

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135113.D
 Acq On : 06 Sep 2023 01:43
 Operator : CG\JU
 Sample : 03972-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356MSD

Quant Time: Sep 06 03:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	109806	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	442439	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	196696	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	289611	20.000	ng	0.00
76) Chrysene-d12	13.968	240	191038	20.000	ng	0.00
86) Perylene-d12	15.433	264	168294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	869536	122.316	ng	0.03
7) Phenol-d6	6.428	99	980498	110.655	ng	0.01
23) Nitrobenzene-d5	7.345	82	730872	92.806	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	250763	120.182	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1241132	102.732	ng	0.00
79) Terphenyl-d14	12.910	244	1031576	88.120	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	125273	41.601	ng	# 83
3) Pyridine	3.457	79	281425	34.666	ng	99
4) n-Nitrosodimethylamine	3.387	42	192768	48.555	ng	92
6) Aniline	6.445	93	89252	8.125	ng	# 24
8) 2-Chlorophenol	6.563	128	374324	51.830	ng	98
9) Benzaldehyde	6.334	77	128101	28.373	ng	96
10) Phenol	6.439	94	374376	40.245	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	356909	50.951	ng	97
12) 1,3-Dichlorobenzene	6.716	146	378411	50.856	ng	99
13) 1,4-Dichlorobenzene	6.792	146	386068	51.840	ng	98
14) 1,2-Dichlorobenzene	6.945	146	366420	52.725	ng	99
15) Benzyl Alcohol	6.928	79	319470	52.625	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	562092	47.917	ng	98
17) 2-Methylphenol	7.039	107	284064	45.137	ng	95
18) Hexachloroethane	7.281	117	143325	51.954	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	258059	49.030	ng	96
20) 3+4-Methylphenols	7.192	107	345086	46.478	ng	96
22) Acetophenone	7.187	105	508104	51.631	ng	95
24) Nitrobenzene	7.363	77	390854	48.383	ng	98
25) Isophorone	7.604	82	705753	47.266	ng	99
26) 2-Nitrophenol	7.675	139	194786	48.803	ng	94
27) 2,4-Dimethylphenol	7.716	122	264829	41.213	ng	92
28) bis(2-Chloroethoxy)met...	7.810	93	432682	48.038	ng	99
29) 2,4-Dichlorophenol	7.922	162	292659	47.920	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	330271	50.043	ng	100
31) Naphthalene	8.081	128	1030506	47.680	ng	100
32) Benzoic acid	7.875	122	248348	48.314	ng	98
33) 4-Chloroaniline	8.128	127	44655	4.724	ng	96
34) Hexachlorobutadiene	8.192	225	189605	50.623	ng	96
35) Caprolactam	8.522	113	71767	35.890	ng	# 81
36) 4-Chloro-3-methylphenol	8.622	107	311297	46.930	ng	93
37) 2-Methylnaphthalene	8.769	142	643929	44.653	ng	100
38) 1-Methylnaphthalene	8.869	142	613256	45.449	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	299819	54.451	ng	100
41) Hexachlorocyclopentadiene	8.916	237	143705	61.318	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	197373	53.374	ng	98

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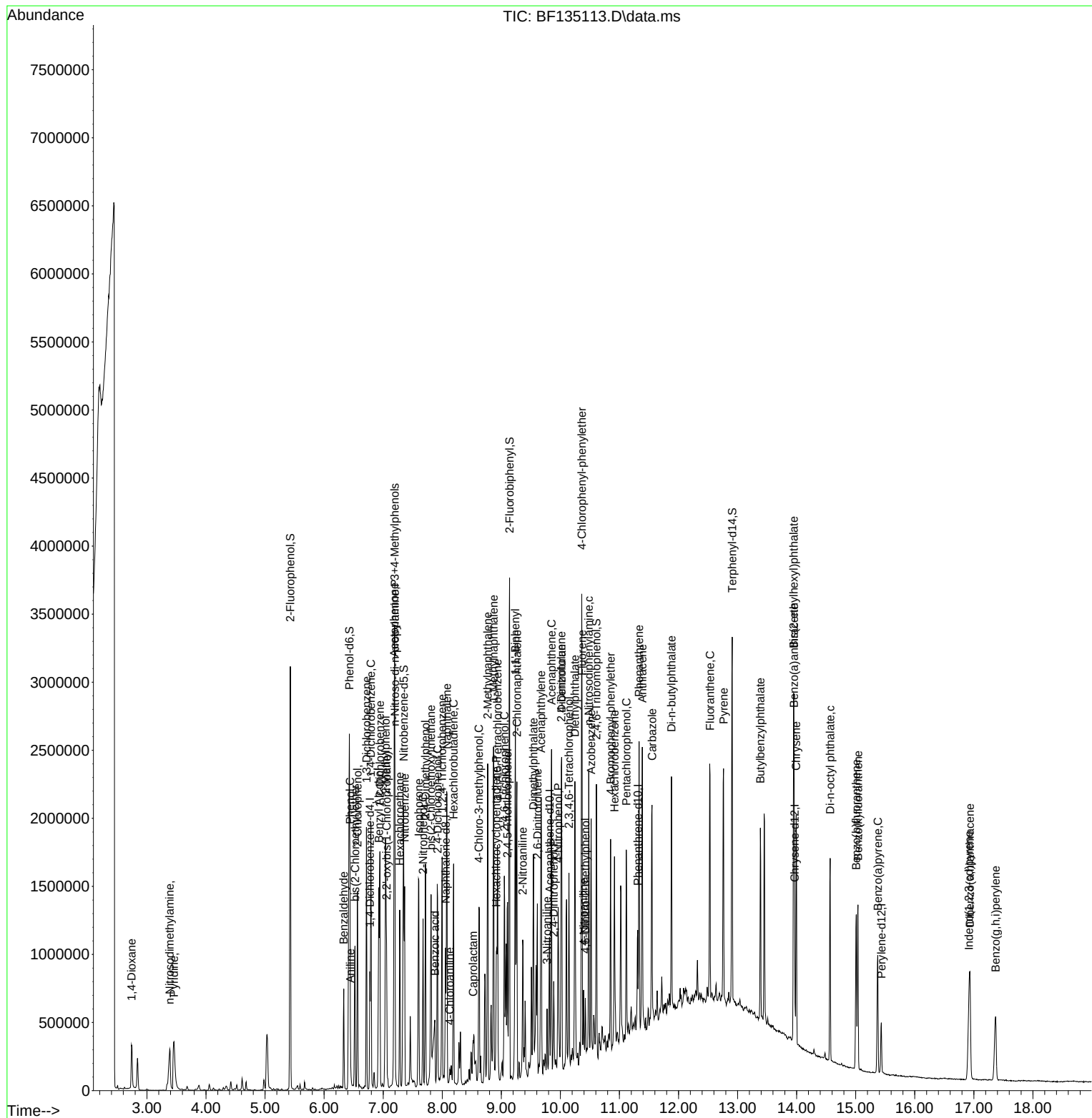
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	202342	47.263	ng	97
46) 1,1'-Biphenyl	9.239	154	800063	53.238	ng	99
47) 2-Chloronaphthalene	9.263	162	595882	52.729	ng	97
48) 2-Nitroaniline	9.363	65	201016	51.962	ng	89
49) Acenaphthylene	9.675	152	848007	49.640	ng	99
50) Dimethylphthalate	9.545	163	724872	52.630	ng	99
51) 2,6-Dinitrotoluene	9.610	165	148674	49.195	ng	94
52) Acenaphthene	9.851	154	539592	49.565	ng	98
53) 3-Nitroaniline	9.775	138	62917	17.872	ng	92
54) 2,4-Dinitrophenol	9.886	184	59466	41.171	ng	96
55) Dibenzofuran	10.022	168	764358	48.672	ng	100
56) 4-Nitrophenol	9.963	139	179207	72.418	ng	93
57) 2,4-Dinitrotoluene	10.016	165	175788	46.675	ng	96
58) Fluorene	10.369	166	553928	46.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	153224	46.478	ng	# 95
60) Diethylphthalate	10.245	149	695739	53.663	ng	99
61) 4-Chlorophenyl-phenylether	10.363	204	278268	46.989	ng	96
62) 4-Nitroaniline	10.392	138	99440	28.868	ng	92
63) Azobenzene	10.522	77	585693	44.865	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	47271	26.969	ng	85
66) n-Nitrosodiphenylamine	10.480	169	506681	56.267	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	165933	54.019	ng	97
68) Hexachlorobenzene	10.916	284	177364	55.841	ng	96
69) Atrazine	11.027	200	157851	Below Cal		97
70) Pentachlorophenol	11.116	266	160510	83.529	ng	99
71) Phenanthrene	11.333	178	768752	51.452	ng	100
72) Anthracene	11.386	178	731553	47.922	ng	99
73) Carbazole	11.551	167	666661	50.632	ng	99
74) Di-n-butylphthalate	11.880	149	826877	52.097	ng	99
75) Fluoranthene	12.533	202	740714	49.033	ng	98
78) Pyrene	12.763	202	745765	41.115	ng	99
80) Butylbenzylphthalate	13.386	149	324221	49.480	ng	97
81) Benzo(a)anthracene	13.957	228	650519	49.919	ng	99
83) Chrysene	13.992	228	627955	49.033	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	407695	60.121	ng	98
85) Di-n-octyl phthalate	14.568	149	716418	69.215	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	506288	44.663	ng	98
88) Benzo(b)fluoranthene	15.010	252	581013	55.485	ng	99
89) Benzo(k)fluoranthene	15.039	252	522323	51.631	ng	99
90) Benzo(a)pyrene	15.374	252	440500	45.283	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	425475	46.343	ng	97
92) Benzo(g,h,i)perylene	17.368	276	401595	42.057	ng	98

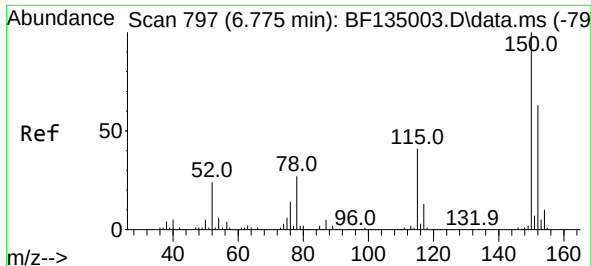
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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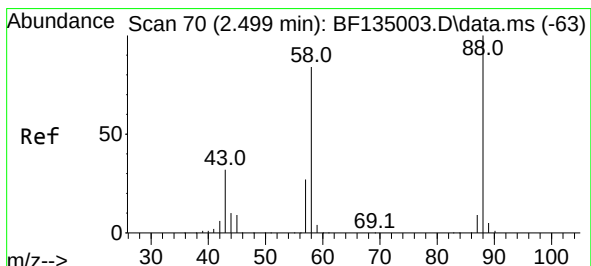
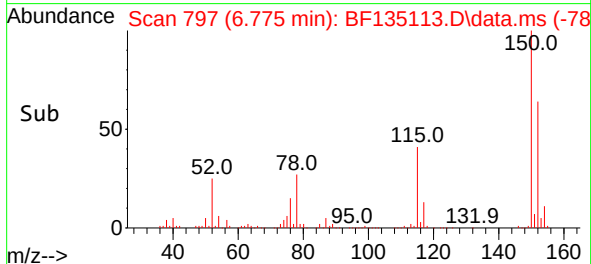
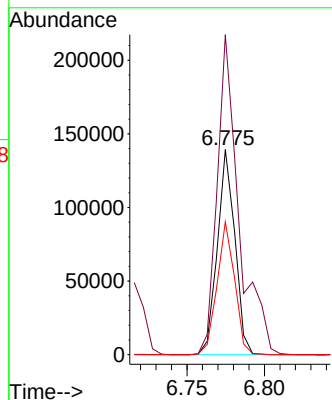
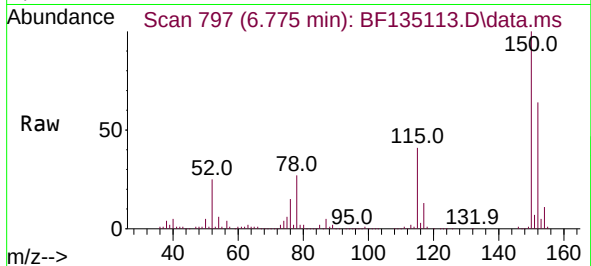




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135113.D
 Acq: 06 Sep 2023 01:43

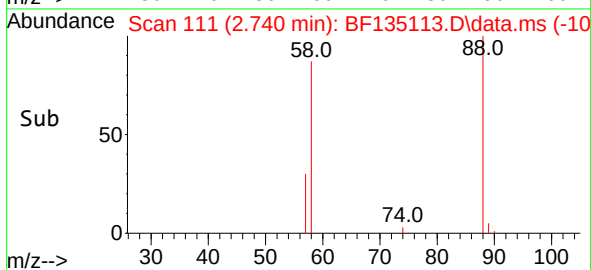
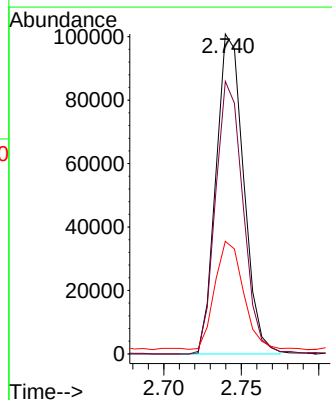
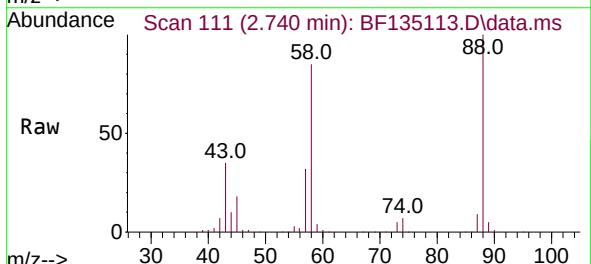
Instrument :
 BNA_F
 ClientSampleId :
 356MSD

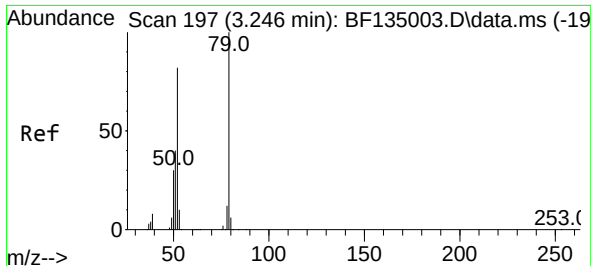
Tgt Ion:152 Resp: 109806
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.4
 115 64.8 51.2 76.8



#2
 1,4-Dioxane
 Concen: 41.601 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.241 min
 Lab File: BF135113.D
 Acq: 06 Sep 2023 01:43

Tgt Ion: 88 Resp: 125273
 Ion Ratio Lower Upper
 88 100
 58 84.9 67.1 100.7
 43 0.0 25.9 38.9

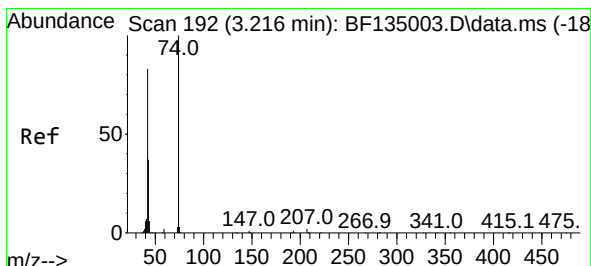
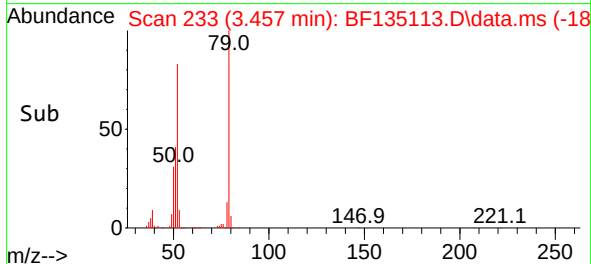
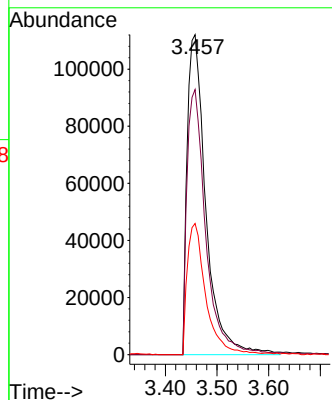
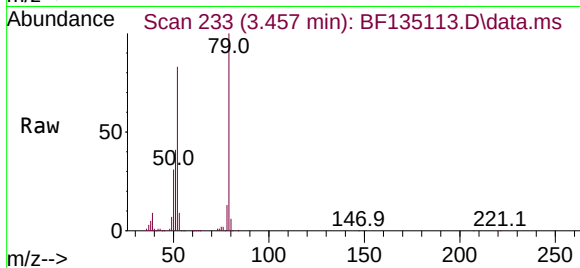




#3
 Pyridine
 Concen: 34.666 ng
 RT: 3.457 min Scan# 231
 Delta R.T. 0.212 min
 Lab File: BF135113.D
 Acq: 06 Sep 2023 01:43

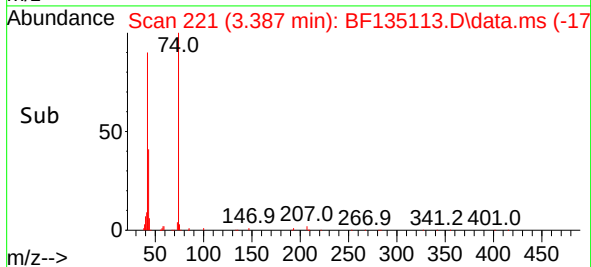
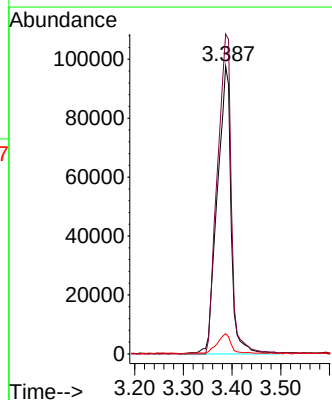
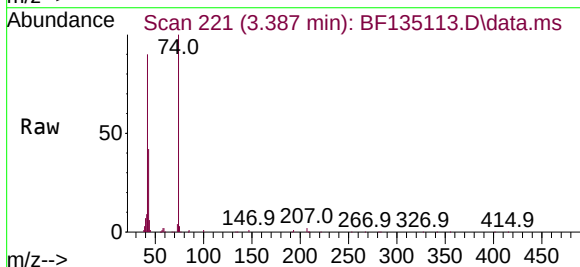
Instrument :
 BNA_F
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 356MSD

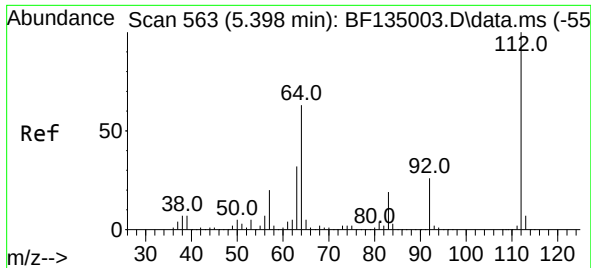
Tgt Ion: 79 Resp: 281425
 Ion Ratio Lower Upper
 79 100
 52 82.8 65.4 98.2
 51 41.0 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 48.555 ng
 RT: 3.387 min Scan# 221
 Delta R.T. 0.171 min
 Lab File: BF135113.D
 Acq: 06 Sep 2023 01:43

Tgt Ion: 42 Resp: 192768
 Ion Ratio Lower Upper
 42 100
 74 111.2 96.2 144.2
 44 7.0 5.8 8.6

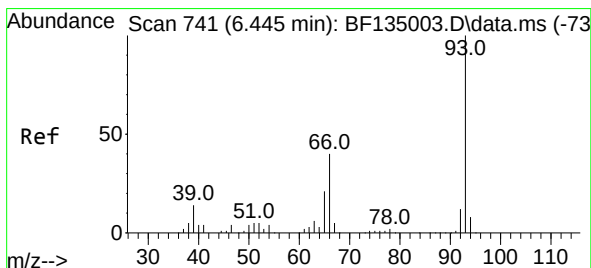
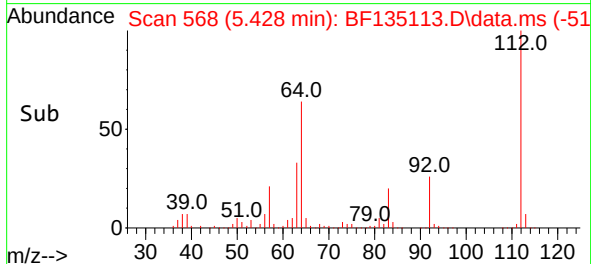
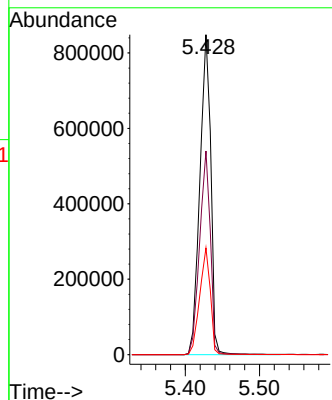
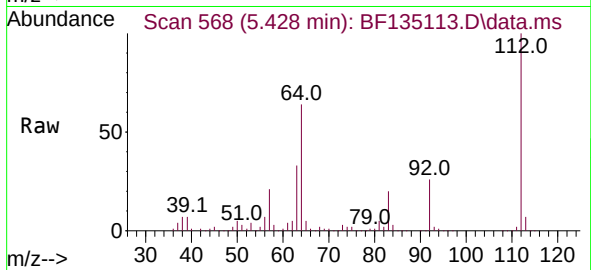




#5
2-Fluorophenol
Concen: 122.316 ng
RT: 5.428 min Scan# 563
Delta R.T. 0.029 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

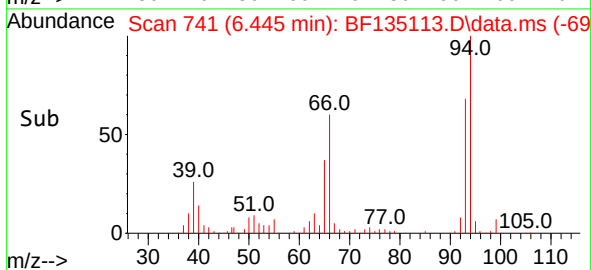
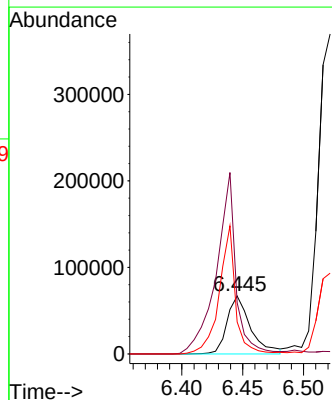
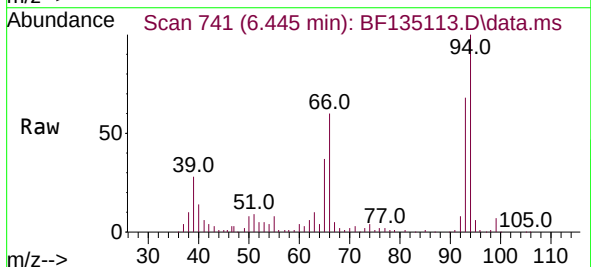
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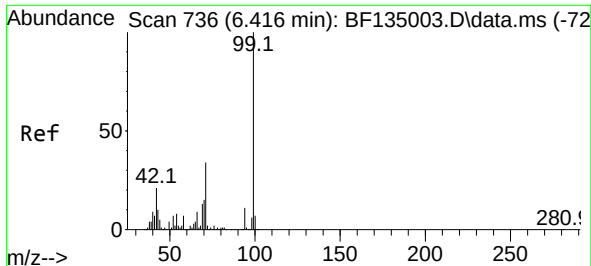
Tgt Ion:112 Resp: 869536
Ion Ratio Lower Upper
112 100
64 63.6 50.5 75.7
63 33.3 25.9 38.9



#6
Aniline
Concen: 8.125 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion: 93 Resp: 89252
Ion Ratio Lower Upper
93 100
66 88.4 32.4 48.6#
65 55.3 16.6 24.8#





#7

Phenol-d6

Concen: 110.655 ng

RT: 6.428 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

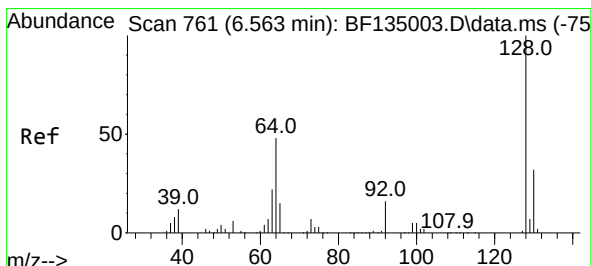
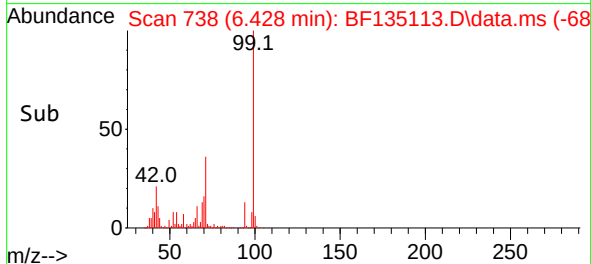
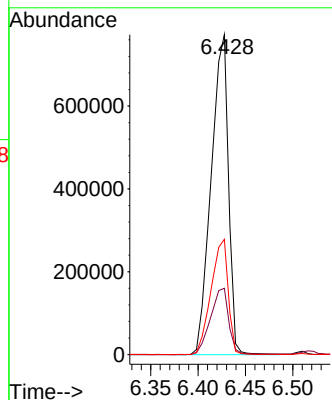
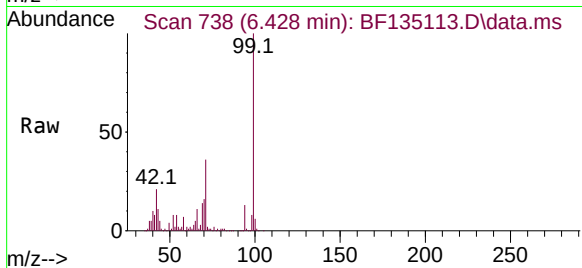
Tgt Ion: 99 Resp: 980498

Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

71 36.0 27.0 40.6



#8

2-Chlorophenol

Concen: 51.830 ng

RT: 6.563 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF135113.D

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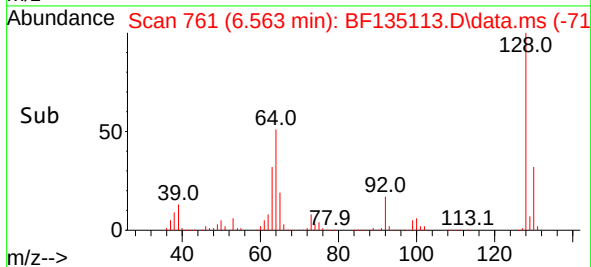
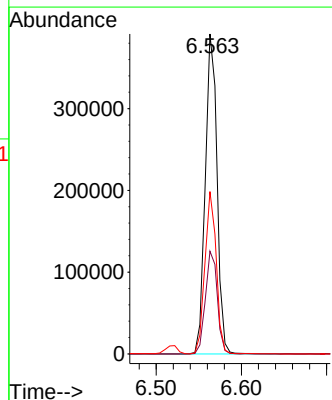
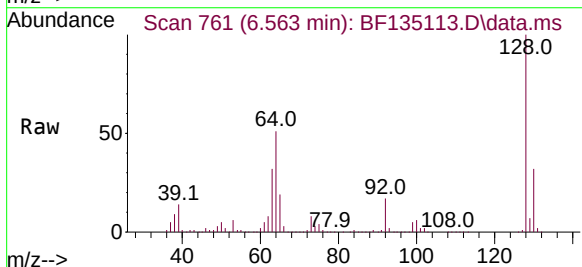
Tgt Ion: 128 Resp: 374324

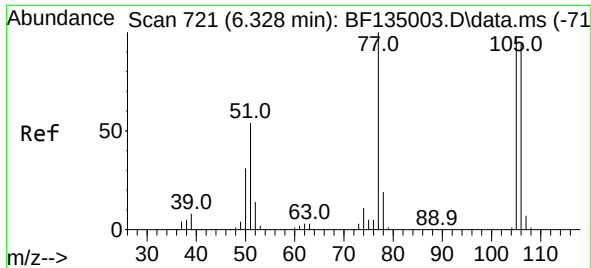
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 50.7 29.0 69.0





#9

Benzaldehyde

Concen: 28.373 ng

RT: 6.334 min Scan# 71

Delta R.T. 0.006 min

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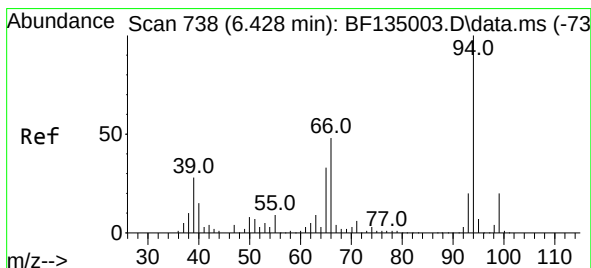
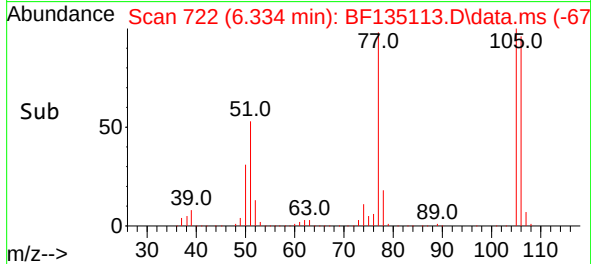
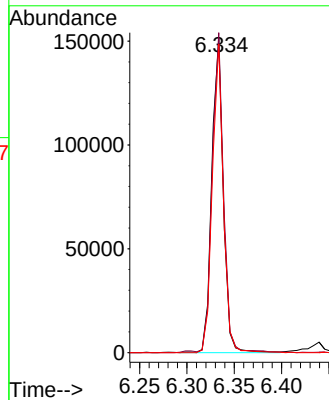
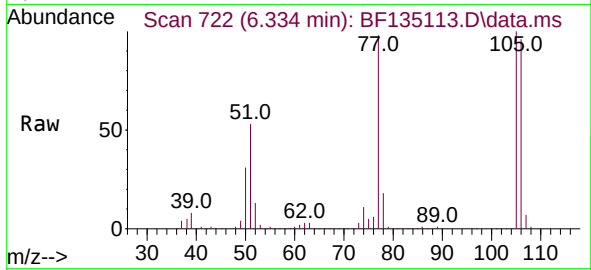
Tgt Ion: 77 Resp: 128101

Ion Ratio Lower Upper

77 100

105 101.9 78.4 118.4

106 98.3 74.3 114.3



#10

Phenol

Concen: 40.245 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.012 min

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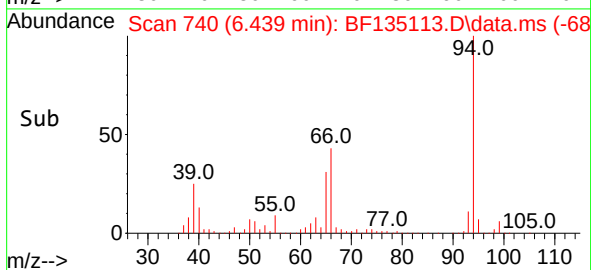
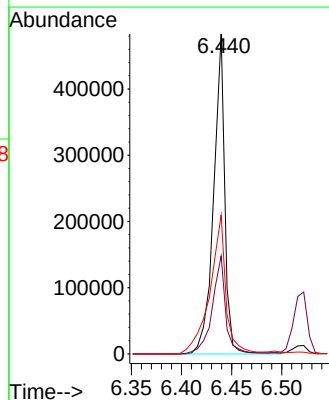
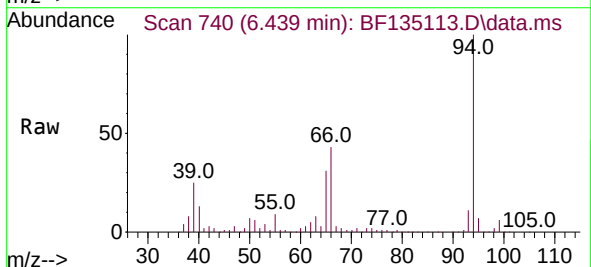
Tgt Ion: 94 Resp: 374376

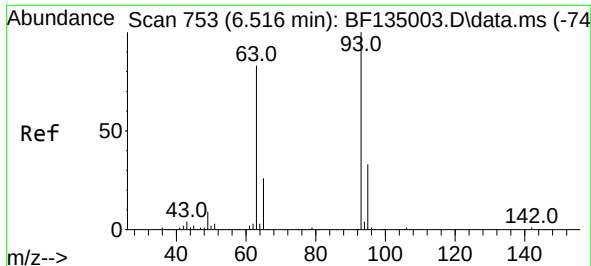
Ion Ratio Lower Upper

94 100

65 30.6 13.2 53.2

66 43.4 27.5 67.5

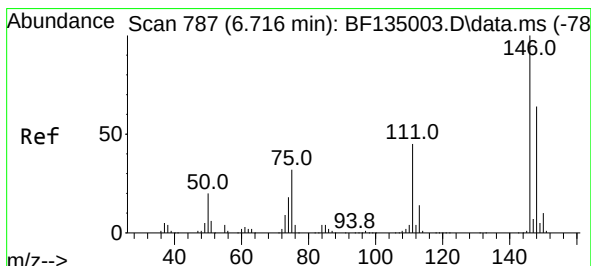
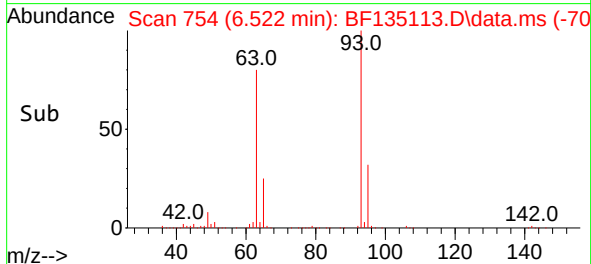
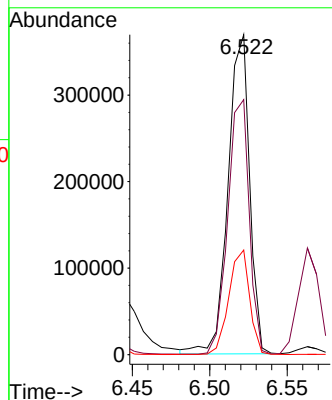
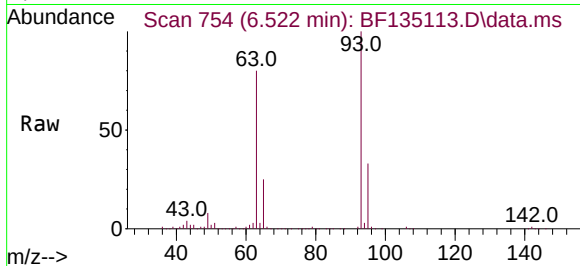




#11
bis(2-Chloroethyl)ether
Concen: 50.951 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

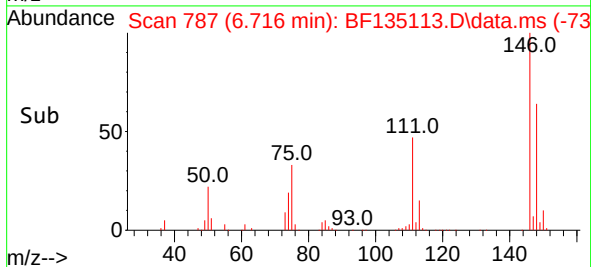
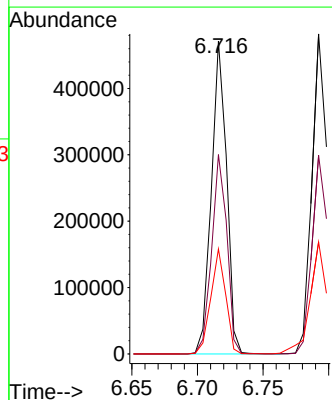
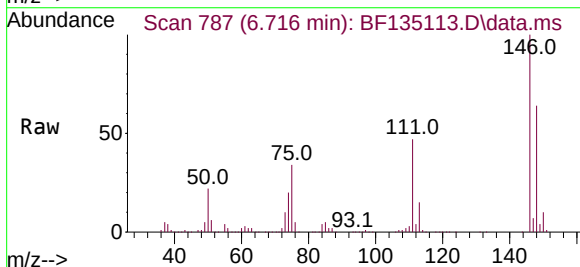
Instrument :
BNA_F
ClientSampleId :
356MSD

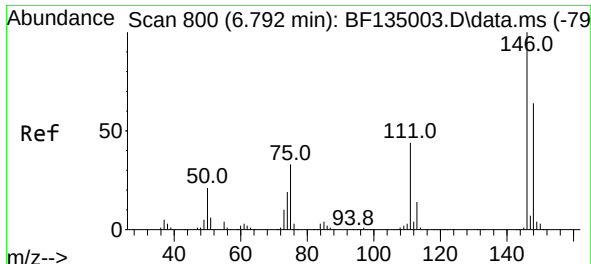
Tgt Ion: 93 Resp: 356909
Ion Ratio Lower Upper
93 100
63 79.7 62.8 102.8
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.856 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:146 Resp: 378411
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
75 33.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 51.840 ng

RT: 6.792 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

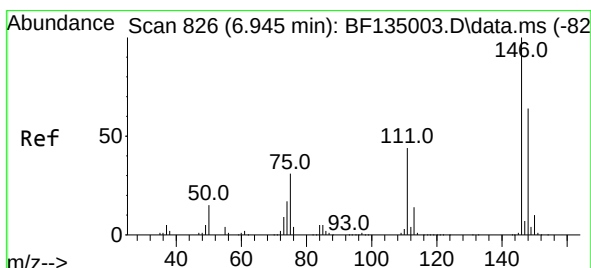
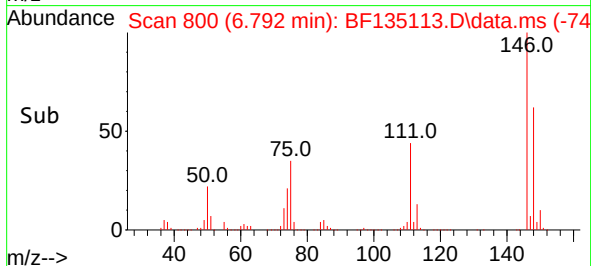
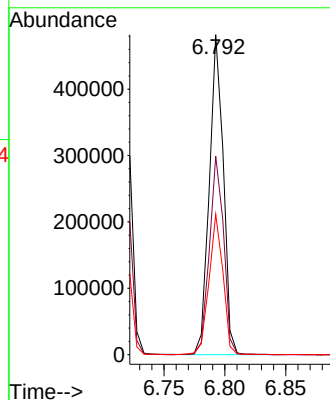
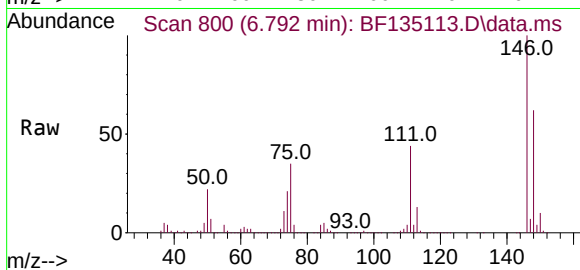
Tgt Ion:146 Resp: 386068

Ion Ratio Lower Upper

146 100

148 62.0 51.5 77.3

111 43.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 52.725 ng

RT: 6.945 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

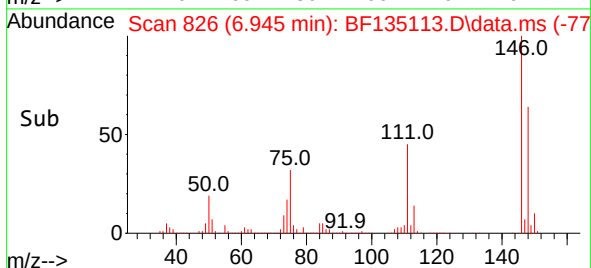
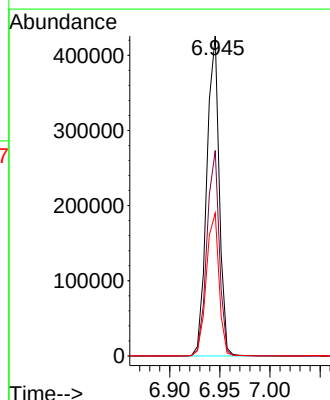
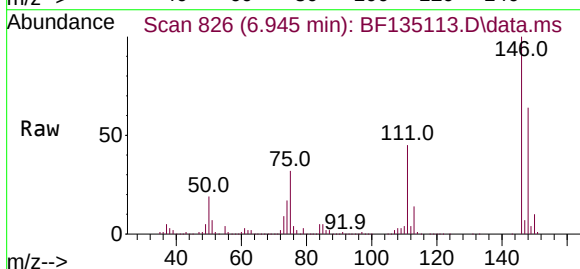
Tgt Ion:146 Resp: 366420

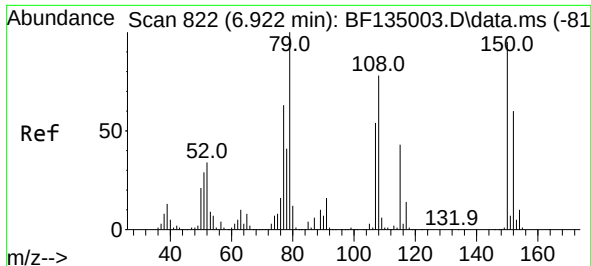
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 44.6 35.3 52.9

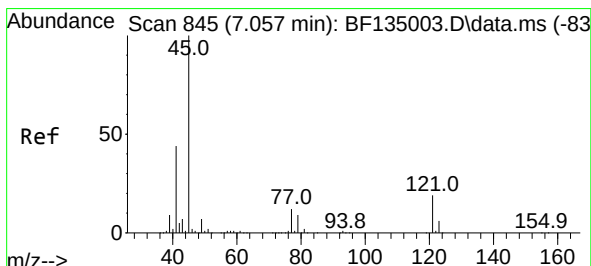
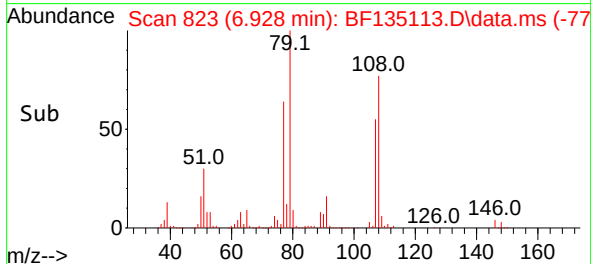
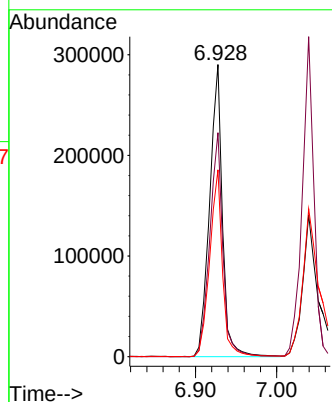
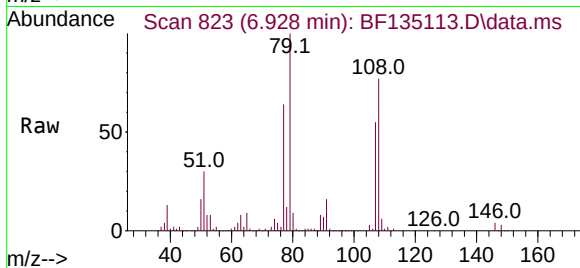




#15
Benzyl Alcohol
Concen: 52.625 ng
RT: 6.928 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

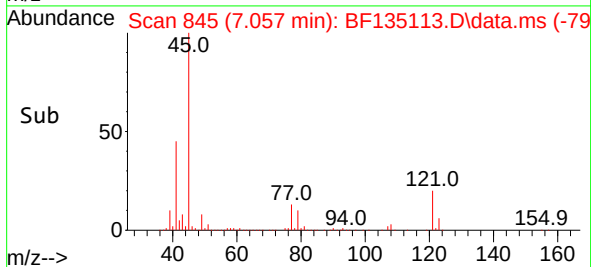
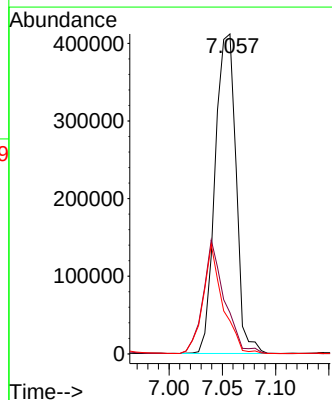
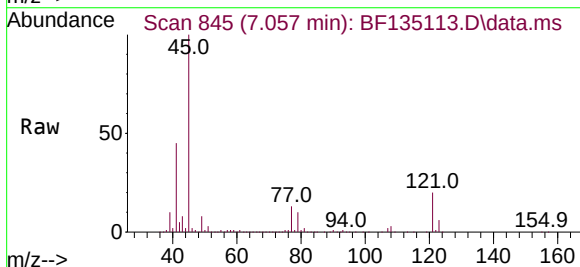
Instrument :
BNA_F
ClientSampleId :
356MSD

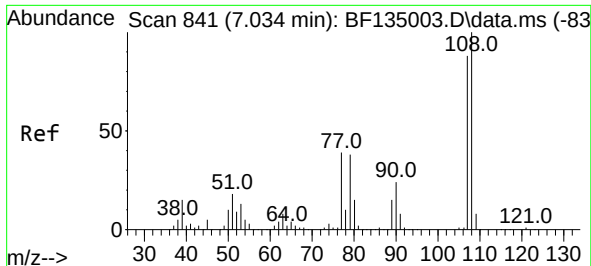
Tgt Ion: 79 Resp: 319470
Ion Ratio Lower Upper
79 100
108 76.6 62.5 93.7
77 64.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.917 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion: 45 Resp: 562092
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.3
79 10.3 0.0 29.5

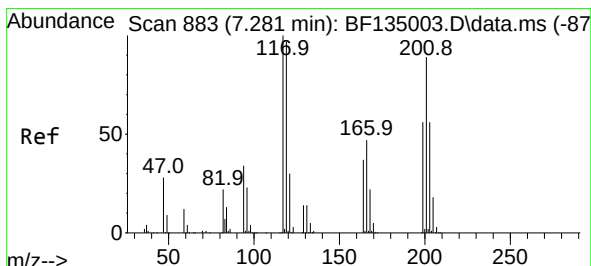
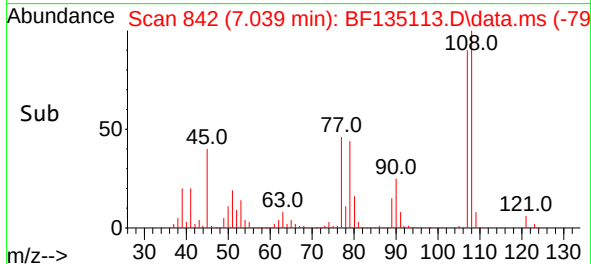
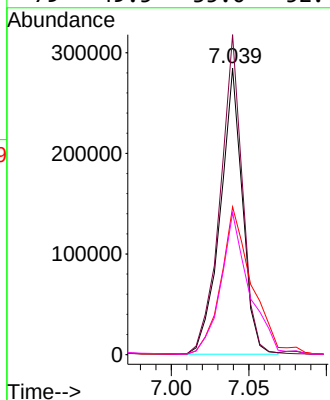
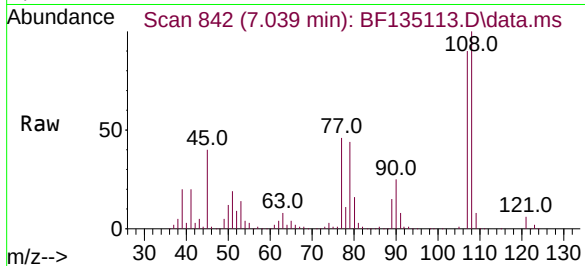




#17
2-Methylphenol
Concen: 45.137 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

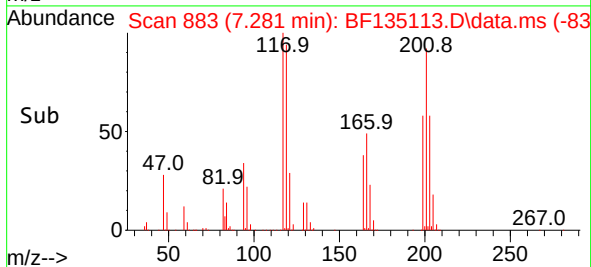
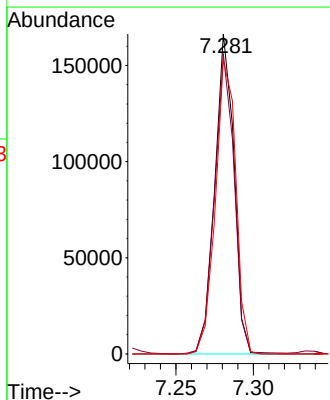
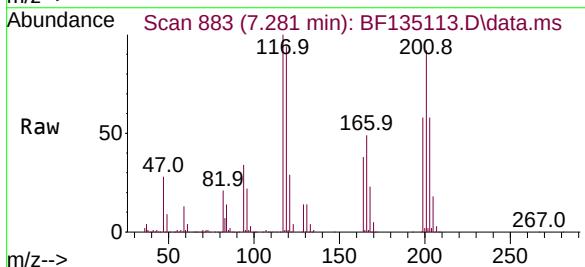
Instrument :
BNA_F
ClientSampleId :
356MSD

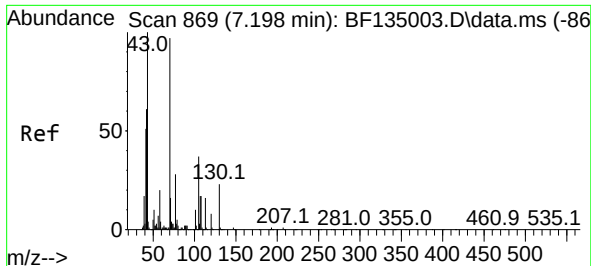
Tgt Ion:107 Resp: 284064
Ion Ratio Lower Upper
107 100
108 111.7 91.2 136.8
77 51.6 36.0 54.0
79 49.5 35.0 52.4



#18
Hexachloroethane
Concen: 51.954 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:117 Resp: 143325
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.2
201 91.8 71.4 107.2

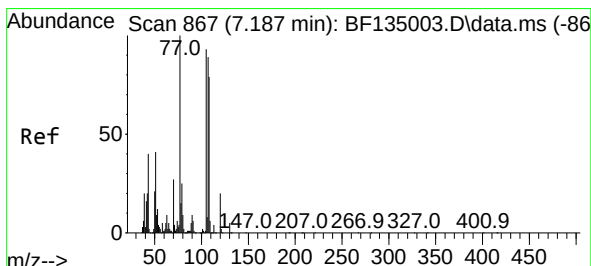
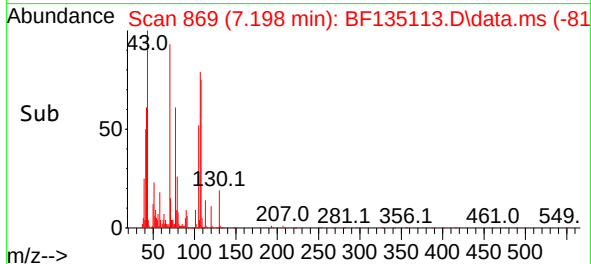
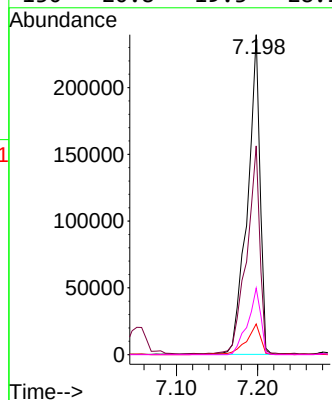
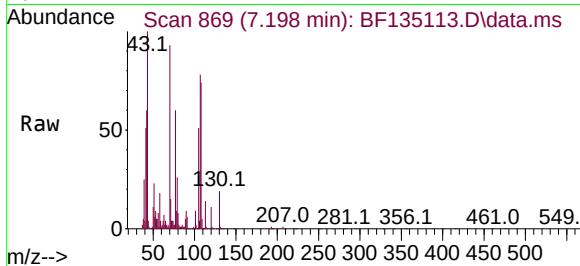




#19
n-Nitroso-di-n-propylamine
Concen: 49.030 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

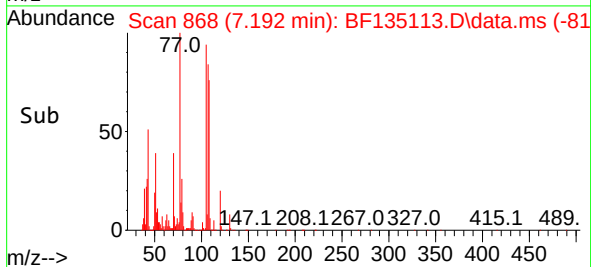
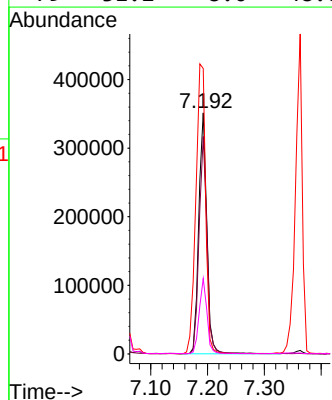
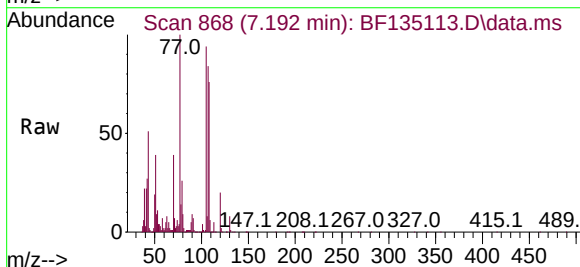
Instrument :
BNA_F
ClientSampleId :
356MSD

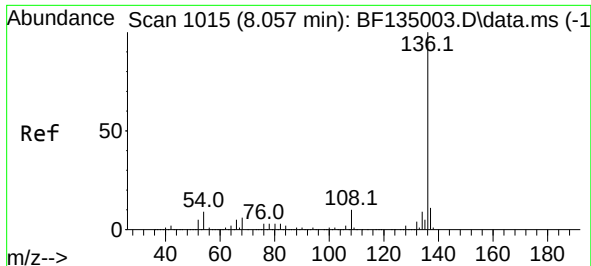
Tgt Ion: 70 Resp: 258059
Ion Ratio Lower Upper
70 100
42 65.2 50.2 75.4
101 9.6 8.1 12.1
130 20.8 19.3 28.9



#20
3+4-Methylphenols
Concen: 46.478 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion: 107 Resp: 345086
Ion Ratio Lower Upper
107 100
108 90.2 68.6 108.6
77 118.4 92.3 132.3
79 31.2 8.0 48.0

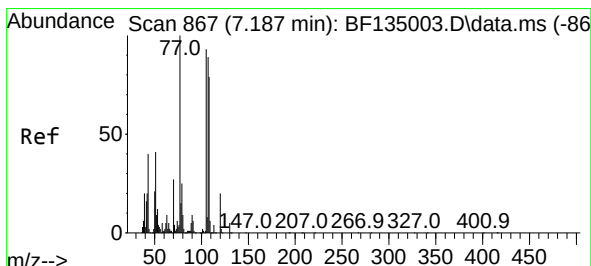
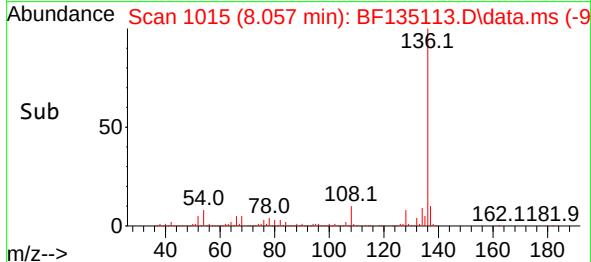
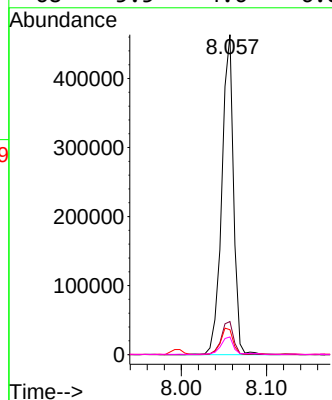
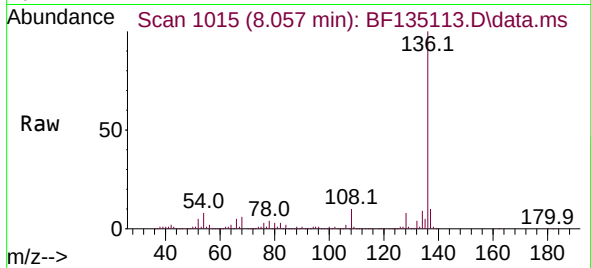




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

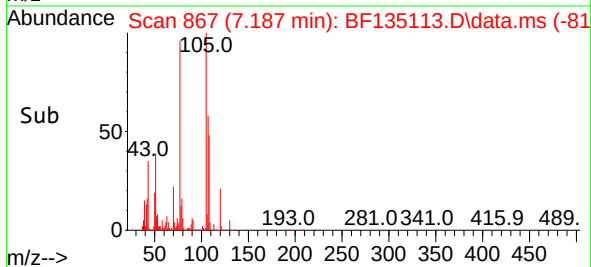
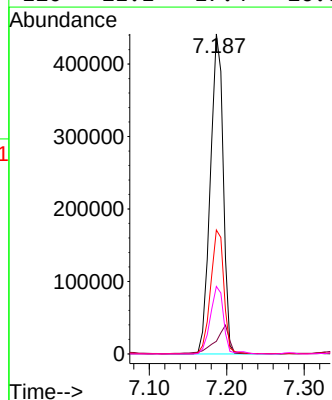
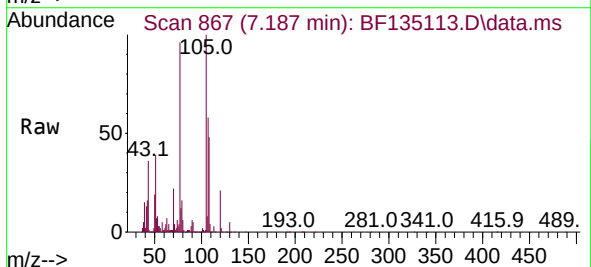
Instrument :
BNA_F
ClientSampleId :
356MSD

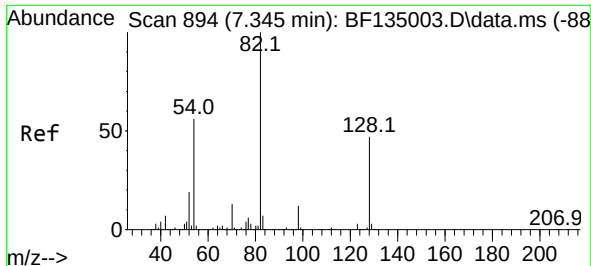
Tgt Ion:	136	Resp:	442439
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	7.8	7.0	10.4
68	5.5	4.6	6.8



#22
Acetophenone
Concen: 51.631 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:	105	Resp:	508104
Ion Ratio	Lower	Upper	
105	100		
71	3.9	3.8	5.6
51	38.7	35.0	52.6
120	21.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 92.806 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

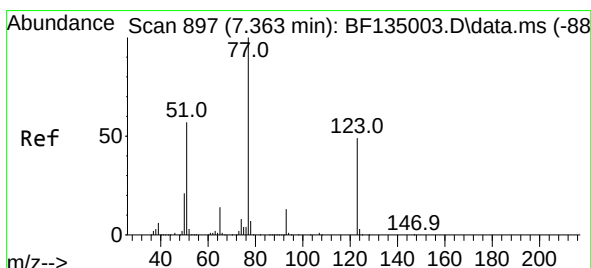
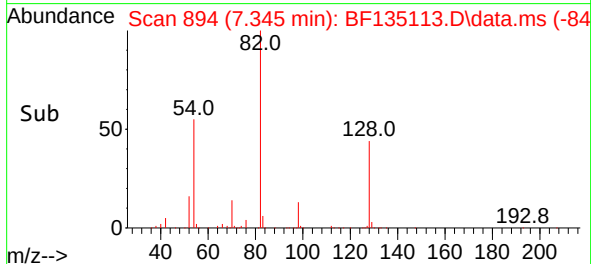
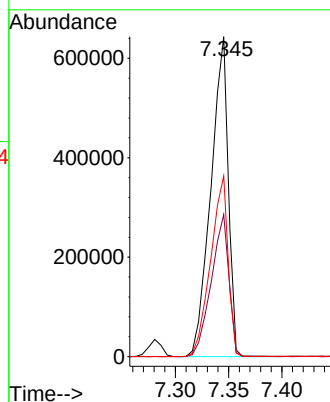
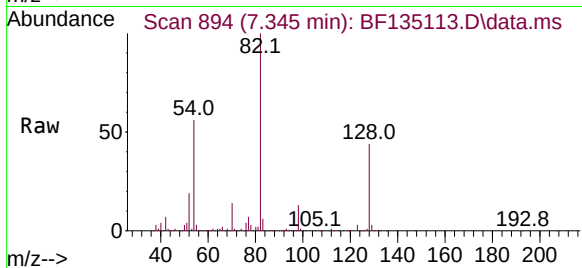
Tgt Ion: 82 Resp: 730872

Ion Ratio Lower Upper

82 100

128 44.4 37.8 56.8

54 56.5 45.0 67.6



#24

Nitrobenzene

Concen: 48.383 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

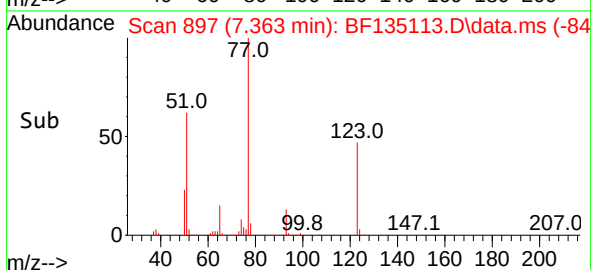
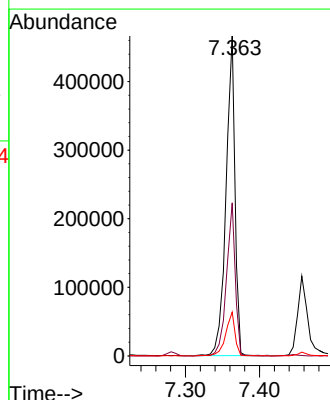
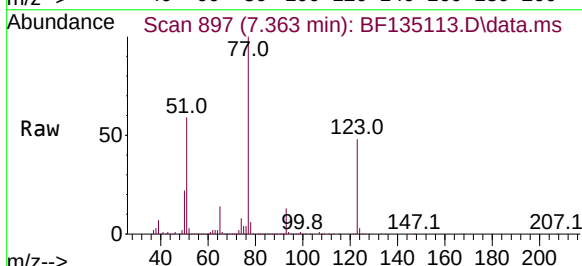
Tgt Ion: 77 Resp: 390854

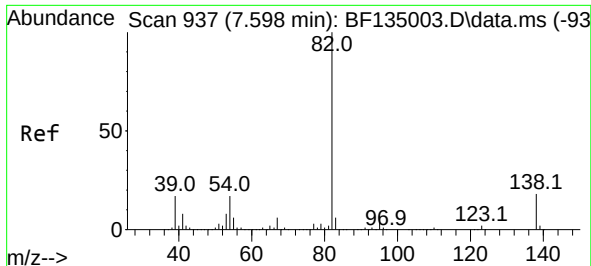
Ion Ratio Lower Upper

77 100

123 47.8 39.4 59.2

65 13.7 11.4 17.2

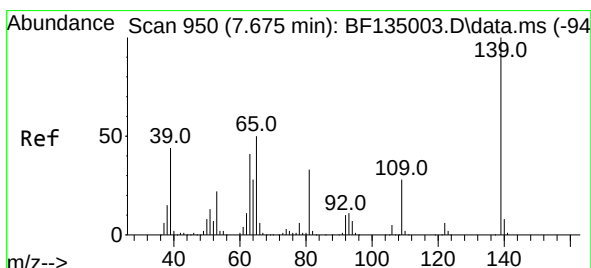
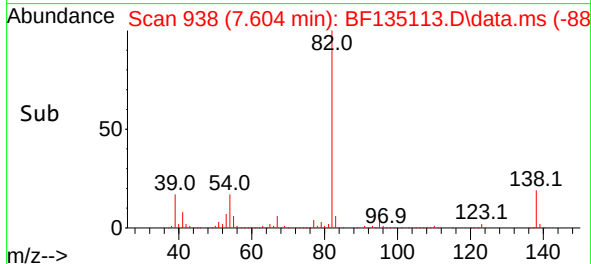
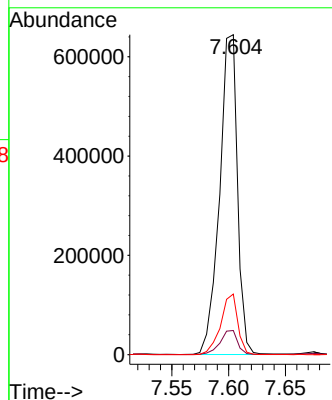
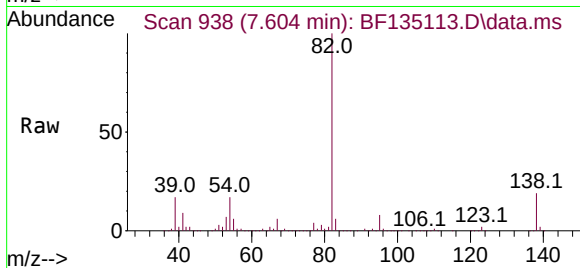




#25
Isophorone
Concen: 47.266 ng
RT: 7.604 min Scan# 937
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

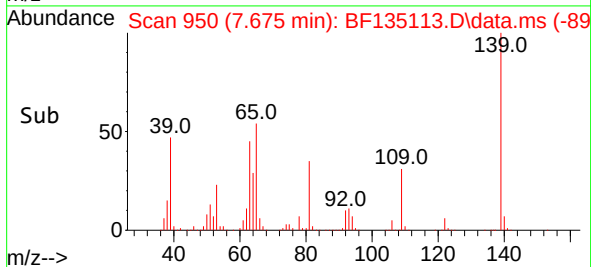
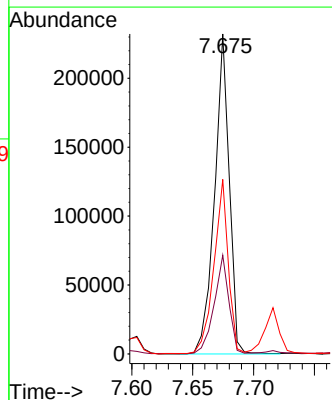
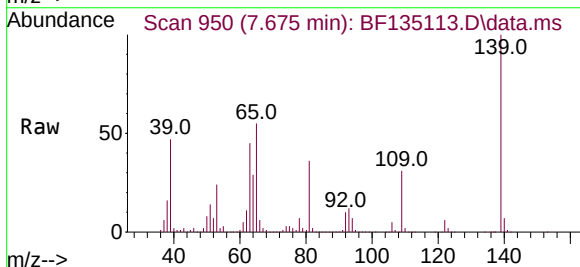
Instrument :
BNA_F
ClientSampleId :
356MSD

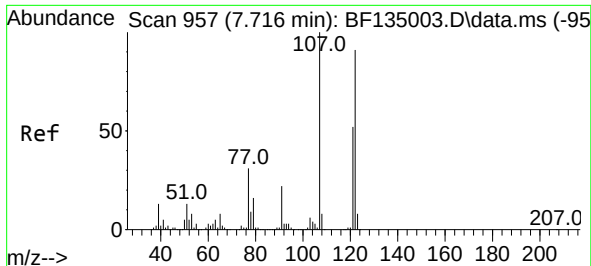
Tgt Ion: 82 Resp: 705753
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 19.0 14.7 22.1



#26
2-Nitrophenol
Concen: 48.803 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:139 Resp: 194786
Ion Ratio Lower Upper
139 100
109 30.8 22.6 34.0
65 54.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 41.213 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

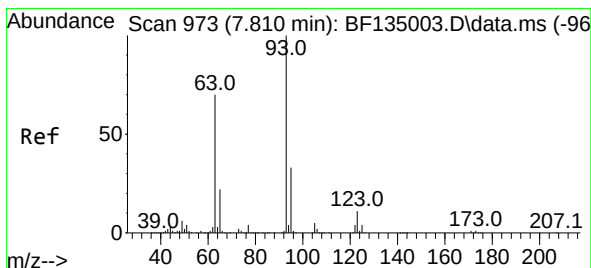
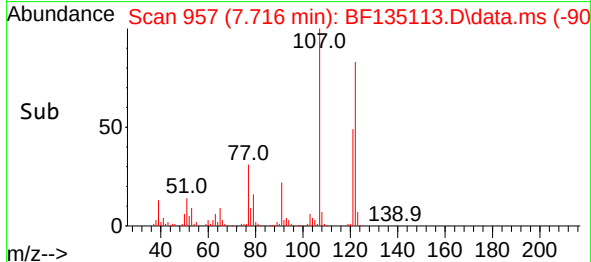
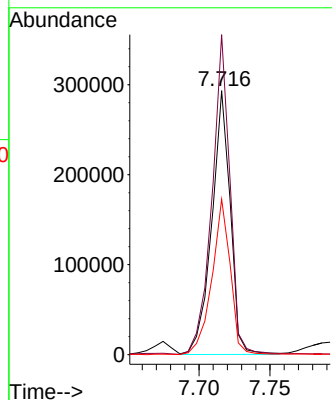
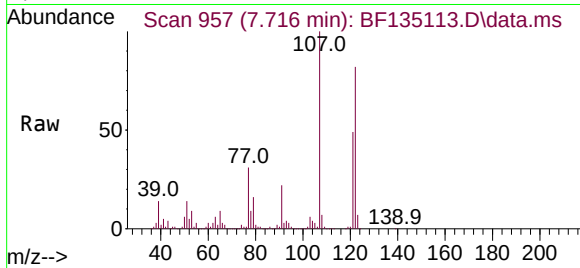
Tgt Ion:122 Resp: 264829

Ion Ratio Lower Upper

122 100

107 121.2 87.8 131.8

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.038 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

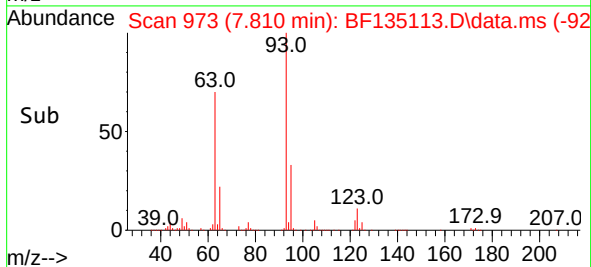
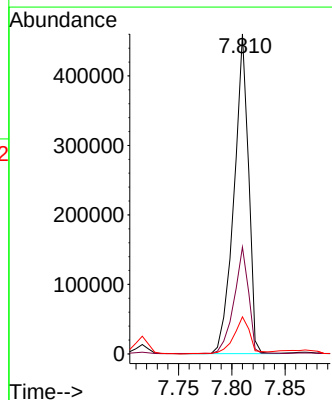
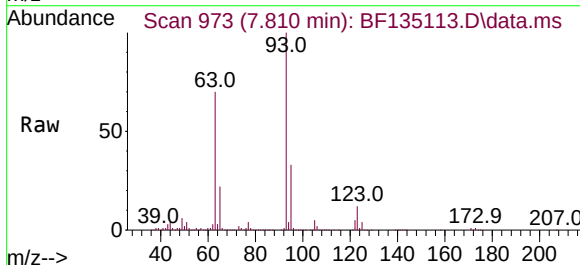
Tgt Ion: 93 Resp: 432682

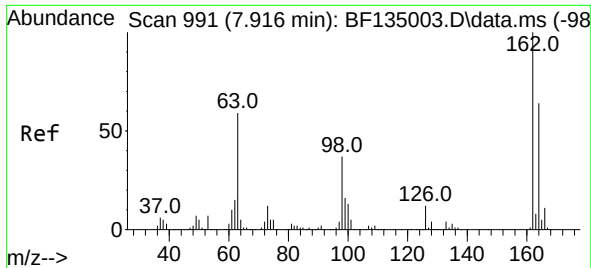
Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.920 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

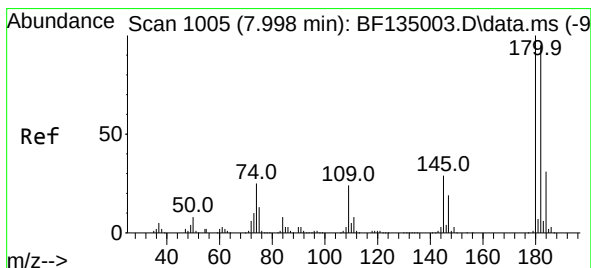
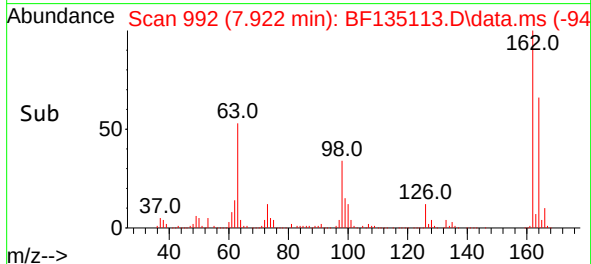
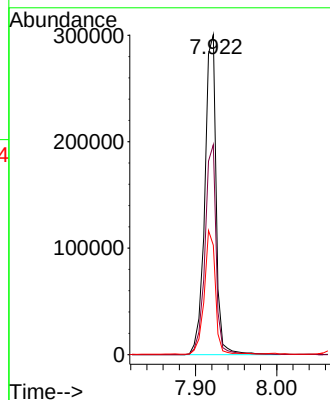
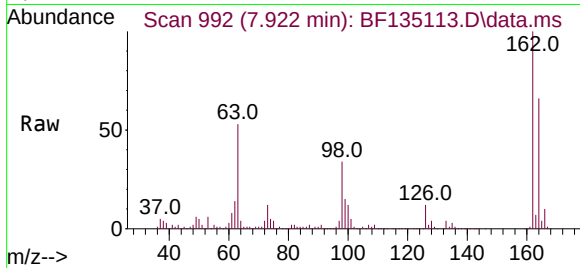
Tgt Ion:162 Resp: 292659

Ion Ratio Lower Upper

162 100

164 65.6 44.2 84.2

98 34.2 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 50.043 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

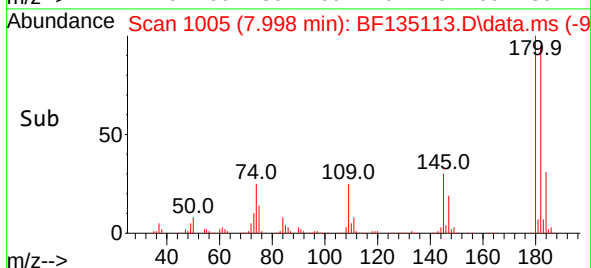
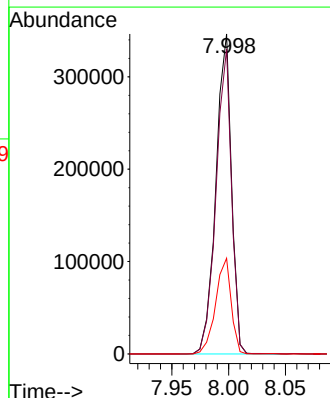
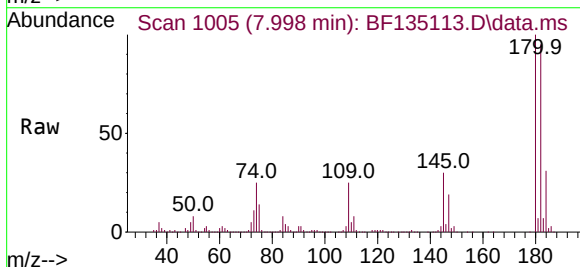
Tgt Ion:180 Resp: 330271

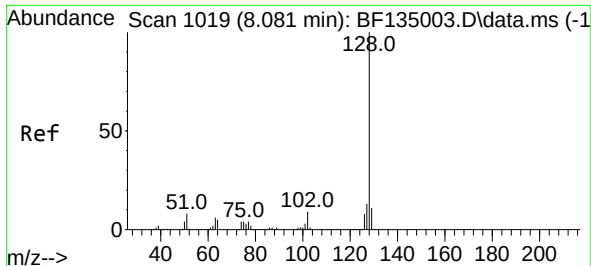
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 29.9 23.5 35.3

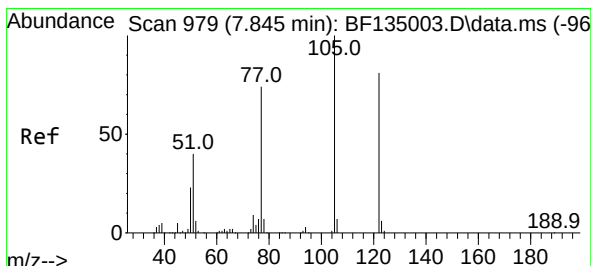
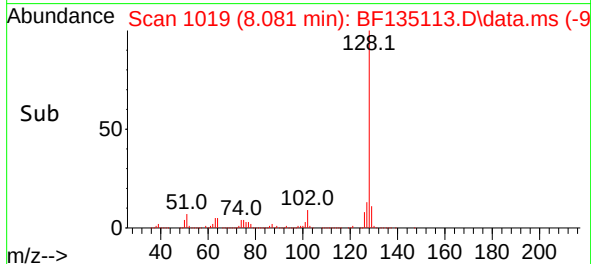
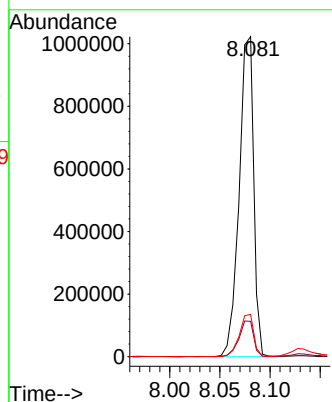
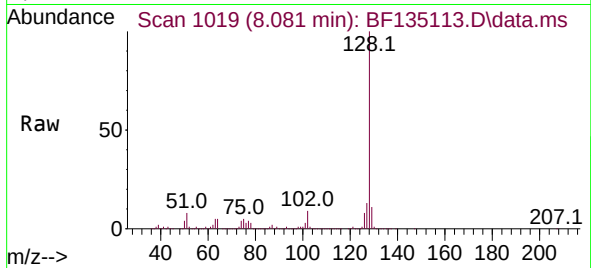




#31
Naphthalene
Concen: 47.680 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

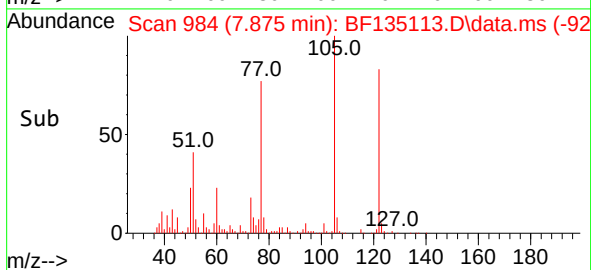
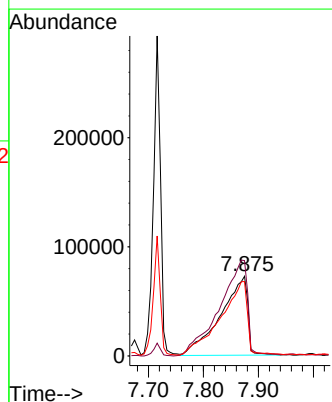
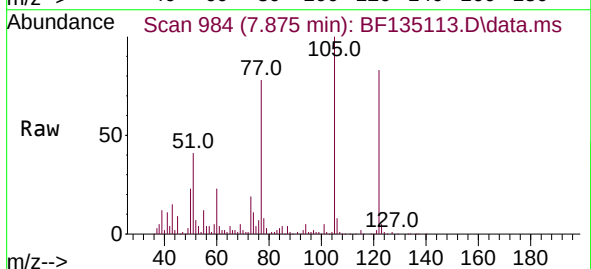
Instrument :
BNA_F
ClientSampleId :
356MSD

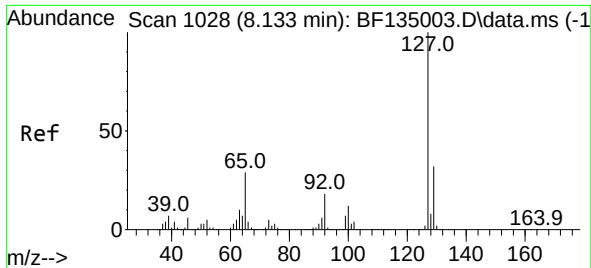
Tgt Ion:128 Resp: 1030506
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 48.314 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.029 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:122 Resp: 248348
Ion Ratio Lower Upper
122 100
105 119.8 99.8 139.8
77 93.4 69.5 109.5

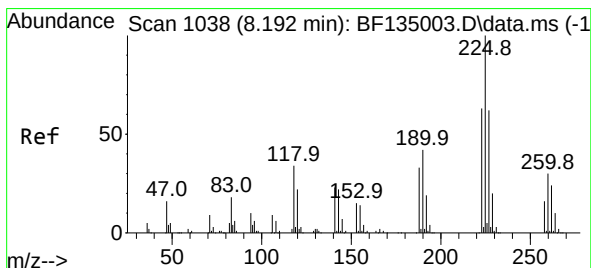
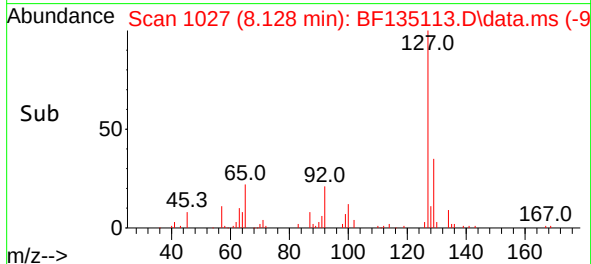
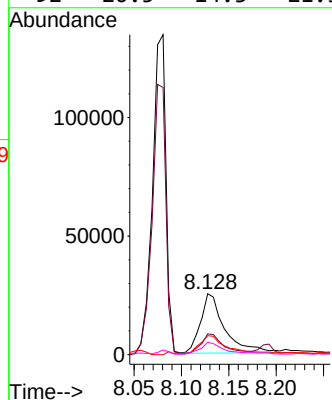
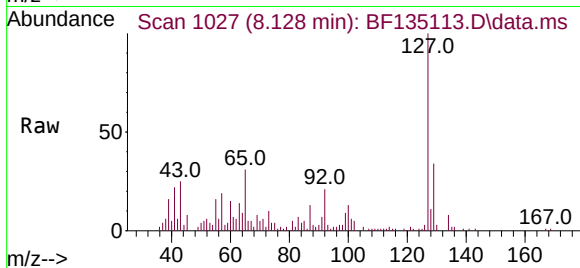




#33
4-Chloroaniline
Concen: 4.724 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

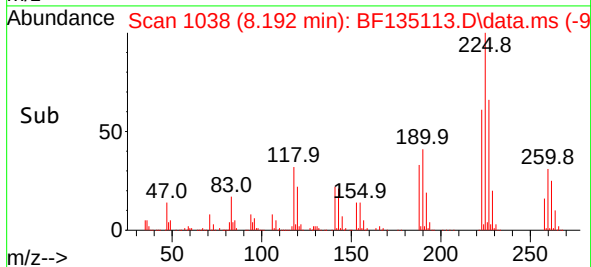
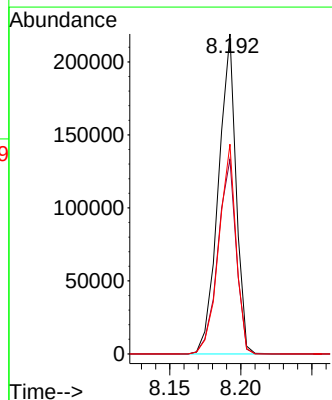
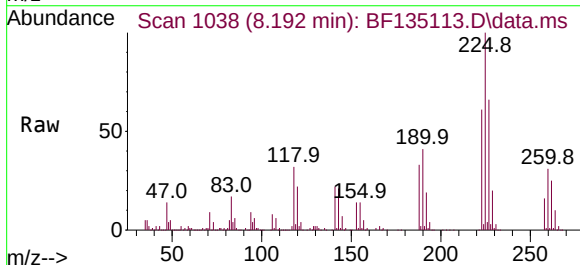
Instrument :
BNA_F
ClientSampleId :
356MSD

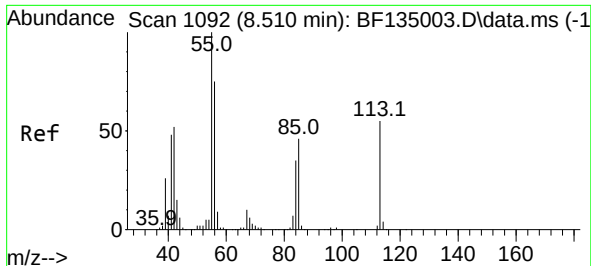
Tgt Ion:	127	Resp:	44655
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.6	38.4
65	31.1	23.1	34.7
92	20.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 50.623 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:	225	Resp:	189605
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.7	76.1
227	65.5	49.6	74.4





#35

Caprolactam

Concen: 35.890 ng

RT: 8.522 min Scan# 1092

Delta R.T. 0.012 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

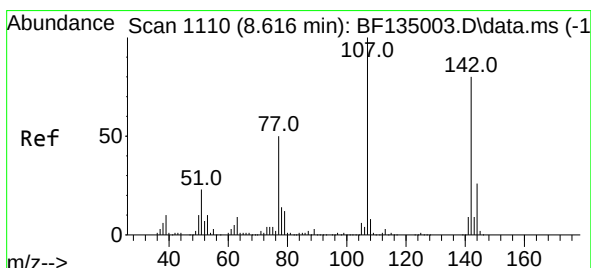
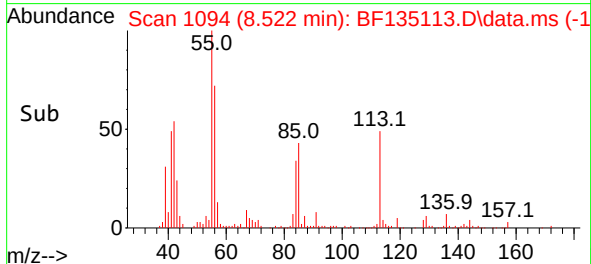
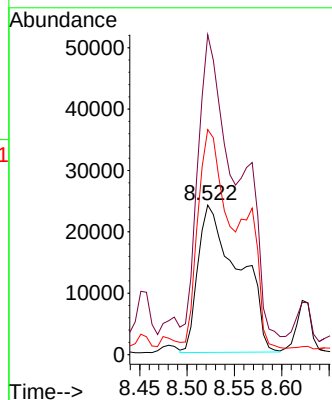
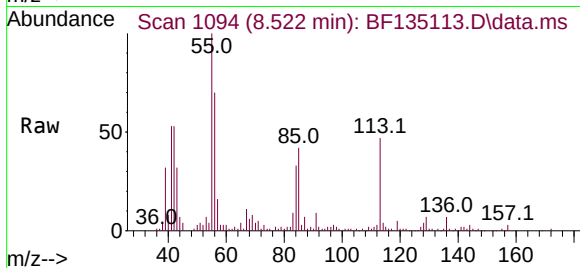
Tgt Ion:113 Resp: 71767

Ion Ratio Lower Upper

113 100

55 214.0 160.6 200.6#

56 150.5 115.4 155.4



#36

4-Chloro-3-methylphenol

Concen: 46.930 ng

RT: 8.622 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

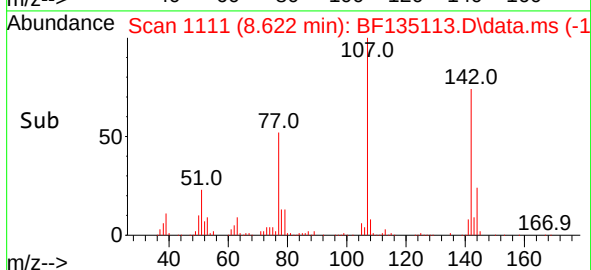
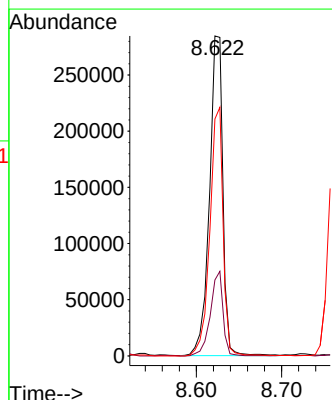
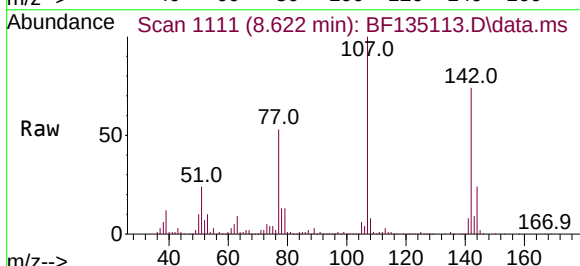
Tgt Ion:107 Resp: 311297

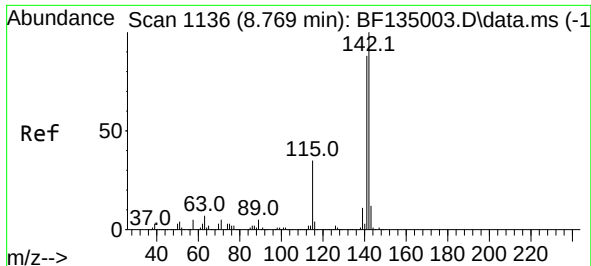
Ion Ratio Lower Upper

107 100

144 23.8 20.6 31.0

142 74.0 64.4 96.6





#37

2-Methylnaphthalene

Concen: 44.653 ng

RT: 8.769 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

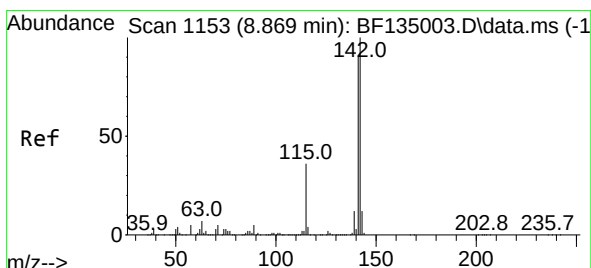
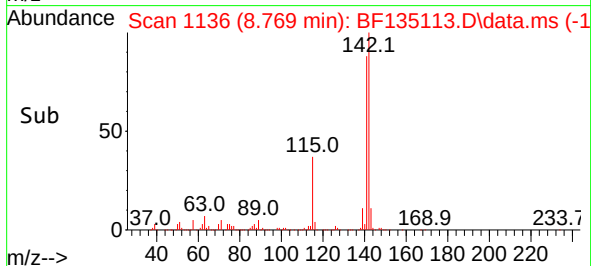
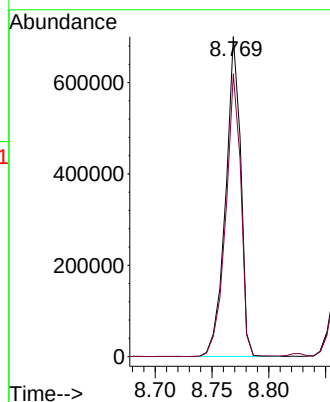
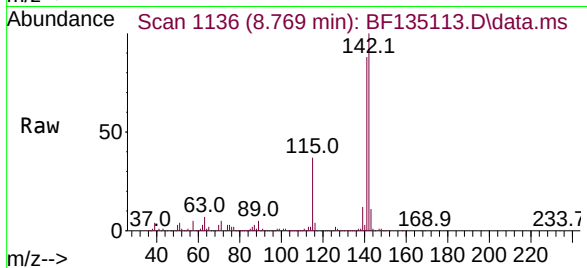
356MSD

Tgt Ion:142 Resp: 643929

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1



#38

1-Methylnaphthalene

Concen: 45.449 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF135113.D

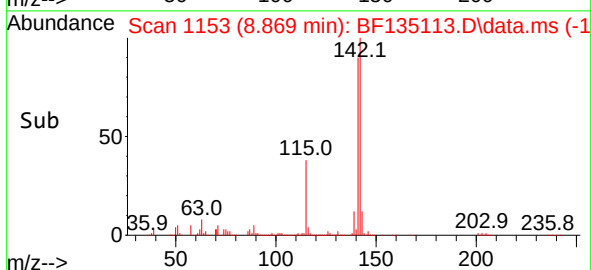
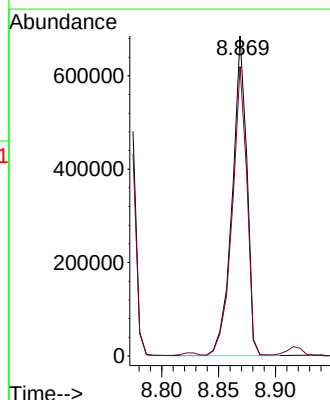
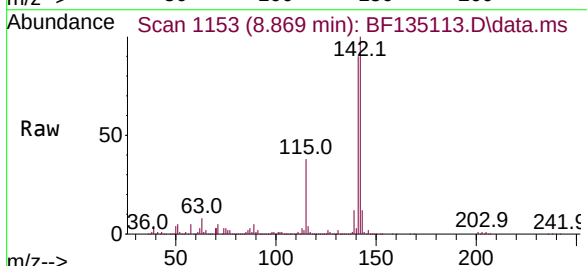
Acq: 06 Sep 2023 01:43

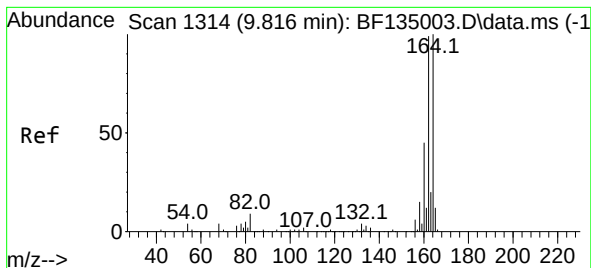
Tgt Ion:142 Resp: 613256

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

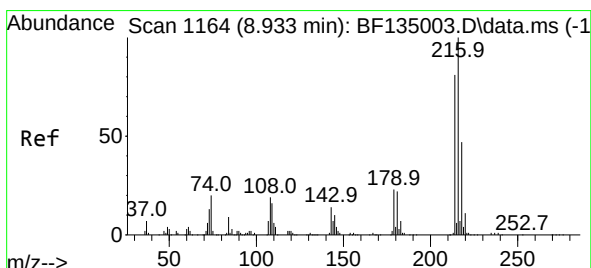
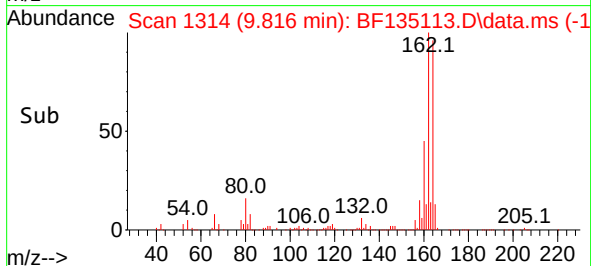
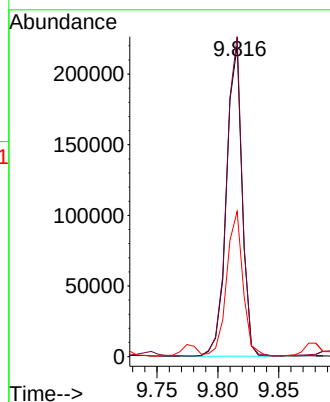
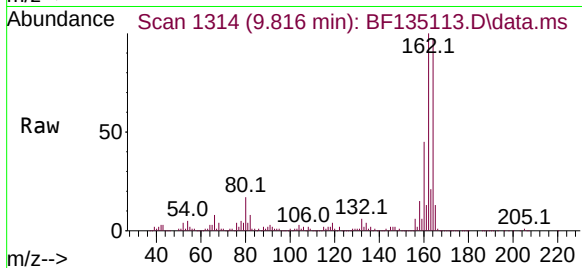
Tgt Ion:164 Resp: 196696

Ion Ratio Lower Upper

164 100

162 103.0 79.5 119.3

160 46.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.451 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Tgt Ion:216 Resp: 299819

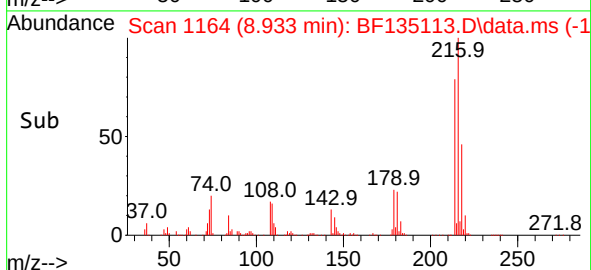
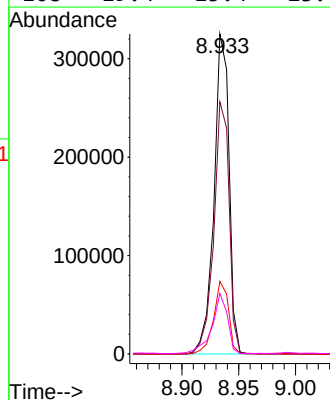
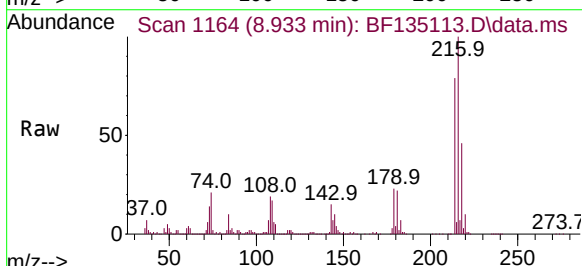
Ion Ratio Lower Upper

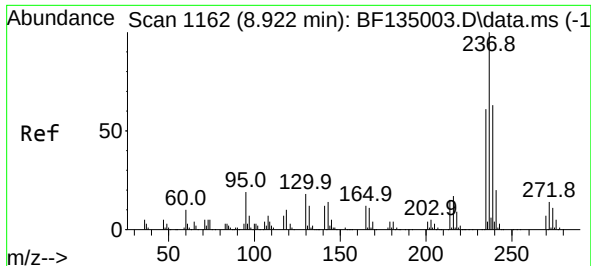
216 100

214 80.0 63.8 95.8

179 22.4 17.7 26.5

108 19.4 15.4 23.0

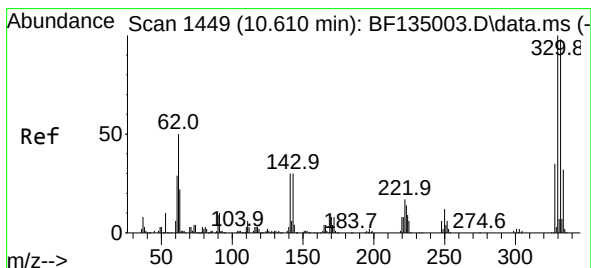
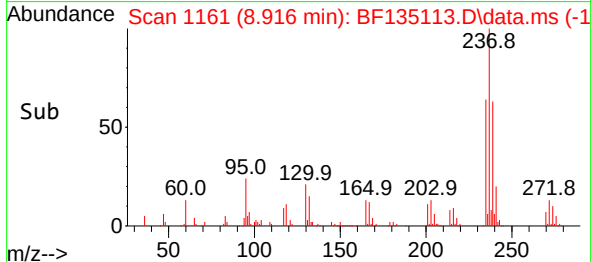
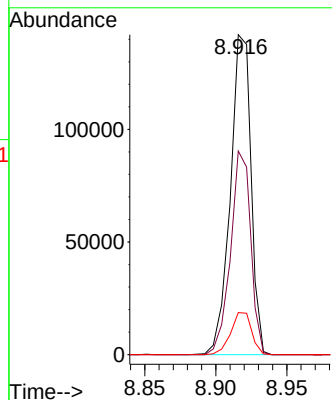
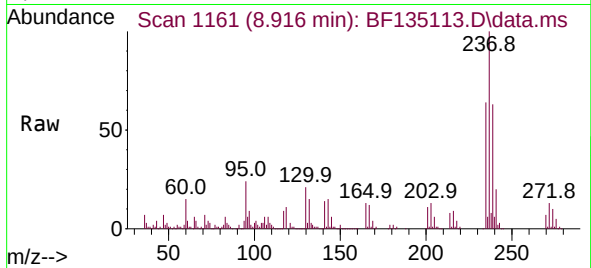




#41
Hexachlorocyclopentadiene
Concen: 61.318 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

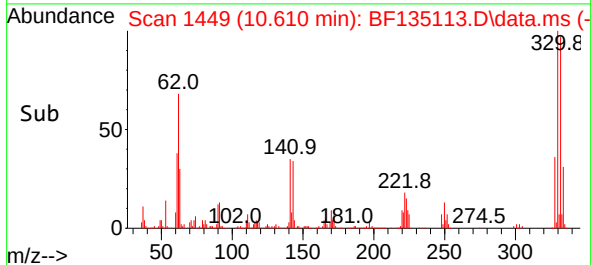
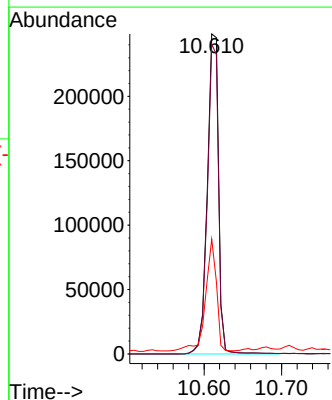
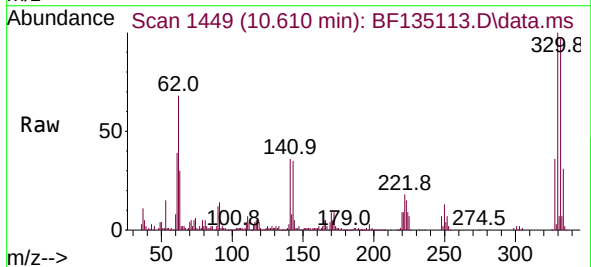
Instrument :
BNA_F
ClientSampleId :
356MSD

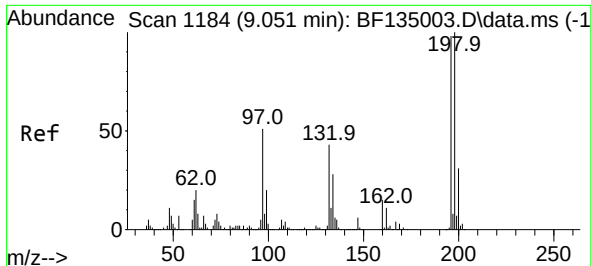
Tgt Ion:237 Resp: 143705
Ion Ratio Lower Upper
237 100
235 63.6 40.9 80.9
272 13.1 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 120.182 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:330 Resp: 250763
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 33.7 26.3 39.5

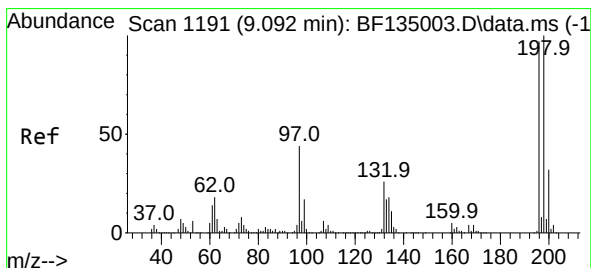
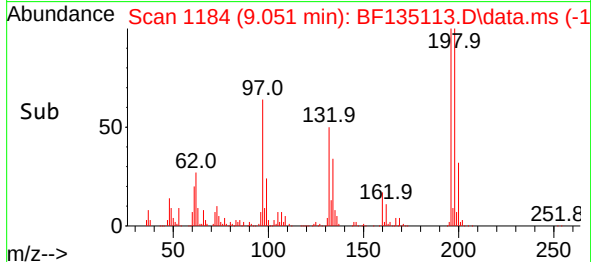
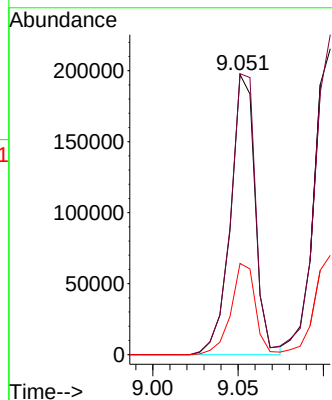
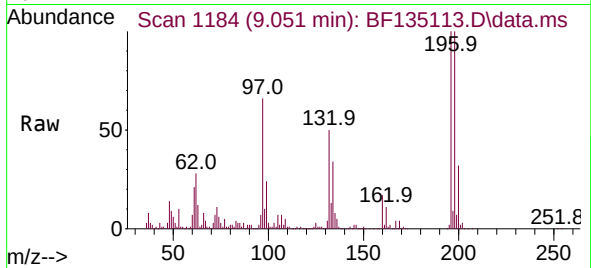




#43
2,4,6-Trichlorophenol
Concen: 53.374 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

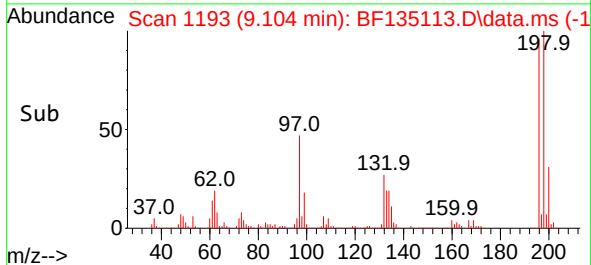
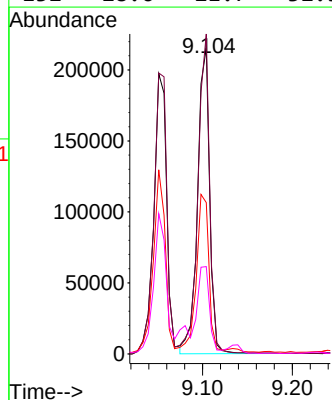
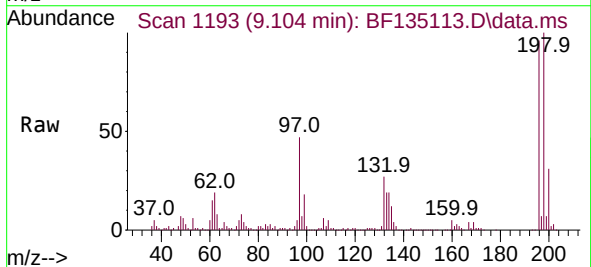
Instrument :
BNA_F
ClientSampleId :
356MSD

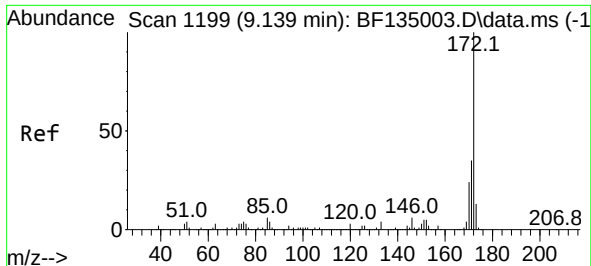
Tgt Ion:196 Resp: 197373
Ion Ratio Lower Upper
196 100
198 100.3 81.8 122.6
200 32.5 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 47.263 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.012 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:196 Resp: 202342
Ion Ratio Lower Upper
196 100
198 104.6 82.8 124.2
97 49.5 36.5 54.7
132 28.6 21.7 32.5

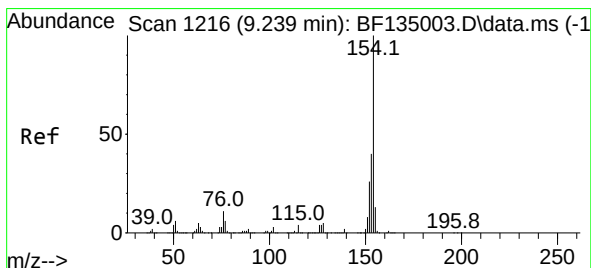
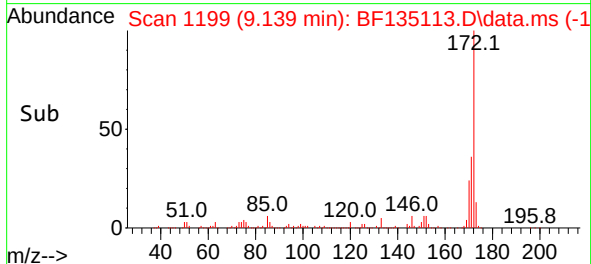
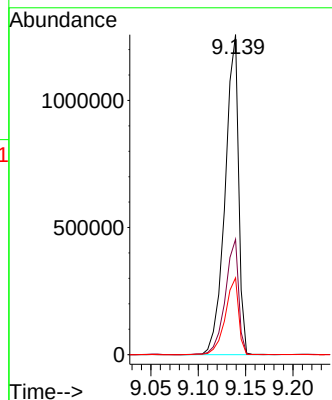
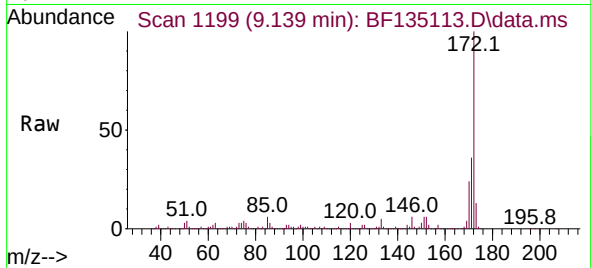




#45
2-Fluorobiphenyl
Concen: 102.732 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

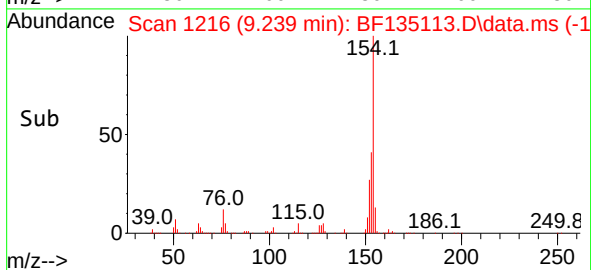
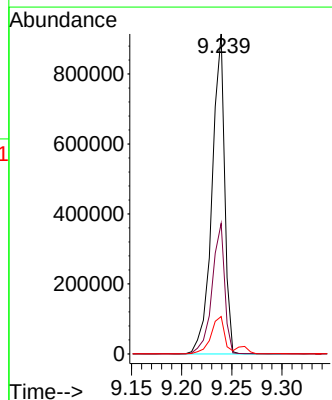
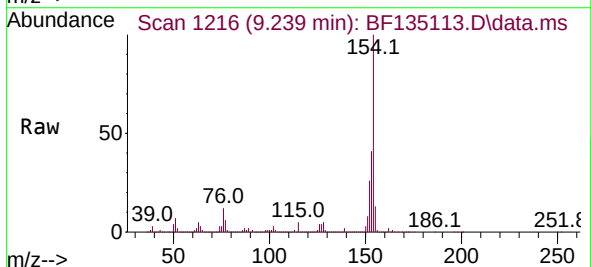
Instrument :
BNA_F
ClientSampleId :
356MSD

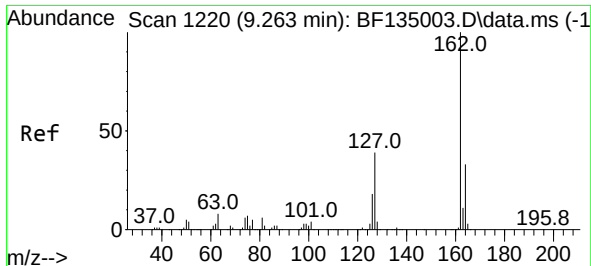
Tgt Ion:172 Resp: 1241132
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 53.238 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:154 Resp: 800063
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 11.7 0.0 31.2

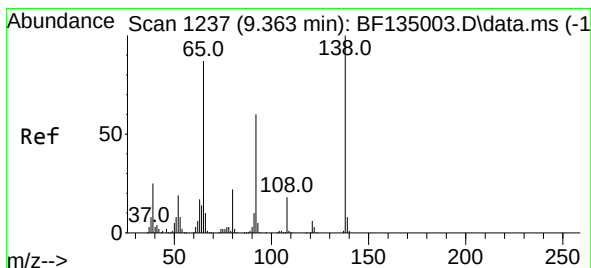
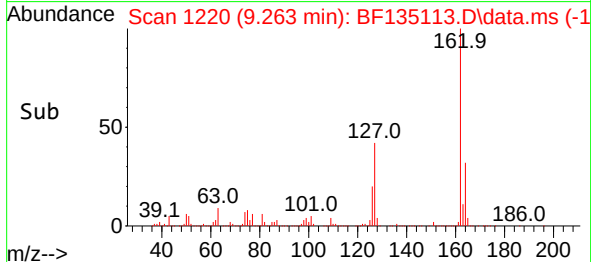
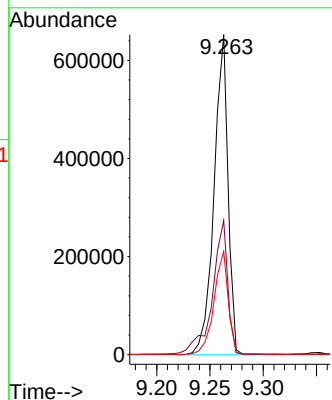
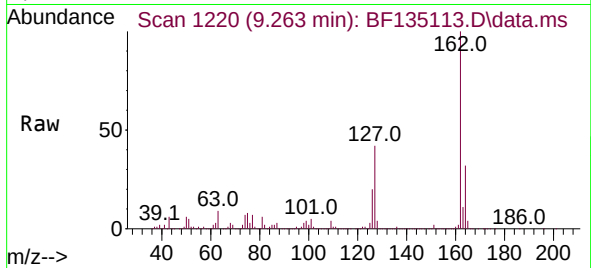




#47
2-Chloronaphthalene
Concen: 52.729 ng
RT: 9.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

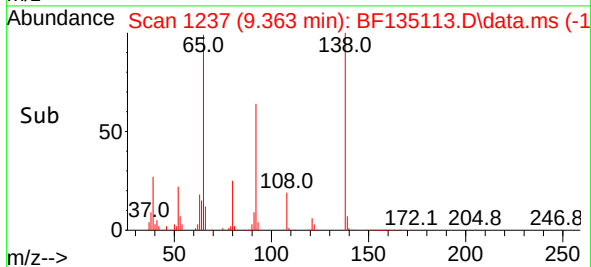
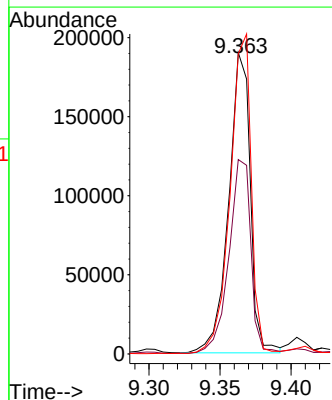
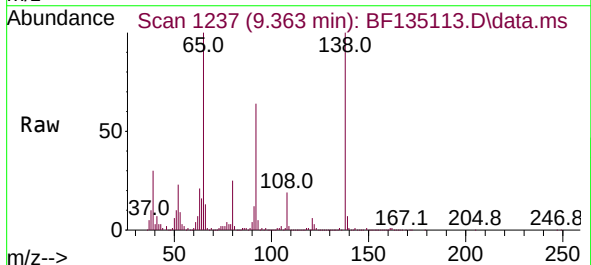
Instrument :
BNA_F
ClientSampleId :
356MSD

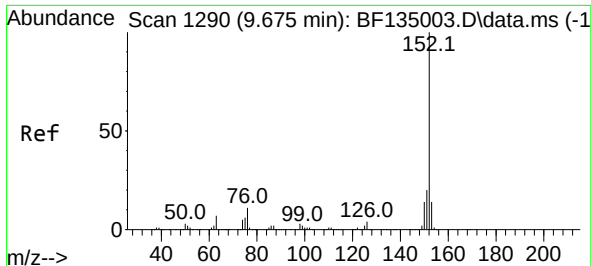
Tgt Ion:162 Resp: 595882
Ion Ratio Lower Upper
162 100
127 41.9 31.8 47.6
164 32.3 26.6 39.8



#48
2-Nitroaniline
Concen: 51.962 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion: 65 Resp: 201016
Ion Ratio Lower Upper
65 100
92 64.5 54.9 82.3
138 99.5 91.6 137.4

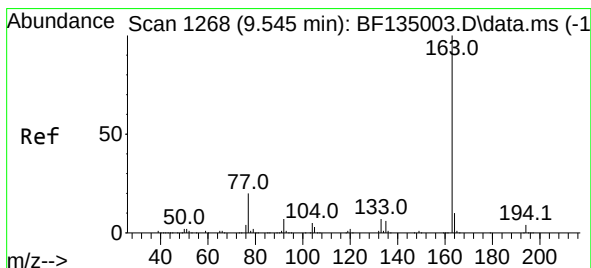
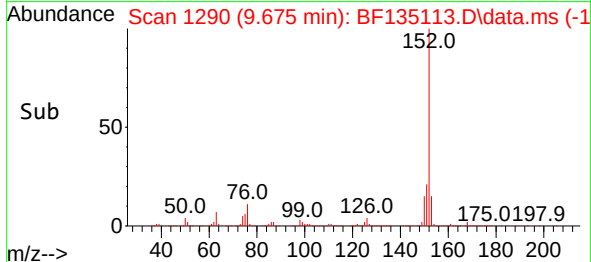
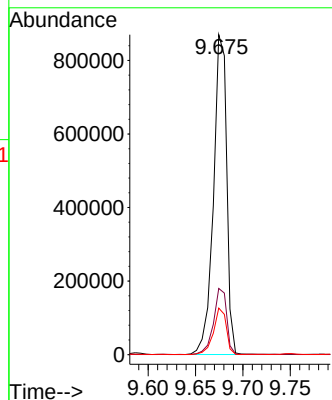
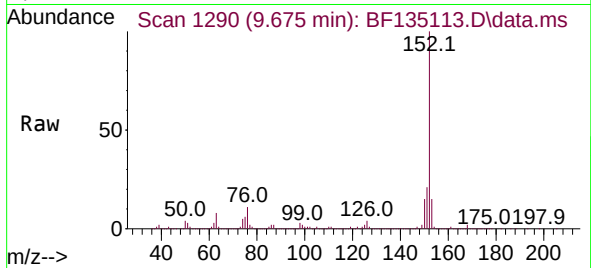




#49
Acenaphthylene
Concen: 49.640 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

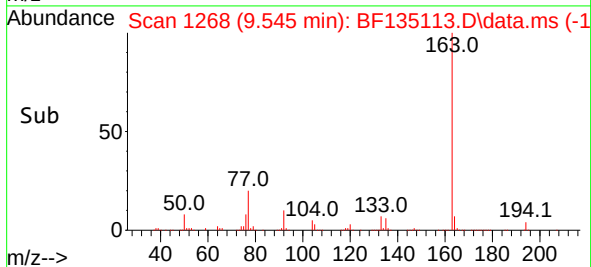
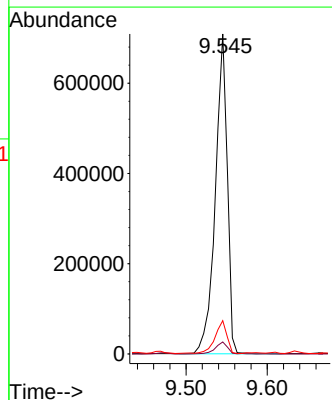
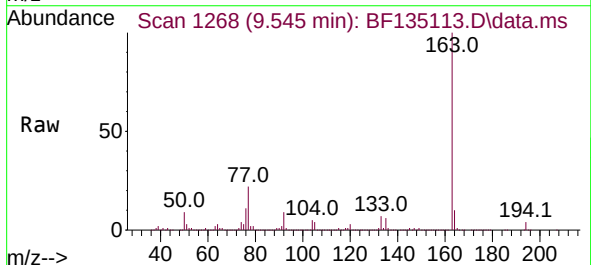
Instrument :
BNA_F
ClientSampleId :
356MSD

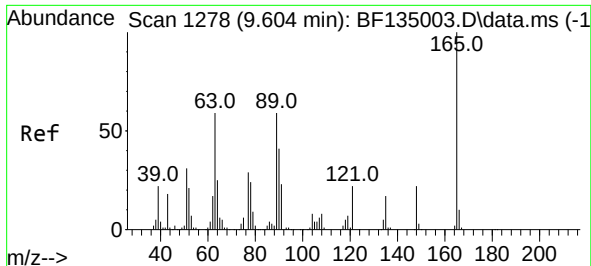
Tgt Ion:152 Resp: 848007
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.5 11.4 17.0



#50
Dimethylphthalate
Concen: 52.630 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:163 Resp: 724872
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.1 12.1

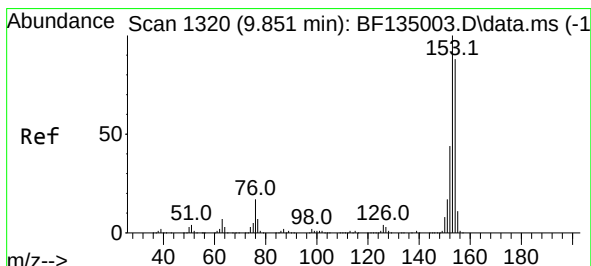
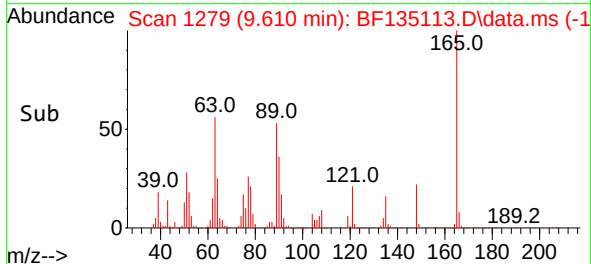
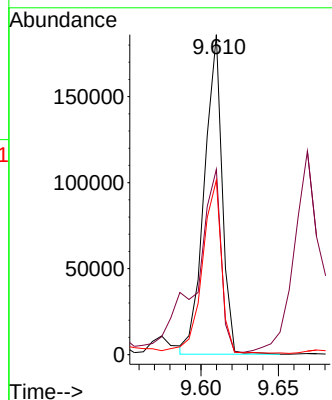
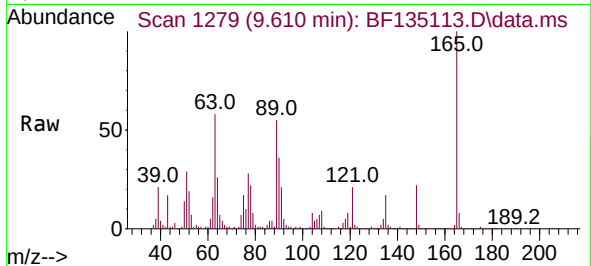




#51
2,6-Dinitrotoluene
Concen: 49.195 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

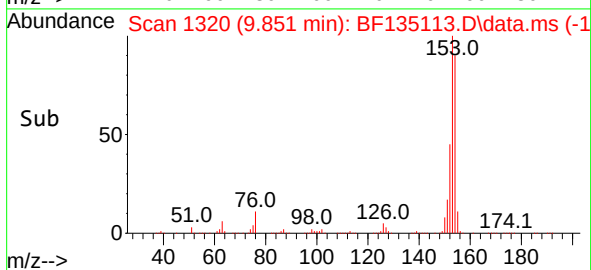
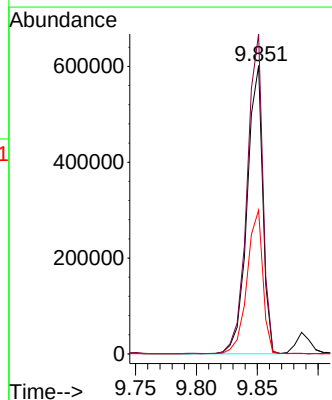
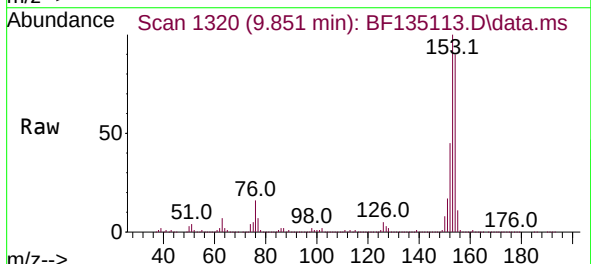
Instrument :
BNA_F
ClientSampleId :
356MSD

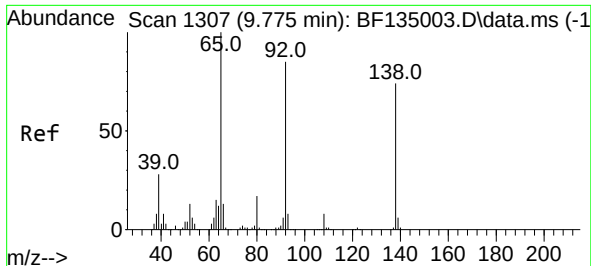
Tgt Ion:165 Resp: 148674
Ion Ratio Lower Upper
165 100
63 57.9 50.4 75.6
89 54.5 47.1 70.7



#52
Acenaphthene
Concen: 49.565 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:154 Resp: 539592
Ion Ratio Lower Upper
154 100
153 111.0 90.8 136.2
152 49.9 40.2 60.4

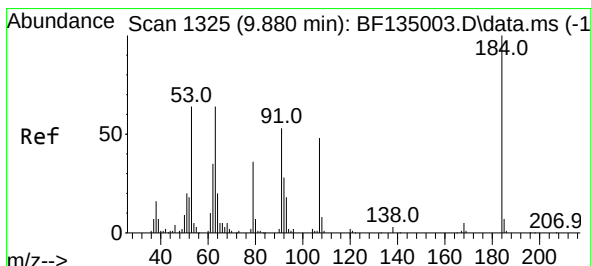
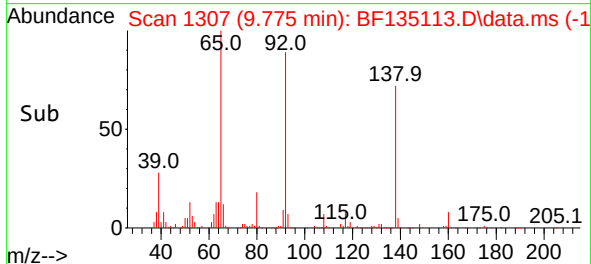
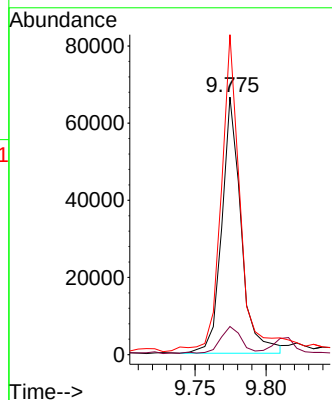
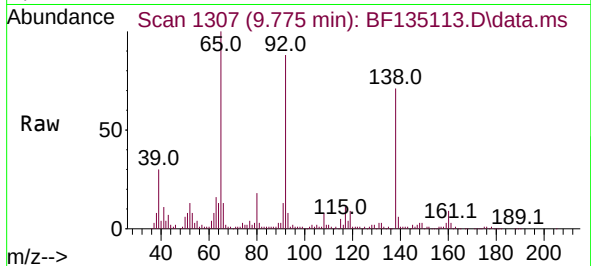




#53
3-Nitroaniline
Concen: 17.872 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

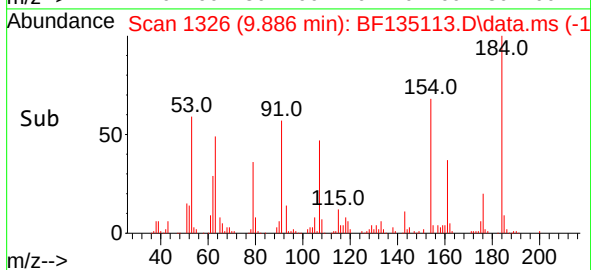
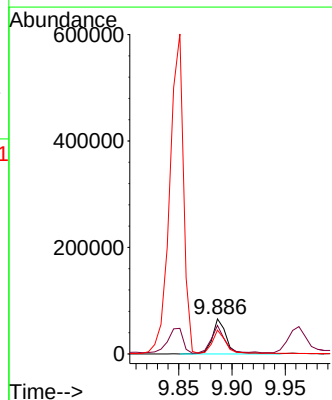
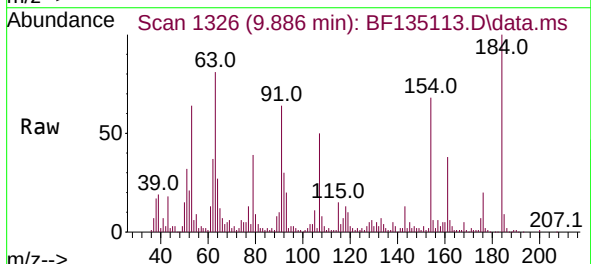
Instrument :
BNA_F
ClientSampleId :
356MSD

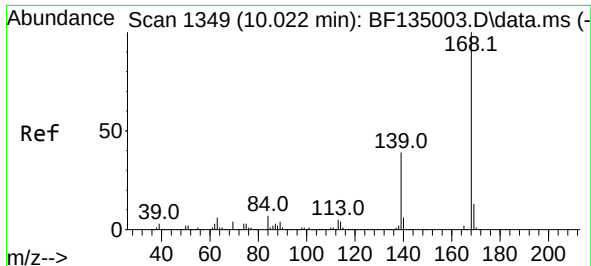
Tgt Ion:138 Resp: 62917
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 124.2 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 41.171 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:184 Resp: 59466
Ion Ratio Lower Upper
184 100
63 81.3 62.2 93.2
154 68.2 52.3 78.5

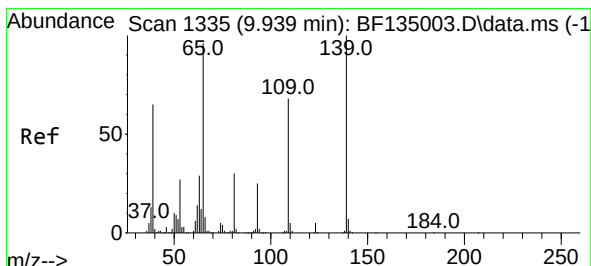
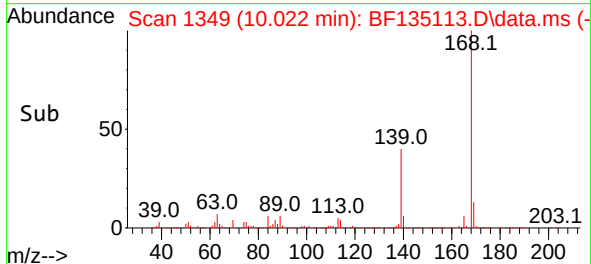
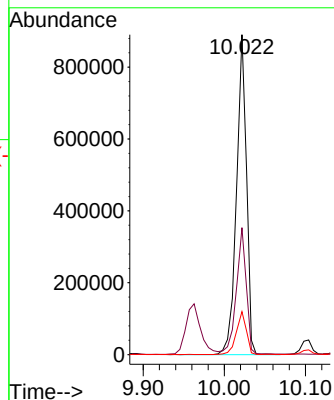
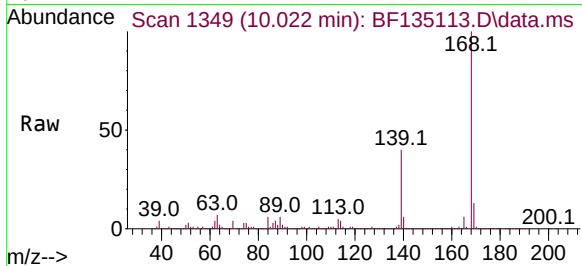




#55
Dibenzofuran
Concen: 48.672 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

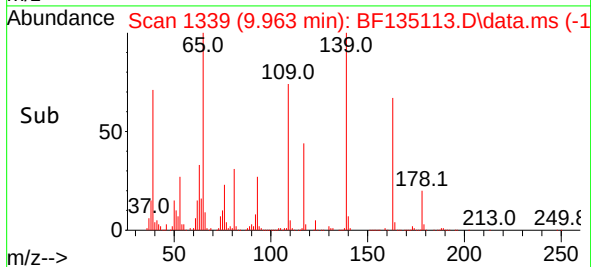
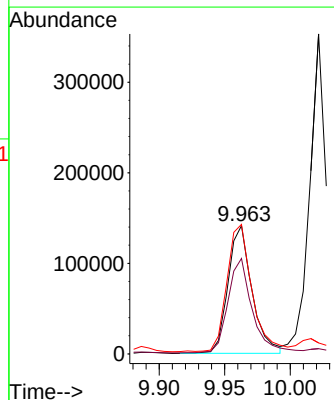
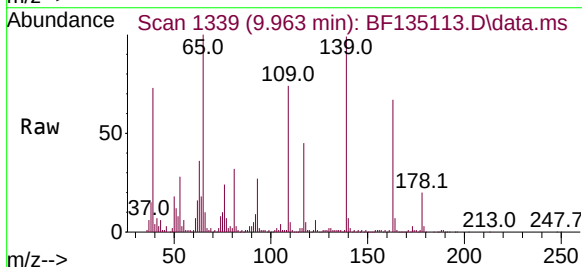
Instrument :
BNA_F
ClientSampleId :
356MSD

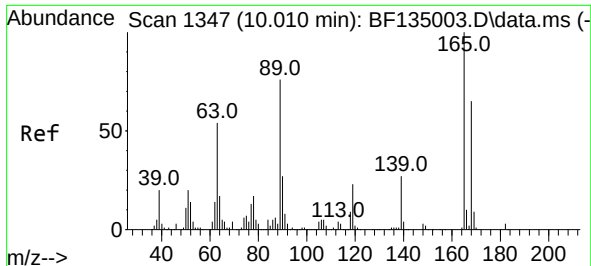
Tgt Ion:168 Resp: 764358
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 72.418 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.024 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:139 Resp: 179207
Ion Ratio Lower Upper
139 100
109 74.5 47.7 87.7
65 101.0 75.9 115.9

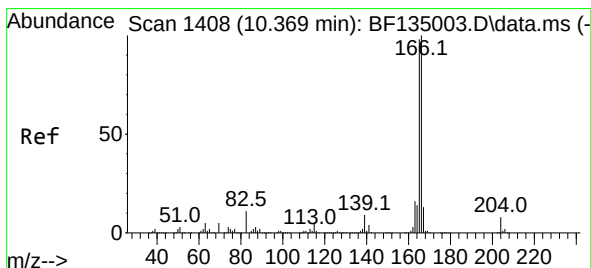
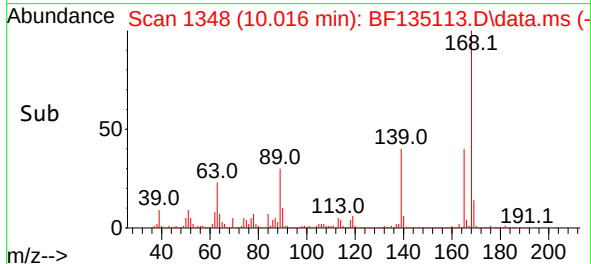
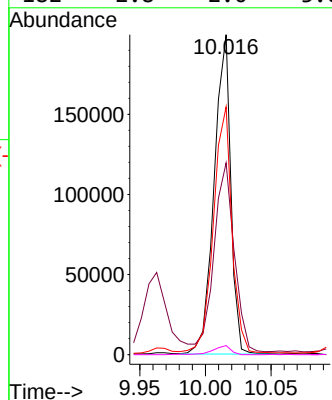
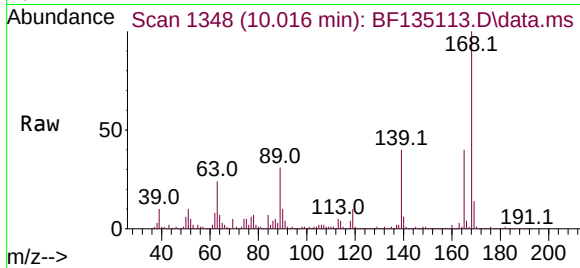




#57
2,4-Dinitrotoluene
Concen: 46.675 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

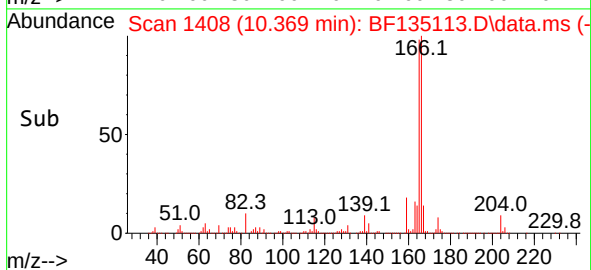
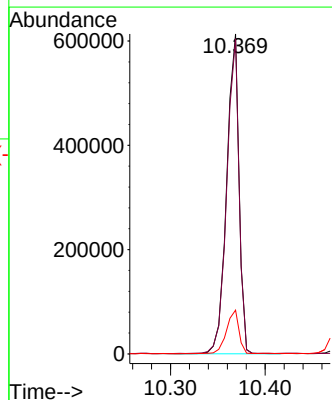
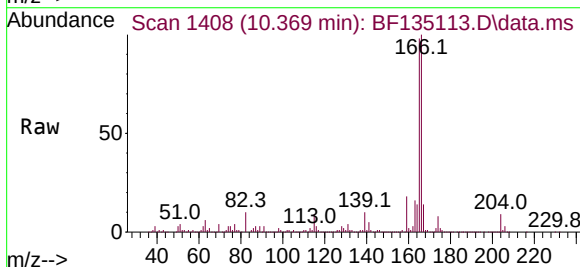
Instrument :
BNA_F
ClientSampleId :
356MSD

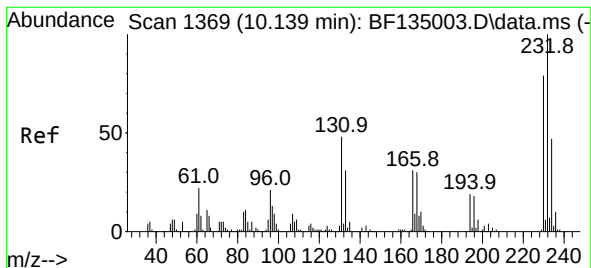
Tgt Ion:165 Resp: 175788
Ion Ratio Lower Upper
165 100
63 59.9 43.2 64.8
89 77.4 60.8 91.2
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.267 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:166 Resp: 553928
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.7 10.8 16.2

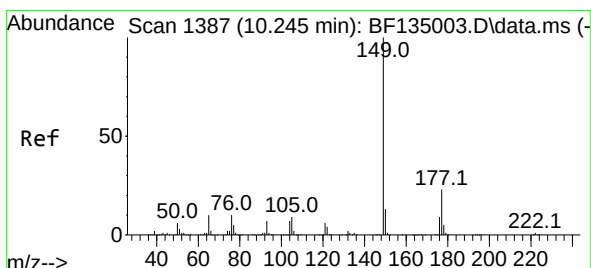
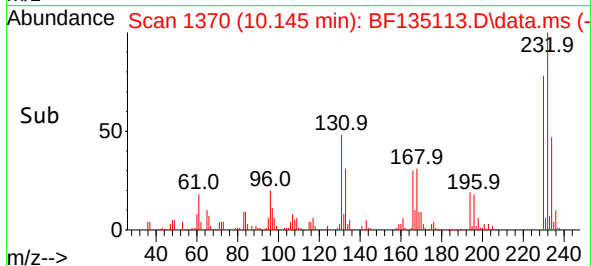
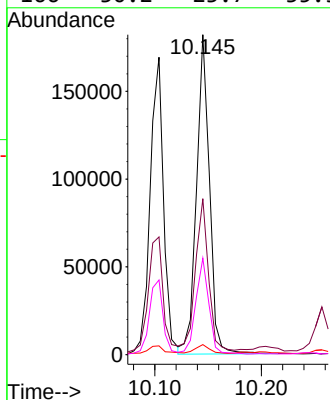
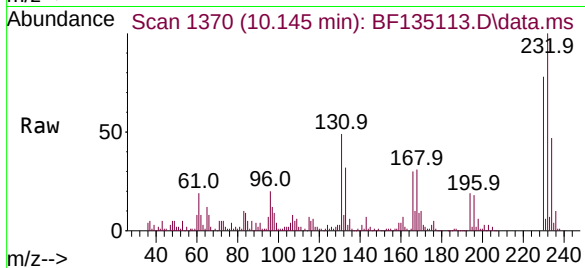




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.478 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

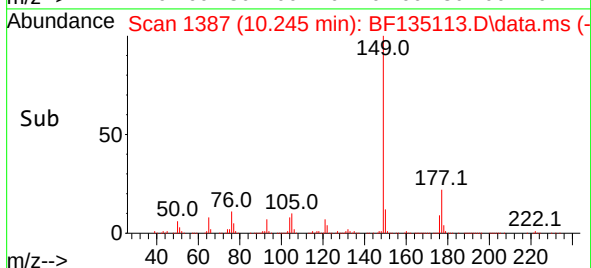
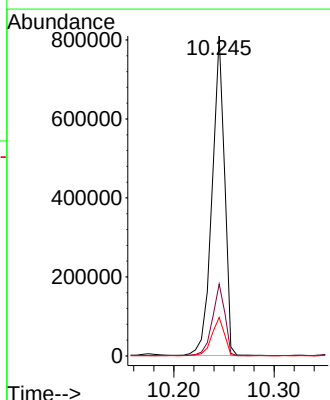
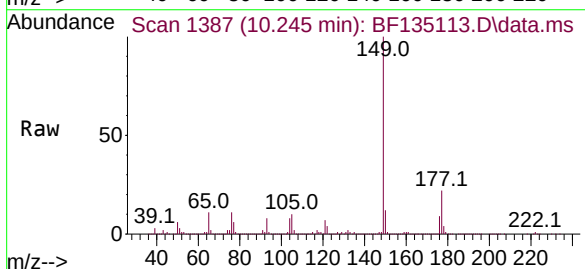
Instrument :
BNA_F
ClientSampleId :
356MSD

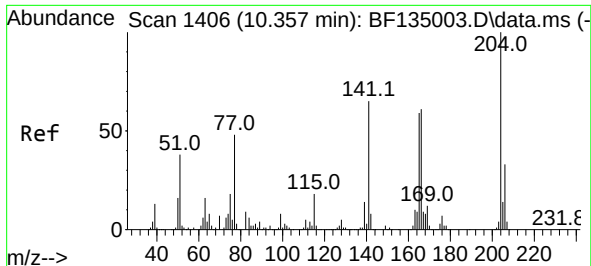
Tgt Ion:232 Resp: 153224
Ion Ratio Lower Upper
232 100
131 48.9 35.3 52.9
130 3.0 1.7 2.5#
166 30.2 23.7 35.5



#60
Diethylphthalate
Concen: 53.663 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:149 Resp: 695739
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.0 10.1 15.1

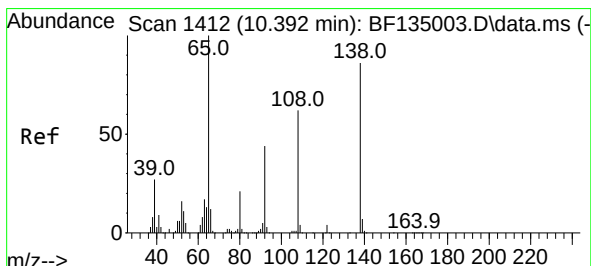
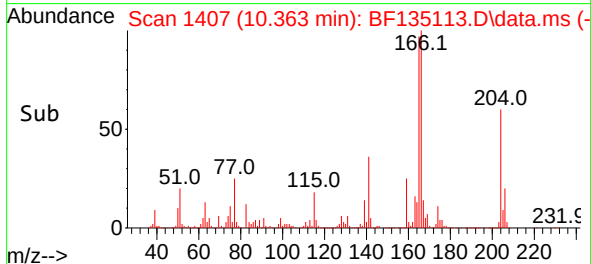
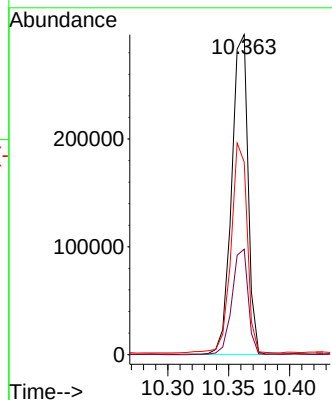
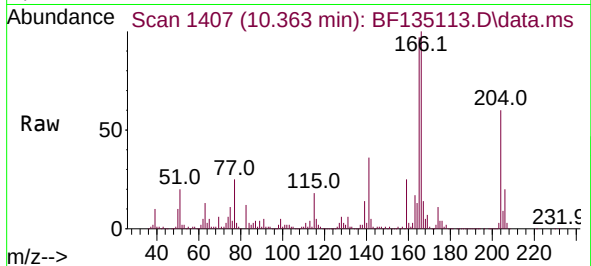




#61
4-Chlorophenyl-phenylether
Concen: 46.989 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

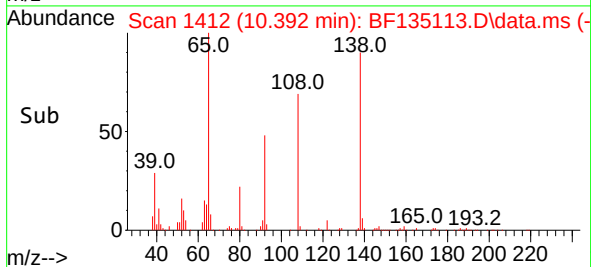
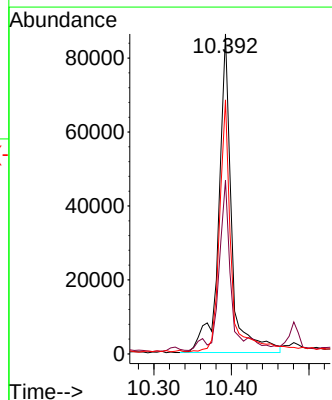
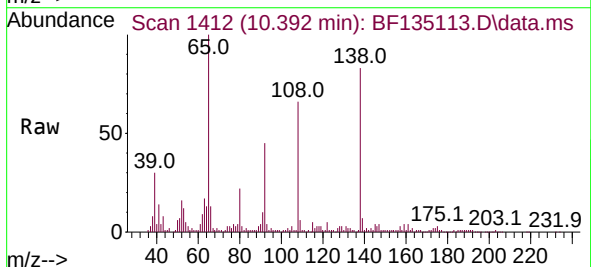
Instrument :
BNA_F
ClientSampleId :
356MSD

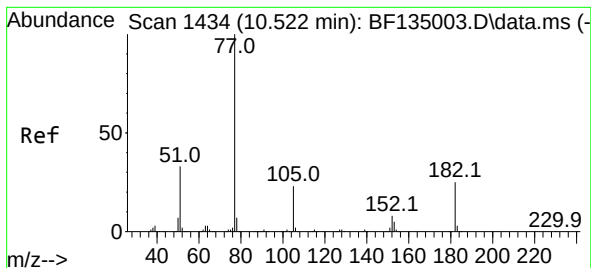
Tgt Ion:204 Resp: 278268
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.2 51.8 77.6



#62
4-Nitroaniline
Concen: 28.868 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:138 Resp: 99440
Ion Ratio Lower Upper
138 100
92 54.3 30.7 70.7
108 79.4 51.7 91.7

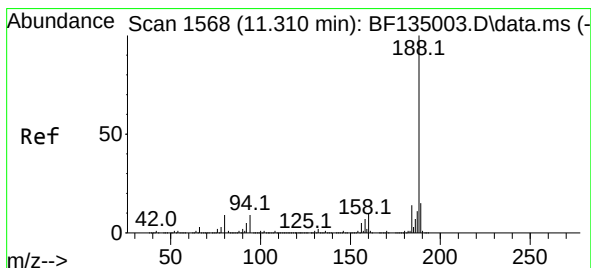
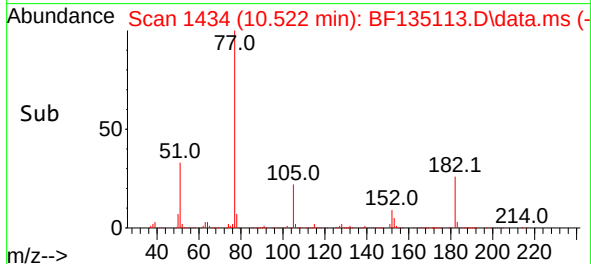
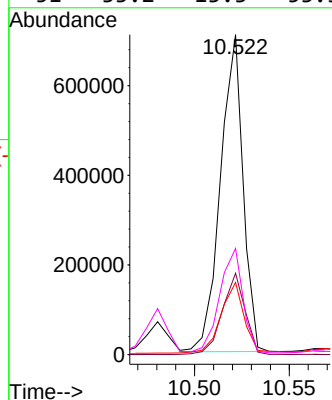
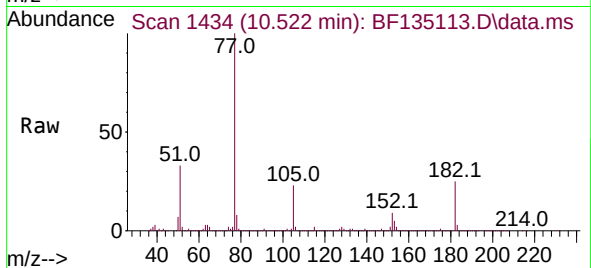




#63
Azobenzene
Concen: 44.865 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

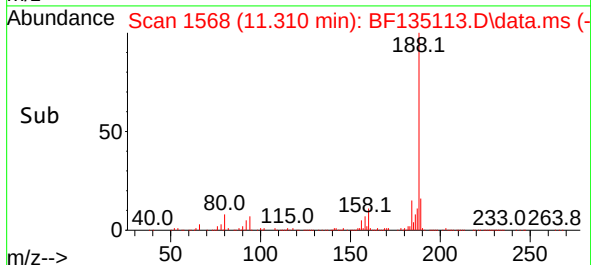
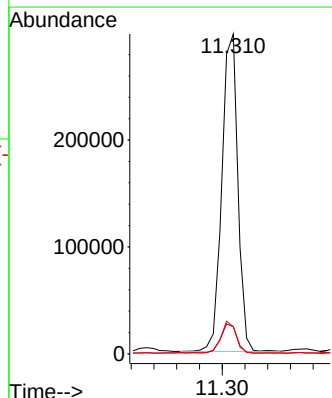
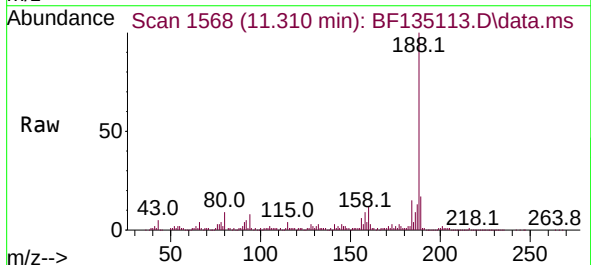
Instrument :
BNA_F
ClientSampleId :
356MSD

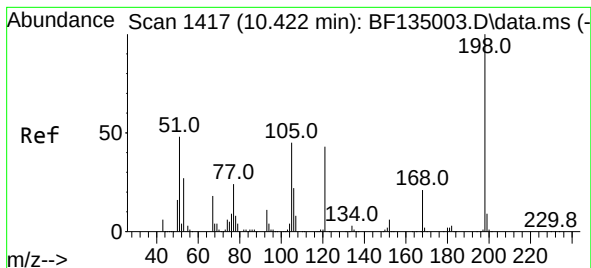
Tgt Ion: 77	Resp: 585693
Ion Ratio	Lower Upper
77 100	
182 25.4	4.9 44.9
105 22.5	2.7 42.7
51 33.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:188	Resp: 289611
Ion Ratio	Lower Upper
188 100	
94 8.5	7.0 10.4
80 8.5	7.4 11.2

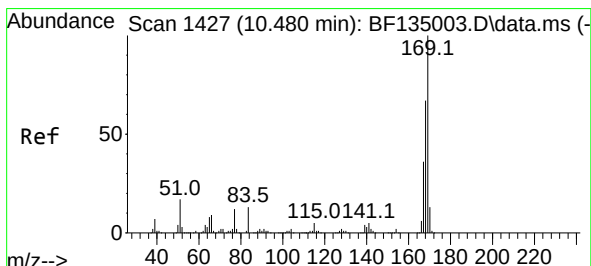
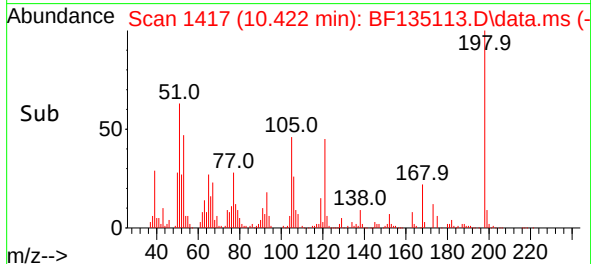
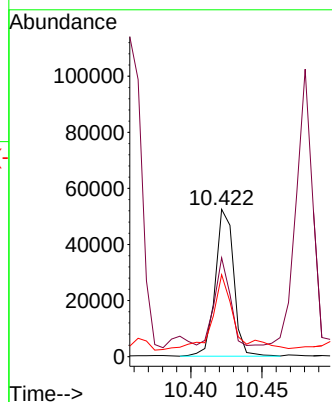
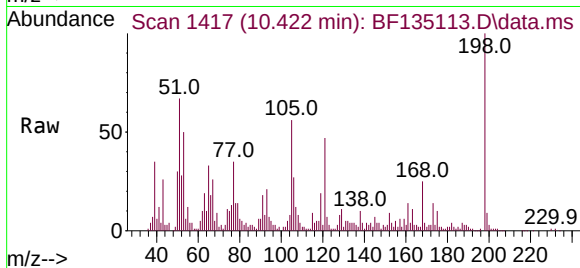




#65
4,6-Dinitro-2-methylphenol
Concen: 26.969 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

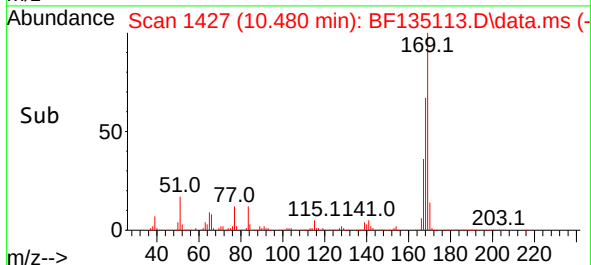
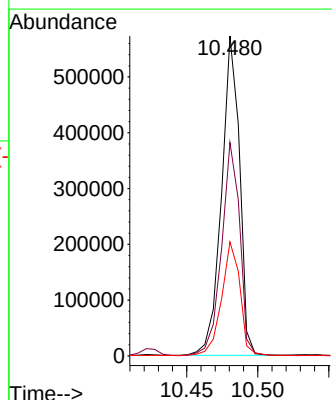
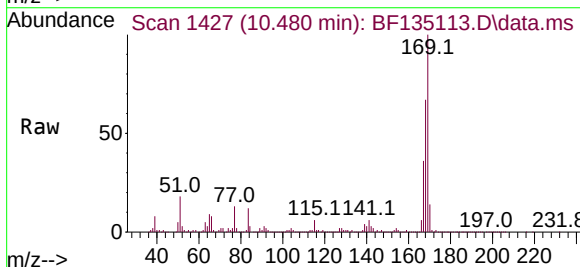
Instrument :
BNA_F
ClientSampleId :
356MSD

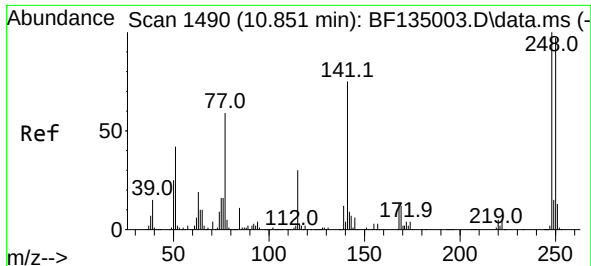
Tgt Ion:198 Resp: 47271
Ion Ratio Lower Upper
198 100
51 67.2 35.7 75.7
105 55.6 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 56.267 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:169 Resp: 506681
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 35.6 29.0 43.4

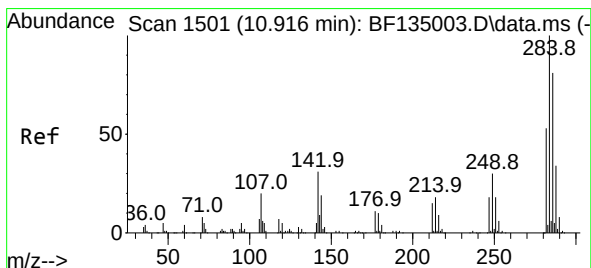
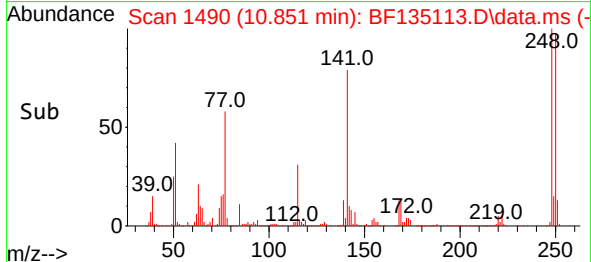
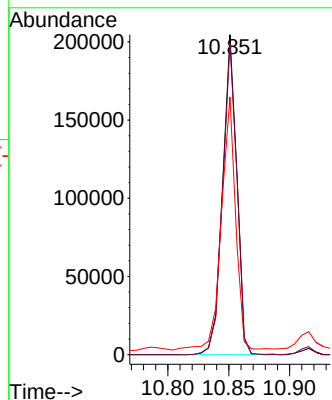
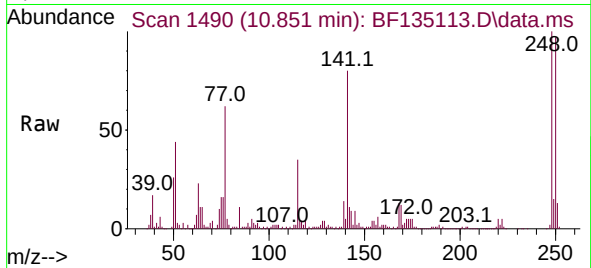




#67
4-Bromophenyl-phenylether
Concen: 54.019 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

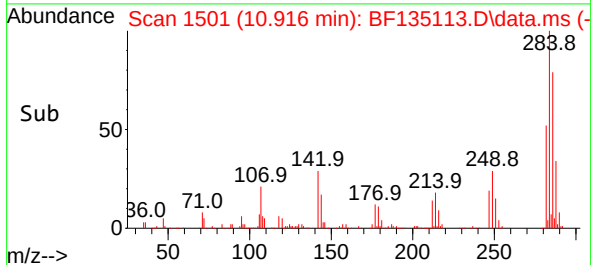
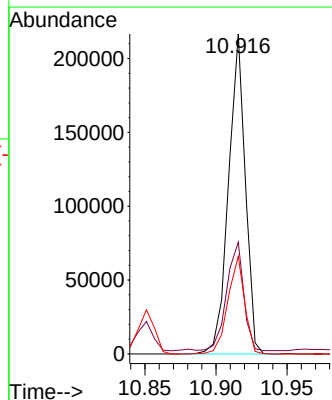
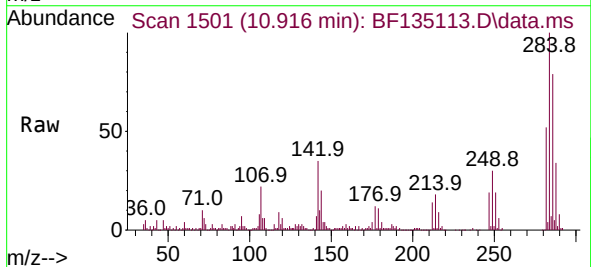
Instrument :
BNA_F
ClientSampleId :
356MSD

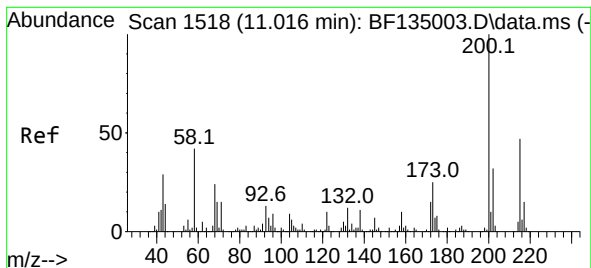
Tgt Ion:248 Resp: 165933
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 80.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 55.841 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:284 Resp: 177364
Ion Ratio Lower Upper
284 100
142 34.9 25.1 37.7
249 30.5 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.027 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

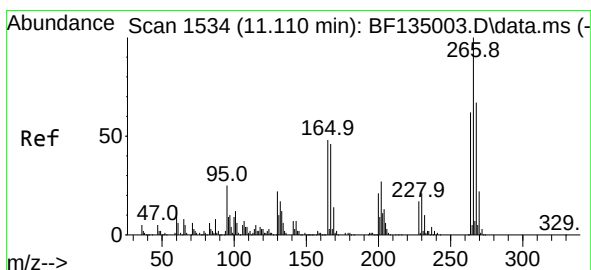
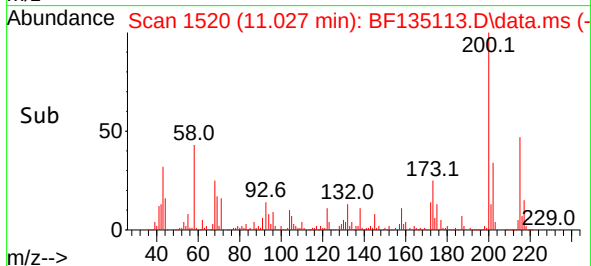
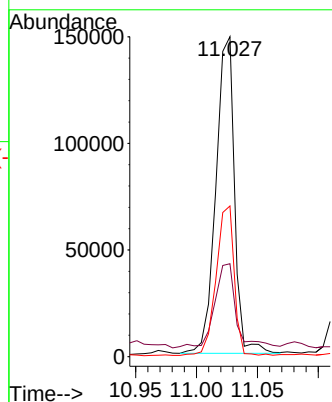
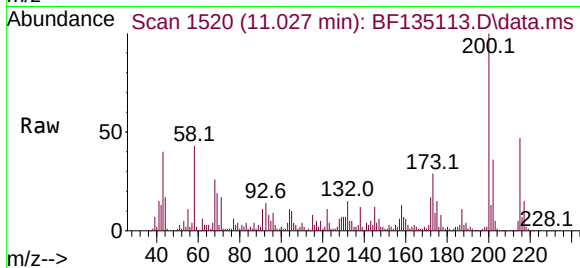
Tgt Ion:200 Resp: 157851

Ion Ratio Lower Upper

200 100

173 29.0 5.0 45.0

215 47.1 26.9 66.9



#70

Pentachlorophenol

Concen: 83.529 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

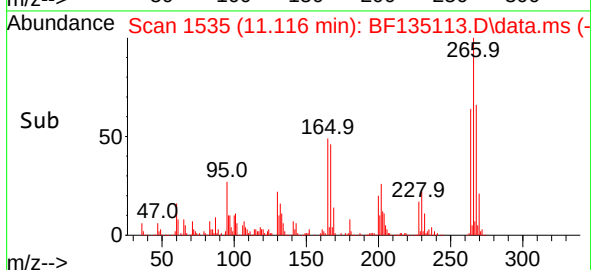
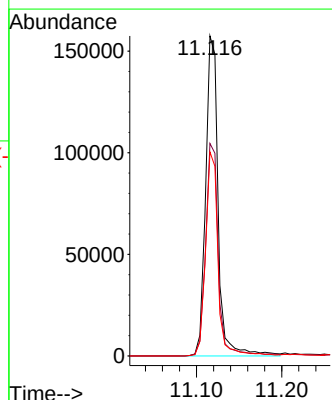
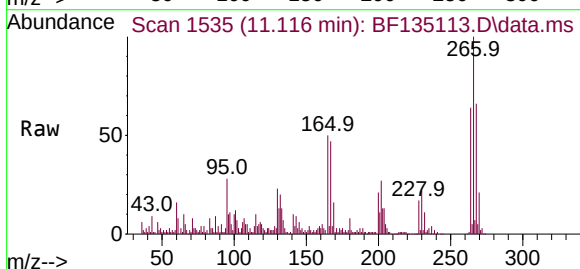
Tgt Ion:266 Resp: 160510

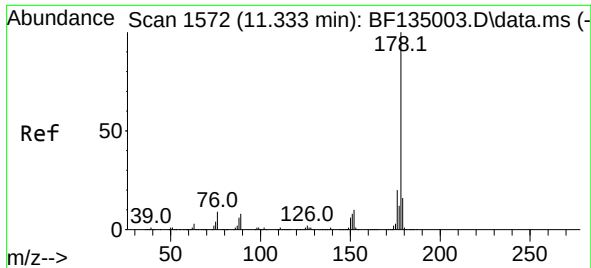
Ion Ratio Lower Upper

266 100

268 66.4 53.3 79.9

264 63.7 49.3 73.9

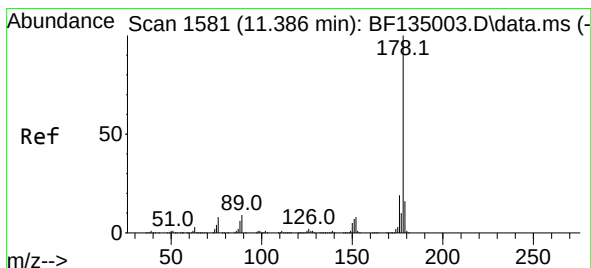
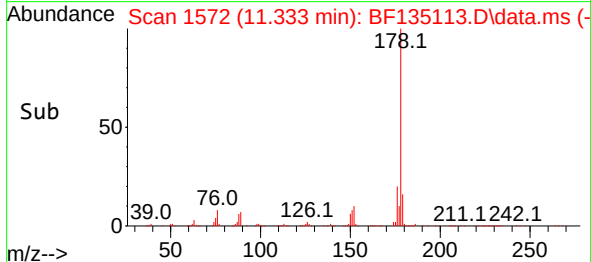
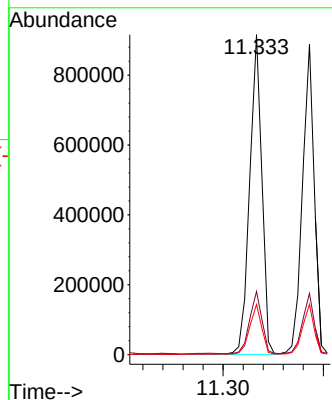
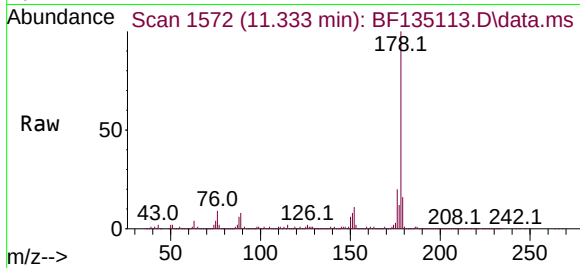




#71
Phenanthrene
Concen: 51.452 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

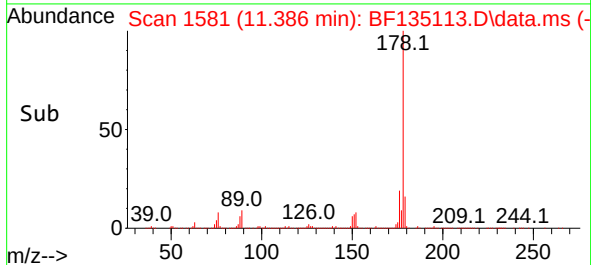
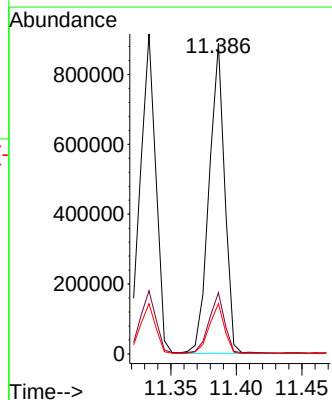
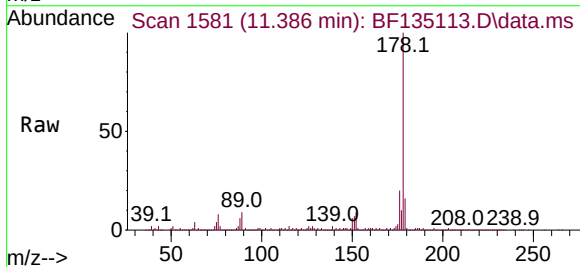
Instrument :
BNA_F
ClientSampleId :
356MSD

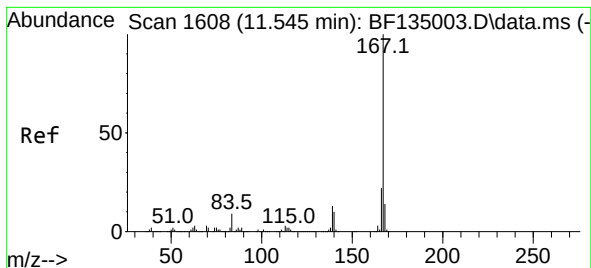
Tgt Ion:178 Resp: 768752
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.922 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:178 Resp: 731553
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.8 19.2





#73

Carbazole

Concen: 50.632 ng

RT: 11.551 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

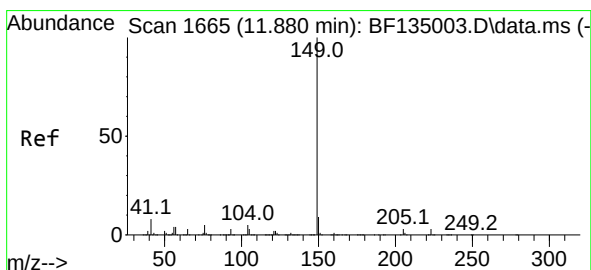
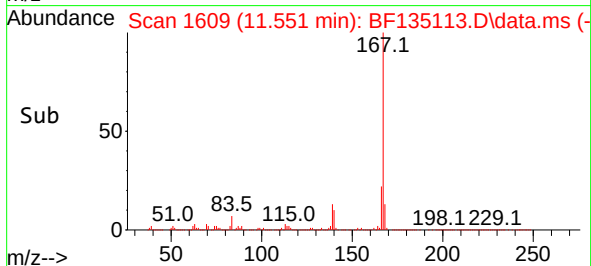
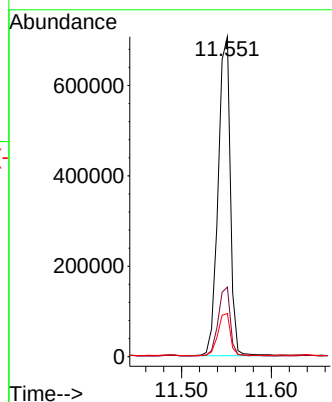
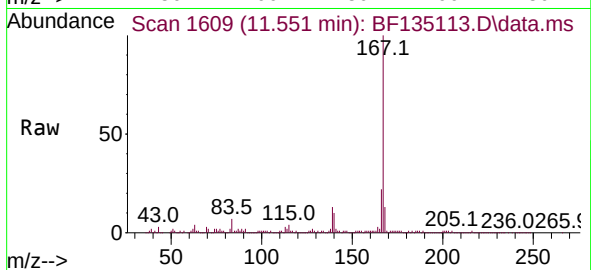
Tgt Ion:167 Resp: 666661

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 52.097 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

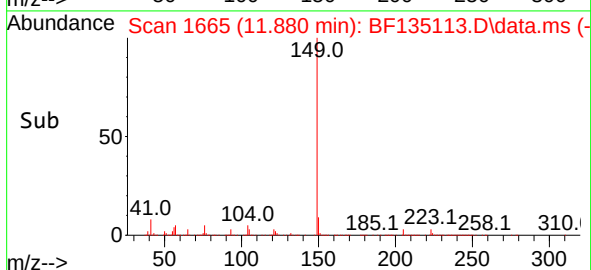
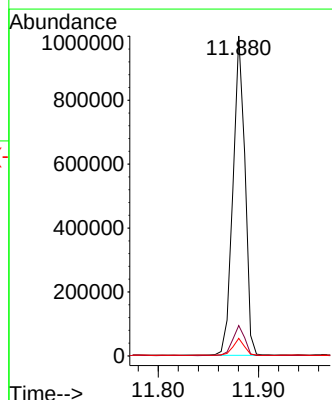
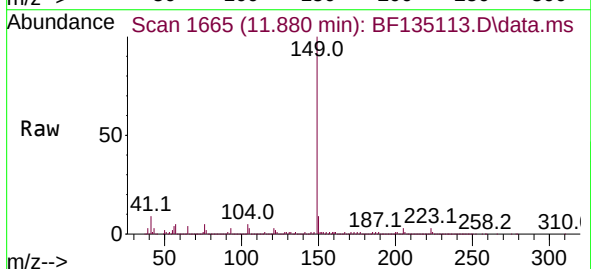
Tgt Ion:149 Resp: 826877

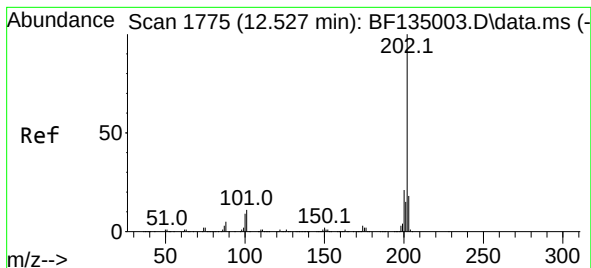
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.5 4.0 6.0





#75

Fluoranthene

Concen: 49.033 ng

RT: 12.533 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

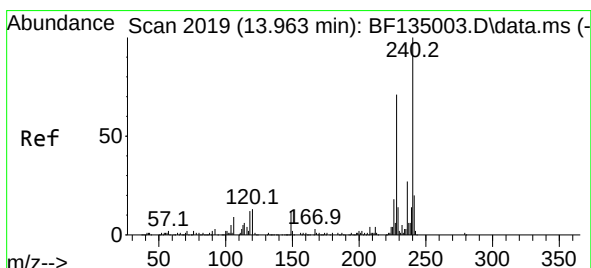
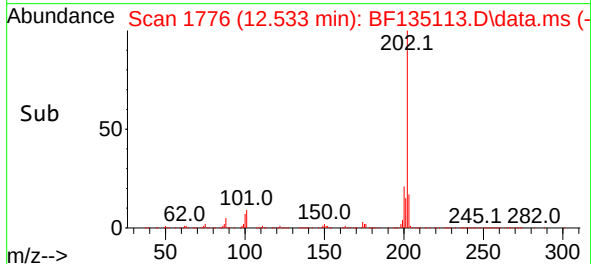
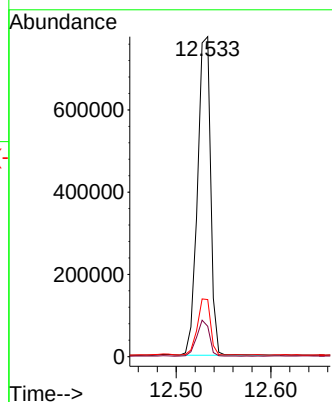
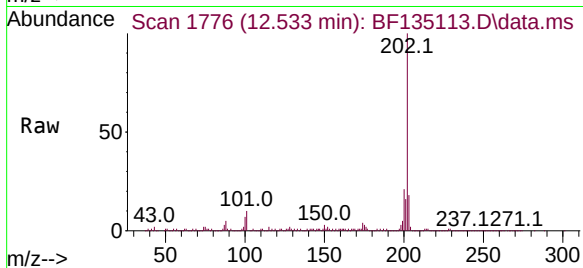
Tgt Ion:202 Resp: 740714

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.5

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

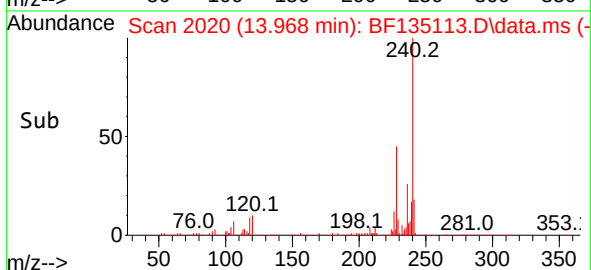
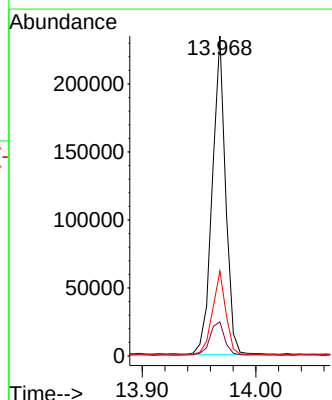
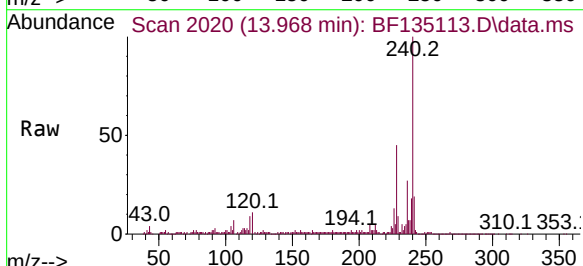
Tgt Ion:240 Resp: 191038

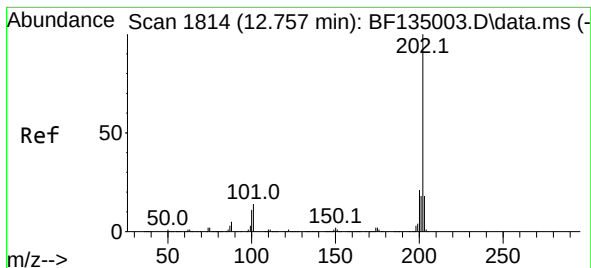
Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.2

236 26.5 21.3 31.9





#78

Pyrene

Concen: 41.115 ng

RT: 12.763 min Scan# 1814

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

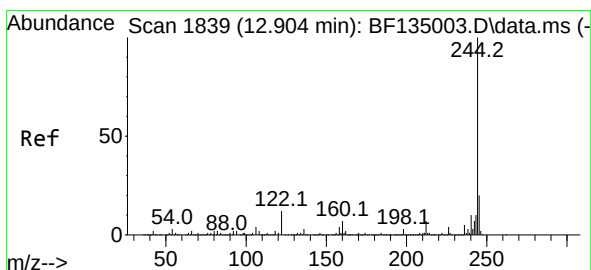
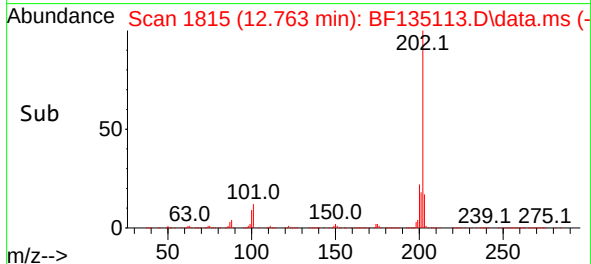
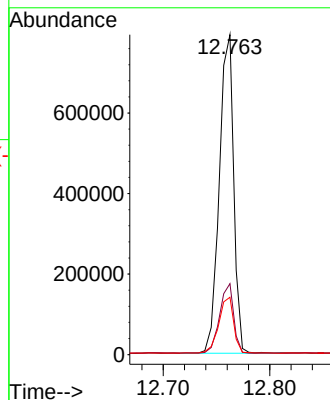
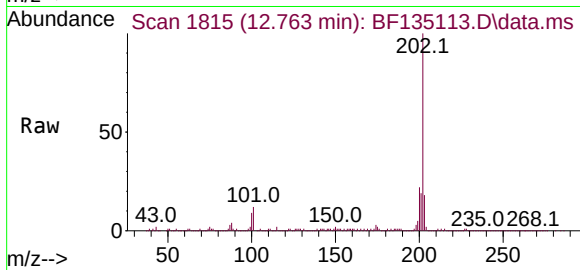
Tgt Ion:202 Resp: 745765

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.6

203 17.9 14.2 21.2



#79

Terphenyl-d14

Concen: 88.120 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

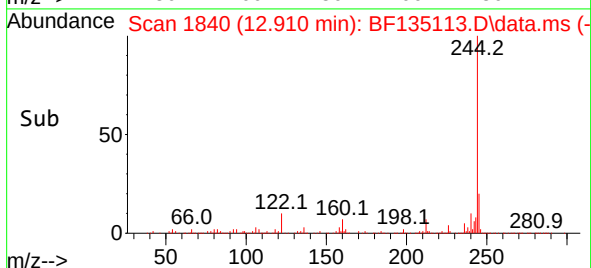
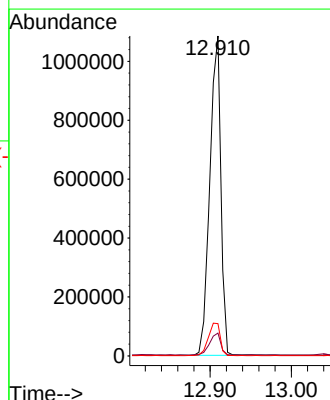
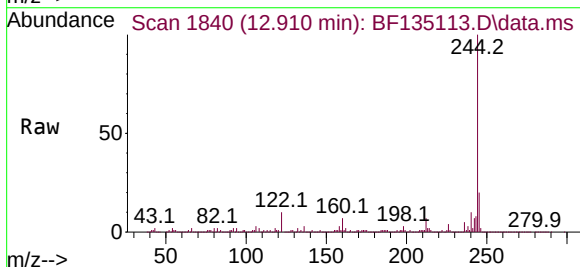
Tgt Ion:244 Resp: 1031576

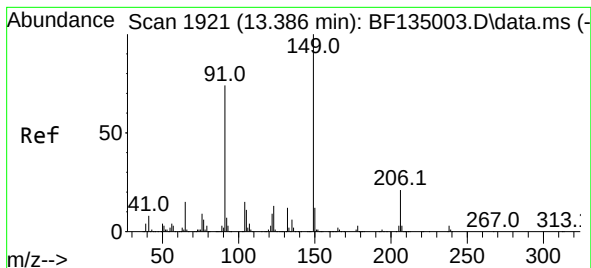
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.1 9.8 14.6





#80

Butylbenzylphthalate

Concen: 49.480 ng

RT: 13.386 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

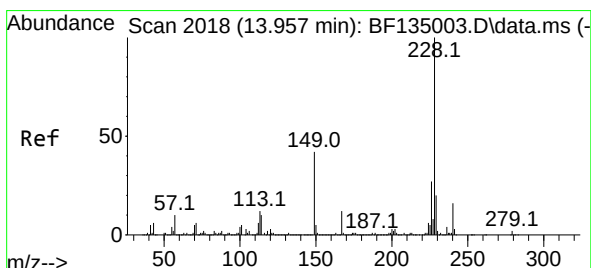
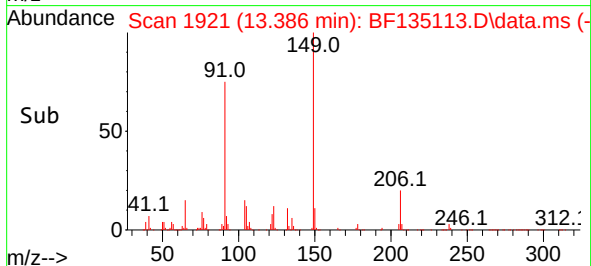
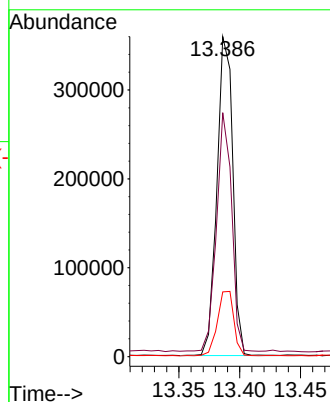
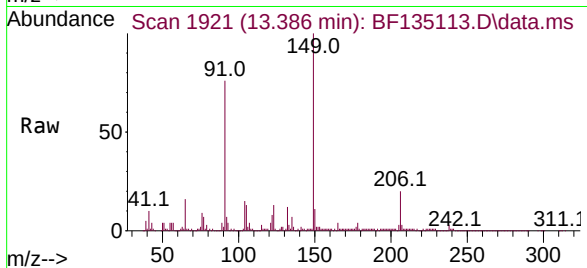
Tgt Ion:149 Resp: 324221

Ion Ratio Lower Upper

149 100

91 76.2 59.0 88.6

206 20.2 16.7 25.1



#81

Benzo(a)anthracene

Concen: 49.919 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

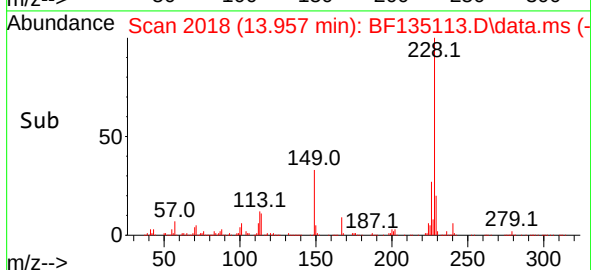
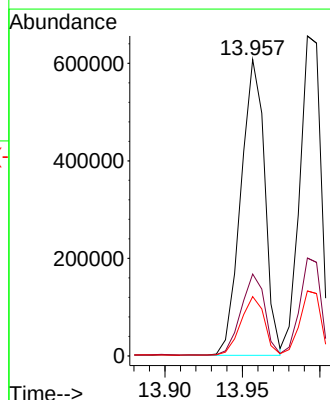
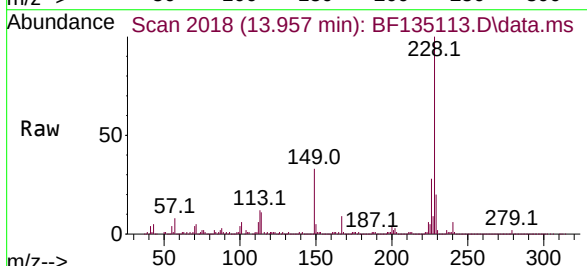
Tgt Ion:228 Resp: 650519

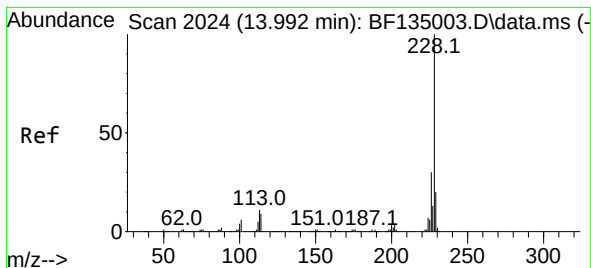
Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.0 15.6 23.4





#83

Chrysene

Concen: 49.033 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

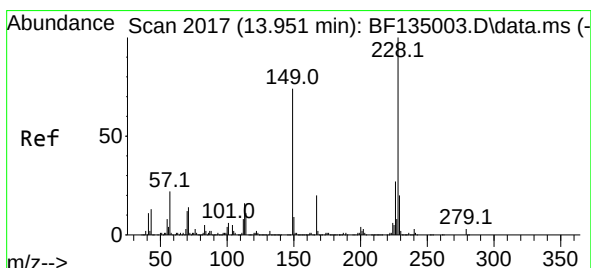
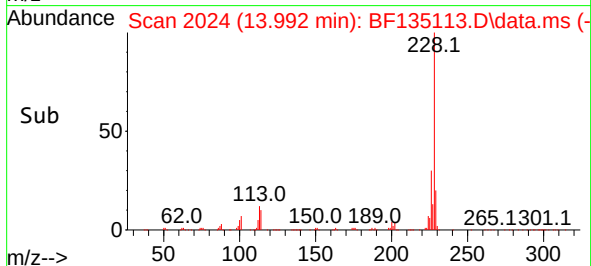
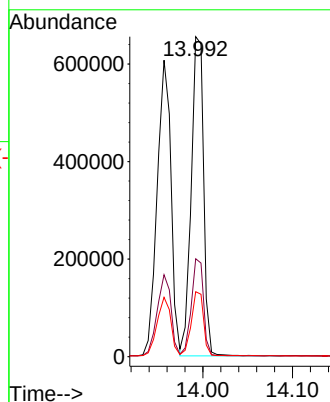
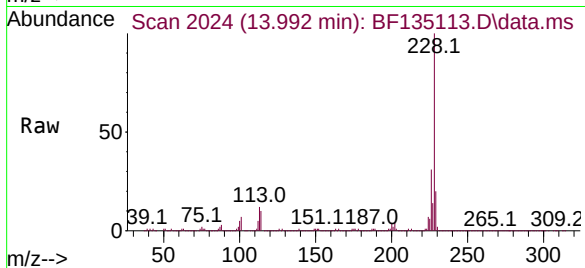
Tgt Ion:228 Resp: 627955

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.121 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

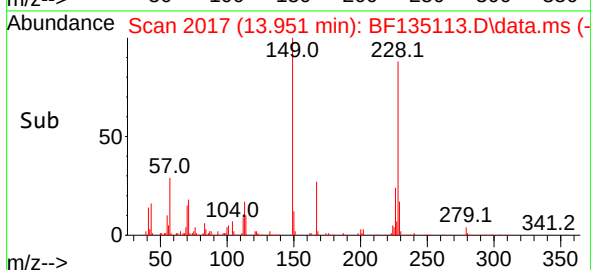
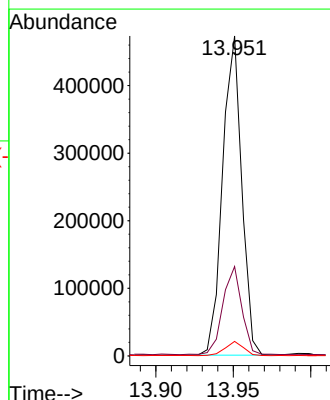
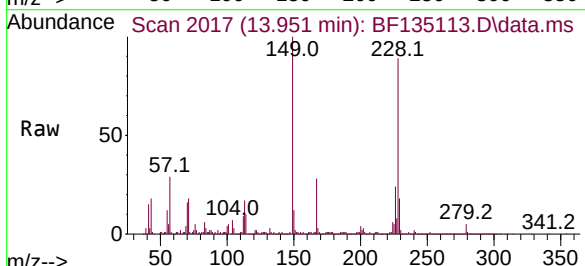
Tgt Ion:149 Resp: 407695

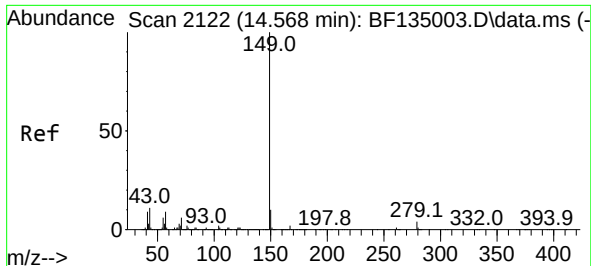
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.5 3.0 4.6

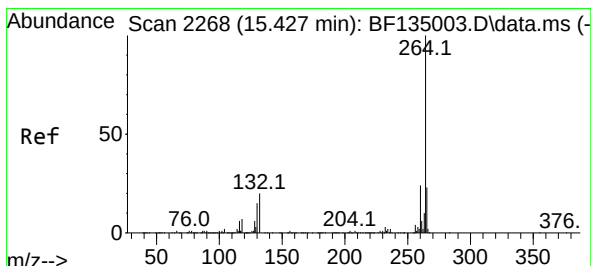
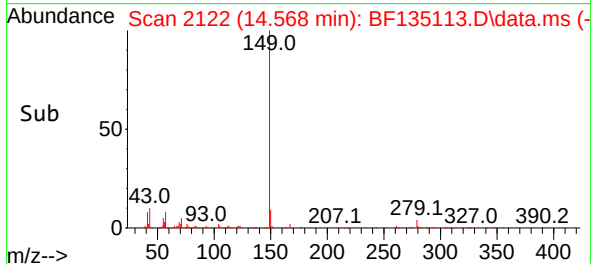
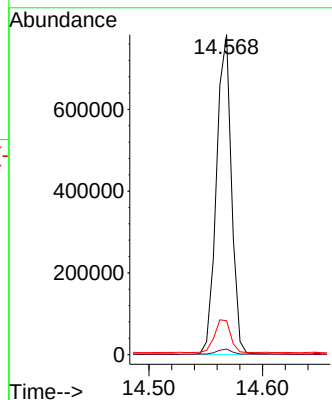
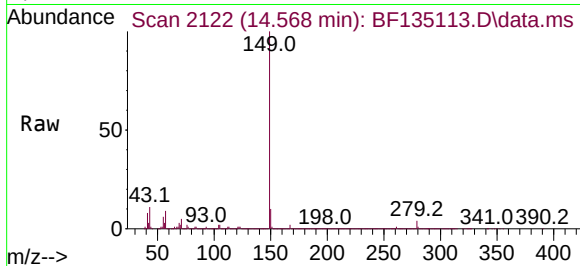




#85
Di-n-octyl phthalate
Concen: 69.215 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

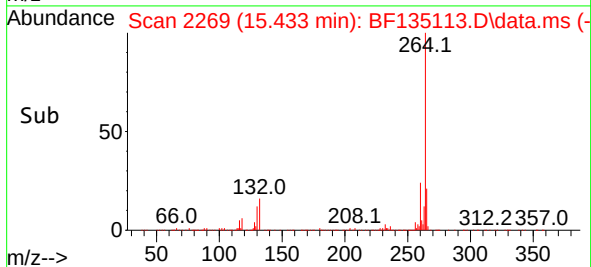
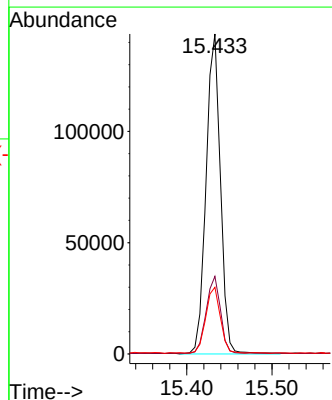
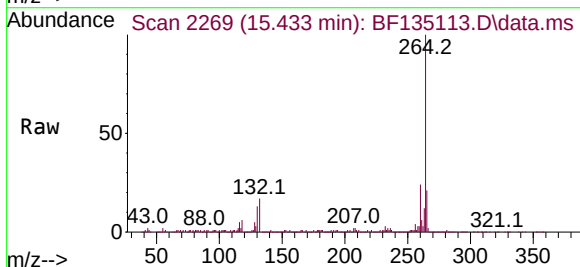
Instrument :
BNA_F
ClientSampleId :
356MSD

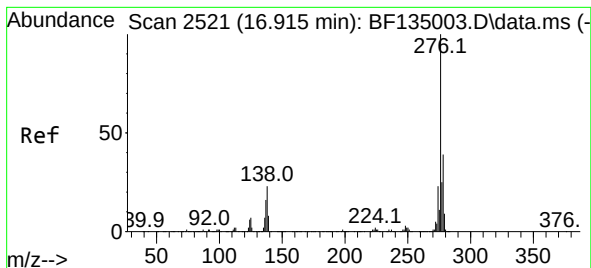
Tgt Ion:149 Resp: 716418
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:264 Resp: 168294
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 20.8 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.663 ng

RT: 16.915 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

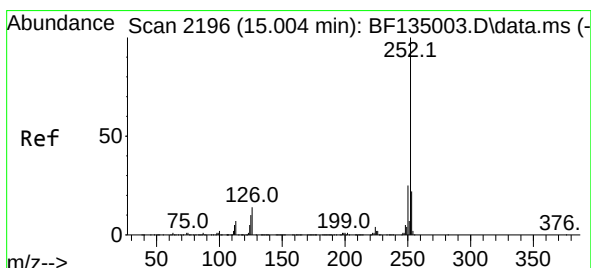
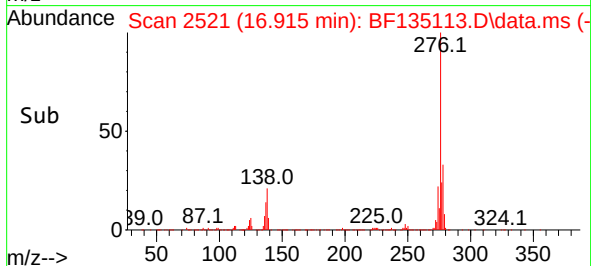
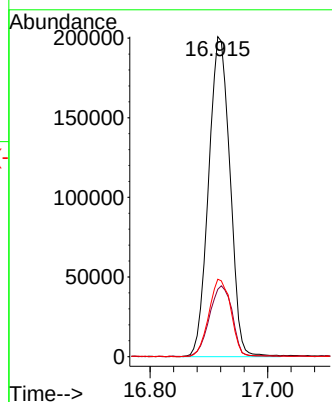
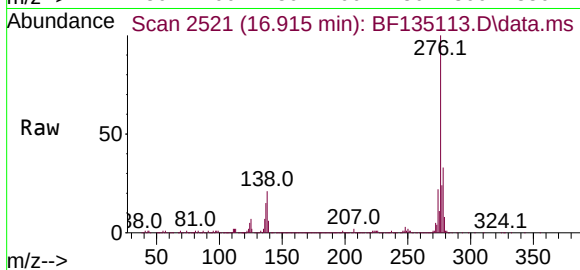
Tgt Ion:276 Resp: 506288

Ion Ratio Lower Upper

276 100

138 23.7 20.2 30.2

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 55.485 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

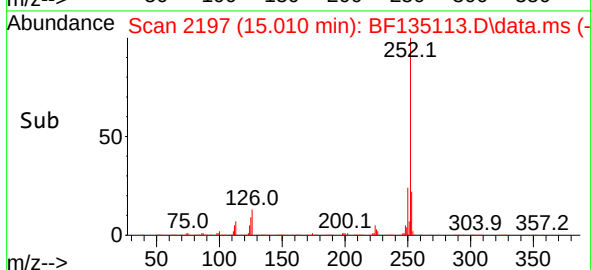
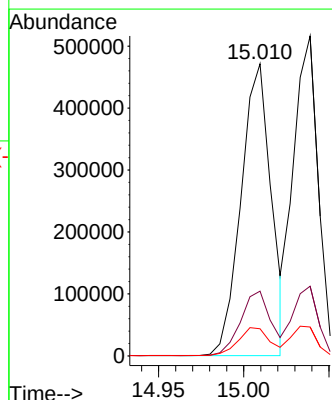
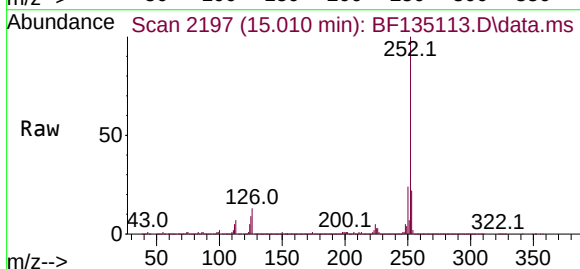
Tgt Ion:252 Resp: 581013

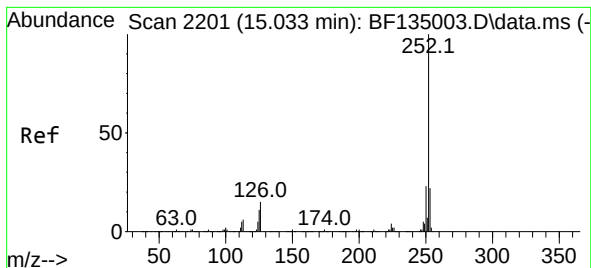
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.3 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 51.631 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

Instrument :

BNA_F

ClientSampleId :

356MSD

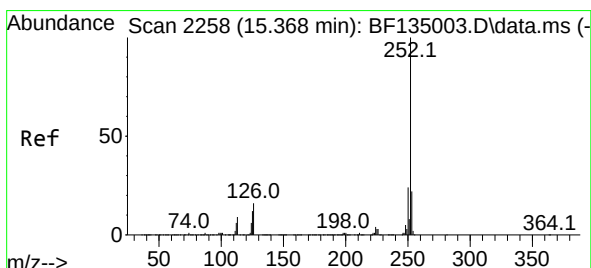
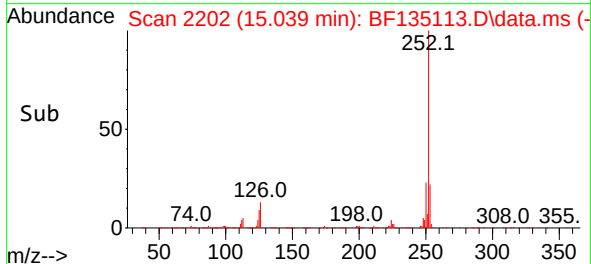
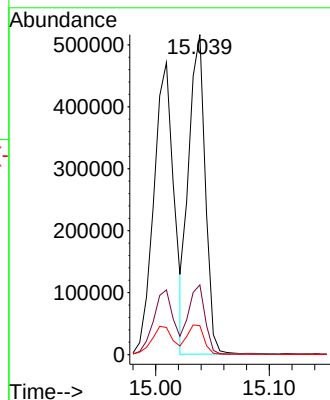
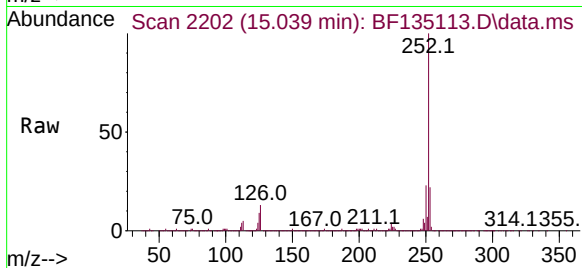
Tgt Ion:252 Resp: 522323

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.0 8.5 12.7



#90

Benzo(a)pyrene

Concen: 45.283 ng

RT: 15.374 min Scan# 2259

Delta R.T. 0.006 min

Lab File: BF135113.D

Acq: 06 Sep 2023 01:43

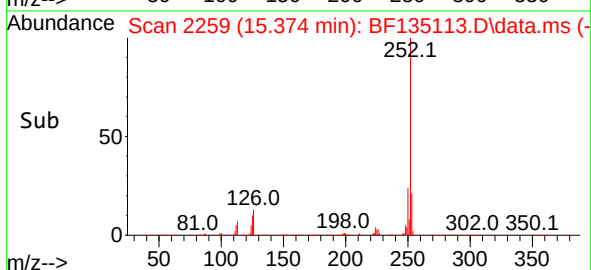
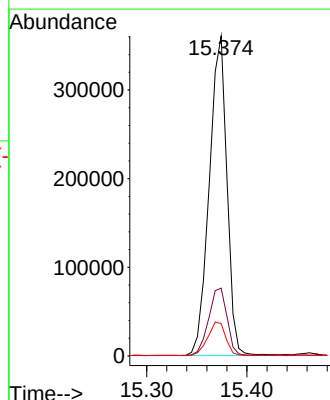
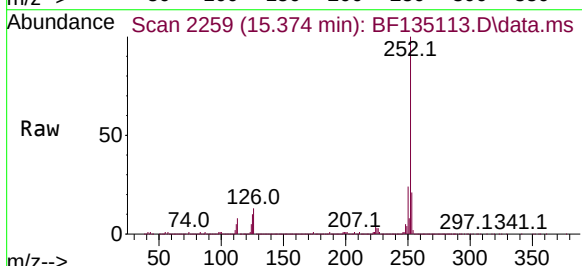
Tgt Ion:252 Resp: 440500

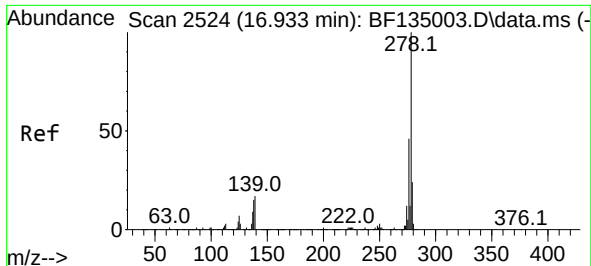
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 10.1 9.5 14.3

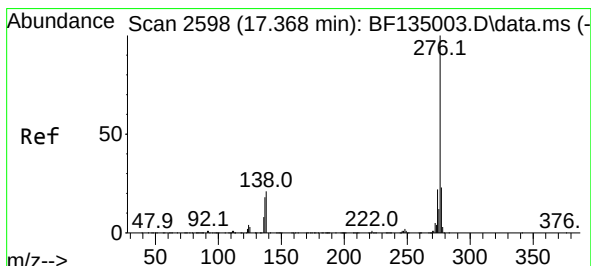
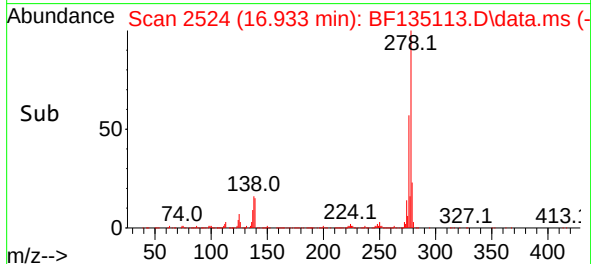
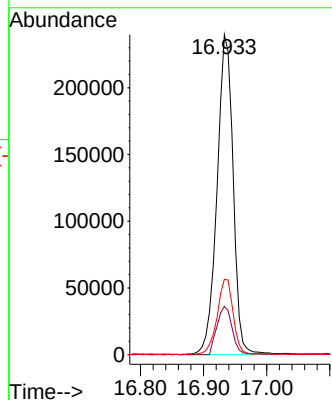
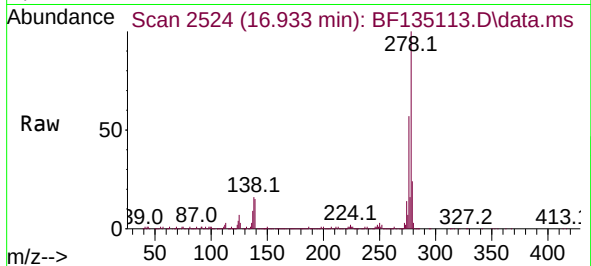




#91
Dibenzo(a,h)anthracene
Concen: 46.343 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Instrument :
BNA_F
ClientSampleId :
356MSD

Tgt Ion:278 Resp: 425475
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.2
279 23.5 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 42.057 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF135113.D
Acq: 06 Sep 2023 01:43

Tgt Ion:276 Resp: 401595
Ion Ratio Lower Upper
276 100
277 22.4 18.5 27.7
138 20.7 17.1 25.7

