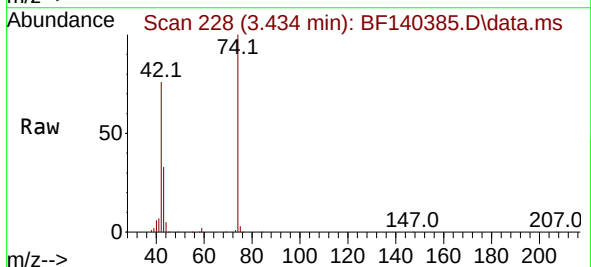
Tgt Ion: 42 Resp: 207082

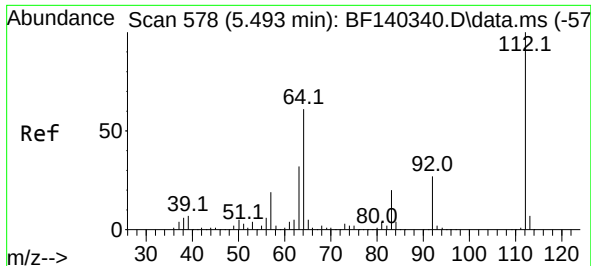
Ion Ratio Lower Upper

42 100

74 131.7 103.5 155.3

44 6.5 5.1 7.7

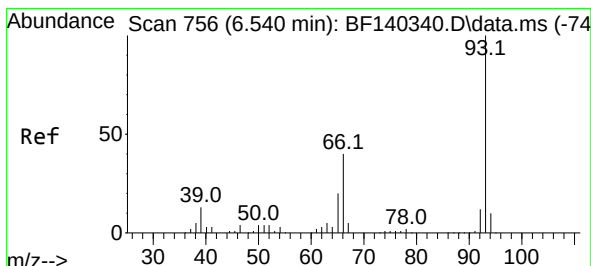
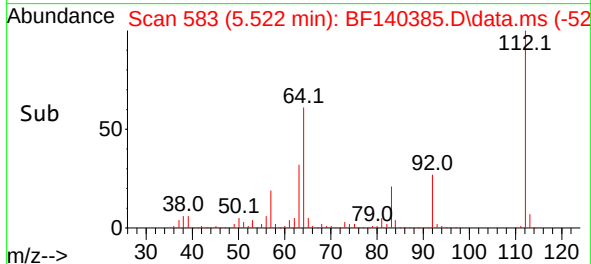
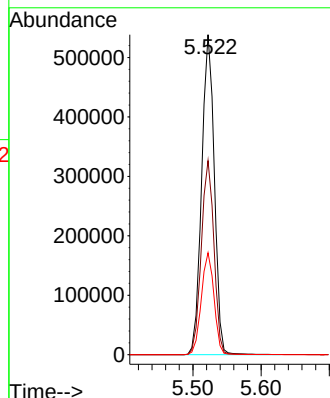
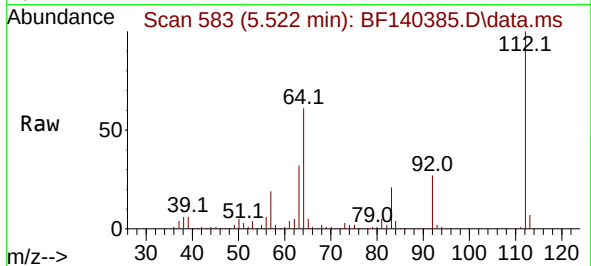




#5
2-Fluorophenol
Concen: 99.347 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

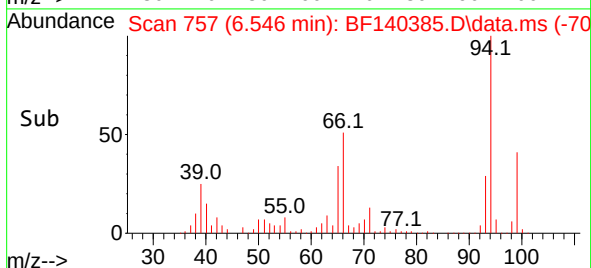
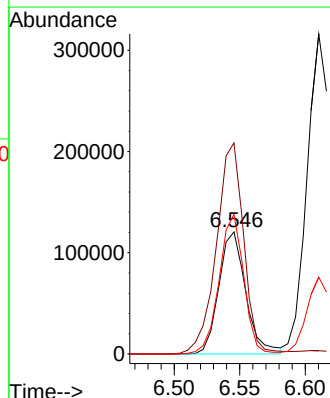
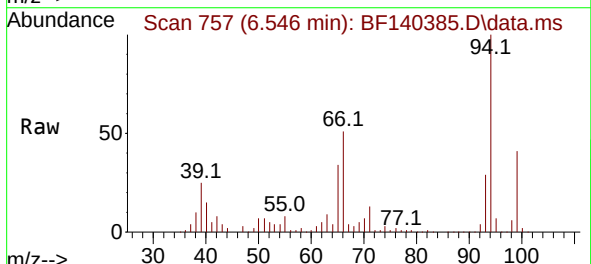
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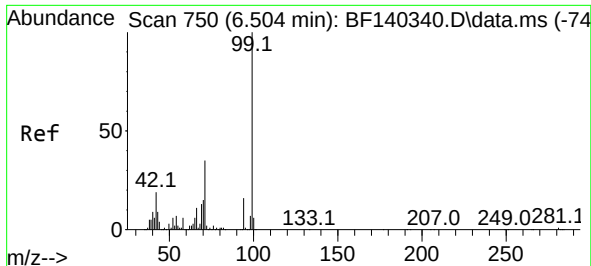
Tgt Ion:112 Resp: 695829
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.9 25.6 38.4



#6
Aniline
Concen: 20.818 ng
RT: 6.546 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion: 93 Resp: 171852
Ion Ratio Lower Upper
93 100
66 172.9 32.8 49.2#
65 114.3 16.6 25.0#





#7

Phenol-d6

Concen: 97.093 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.024 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

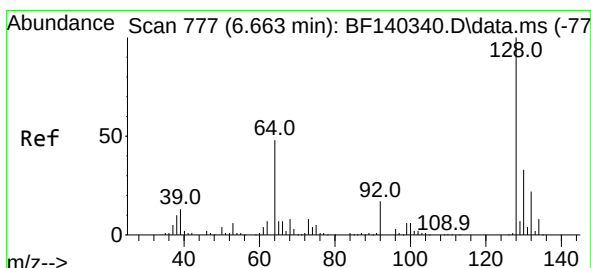
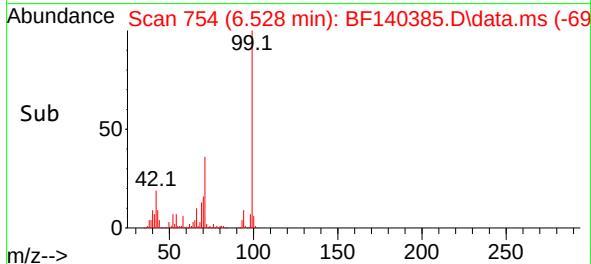
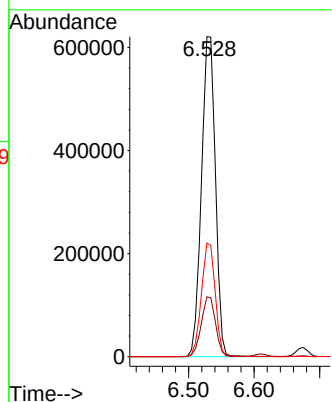
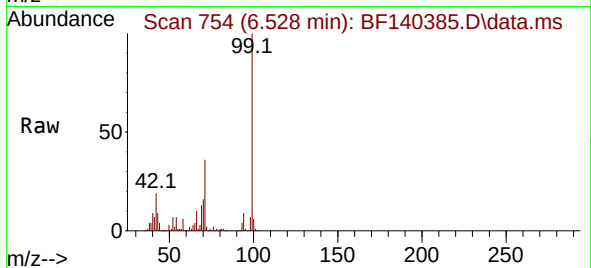
Tgt Ion: 99 Resp: 921354

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.5 27.9 41.9



#8

2-Chlorophenol

Concen: 53.476 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

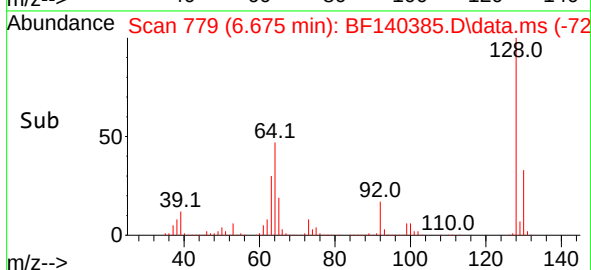
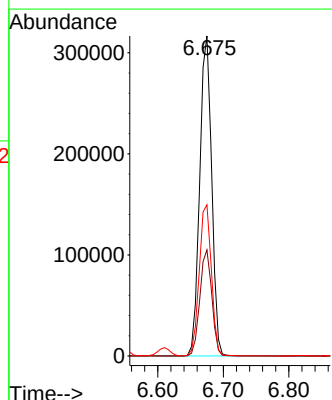
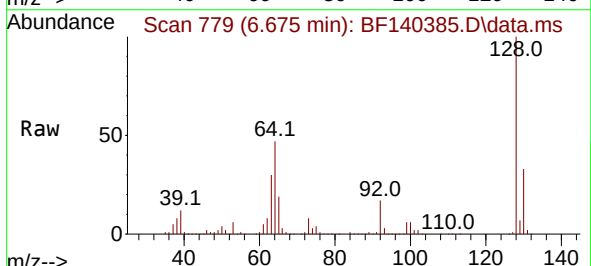
Tgt Ion:128 Resp: 402332

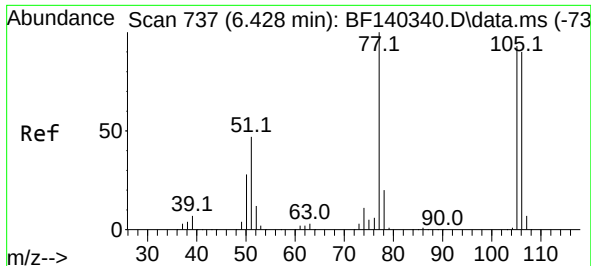
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 47.3 30.2 70.2





#9

Benzaldehyde

Concen: 8.993 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

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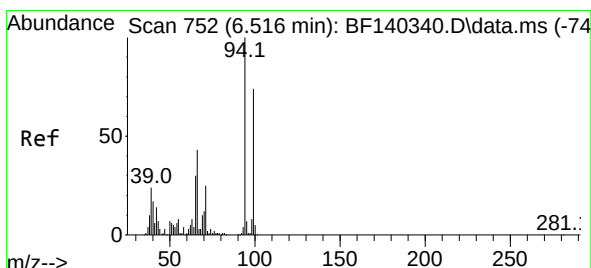
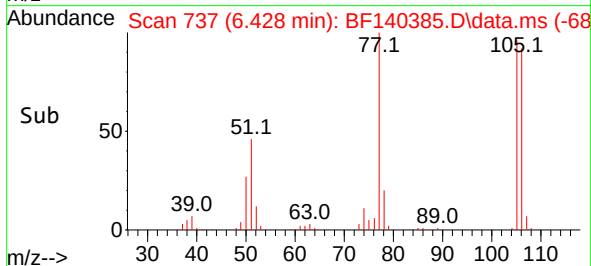
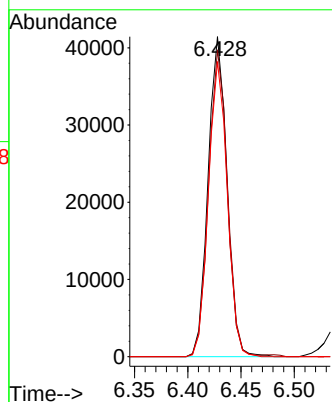
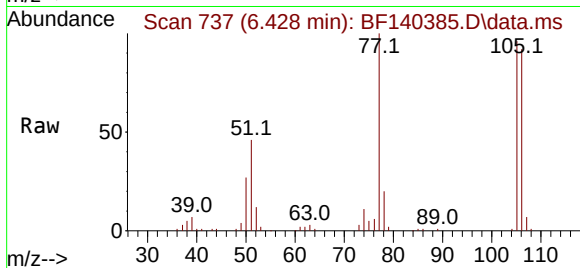
Tgt Ion: 77 Resp: 51146

Ion Ratio Lower Upper

77 100

105 95.9 74.4 114.4

106 92.2 69.9 109.9



#10

Phenol

Concen: 50.332 ng

RT: 6.546 min Scan# 757

Delta R.T. 0.024 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

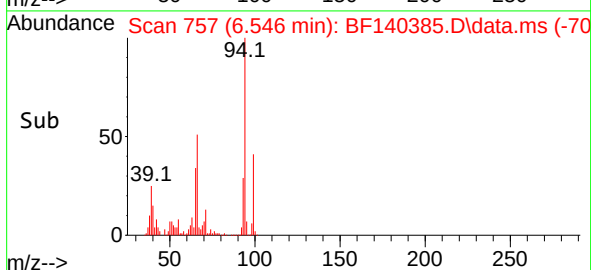
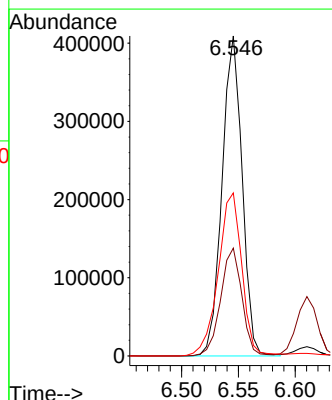
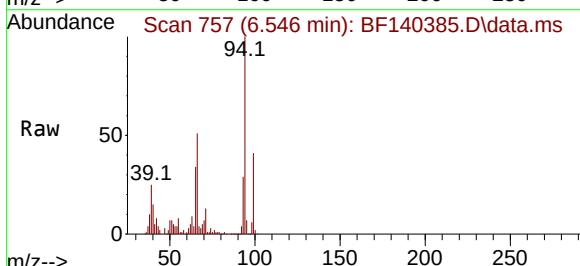
Tgt Ion: 94 Resp: 503686

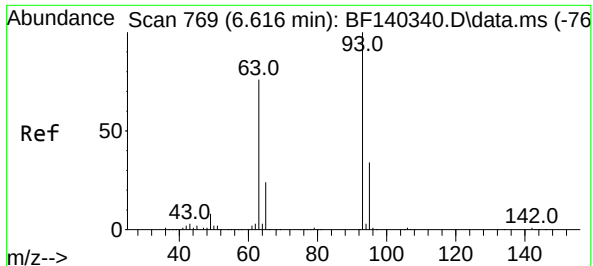
Ion Ratio Lower Upper

94 100

65 33.7 10.4 50.4

66 50.9 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 53.708 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

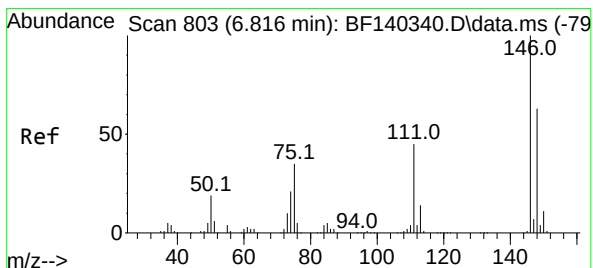
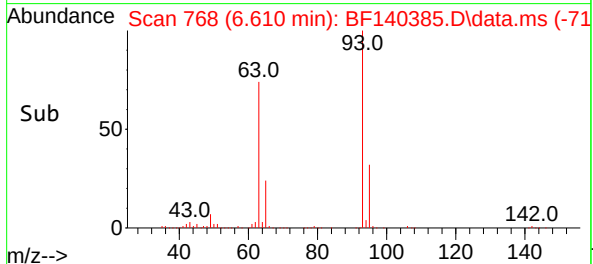
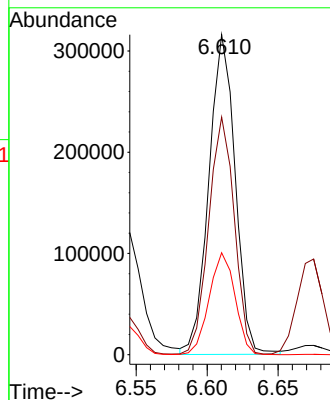
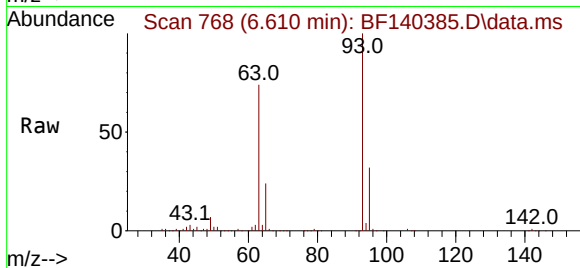
Tgt Ion: 93 Resp: 407240

Ion Ratio Lower Upper

93 100

63 74.2 54.0 94.0

95 31.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 50.953 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

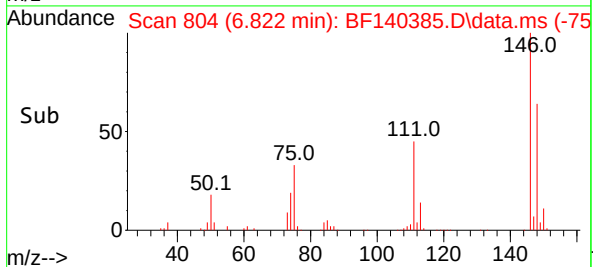
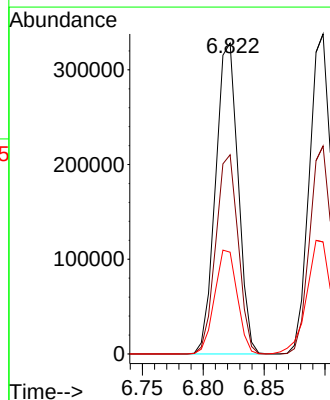
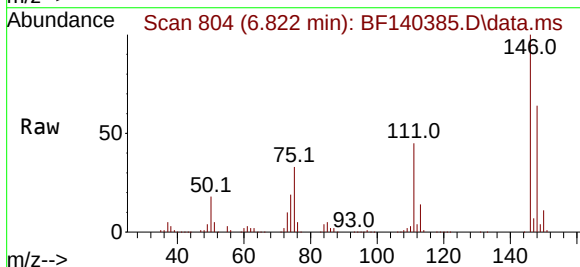
Tgt Ion:146 Resp: 422972

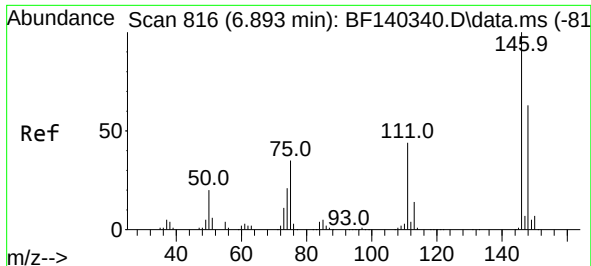
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

75 32.7 26.4 39.6

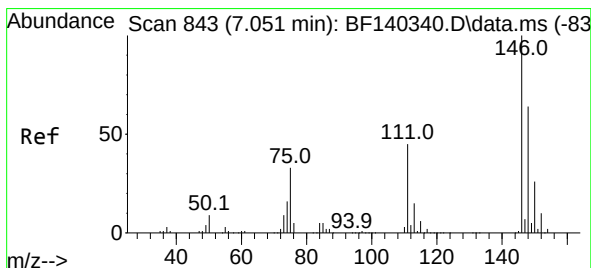
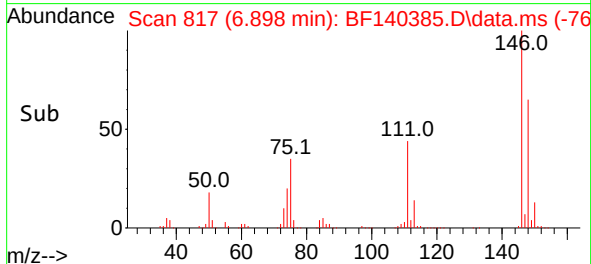
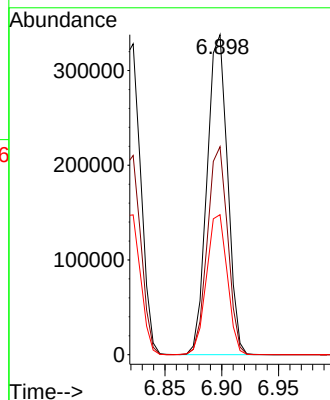
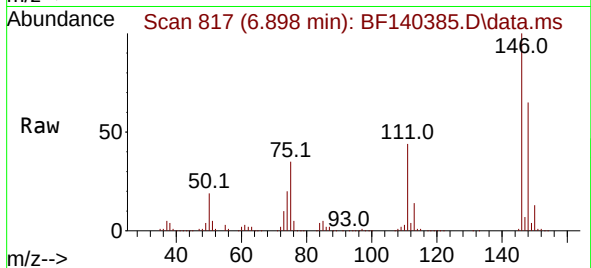




#13
1,4-Dichlorobenzene
Concen: 50.415 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

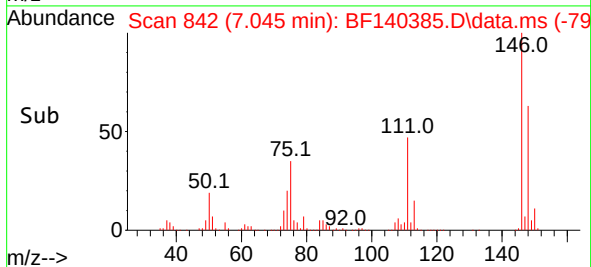
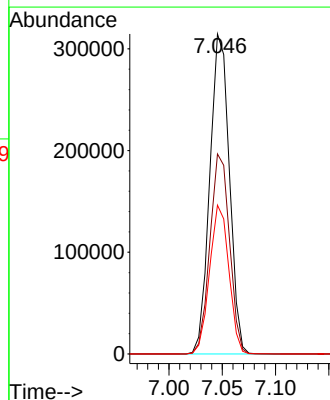
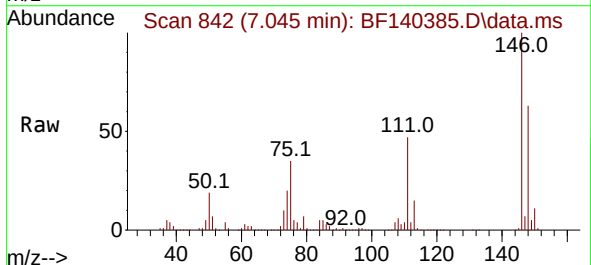
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

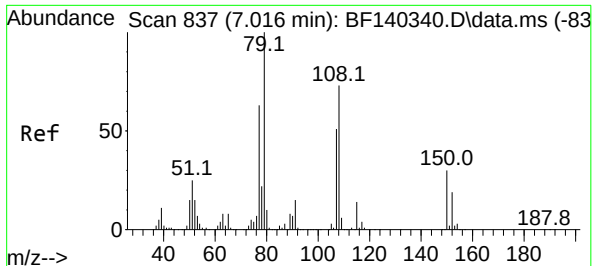
Tgt Ion:146 Resp: 424354
Ion Ratio Lower Upper
146 100
148 65.0 50.8 76.2
111 43.7 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 51.335 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:146 Resp: 401140
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 46.5 36.5 54.7

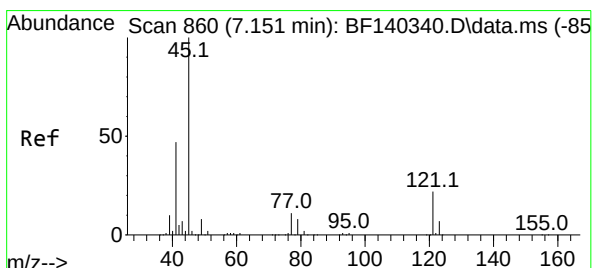
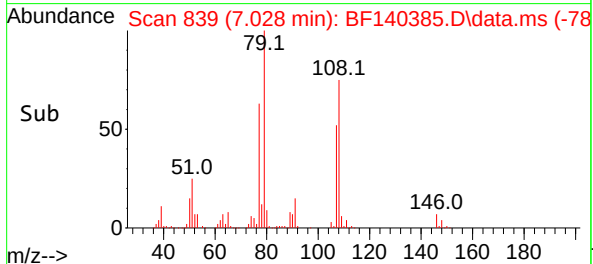
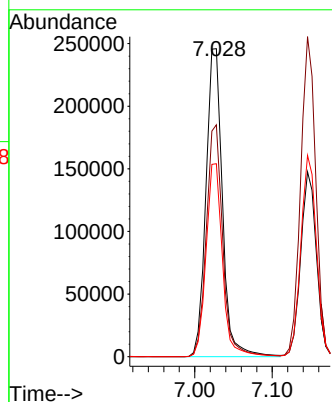
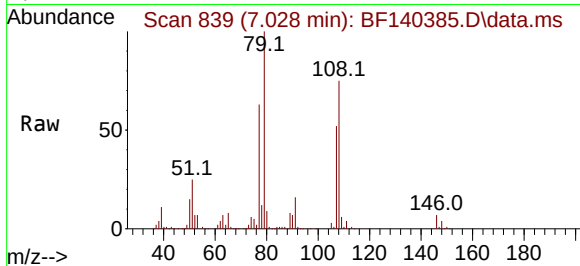




#15
Benzyl Alcohol
Concen: 53.272 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

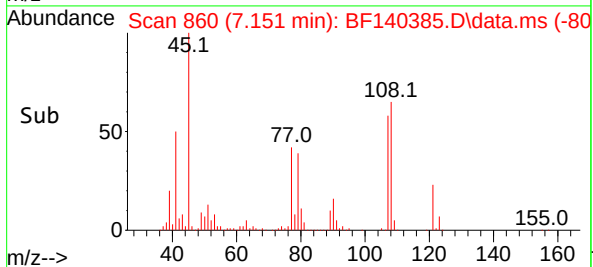
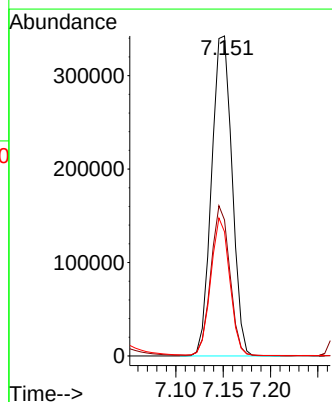
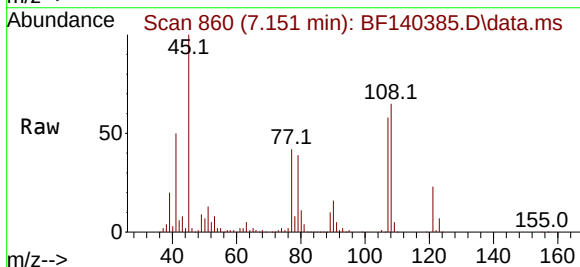
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

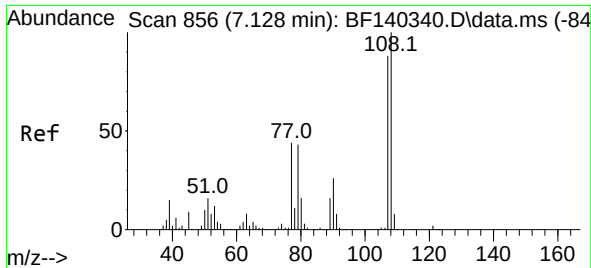
Tgt Ion: 79 Resp: 364210
Ion Ratio Lower Upper
79 100
108 75.3 57.8 86.6
77 62.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.113 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion: 45 Resp: 514388
Ion Ratio Lower Upper
45 100
77 42.5 0.0 34.8#
79 38.8 0.0 31.4#

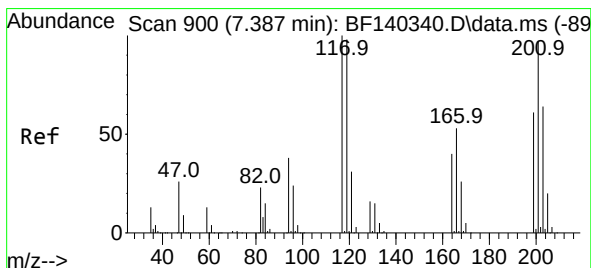
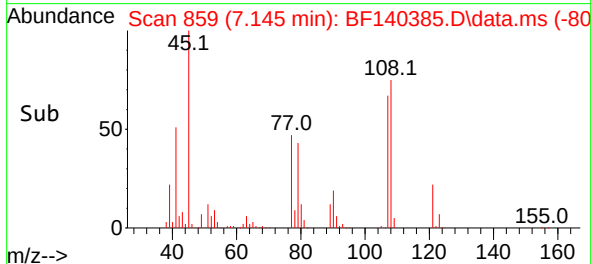
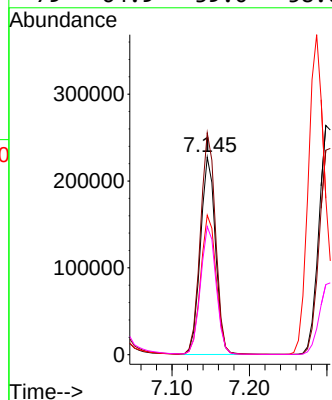
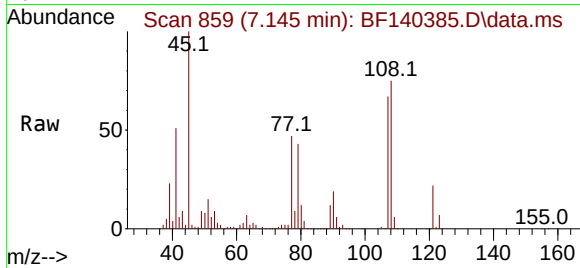




#17
2-Methylphenol
Concen: 49.652 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

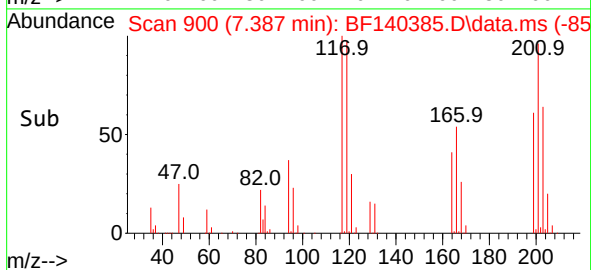
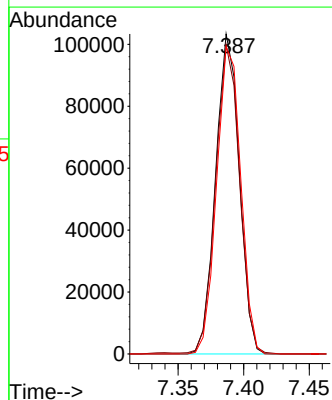
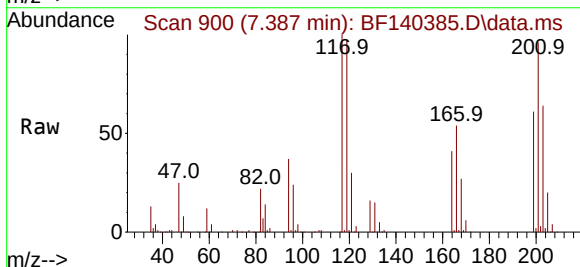
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

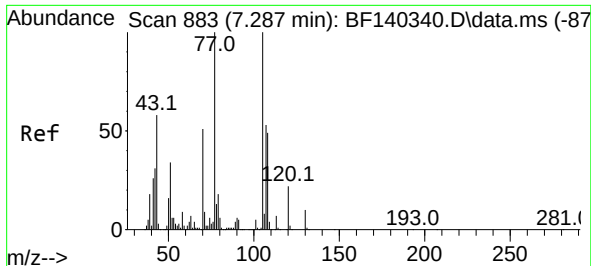
Tgt Ion:107 Resp: 307308
Ion Ratio Lower Upper
107 100
108 112.3 91.9 137.9
77 70.6 39.7 59.5#
79 64.9 39.0 58.6#



#18
Hexachloroethane
Concen: 41.701 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:117 Resp: 129764
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3
201 96.0 80.2 120.4



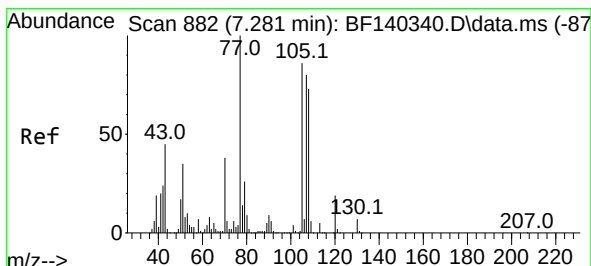
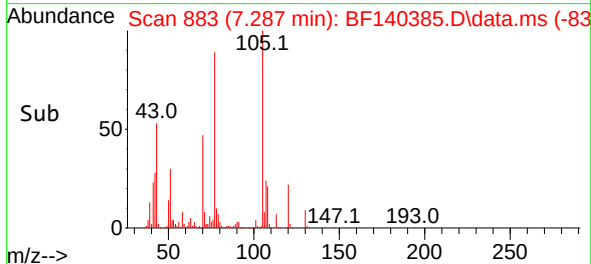
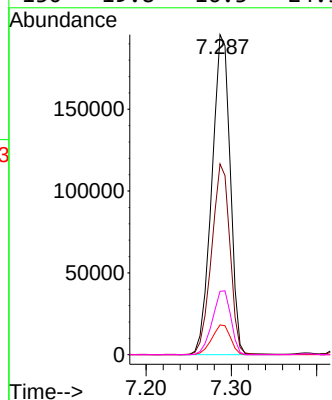
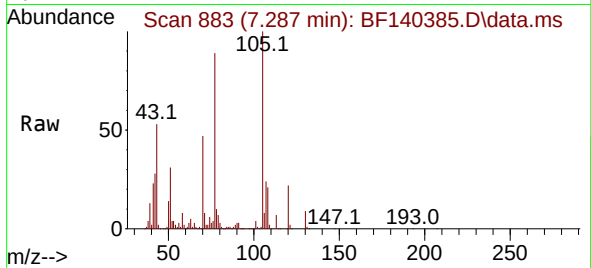


#19
n-Nitroso-di-n-propylamine
Concen: 51.036 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

Tgt Ion: 70 Resp: 292499

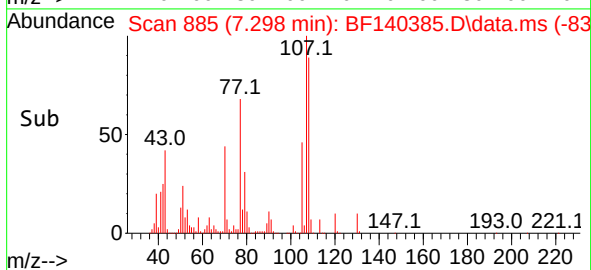
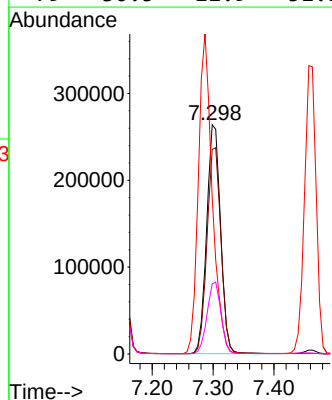
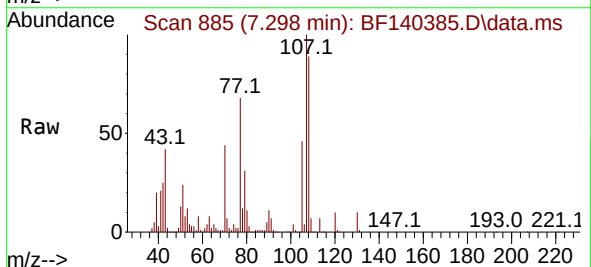
Ion	Ratio	Lower	Upper
70	100		
42	59.6	46.8	70.2
101	9.3	7.5	11.3
130	19.8	16.3	24.5

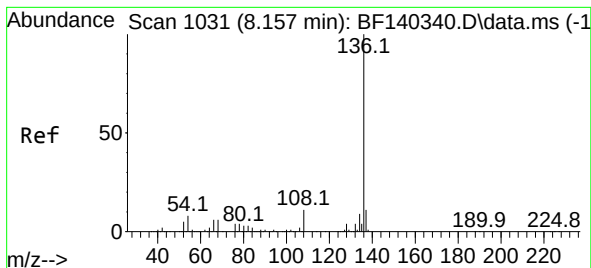


#20
3+4-Methylphenols
Concen: 54.067 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.018 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion: 107 Resp: 418488

Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.4	111.4
77	68.3	97.0	137.0#
79	30.5	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

Tgt Ion:136 Resp: 425160

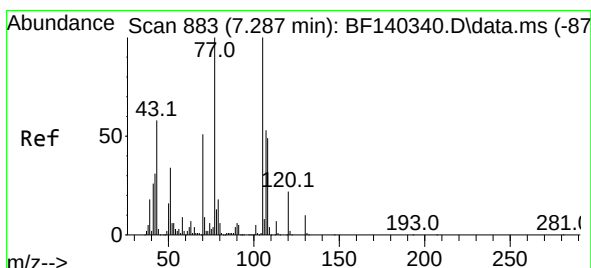
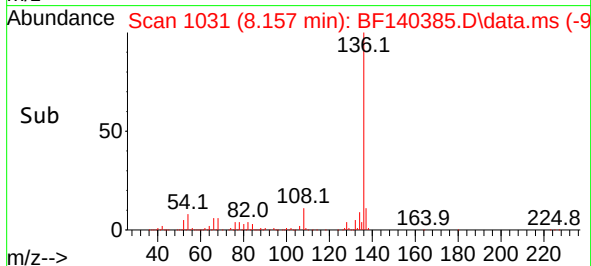
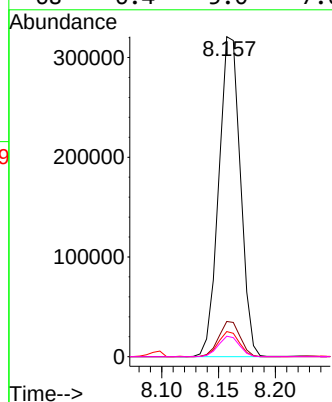
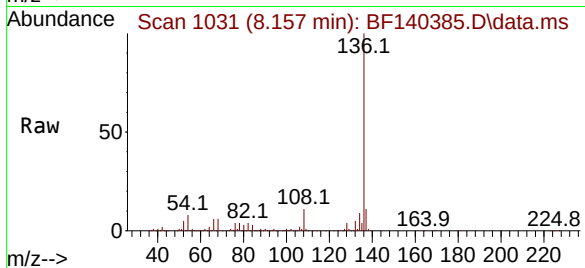
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 6.5 9.7

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 55.317 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Tgt Ion:105 Resp: 546994

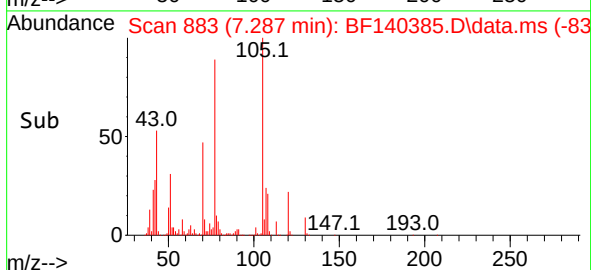
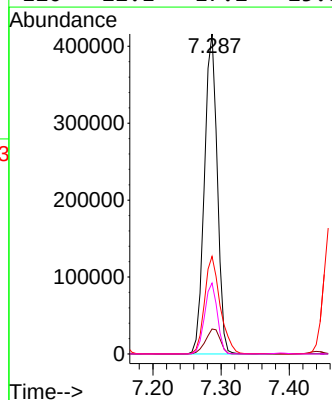
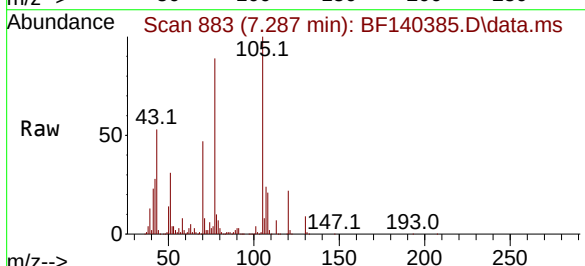
Ion Ratio Lower Upper

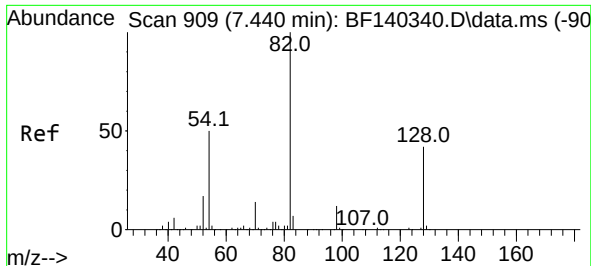
105 100

71 7.8 6.9 10.3

51 30.5 28.6 43.0

120 22.1 17.2 25.8





#23

Nitrobenzene-d5

Concen: 69.553 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

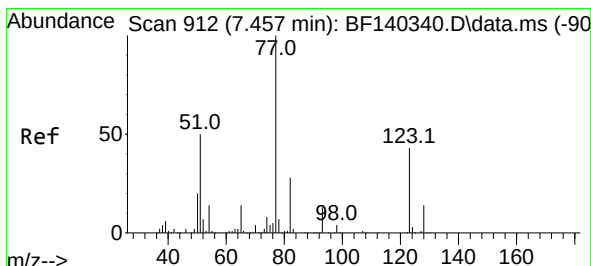
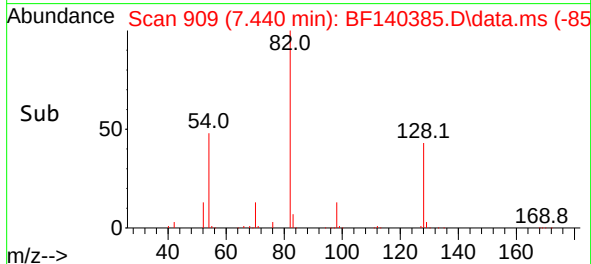
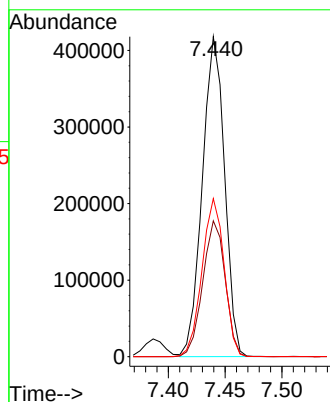
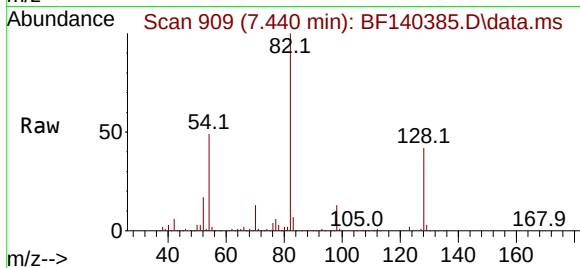
BNA_F

ClientSampleId :

BF-F14MSD

Tgt Ion: 82 Resp: 567554

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	49.4	39.8	59.8



#24

Nitrobenzene

Concen: 51.682 ng

RT: 7.457 min Scan# 912

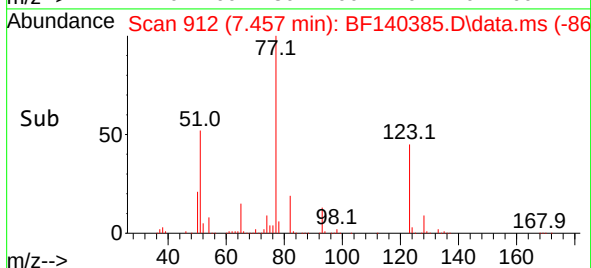
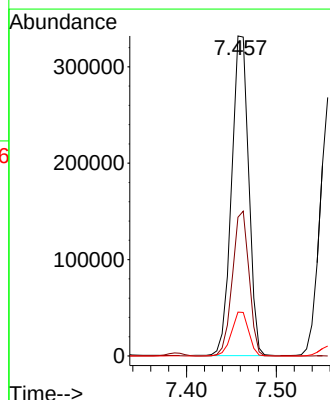
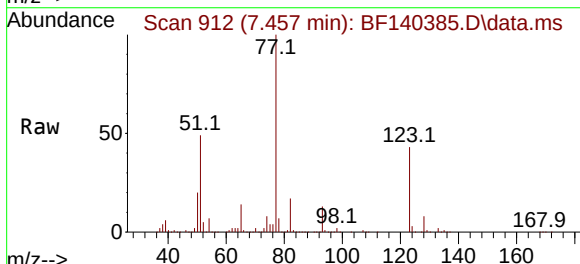
Delta R.T. -0.006 min

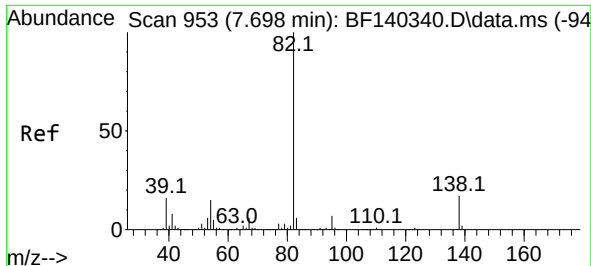
Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Tgt Ion: 77 Resp: 439091

Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.4	53.0
65	13.7	11.1	16.7

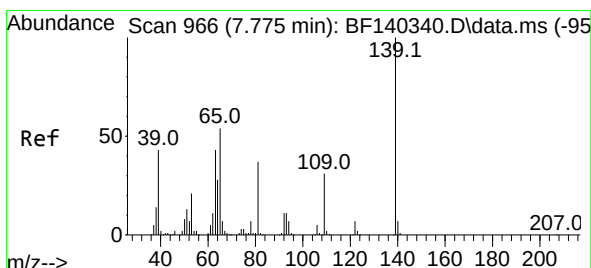
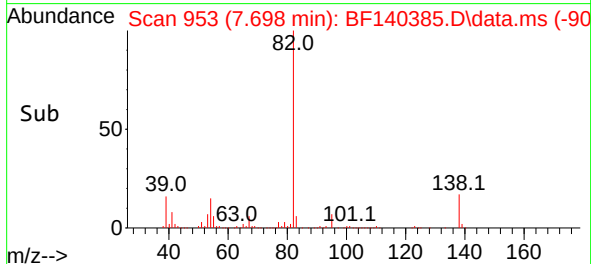
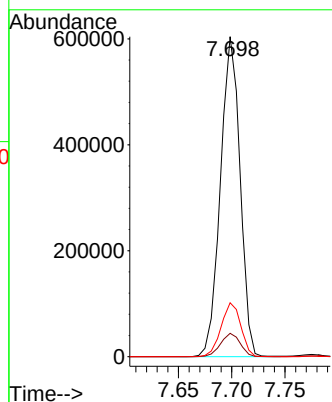
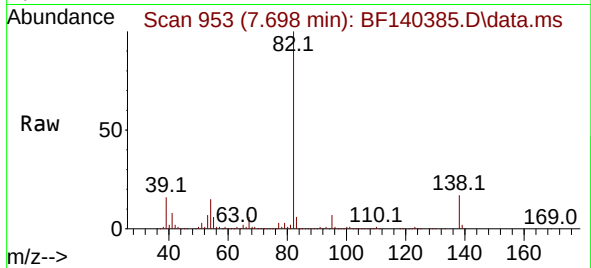




#25
Isophorone
Concen: 53.446 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

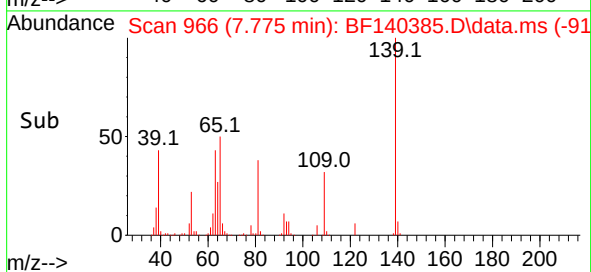
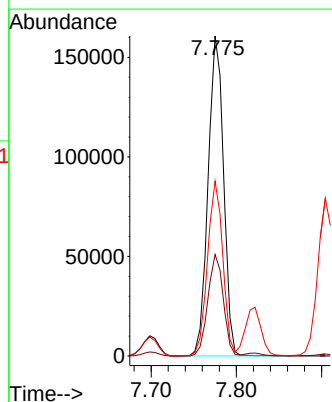
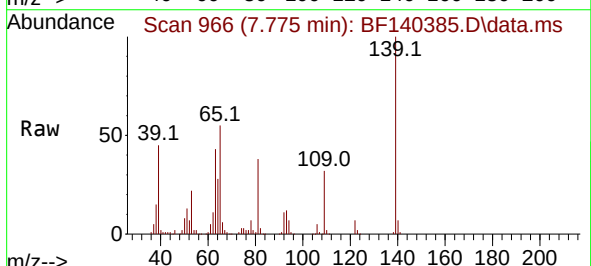
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

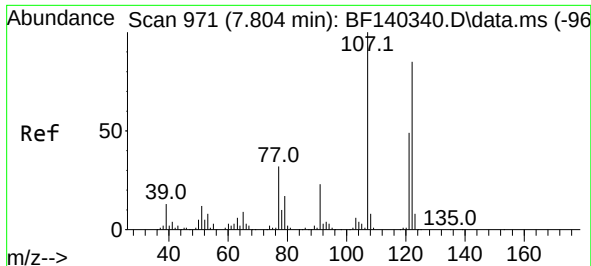
Tgt Ion: 82 Resp: 772931
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 53.915 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:139 Resp: 203268
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 54.6 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 60.981 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

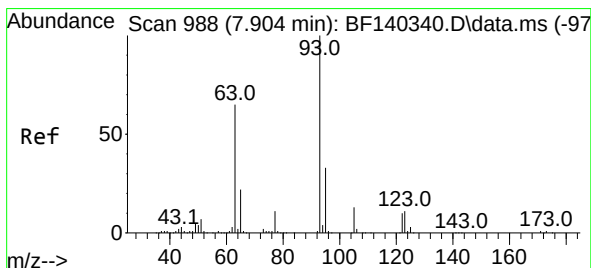
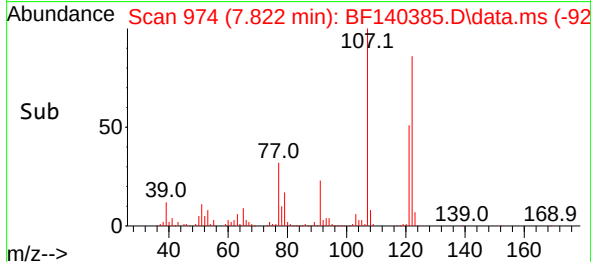
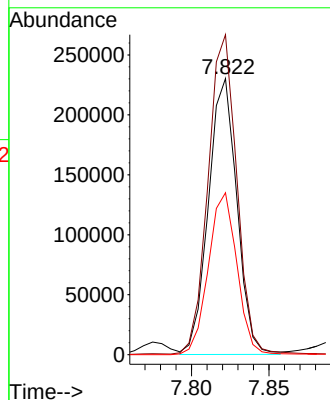
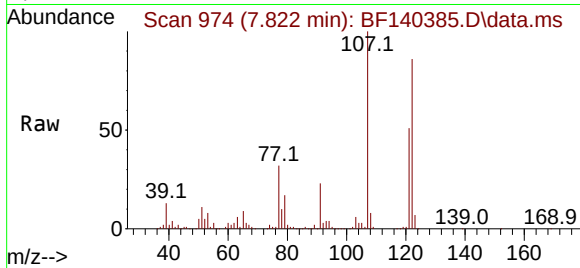
Tgt Ion:122 Resp: 294340

Ion Ratio Lower Upper

122 100

107 115.9 91.3 136.9

121 58.6 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 53.524 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

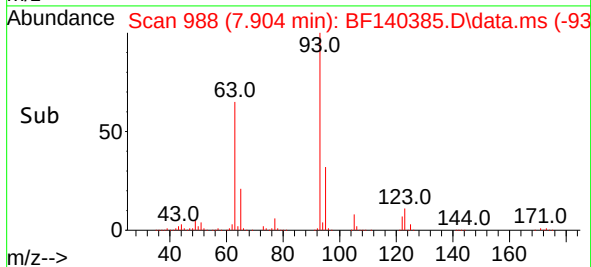
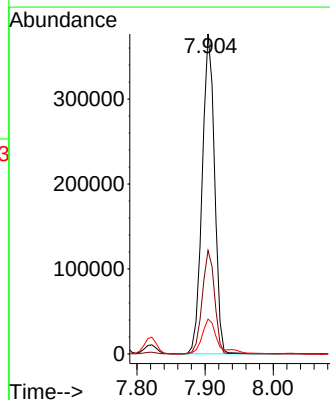
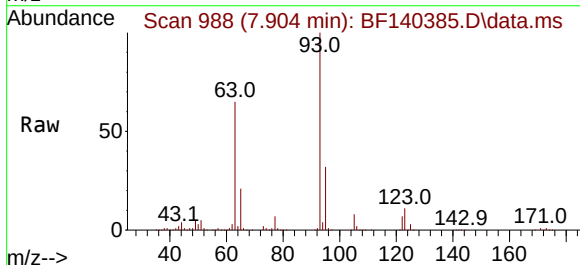
Tgt Ion: 93 Resp: 474635

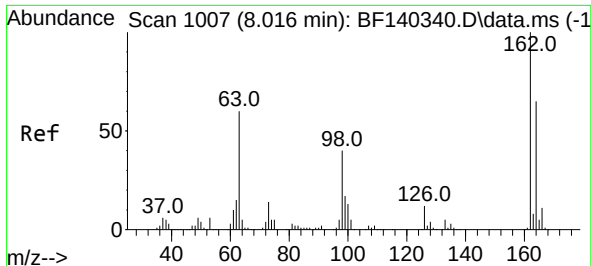
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.748 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

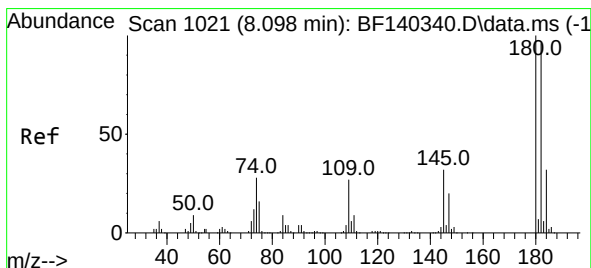
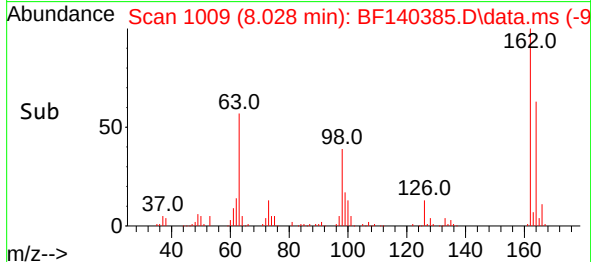
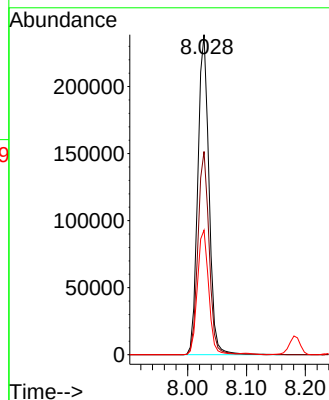
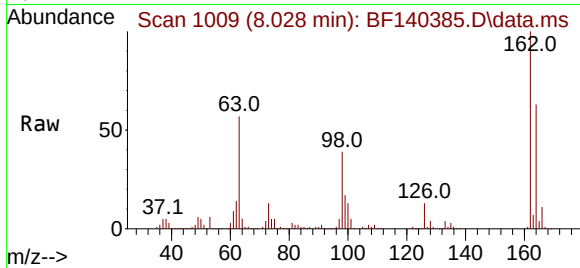
Tgt Ion:162 Resp: 314657

Ion Ratio Lower Upper

162 100

164 63.5 45.4 85.4

98 38.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 50.376 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

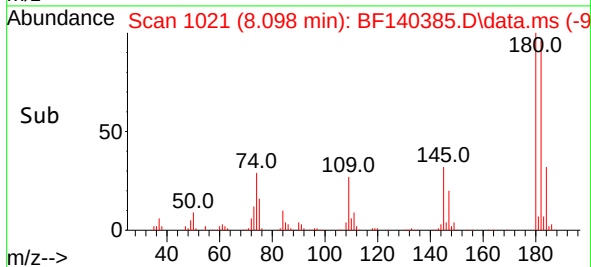
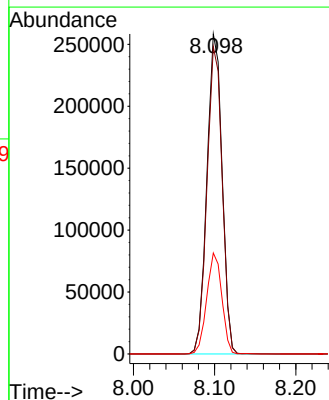
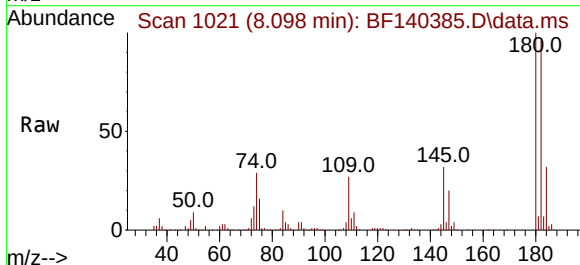
Tgt Ion:180 Resp: 334563

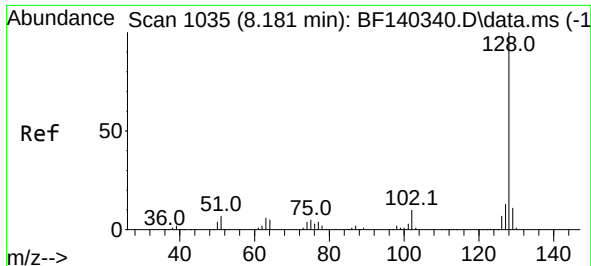
Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

145 31.5 25.3 37.9

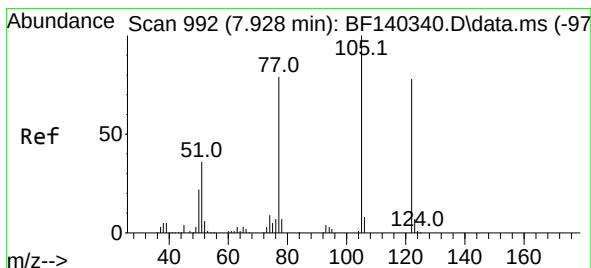
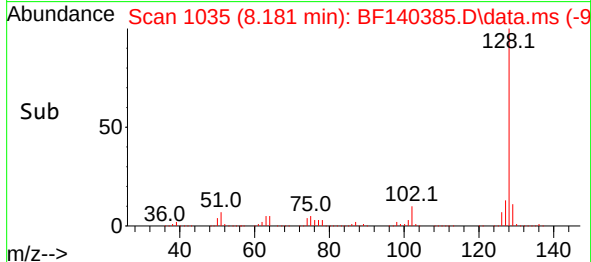
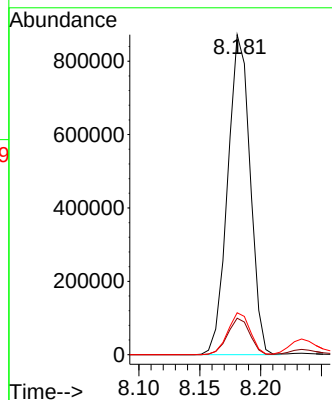
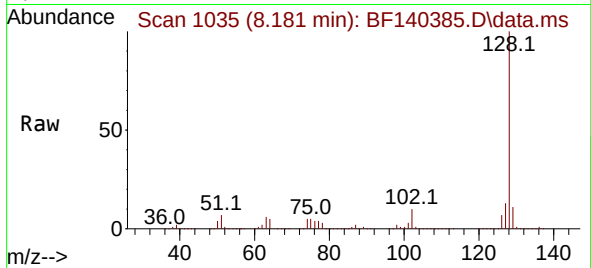




#31
Naphthalene
Concen: 51.810 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

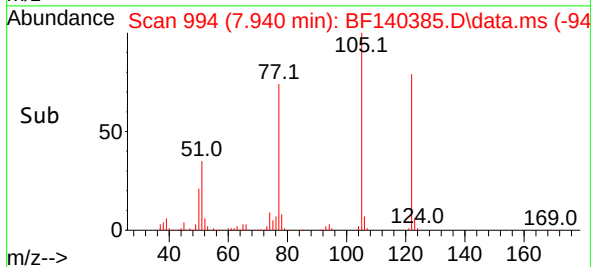
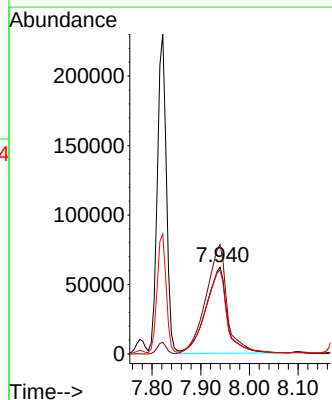
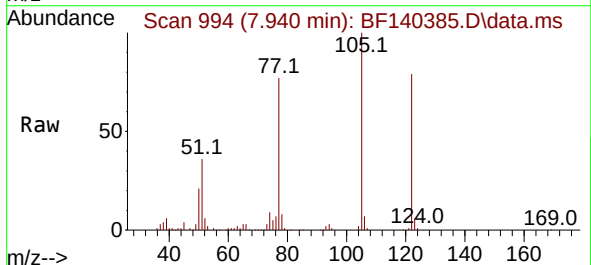
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

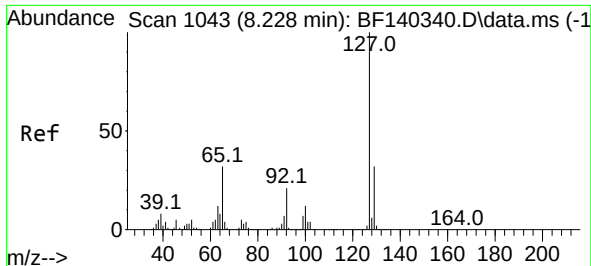
Tgt Ion:128 Resp: 1117411
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 44.285 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:122 Resp: 188089
Ion Ratio Lower Upper
122 100
105 126.1 100.9 140.9
77 97.0 76.0 116.0

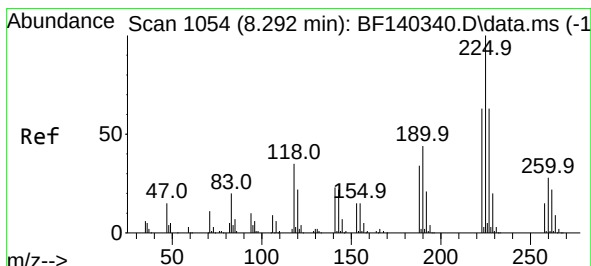
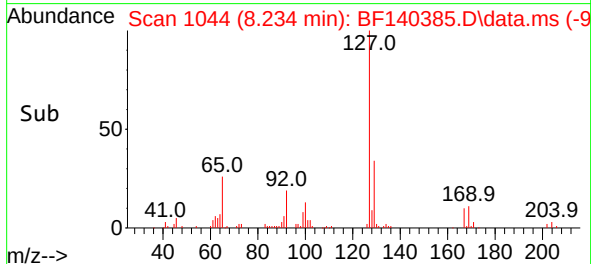
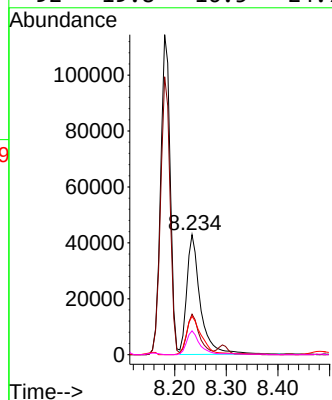
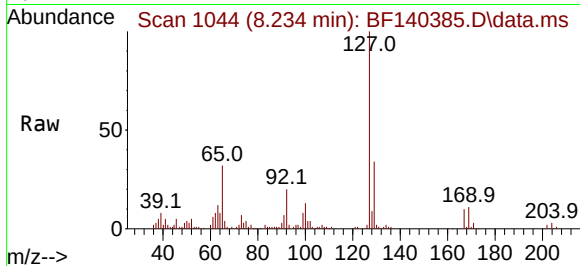




#33
4-Chloroaniline
Concen: 10.372 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

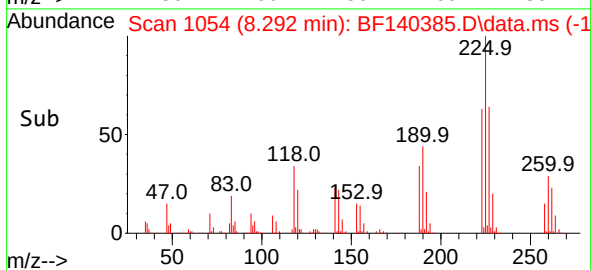
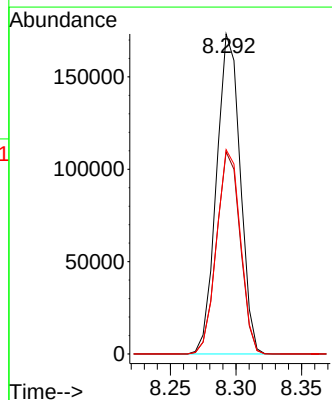
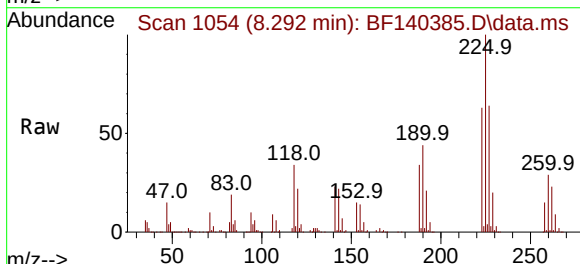
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

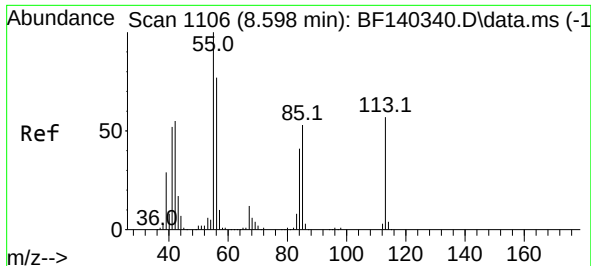
Tgt Ion:	127	Resp:	77798
Ion Ratio	Lower	Upper	
127	100		
129	33.8	26.2	39.4
65	32.0	25.8	38.6
92	19.8	16.5	24.7



#34
Hexachlorobutadiene
Concen: 51.343 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:	225	Resp:	217257
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.1	75.1
227	63.9	51.3	76.9

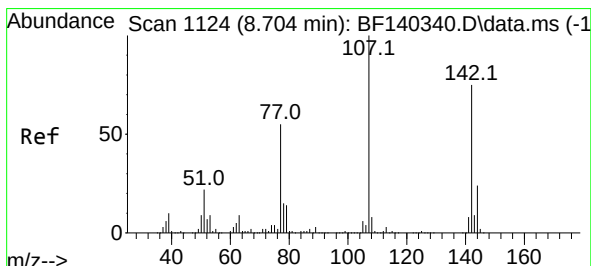
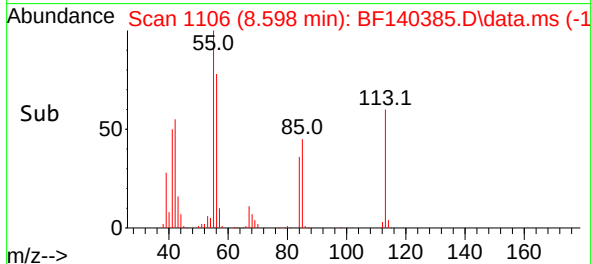
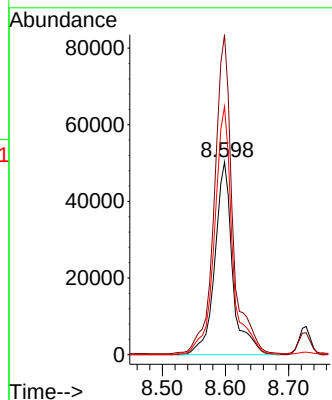
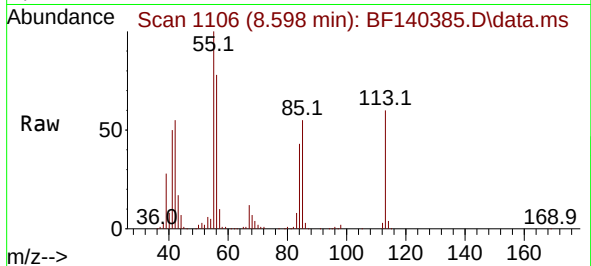




#35
 Caprolactam
 Concen: 49.489 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF140385.D
 Acq: 15 Nov 2024 01:24

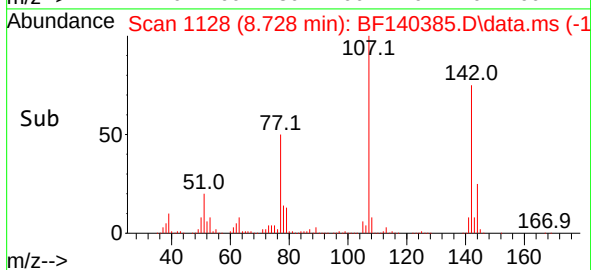
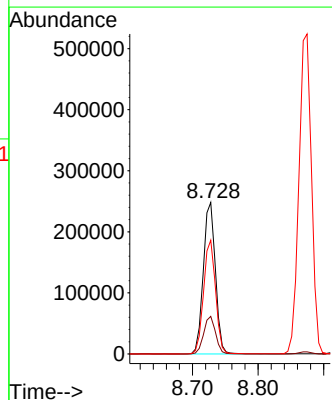
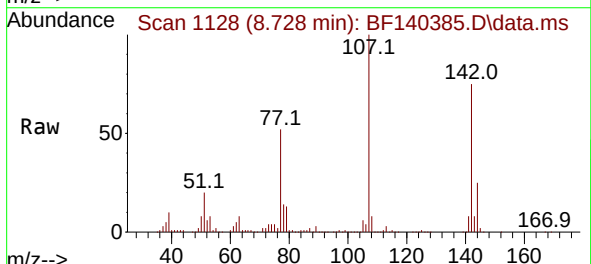
Instrument :
 BNA_F
 ClientSampleId :
 BF-F14MSD

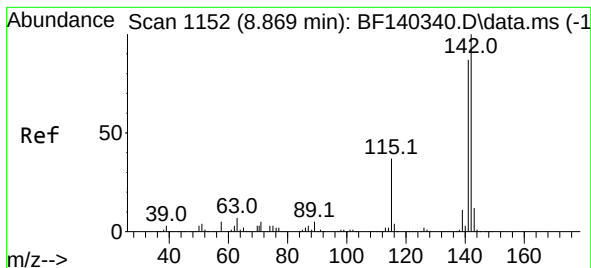
Tgt Ion:113 Resp: 98119
 Ion Ratio Lower Upper
 113 100
 55 166.1 150.0 190.0
 56 128.8 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.406 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.024 min
 Lab File: BF140385.D
 Acq: 15 Nov 2024 01:24

Tgt Ion:107 Resp: 319997
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 50.002 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

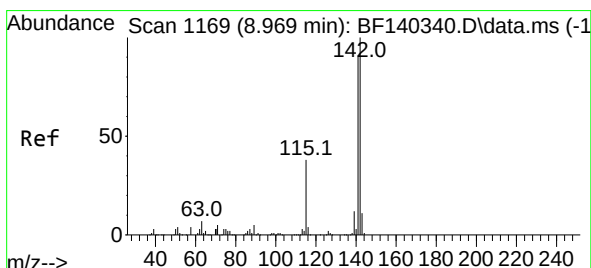
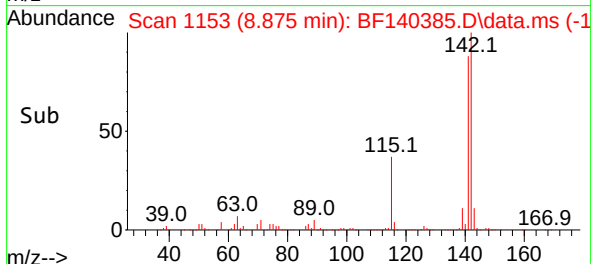
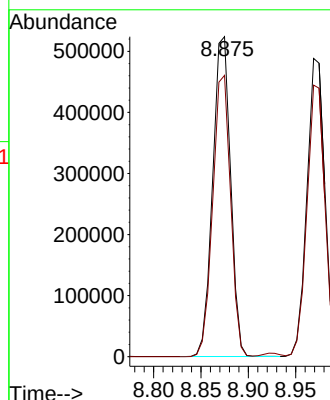
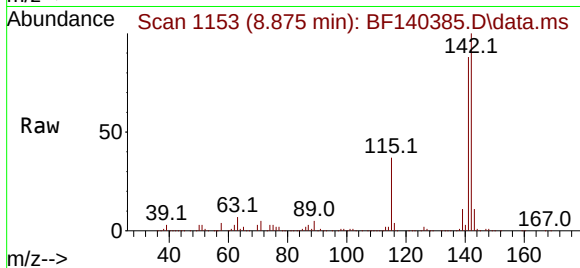
BF-F14MSD

Tgt Ion:142 Resp: 691501

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 47.148 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140385.D

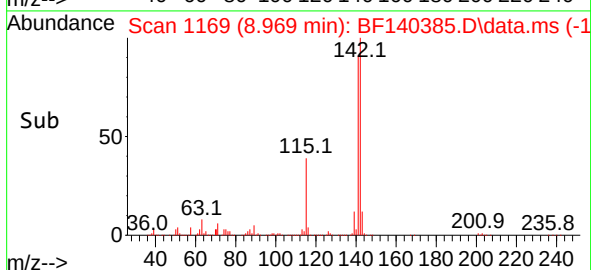
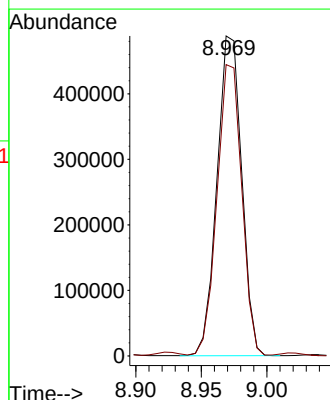
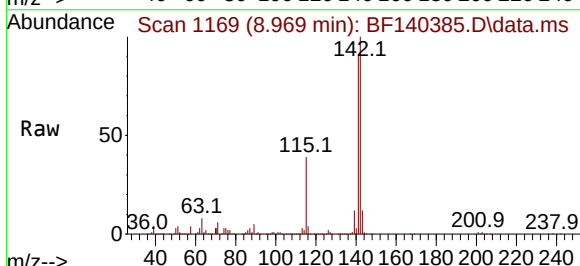
Acq: 15 Nov 2024 01:24

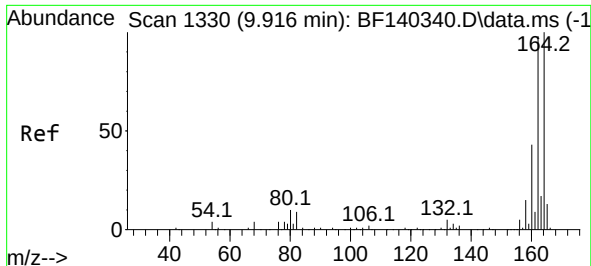
Tgt Ion:142 Resp: 638495

Ion Ratio Lower Upper

142 100

141 91.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

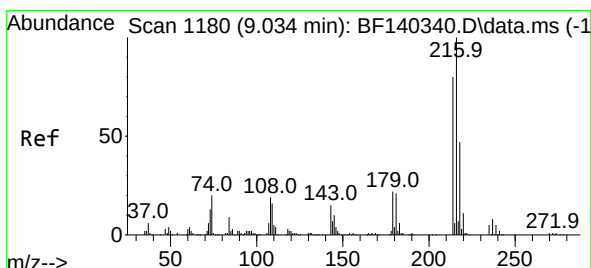
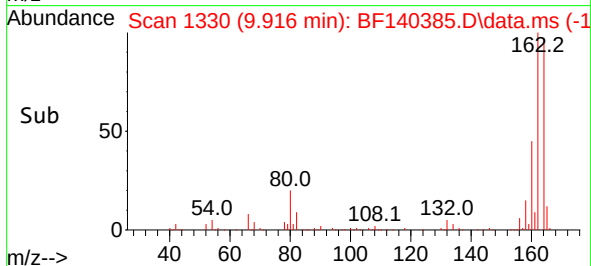
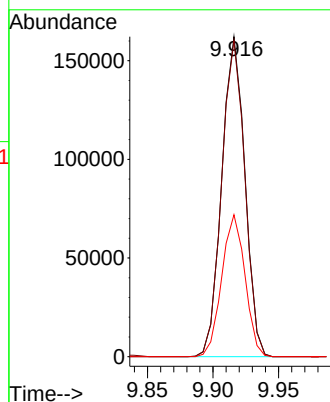
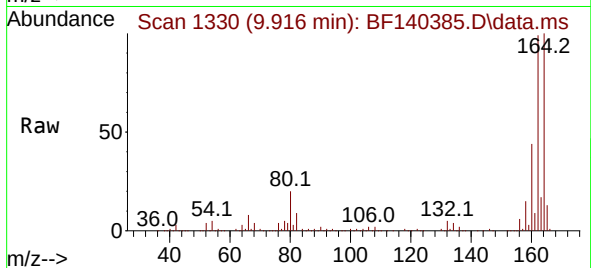
Tgt Ion:164 Resp: 198347

Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.337 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Tgt Ion:216 Resp: 325461

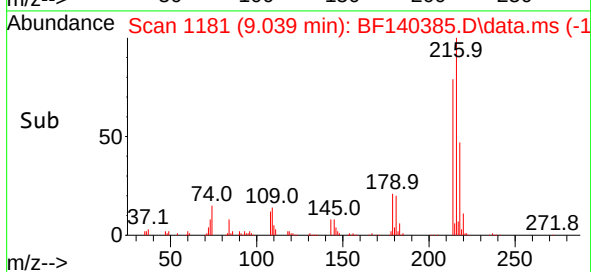
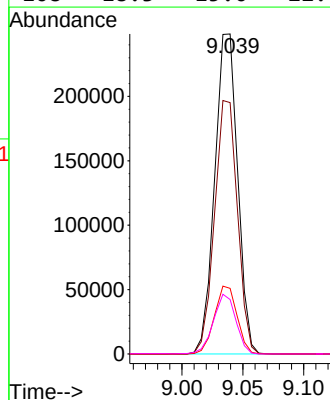
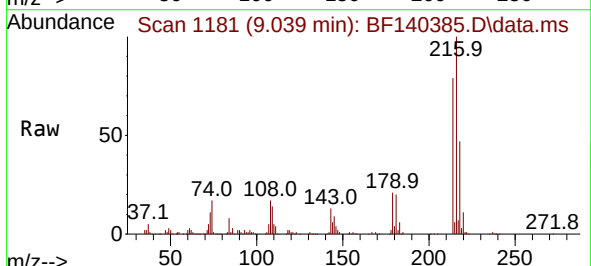
Ion Ratio Lower Upper

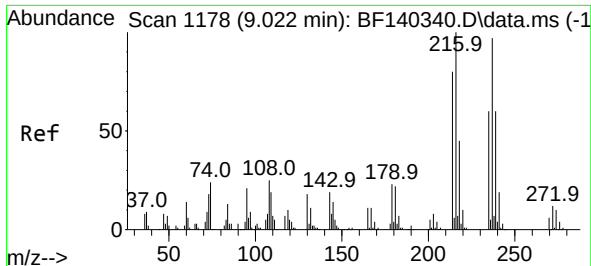
216 100

214 78.9 63.2 94.8

179 20.9 17.2 25.8

108 18.3 15.0 22.4

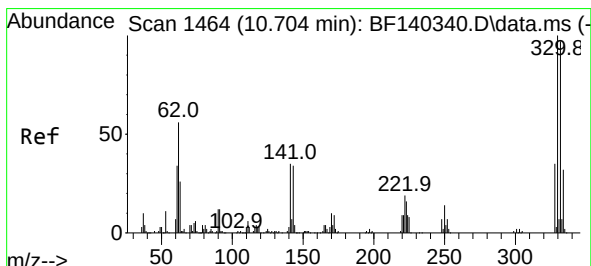
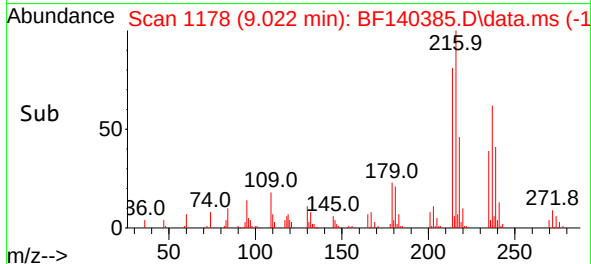
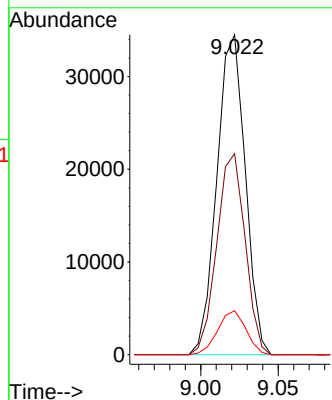
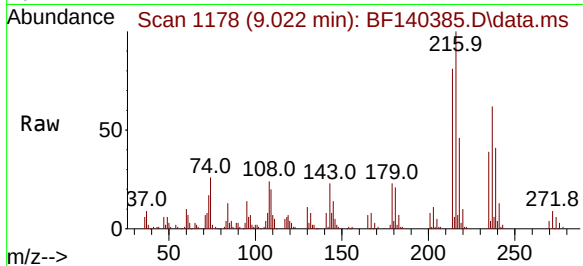




#41
Hexachlorocyclopentadiene
Concen: 31.272 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

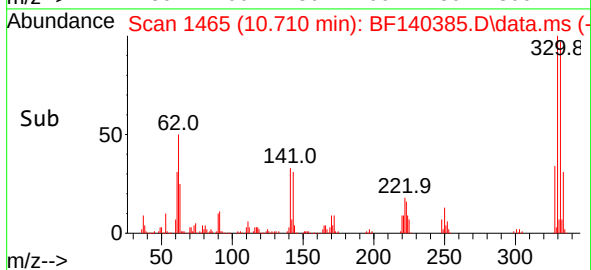
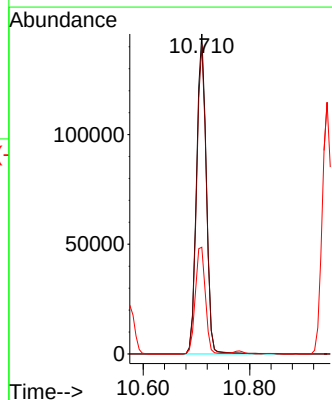
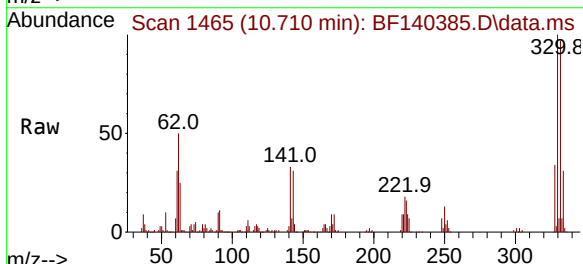
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

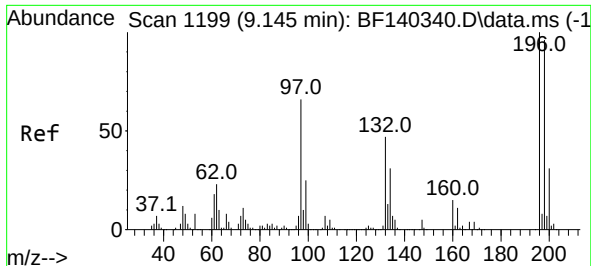
Tgt Ion:237 Resp: 44040
Ion Ratio Lower Upper
237 100
235 62.8 42.8 82.8
272 13.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 93.420 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:330 Resp: 184263
Ion Ratio Lower Upper
330 100
332 96.6 75.9 113.9
141 34.6 26.9 40.3

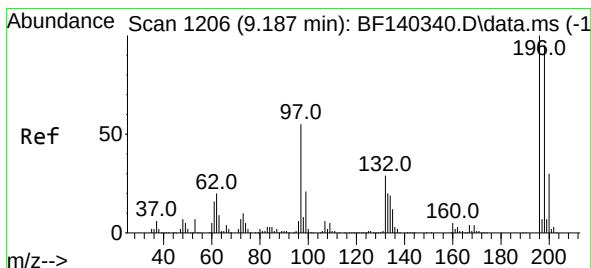
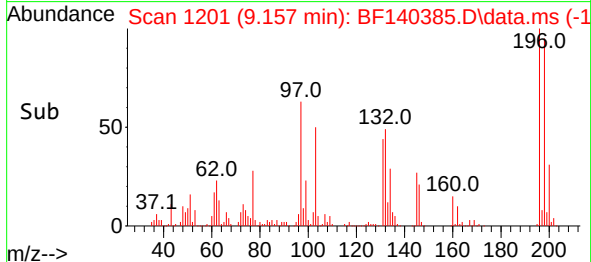
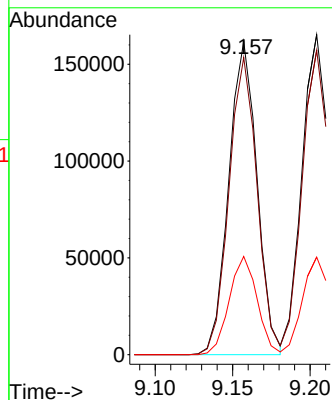
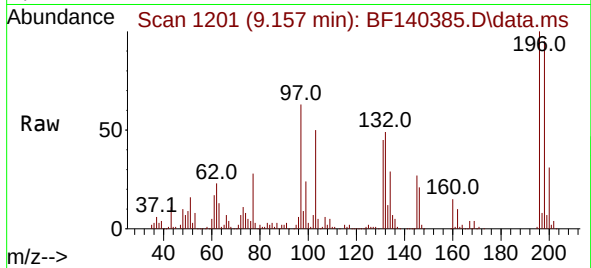




#43
2,4,6-Trichlorophenol
Concen: 57.002 ng
RT: 9.157 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

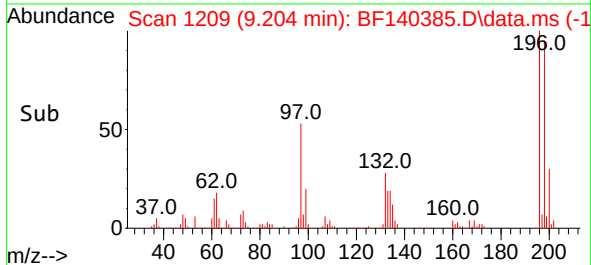
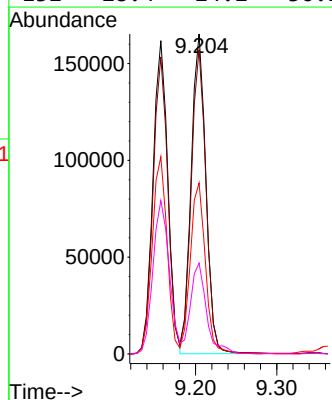
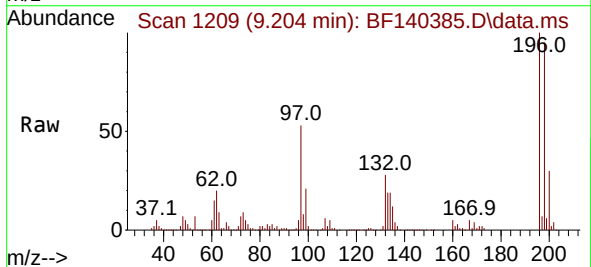
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

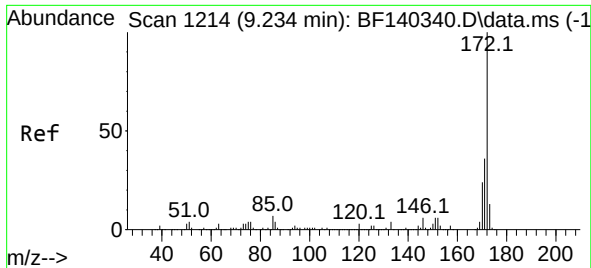
Tgt Ion:196 Resp: 205181
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
200 31.4 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 53.049 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.018 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:196 Resp: 208773
Ion Ratio Lower Upper
196 100
198 95.2 77.6 116.4
97 53.5 45.4 68.2
132 28.4 24.2 36.2

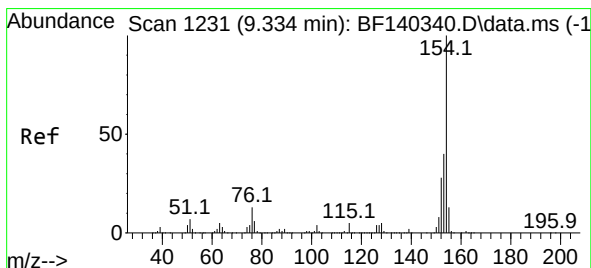
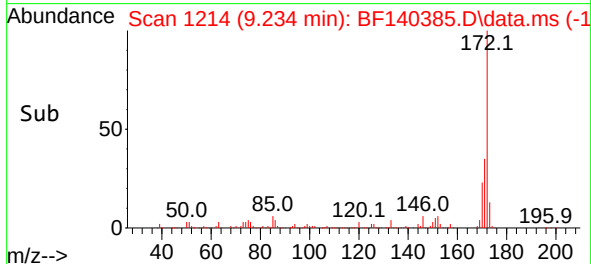
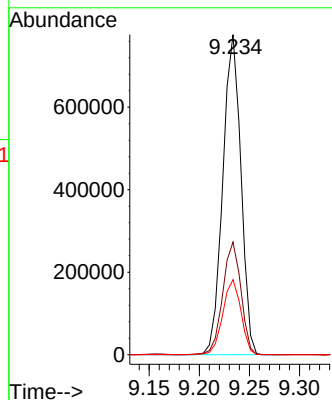
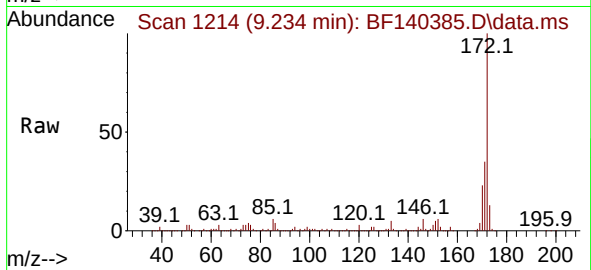




#45
2-Fluorobiphenyl
Concen: 78.762 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

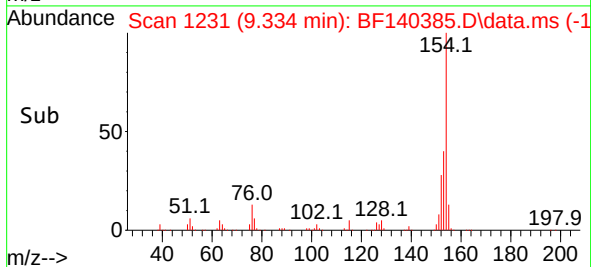
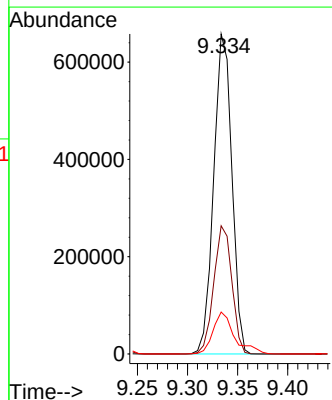
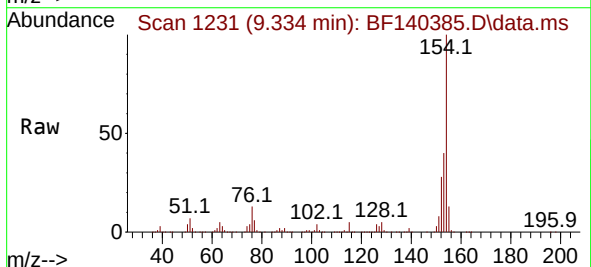
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

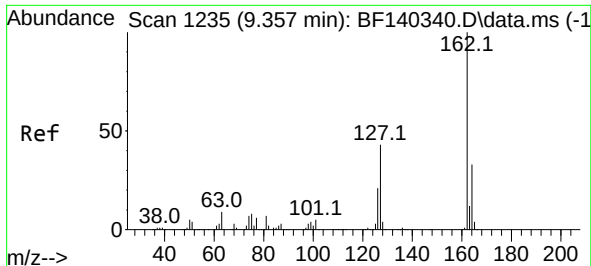
Tgt Ion:172 Resp: 971805
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 57.391 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:154 Resp: 828132
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 13.1 0.0 32.9





#47

2-Chloronaphthalene

Concen: 55.395 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

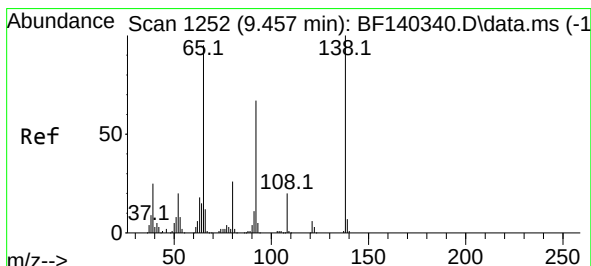
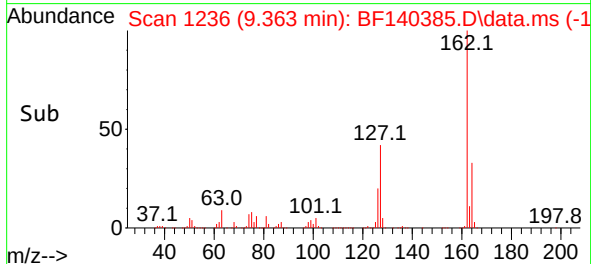
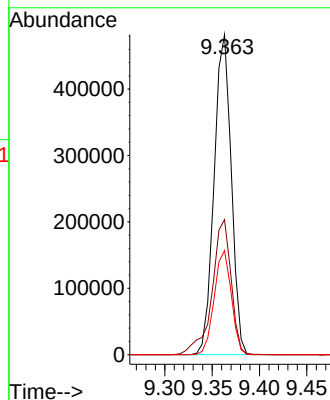
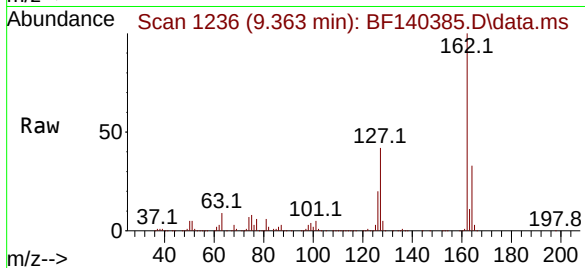
Tgt Ion:162 Resp: 608897

Ion Ratio Lower Upper

162 100

127 42.2 34.0 51.0

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 54.076 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

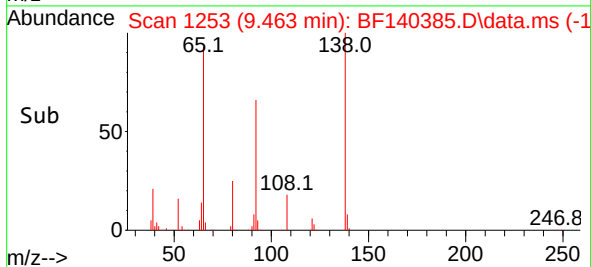
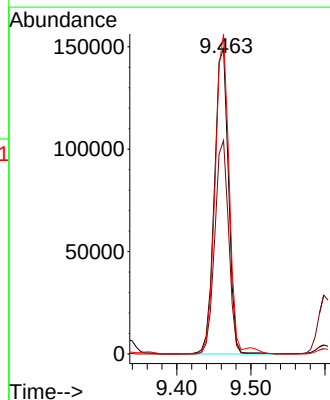
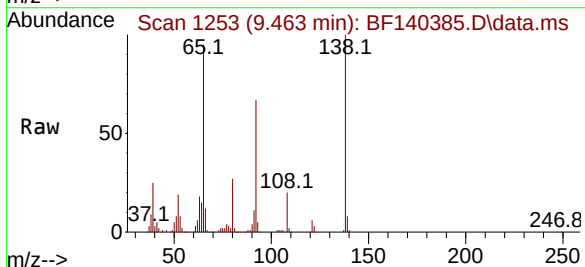
Tgt Ion: 65 Resp: 197129

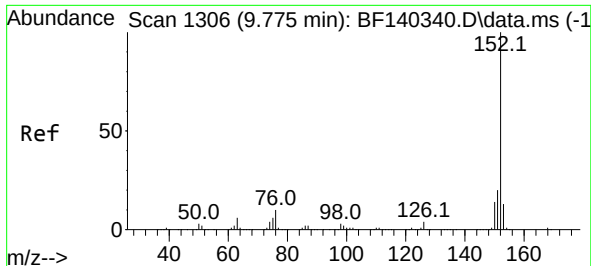
Ion Ratio Lower Upper

65 100

92 69.9 56.4 84.6

138 104.8 84.8 127.2





#49

Acenaphthylene

Concen: 56.746 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

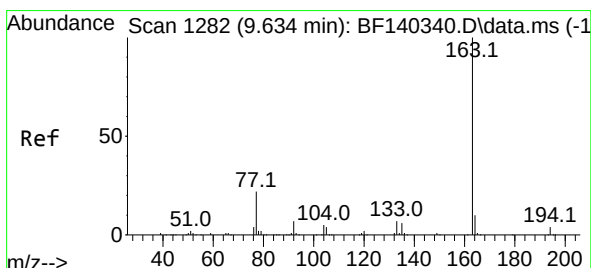
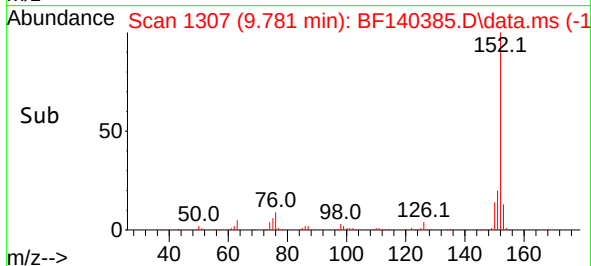
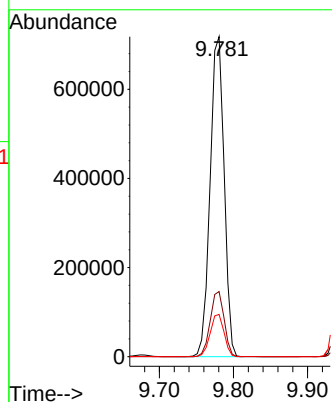
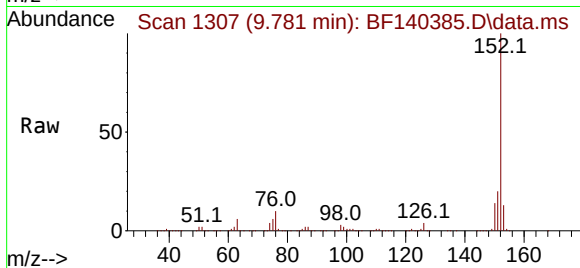
Tgt Ion:152 Resp: 943740

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 57.506 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

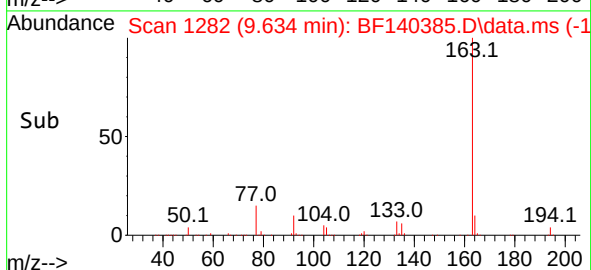
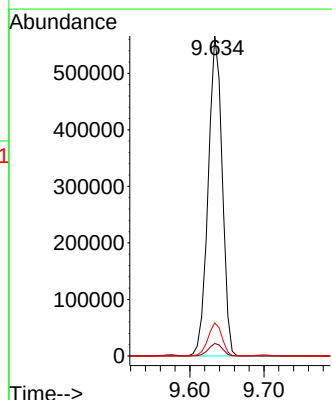
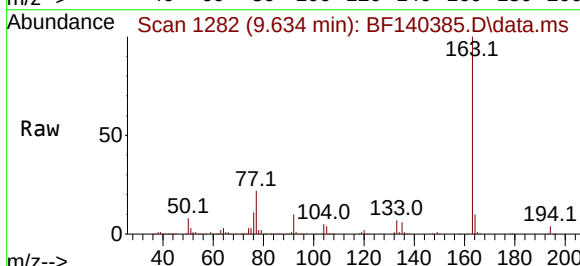
Tgt Ion:163 Resp: 743465

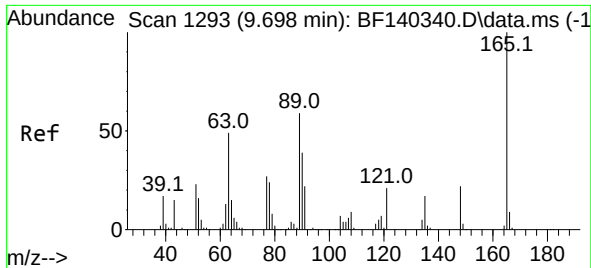
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.4

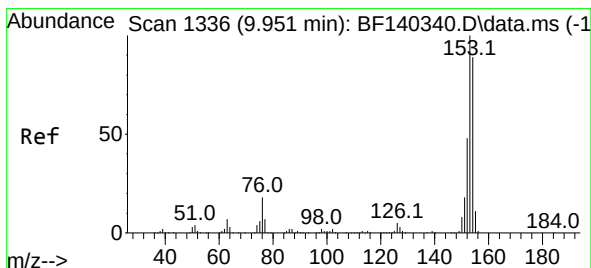
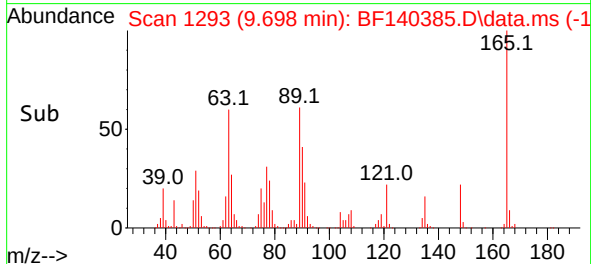
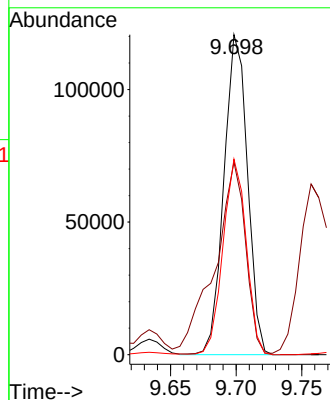
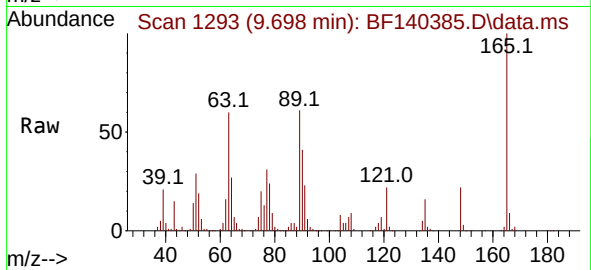




#51
2,6-Dinitrotoluene
Concen: 51.072 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

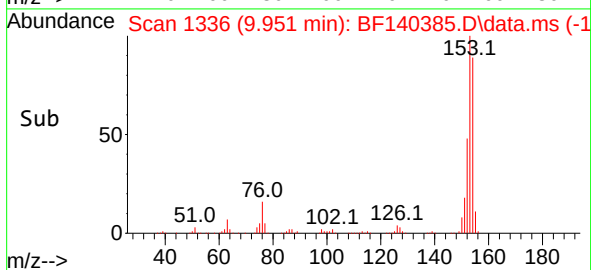
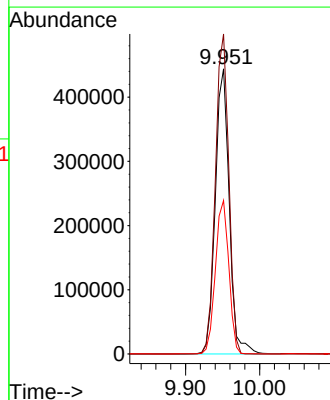
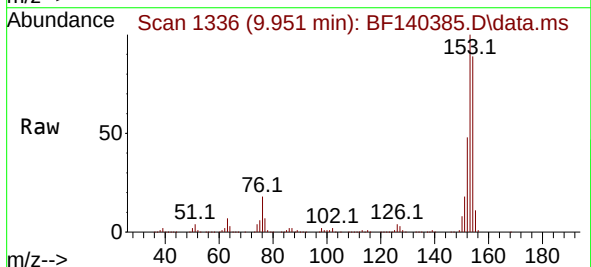
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

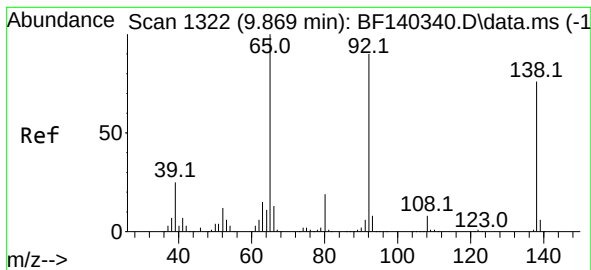
Tgt Ion:165 Resp: 150527
Ion Ratio Lower Upper
165 100
63 60.2 47.6 71.4
89 61.1 48.1 72.1



#52
Acenaphthene
Concen: 51.571 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:154 Resp: 579281
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 53.8 42.6 64.0





#53

3-Nitroaniline

Concen: 30.658 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

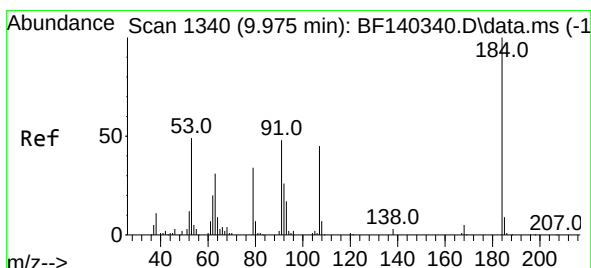
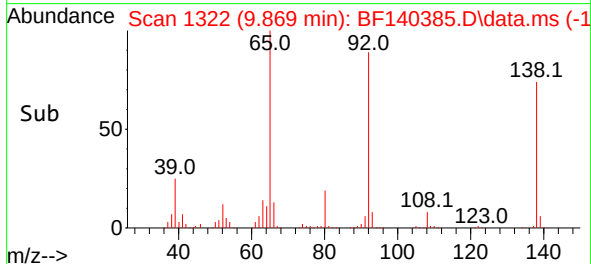
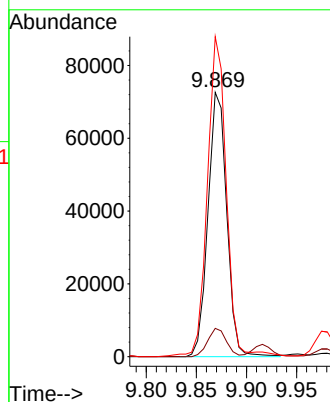
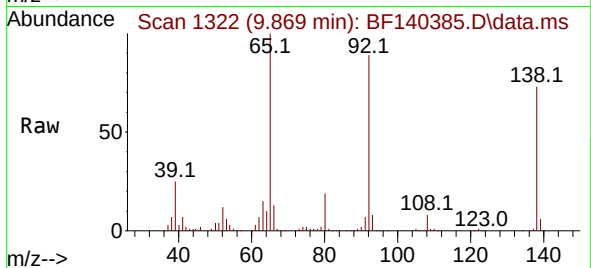
Tgt Ion:138 Resp: 94897

Ion Ratio Lower Upper

138 100

108 10.7 8.4 12.6

92 121.1 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 22.082 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

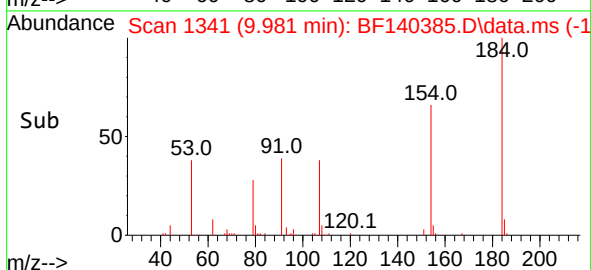
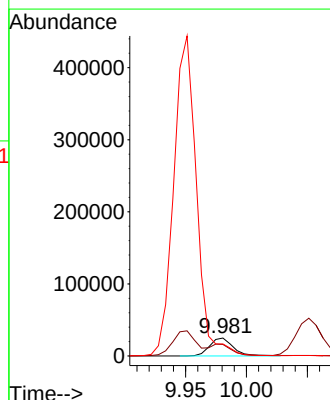
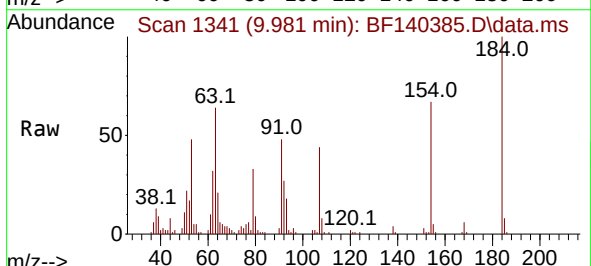
Tgt Ion:184 Resp: 33562

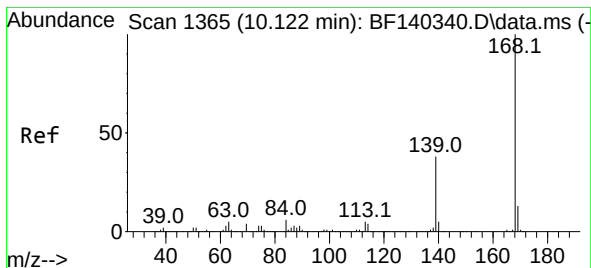
Ion Ratio Lower Upper

184 100

63 64.1 53.5 80.3

154 67.3 51.3 76.9





#55

Dibenzofuran

Concen: 52.173 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

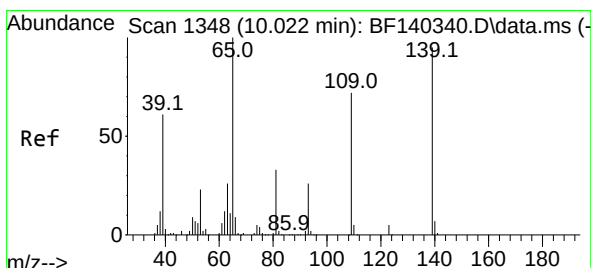
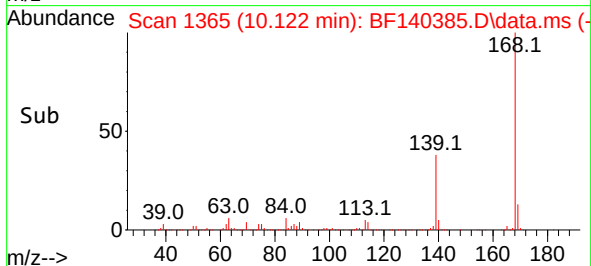
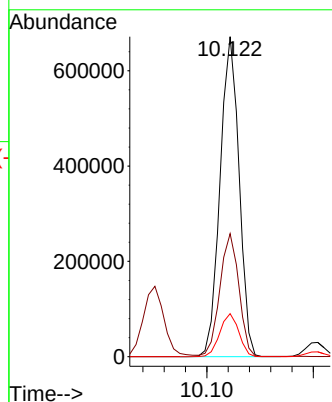
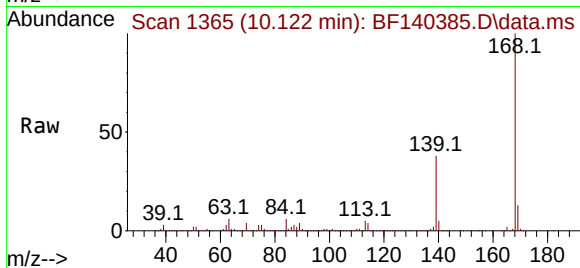
Tgt Ion:168 Resp: 829627

Ion Ratio Lower Upper

168 100

139 38.4 30.8 46.2

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 89.332 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.029 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

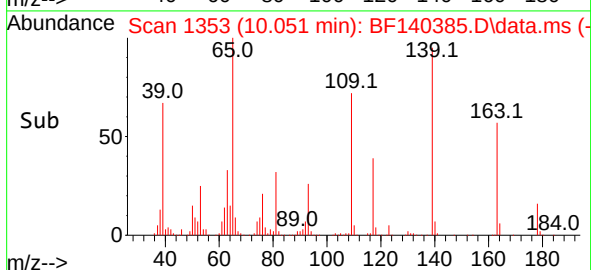
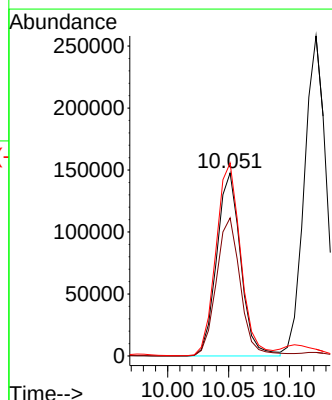
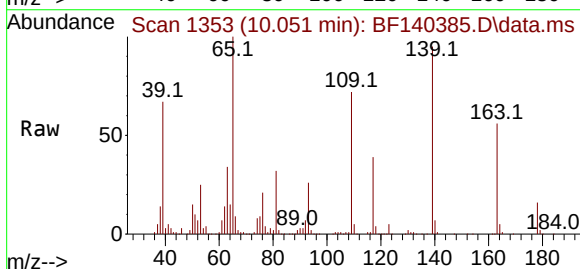
Tgt Ion:139 Resp: 201689

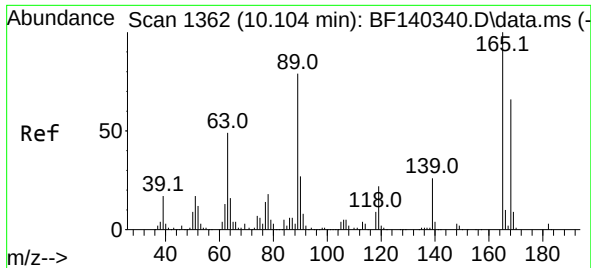
Ion Ratio Lower Upper

139 100

109 75.4 54.5 94.5

65 105.4 84.4 124.4

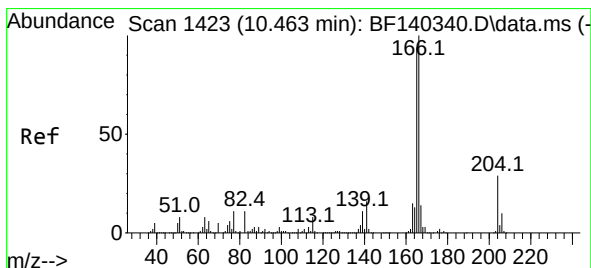
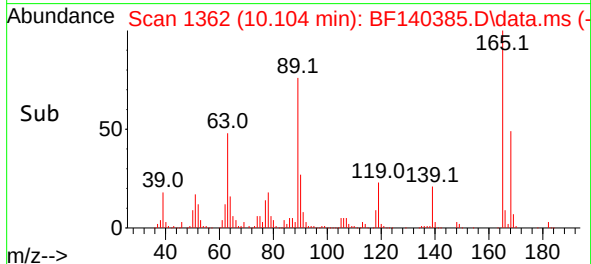
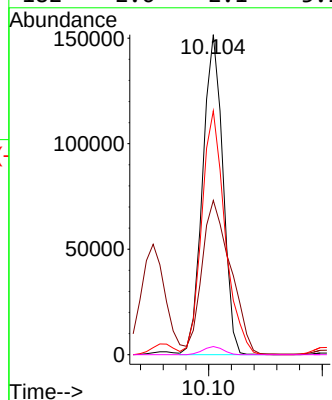
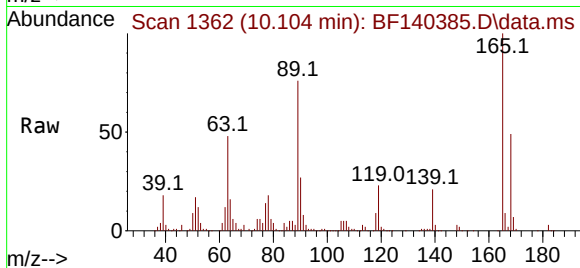




#57
2,4-Dinitrotoluene
Concen: 48.278 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

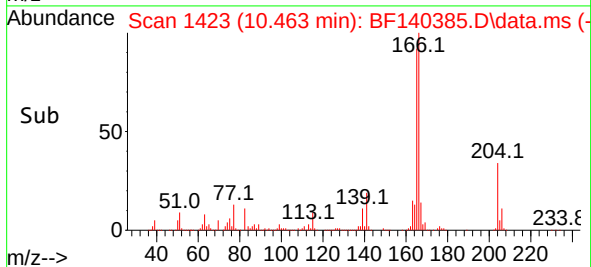
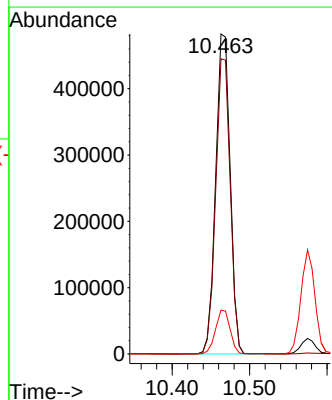
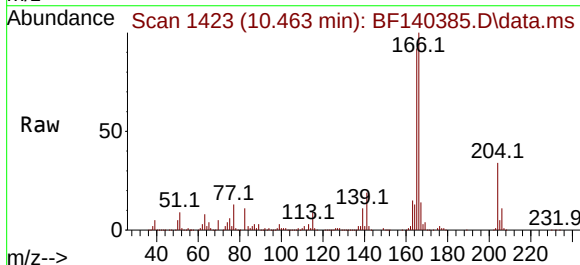
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

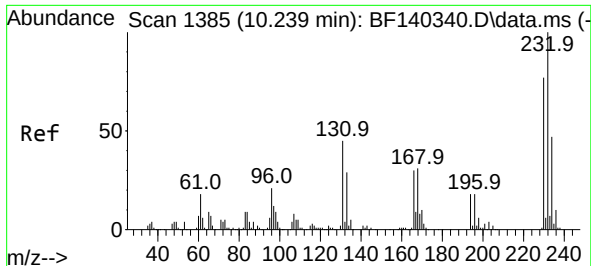
Tgt Ion:	165	Resp:	187272
Ion	Ratio	Lower	Upper
165	100		
63	48.2	39.4	59.0
89	76.2	62.4	93.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 49.963 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:	166	Resp:	627627
Ion	Ratio	Lower	Upper
166	100		
165	92.3	73.9	110.9
167	13.7	10.9	16.3

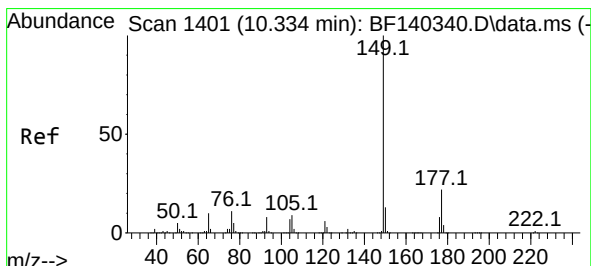
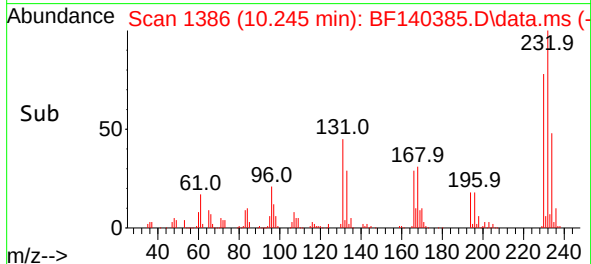
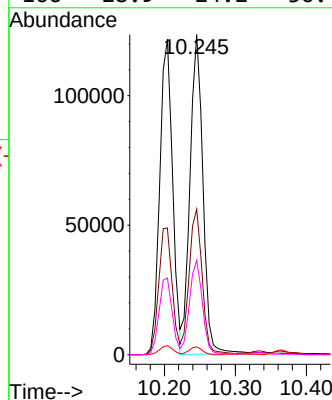
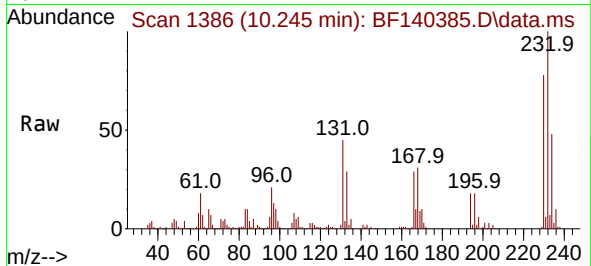




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.301 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

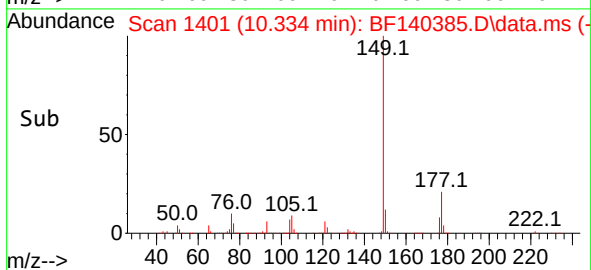
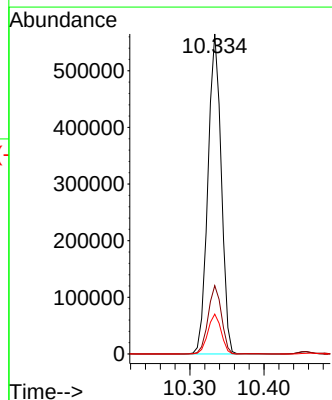
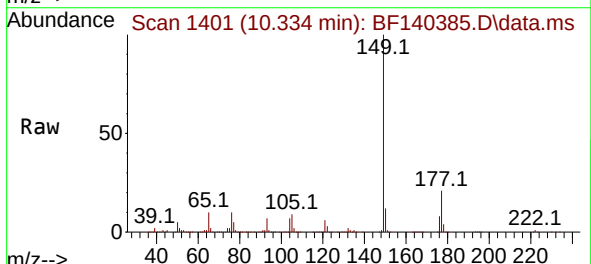
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

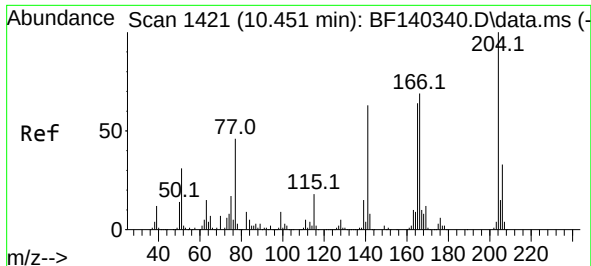
Tgt Ion:232 Resp: 156307
Ion Ratio Lower Upper
232 100
131 44.9 36.8 55.2
130 2.5 1.9 2.9
166 28.9 24.2 36.4



#60
Diethylphthalate
Concen: 53.304 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:149 Resp: 704674
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.5 10.1 15.1

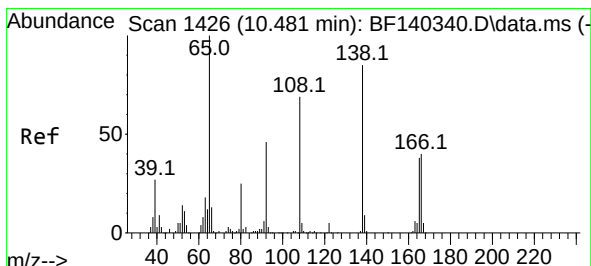
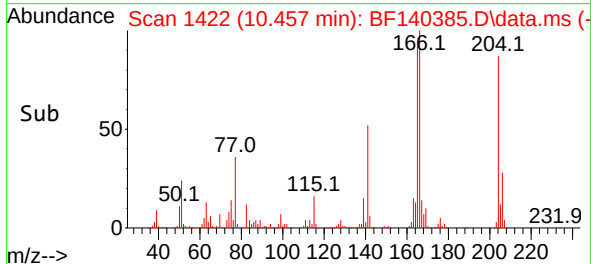
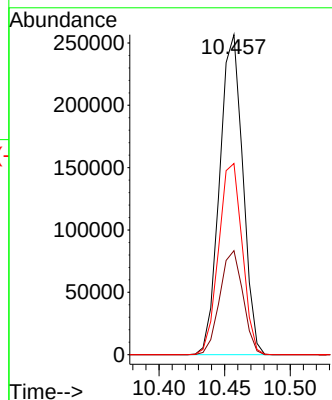
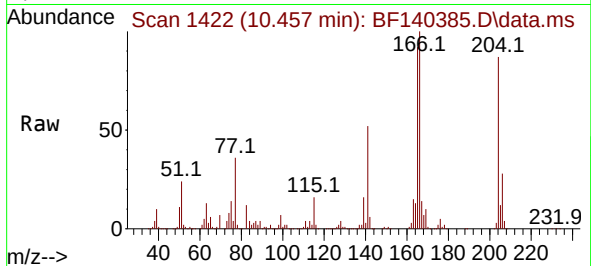




#61
4-Chlorophenyl-phenylether
Concen: 50.813 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

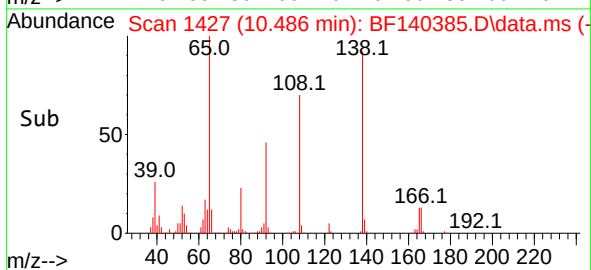
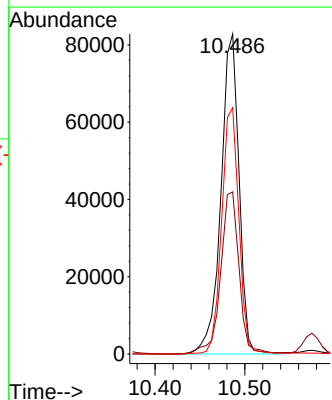
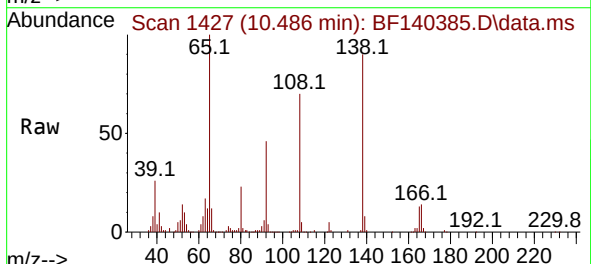
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

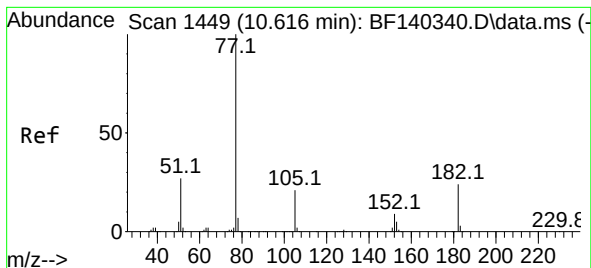
Tgt Ion:204 Resp: 315126
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.8 49.8 74.8



#62
4-Nitroaniline
Concen: 36.673 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:138 Resp: 116065
Ion Ratio Lower Upper
138 100
92 50.6 33.8 73.8
108 76.9 59.9 99.9





#63

Azobenzene

Concen: 53.073 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

Tgt Ion: 77 Resp: 693248

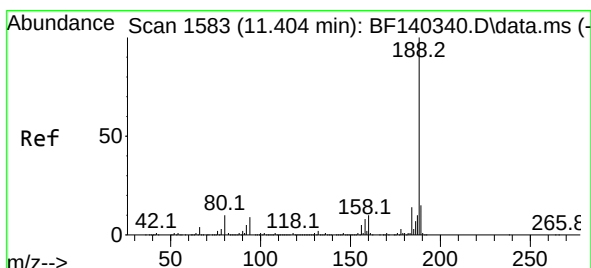
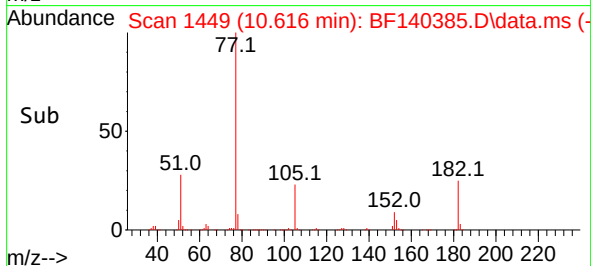
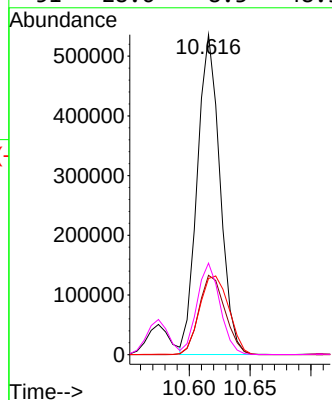
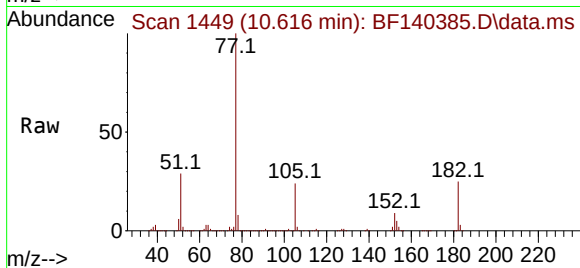
Ion Ratio Lower Upper

77 100

182 24.8 4.6 44.6

105 23.8 0.9 40.9

51 28.6 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

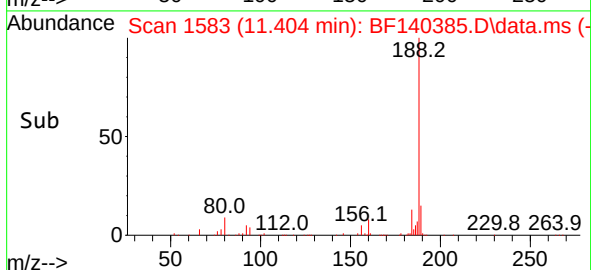
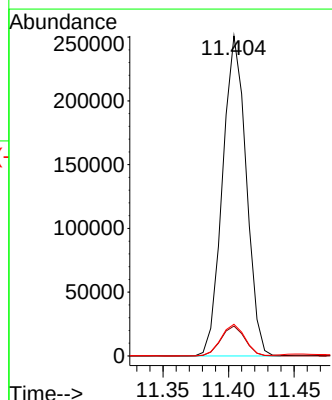
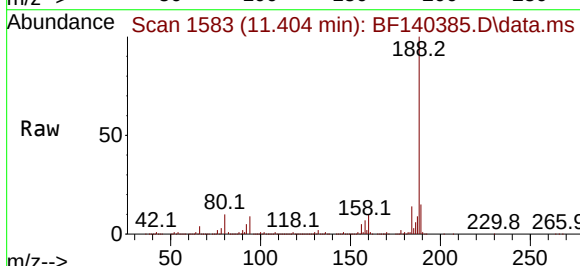
Tgt Ion: 188 Resp: 314849

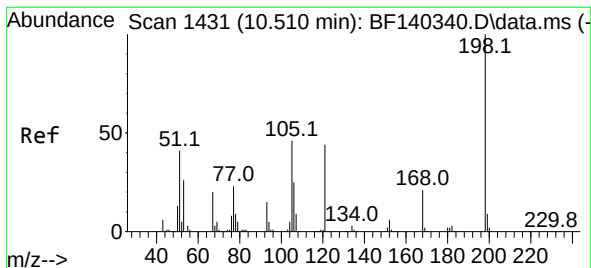
Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 8.0 12.0

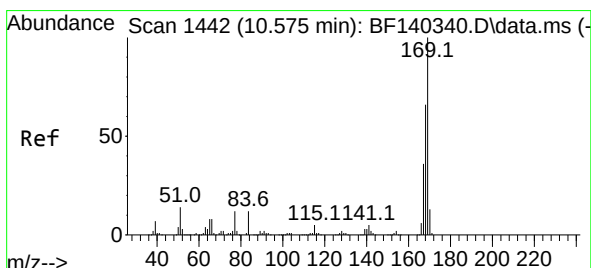
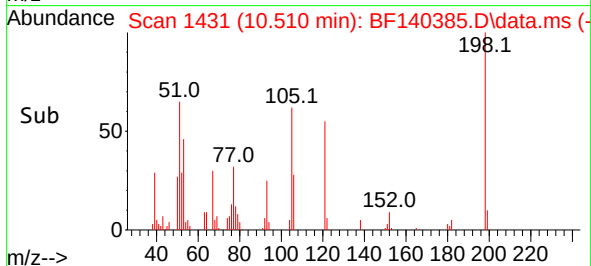
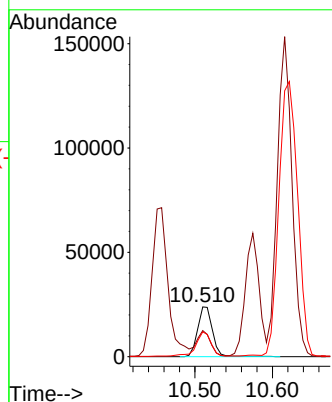
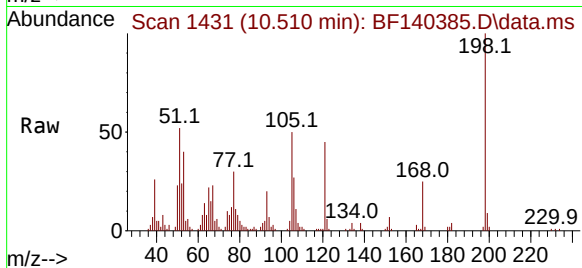




#65
4,6-Dinitro-2-methylphenol
Concen: 18.663 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

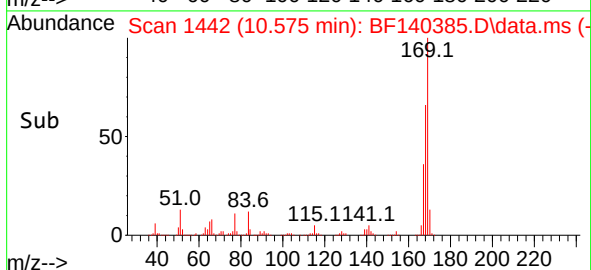
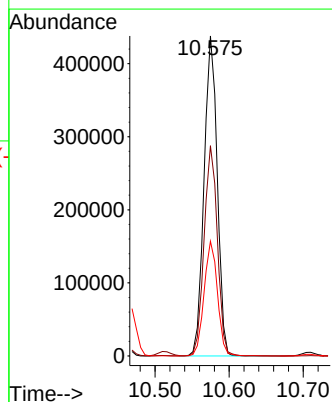
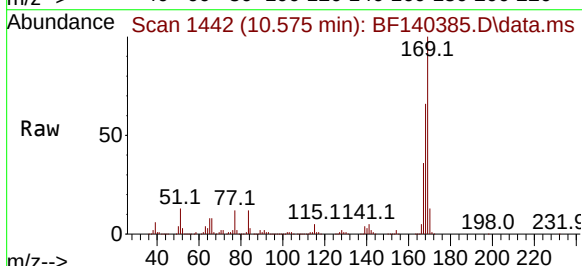
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

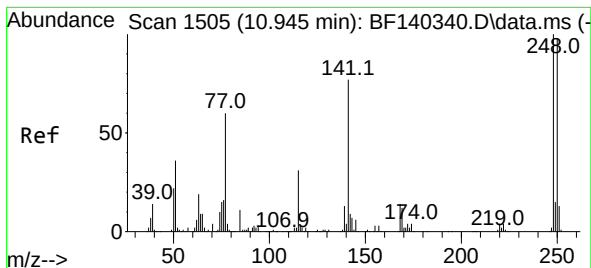
Tgt Ion:198 Resp: 31615
Ion Ratio Lower Upper
198 100
51 52.5 29.7 69.7
105 49.9 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 59.494 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:169 Resp: 541221
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 35.8 29.3 43.9

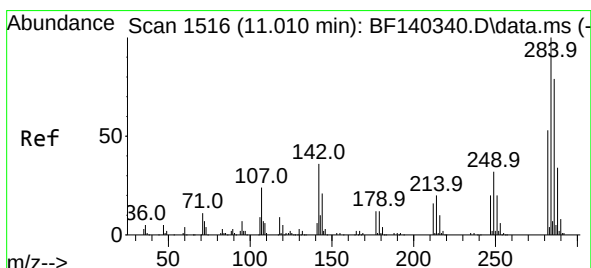
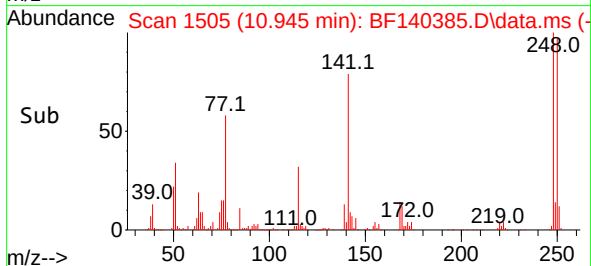
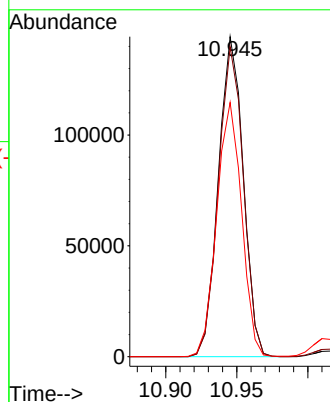
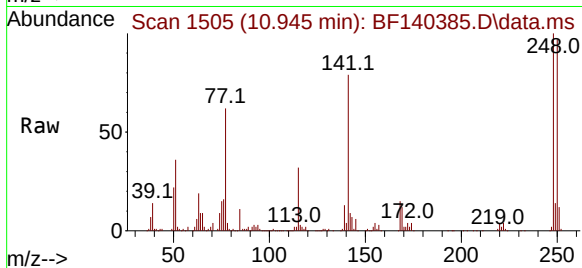




#67
4-Bromophenyl-phenylether
Concen: 55.890 ng
RT: 10.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

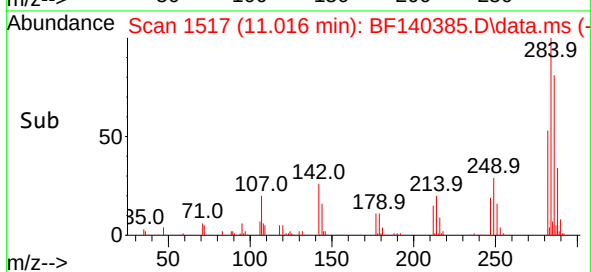
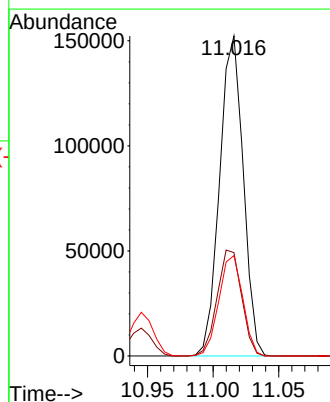
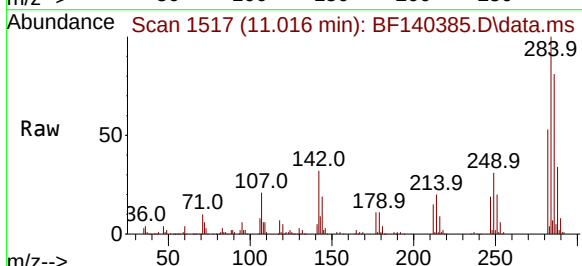
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

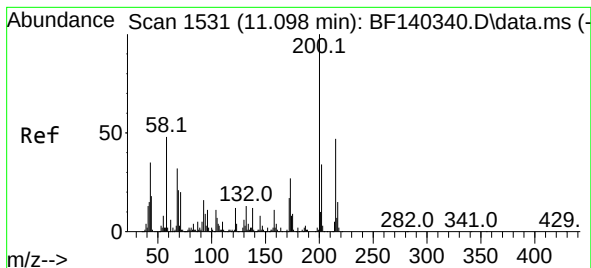
Tgt Ion:248 Resp: 175902
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 79.5 61.8 92.6



#68
Hexachlorobenzene
Concen: 53.848 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:284 Resp: 190682
Ion Ratio Lower Upper
284 100
142 32.3 28.1 42.1
249 31.4 24.9 37.3





#69

Atrazine

Concen: 59.961 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

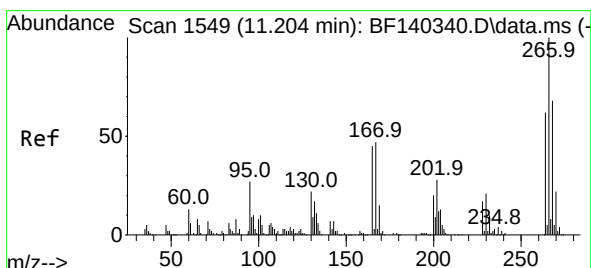
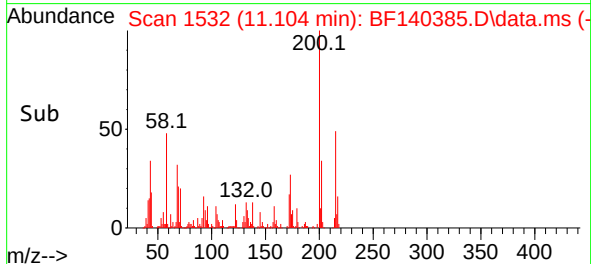
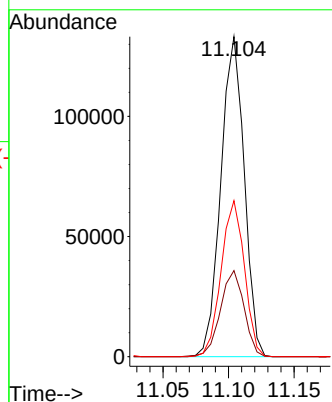
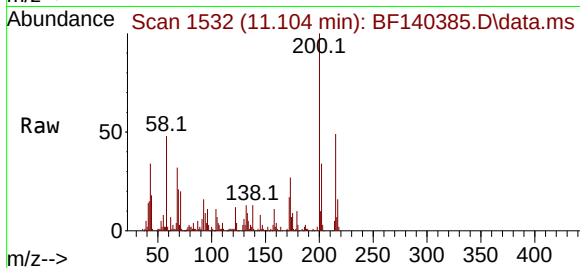
Tgt Ion:200 Resp: 165030

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.8 27.2 67.2



#70

Pentachlorophenol

Concen: 100.332 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

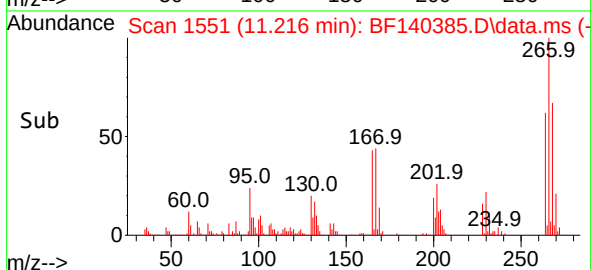
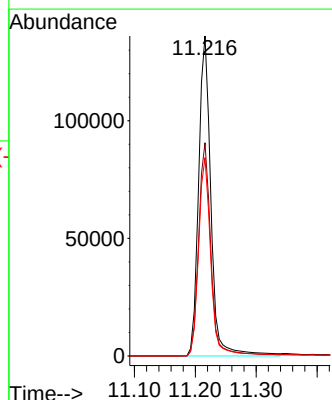
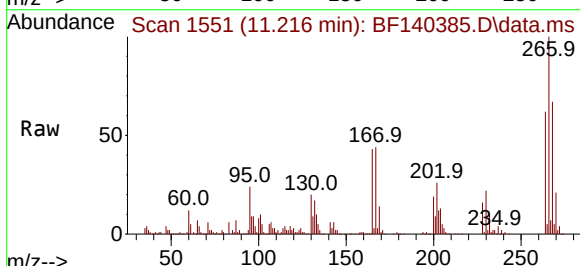
Tgt Ion:266 Resp: 191382

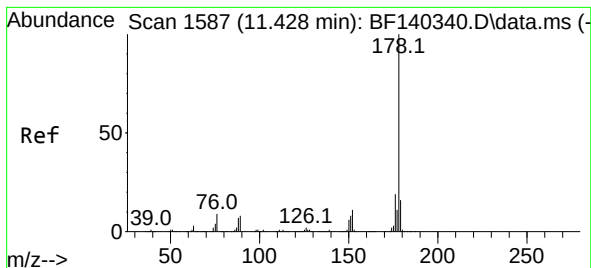
Ion Ratio Lower Upper

266 100

268 66.7 52.9 79.3

264 62.0 50.3 75.5





#71

Phenanthrene

Concen: 55.694 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

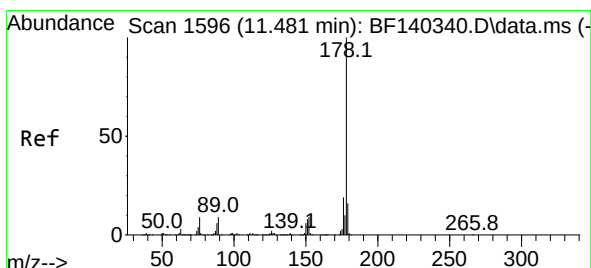
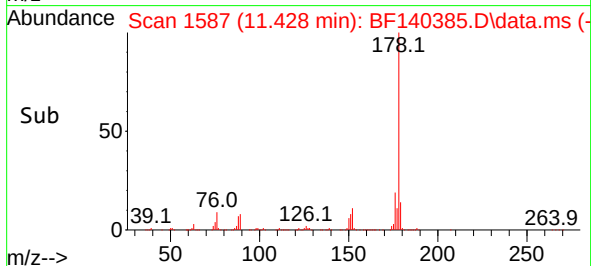
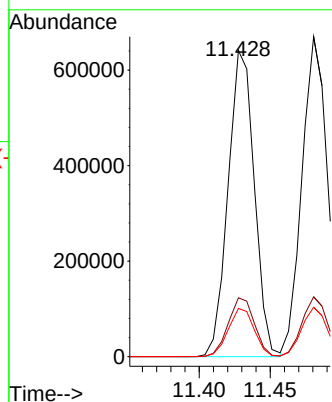
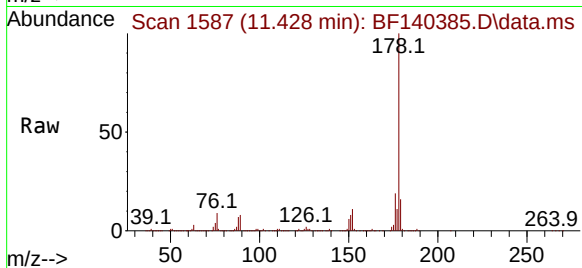
Tgt Ion:178 Resp: 823721

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 57.405 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

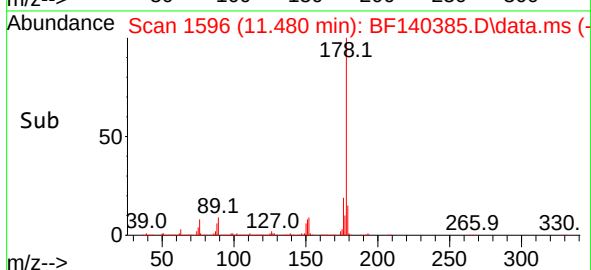
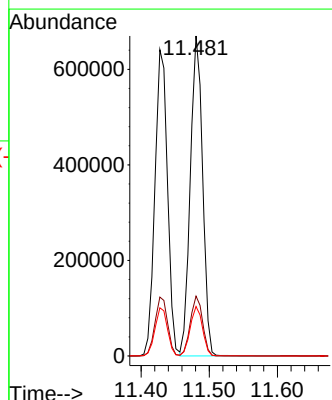
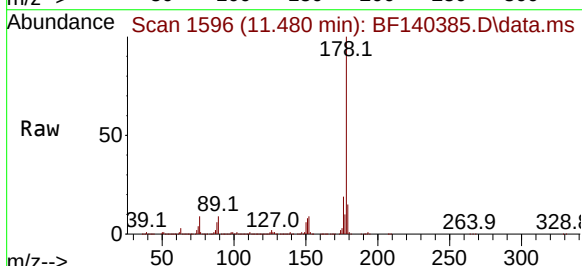
Tgt Ion:178 Resp: 832107

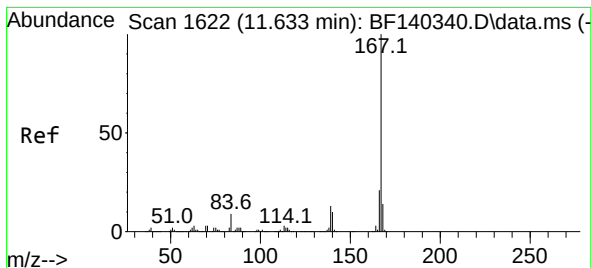
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 53.393 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

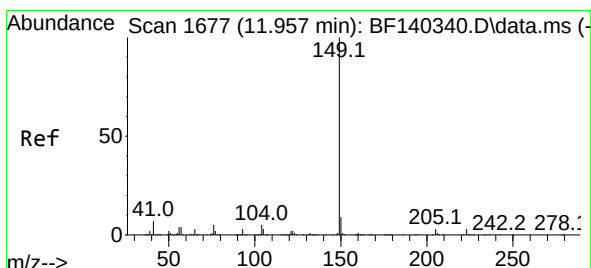
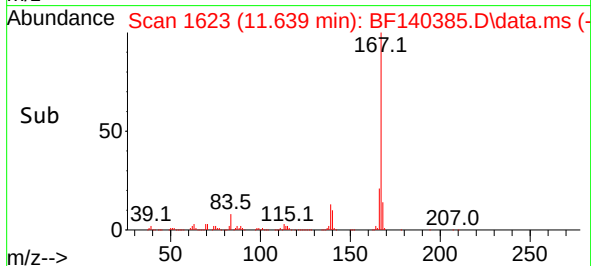
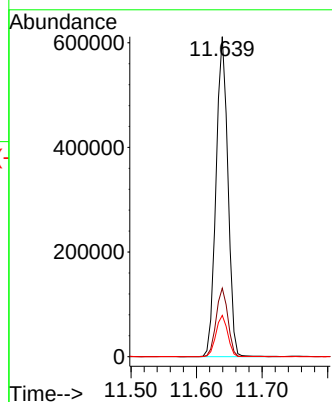
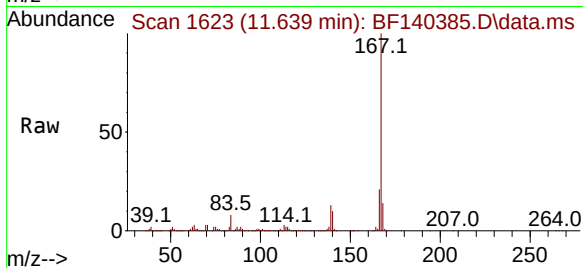
Tgt Ion:167 Resp: 764193

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 55.540 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

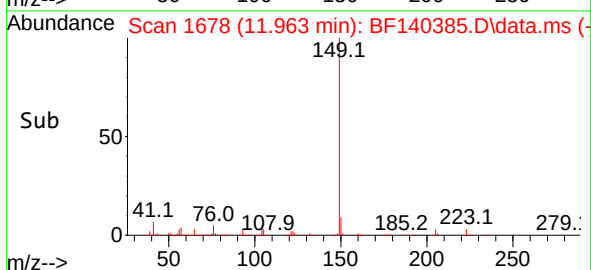
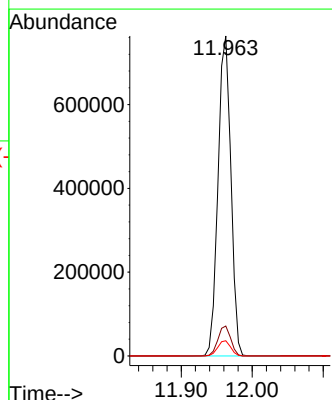
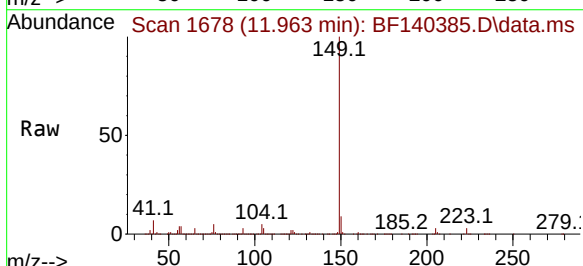
Tgt Ion:149 Resp: 954091

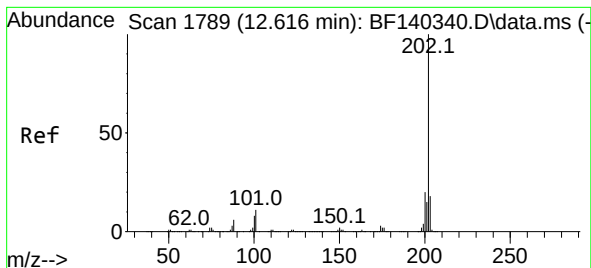
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.8 4.0 6.0

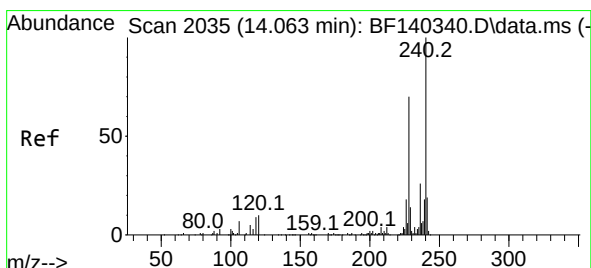
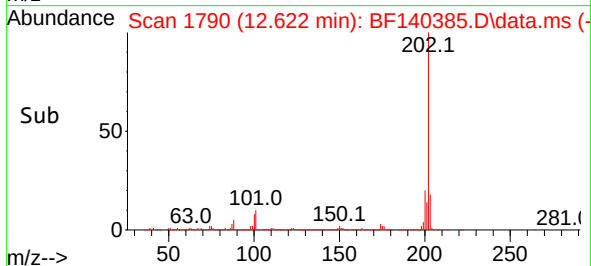
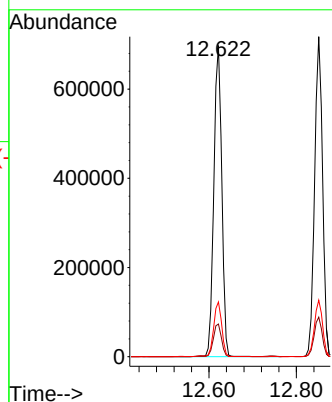
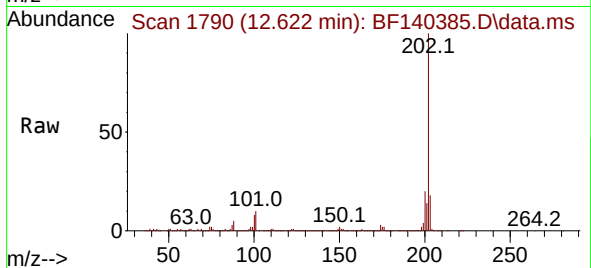




#75
Fluoranthene
Concen: 53.435 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

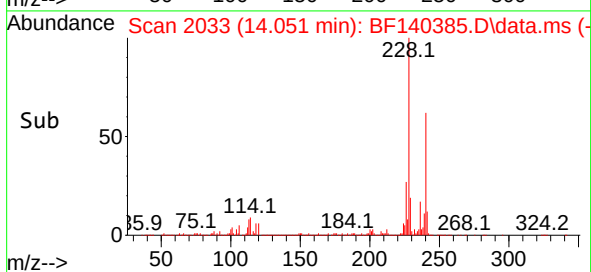
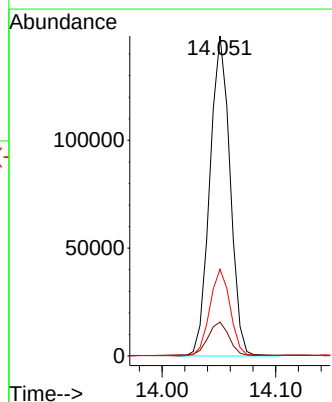
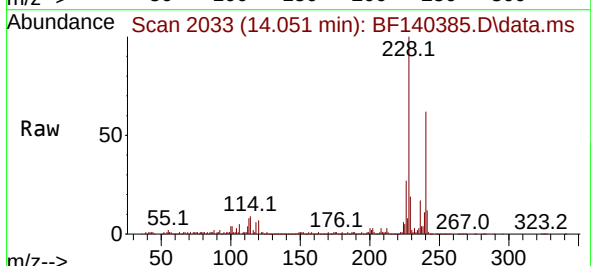
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

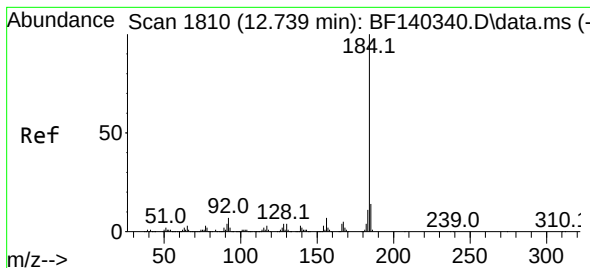
Tgt Ion:202 Resp: 886665
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:240 Resp: 183952
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 27.1 20.9 31.3





#77

Benzidine

Concen: 48.222 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

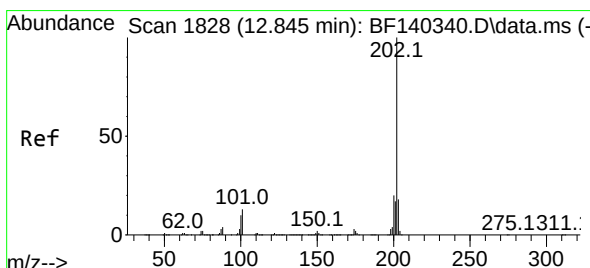
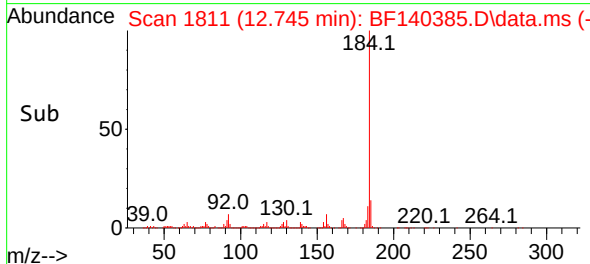
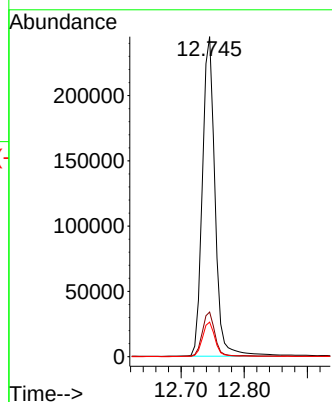
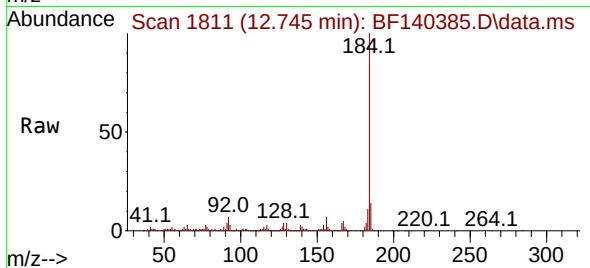
Tgt Ion:184 Resp: 340456

Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

183 10.8 8.6 13.0



#78

Pyrene

Concen: 57.648 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

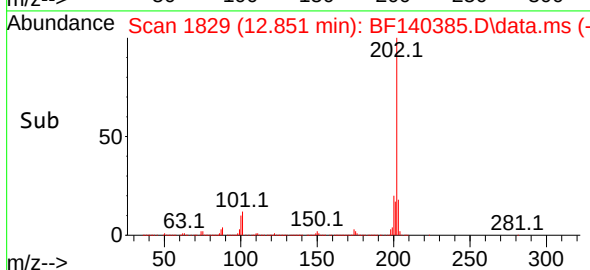
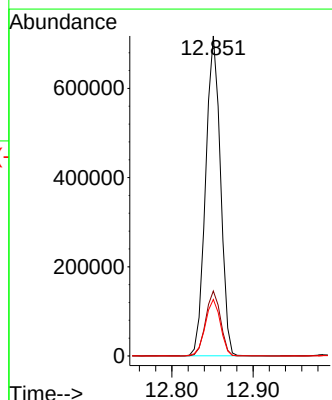
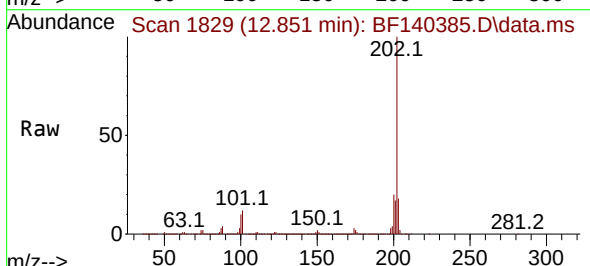
Tgt Ion:202 Resp: 907073

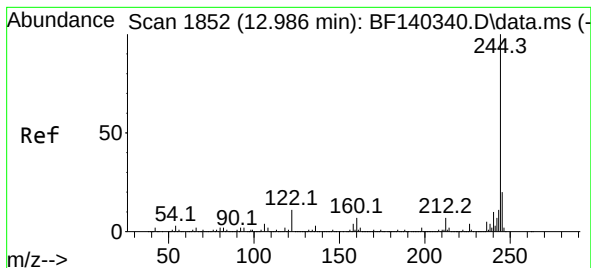
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.318 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

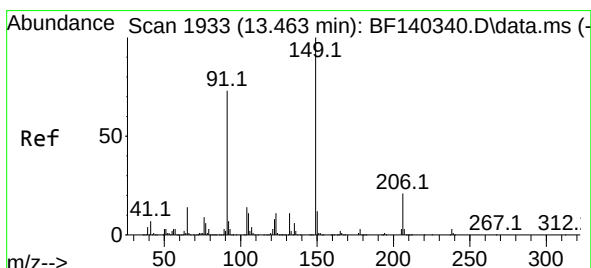
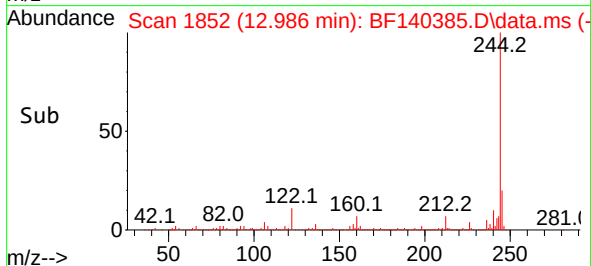
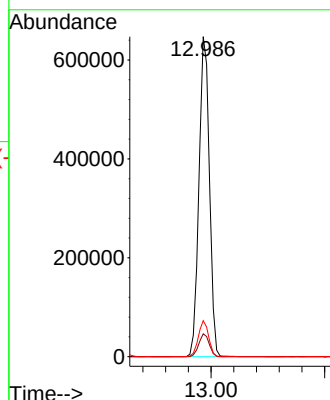
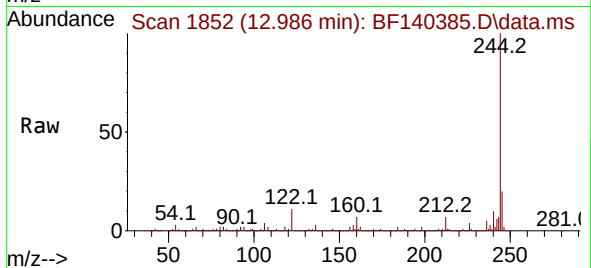
Tgt Ion:244 Resp: 829984

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 63.021 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

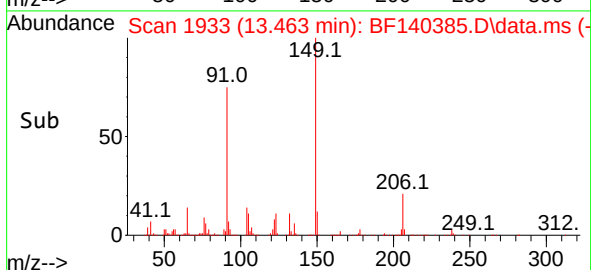
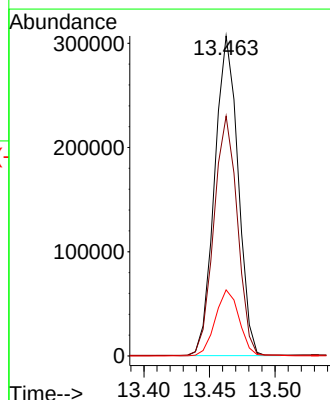
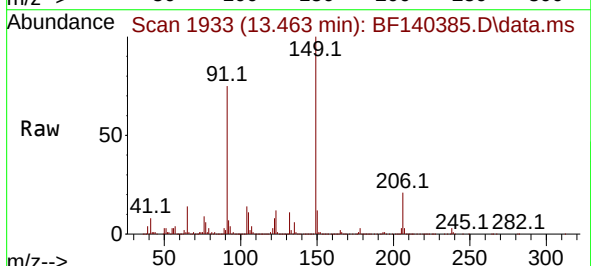
Tgt Ion:149 Resp: 380929

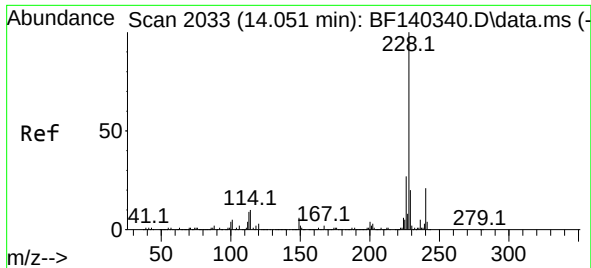
Ion Ratio Lower Upper

149 100

91 74.9 61.0 91.4

206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 55.231 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

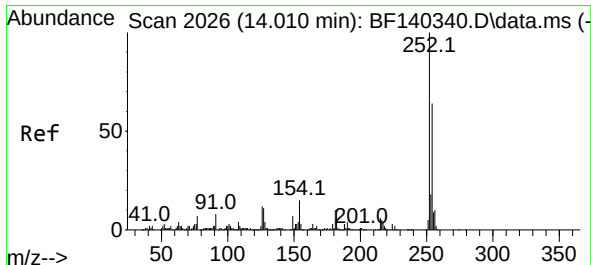
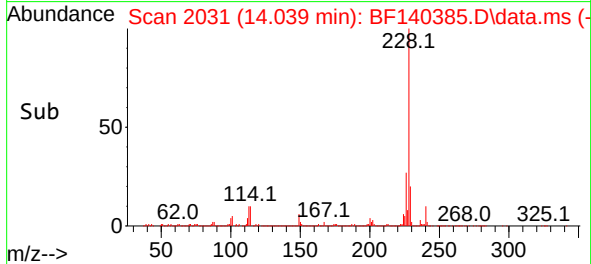
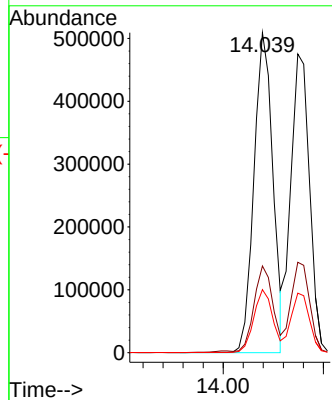
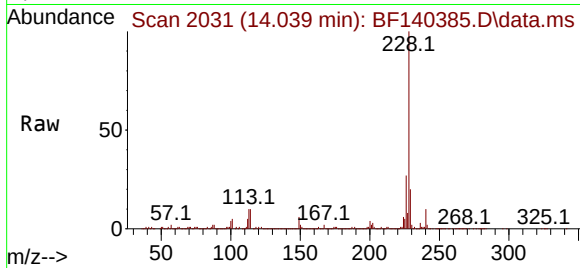
Tgt Ion:228 Resp: 667728

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 49.206 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

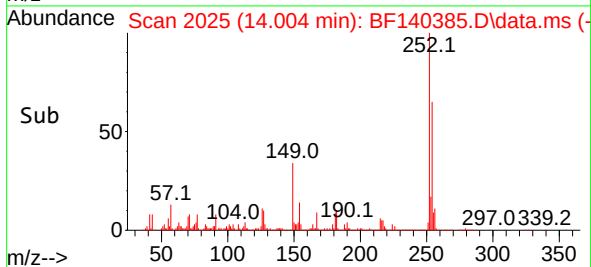
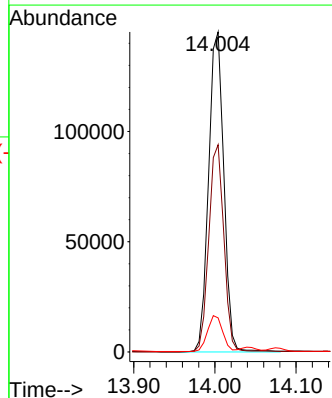
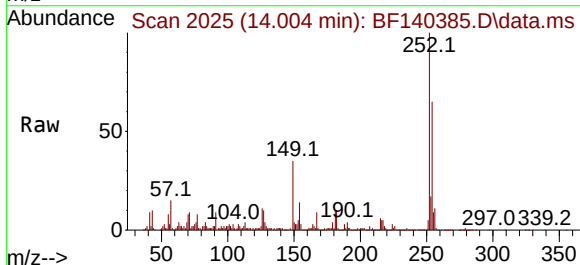
Tgt Ion:252 Resp: 189085

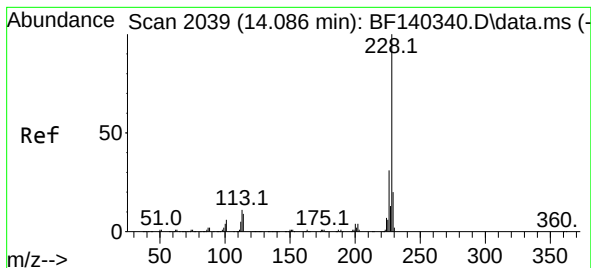
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

126 10.7 9.4 14.0





#83

Chrysene

Concen: 55.988 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

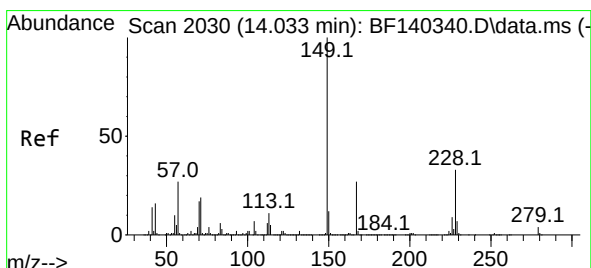
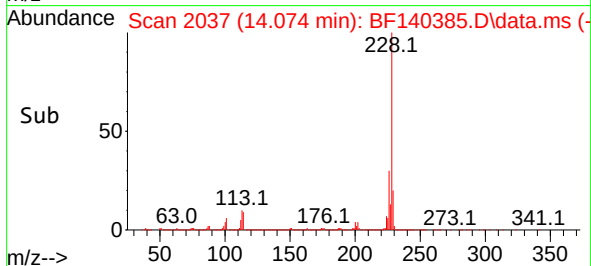
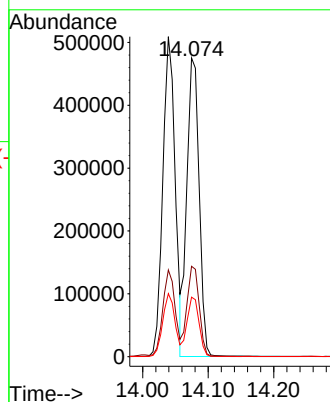
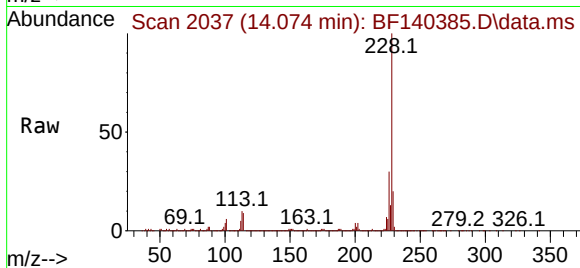
Tgt Ion:228 Resp: 617595

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.799 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

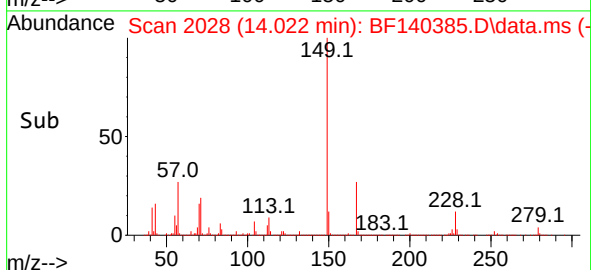
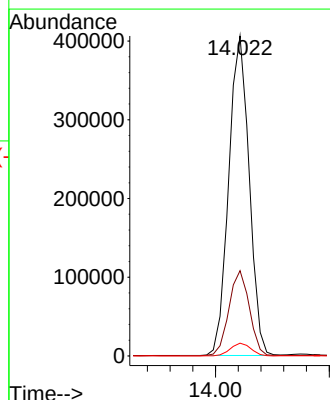
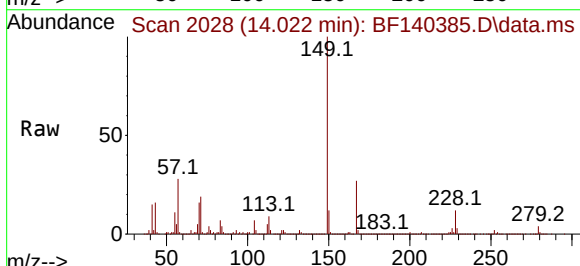
Tgt Ion:149 Resp: 506664

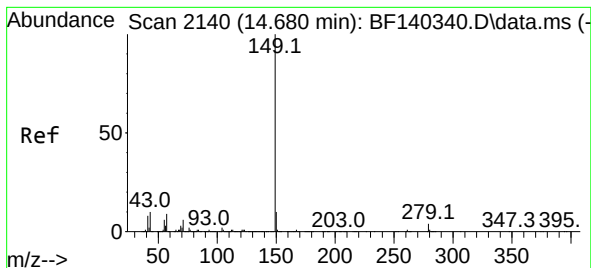
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 65.010 ng

RT: 14.639 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

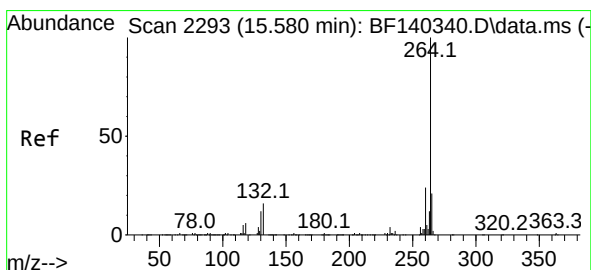
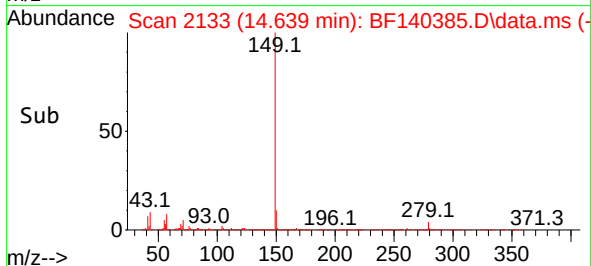
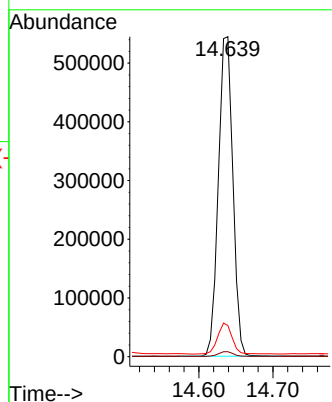
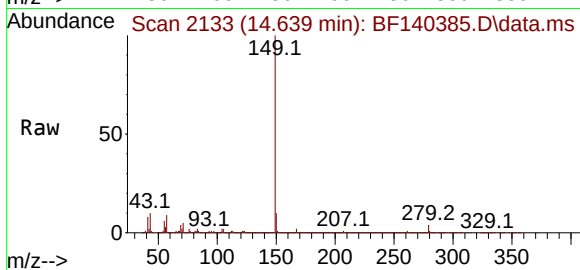
Tgt Ion:149 Resp: 738703

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.023 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

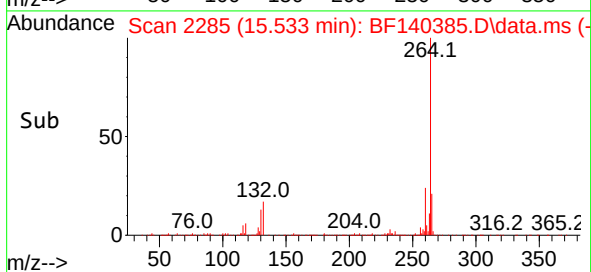
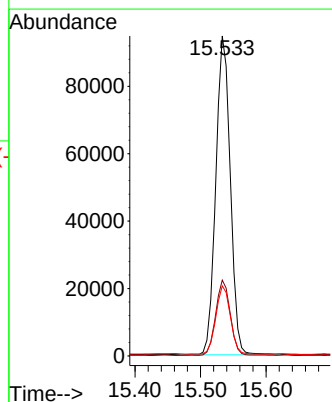
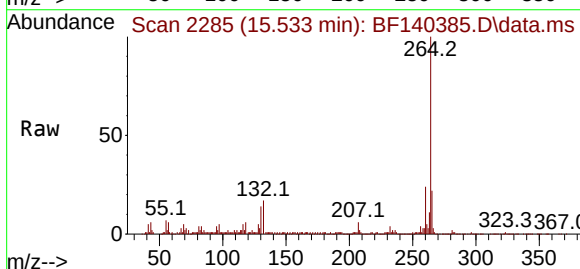
Tgt Ion:264 Resp: 145058

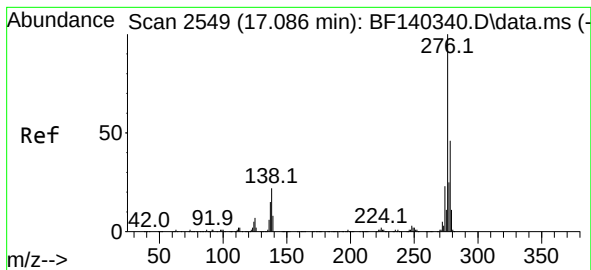
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.546 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

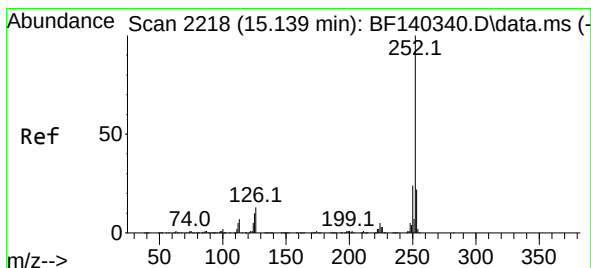
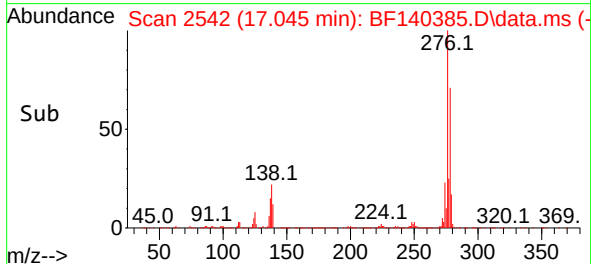
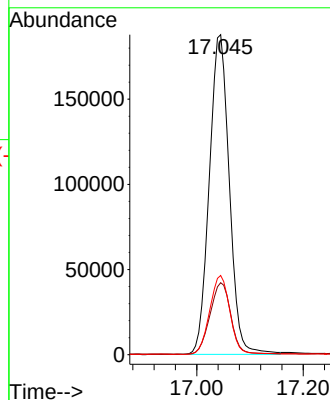
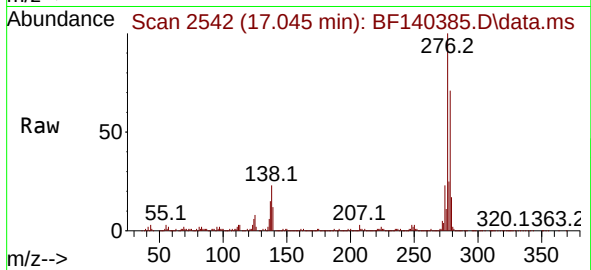
Tgt Ion:276 Resp: 488769

Ion Ratio Lower Upper

276 100

138 23.4 18.8 28.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.231 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

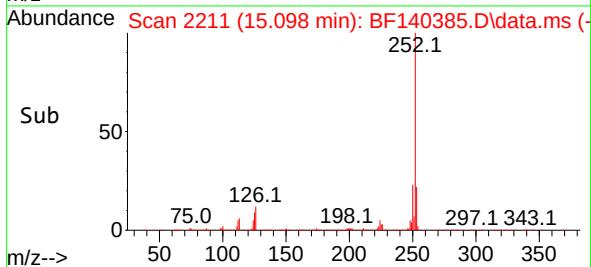
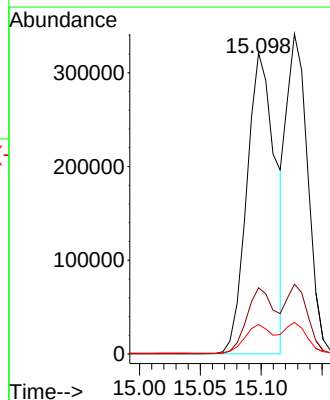
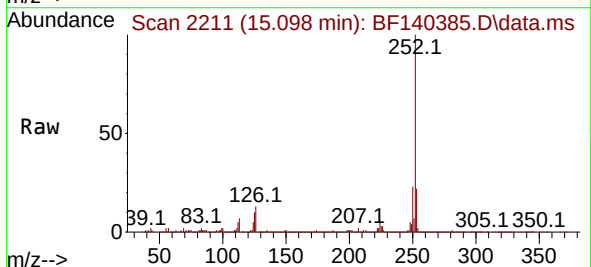
Tgt Ion:252 Resp: 524082

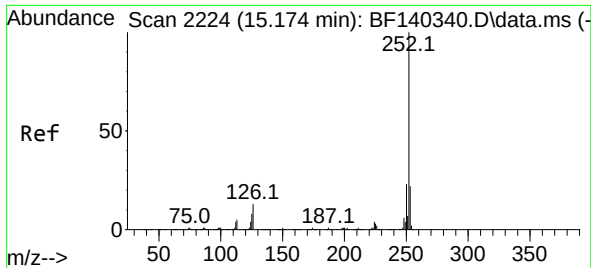
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0

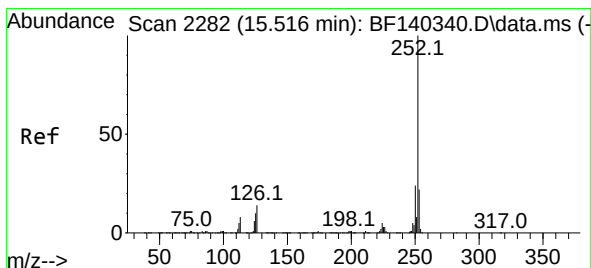
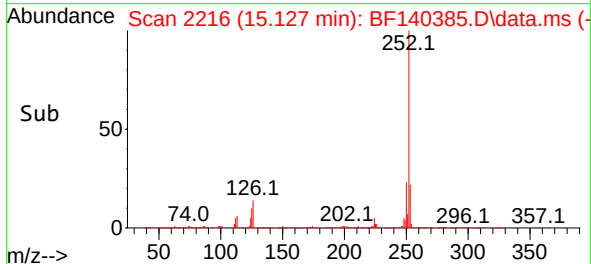
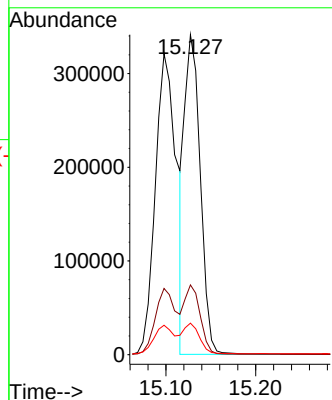
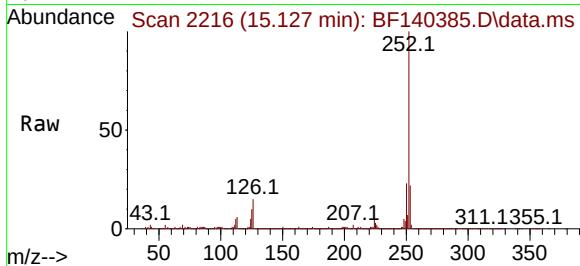




#89
Benzo(k)fluoranthene
Concen: 53.845 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

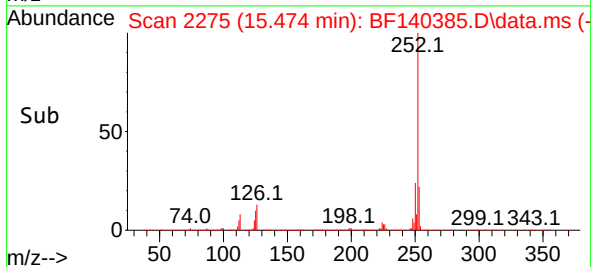
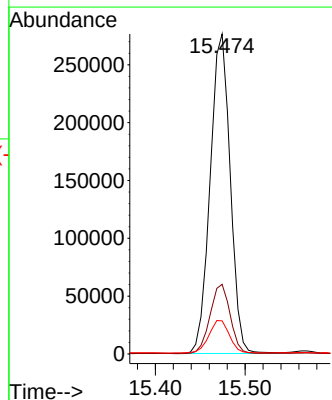
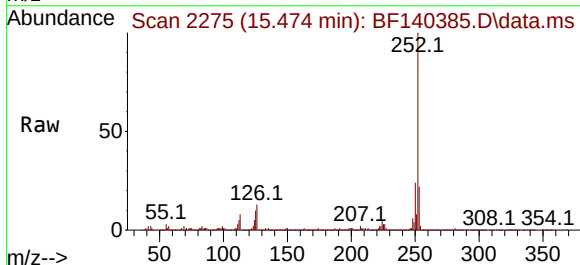
Instrument :
BNA_F
ClientSampleId :
BF-F14MSD

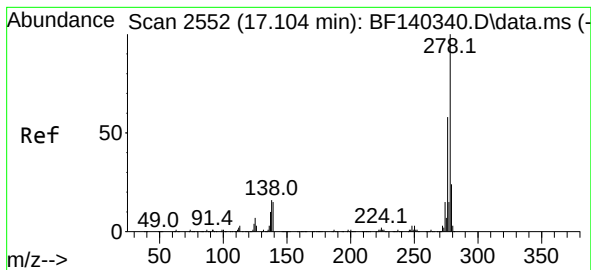
Tgt Ion:252 Resp: 417397
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 58.170 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.018 min
Lab File: BF140385.D
Acq: 15 Nov 2024 01:24

Tgt Ion:252 Resp: 428646
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 55.162 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Instrument :

BNA_F

ClientSampleId :

BF-F14MSD

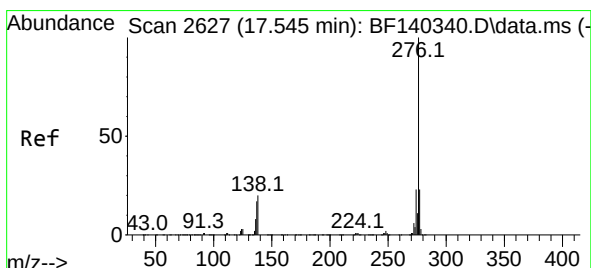
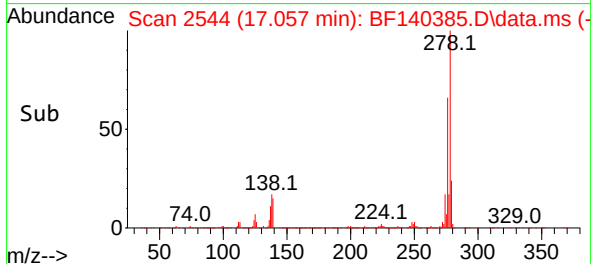
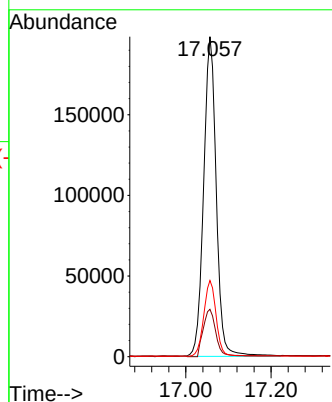
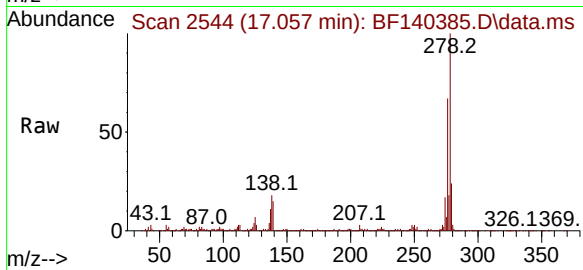
Tgt Ion:278 Resp: 408576

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.127 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.018 min

Lab File: BF140385.D

Acq: 15 Nov 2024 01:24

Tgt Ion:276 Resp: 364424

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 19.2 16.0 24.0

