

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135099.D
 Acq On : 05 Sep 2023 17:13
 Operator : CG\JU
 Sample : 04203-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD

Quant Time: Sep 06 01:54:40 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	103940	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	406686	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	202019	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	327890	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187073	20.000	ng	0.00
86) Perylene-d12	15.427	264	224652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	657324	97.683	ng	0.01
7) Phenol-d6	6.416	99	804353	95.899	ng	0.00
23) Nitrobenzene-d5	7.339	82	508991	70.313	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	198582	92.666	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	852269	68.686	ng	0.00
79) Terphenyl-d14	12.898	244	698607	60.942	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	124685	43.743	ng	99
3) Pyridine	3.316	79	307925	40.071	ng	99
4) n-Nitrosodimethylamine	3.281	42	186052	49.508	ng	96
6) Aniline	6.439	93	351448	33.800	ng	# 88
8) 2-Chlorophenol	6.563	128	348025	50.908	ng	97
9) Benzaldehyde	6.328	77	134350	31.436	ng	94
10) Phenol	6.434	94	414307	47.051	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	323834	48.839	ng	97
12) 1,3-Dichlorobenzene	6.716	146	357763	50.794	ng	99
13) 1,4-Dichlorobenzene	6.792	146	364331	51.682	ng	97
14) 1,2-Dichlorobenzene	6.939	146	344153	52.316	ng	98
15) Benzyl Alcohol	6.922	79	295248	51.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	519418	46.778	ng	98
17) 2-Methylphenol	7.034	107	263335	44.204	ng	97
18) Hexachloroethane	7.281	117	135379	51.843	ng	96
19) n-Nitroso-di-n-propyla...	7.192	70	222792	44.718	ng	98
20) 3+4-Methylphenols	7.186	107	321656	45.768	ng	94
22) Acetophenone	7.186	105	454947	50.293	ng	# 98
24) Nitrobenzene	7.357	77	353602	47.620	ng	98
25) Isophorone	7.598	82	641844	46.765	ng	99
26) 2-Nitrophenol	7.675	139	181200	49.390	ng	98
27) 2,4-Dimethylphenol	7.716	122	265634	44.973	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	388037	46.869	ng	98
29) 2,4-Dichlorophenol	7.916	162	268933	47.907	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	302984	49.944	ng	99
31) Naphthalene	8.075	128	949885	47.814	ng	99
32) Benzoic acid	7.851	122	209316	44.301	ng	93
33) 4-Chloroaniline	8.128	127	250776	28.860	ng	97
34) Hexachlorobutadiene	8.192	225	170142	49.420	ng	98
35) Caprolactam	8.504	113	60451	32.889	ng	89
36) 4-Chloro-3-methylphenol	8.616	107	291544	47.816	ng	94
37) 2-Methylnaphthalene	8.769	142	592885	44.728	ng	99
38) 1-Methylnaphthalene	8.869	142	566780	45.698	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	278268	49.205	ng	99
41) Hexachlorocyclopentadiene	8.916	237	153620	63.822	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	182279	47.994	ng	99

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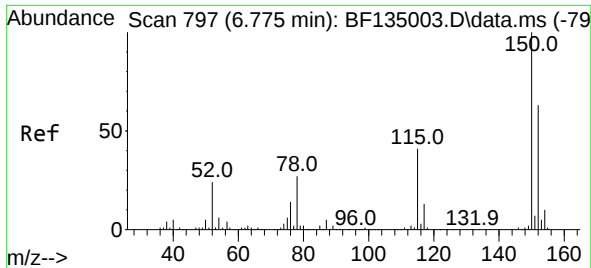
Quant Time: Sep 06 01:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	197521	44.921	ng	# 92
46) 1,1'-Biphenyl	9.233	154	746898	48.391	ng	98
47) 2-Chloronaphthalene	9.257	162	568698	48.997	ng	96
48) 2-Nitroaniline	9.357	65	191875	48.292	ng	88
49) Acenaphthylene	9.675	152	849755	48.431	ng	99
50) Dimethylphthalate	9.545	163	681225	48.158	ng	99
51) 2,6-Dinitrotoluene	9.604	165	148941	47.985	ng	98
52) Acenaphthene	9.845	154	527573	47.184	ng	98
53) 3-Nitroaniline	9.775	138	128738	35.606	ng	98
54) 2,4-Dinitrophenol	9.886	184	86691	58.439	ng	# 87
55) Dibenzofuran	10.022	168	744735	46.173	ng	99
56) 4-Nitrophenol	9.945	139	202090	79.513	ng	93
57) 2,4-Dinitrotoluene	10.010	165	185106	47.854	ng	# 95
58) Fluorene	10.363	166	574741	46.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	154085	45.508	ng	98
60) Diethylphthalate	10.245	149	634036	47.615	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	283445	46.602	ng	98
62) 4-Nitroaniline	10.392	138	139174	39.339	ng	97
63) Azobenzene	10.516	77	609663	45.471	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	67788	34.159	ng	94
66) n-Nitrosodiphenylamine	10.480	169	524531	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	176161	50.653	ng	95
68) Hexachlorobenzene	10.910	284	191356	53.212	ng	93
69) Atrazine	11.016	200	173041	Below Cal		100
70) Pentachlorophenol	11.110	266	150264	69.068	ng	98
71) Phenanthrene	11.327	178	816755	48.283	ng	99
72) Anthracene	11.380	178	818967	47.385	ng	99
73) Carbazole	11.539	167	670187	44.958	ng	99
74) Di-n-butylphthalate	11.874	149	897065	49.921	ng	100
75) Fluoranthene	12.521	202	686591	40.145	ng	100
77) Benzidine	12.651	184	213146	63.206	ng	98
78) Pyrene	12.751	202	677330	38.134	ng	100
80) Butylbenzylphthalate	13.380	149	282817	44.076	ng	97
81) Benzo(a)anthracene	13.951	228	607560	47.611	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	221329	57.479	ng	100
83) Chrysene	13.986	228	585556	46.692	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	350573	52.793	ng	99
85) Di-n-octyl phthalate	14.562	149	671760	66.276	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	609797	40.299	ng	98
88) Benzo(b)fluoranthene	15.004	252	684562	48.973	ng	98
89) Benzo(k)fluoranthene	15.033	252	621545	46.026	ng	99
90) Benzo(a)pyrene	15.368	252	582621	44.868	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	519194	42.364	ng	98
92) Benzo(g,h,i)perylene	17.362	276	452826	35.525	ng	96

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

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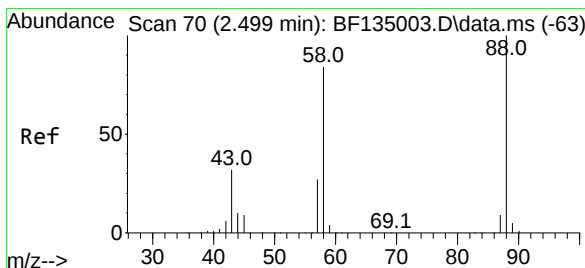
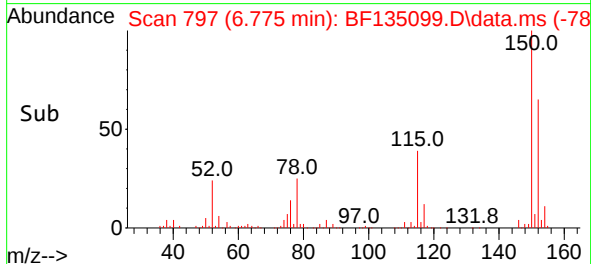
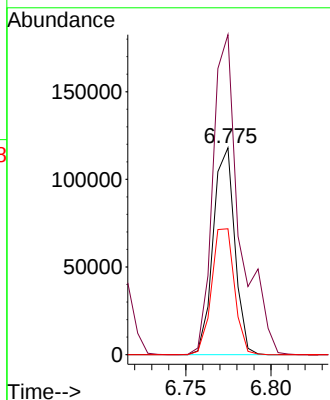
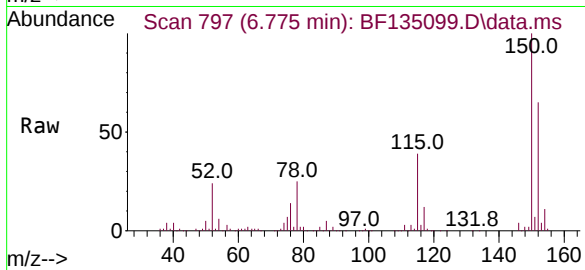




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

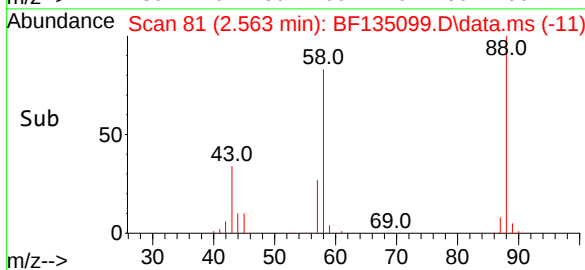
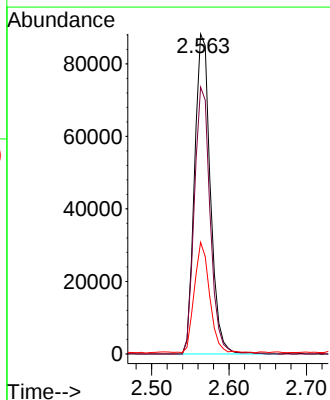
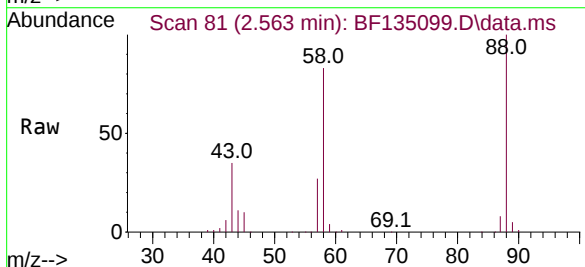
Instrument :
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 SB-8(12-12.5)MSD

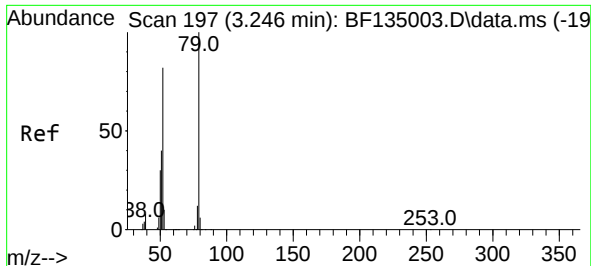
Tgt Ion:152 Resp: 103940
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.4
 115 60.8 51.2 76.8



#2
 1,4-Dioxane
 Concen: 43.743 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.065 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

Tgt Ion: 88 Resp: 124685
 Ion Ratio Lower Upper
 88 100
 58 83.6 67.1 100.7
 43 33.8 25.9 38.9

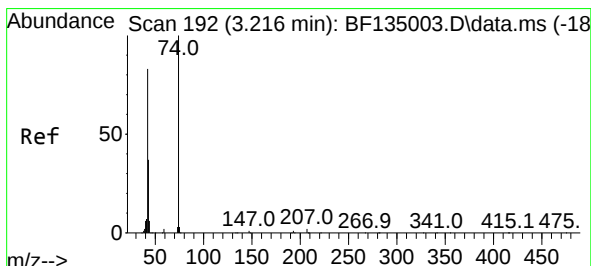
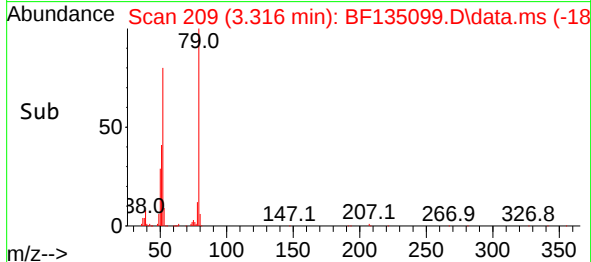
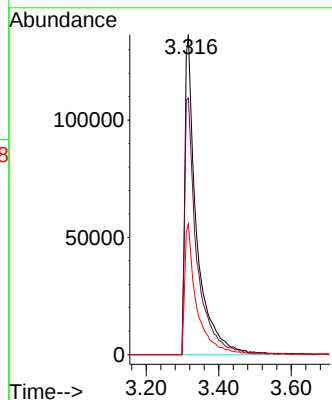
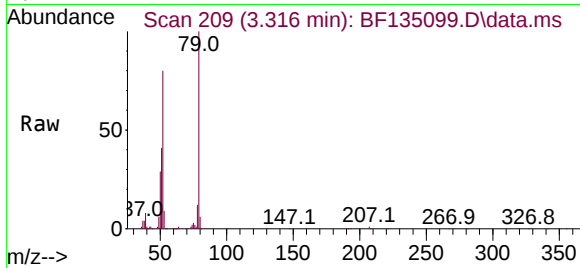




#3
Pyridine
Concen: 40.071 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

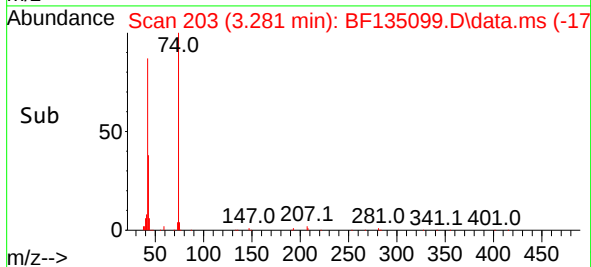
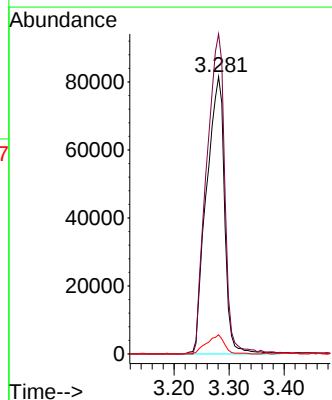
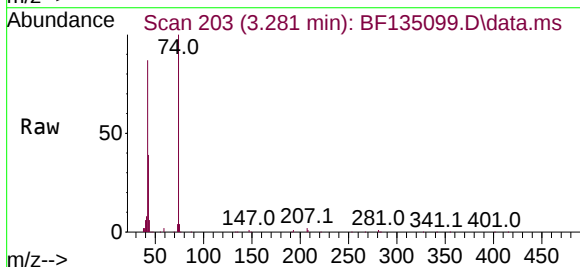
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

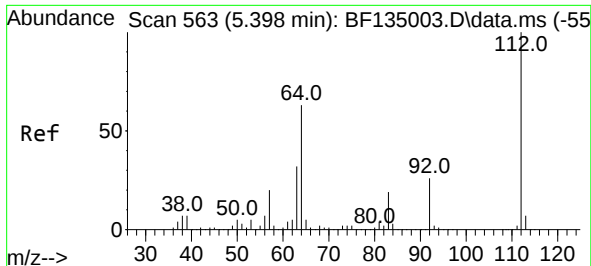
Tgt Ion: 79 Resp: 307925
Ion Ratio Lower Upper
79 100
52 80.2 65.4 98.2
51 40.8 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 49.508 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion: 42 Resp: 186052
Ion Ratio Lower Upper
42 100
74 115.4 96.2 144.2
44 6.9 5.8 8.6

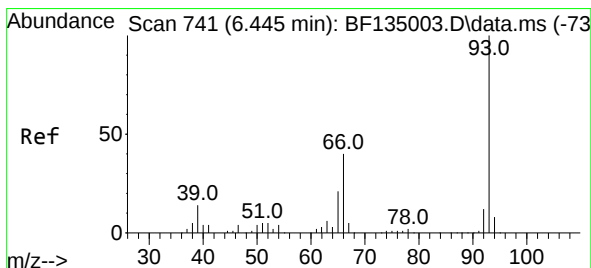
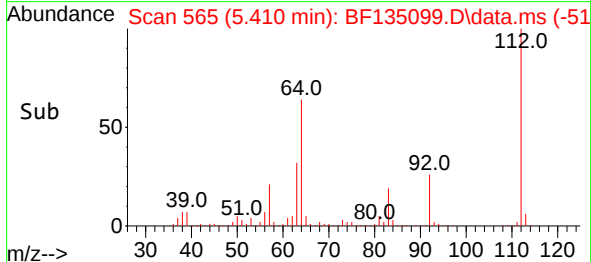
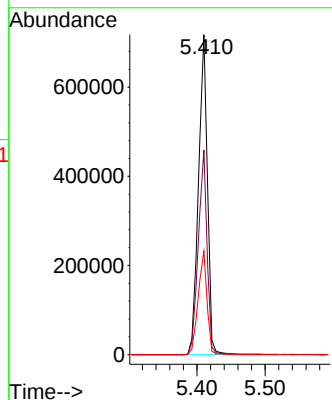
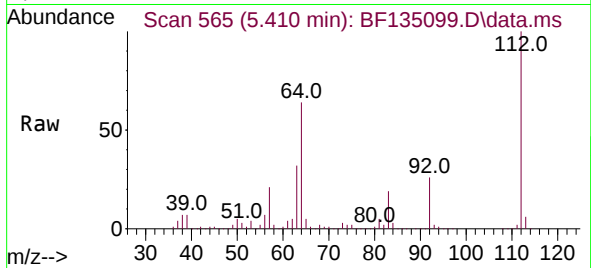




#5
2-Fluorophenol
Concen: 97.683 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

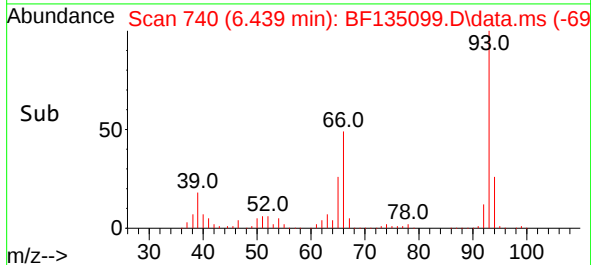
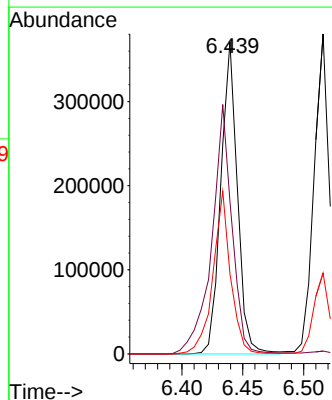
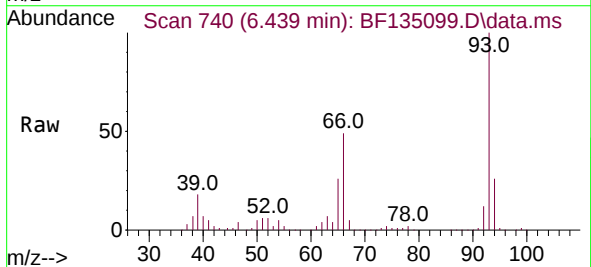
Instrument :
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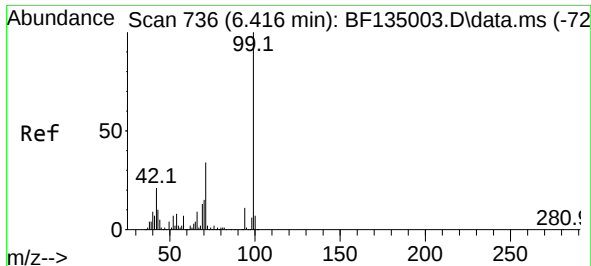
Tgt Ion:112 Resp: 657324
Ion Ratio Lower Upper
112 100
64 63.9 50.5 75.7
63 32.3 25.9 38.9



#6
Aniline
Concen: 33.800 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion: 93 Resp: 351448
Ion Ratio Lower Upper
93 100
66 48.8 32.4 48.6#
65 25.6 16.6 24.8#





#7

Phenol-d6

Concen: 95.899 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF135099.D

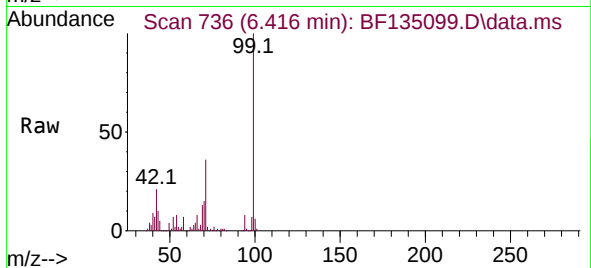
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



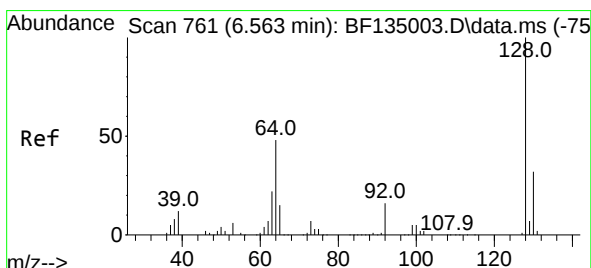
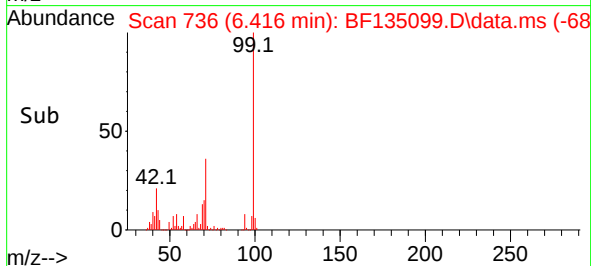
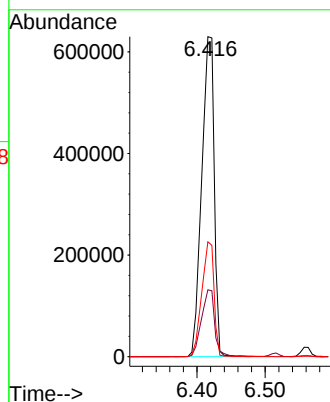
Tgt Ion: 99 Resp: 804353

Ion Ratio Lower Upper

99 100

42 20.9 16.6 25.0

71 35.9 27.0 40.6



#8

2-Chlorophenol

Concen: 50.908 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.000 min

Lab File: BF135099.D

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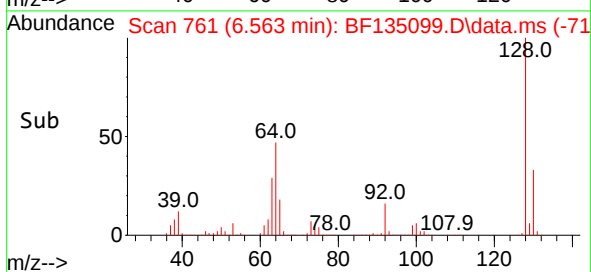
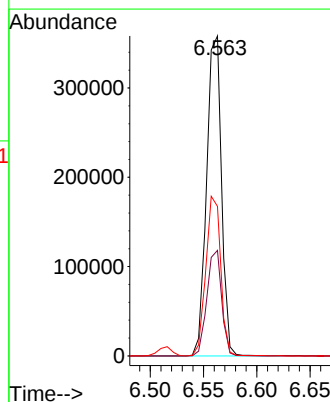
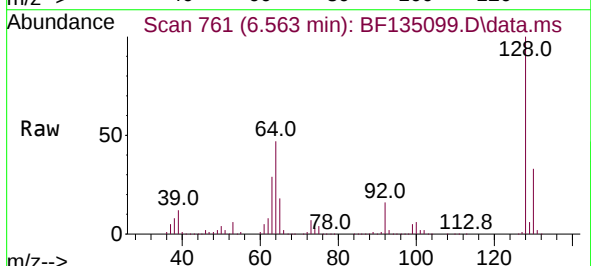
Tgt Ion: 128 Resp: 348025

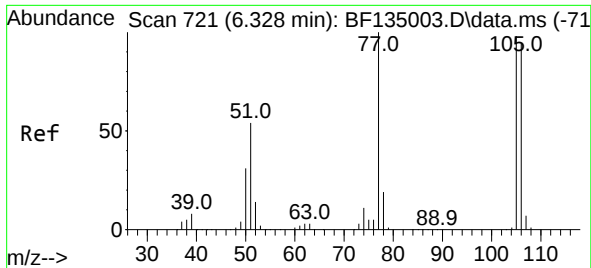
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 46.8 29.0 69.0





#9

Benzaldehyde

Concen: 31.436 ng

RT: 6.328 min Scan# 721

Delta R.T. -0.000 min

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Instrument :

BNA_F

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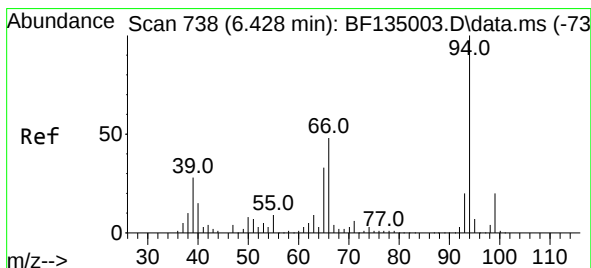
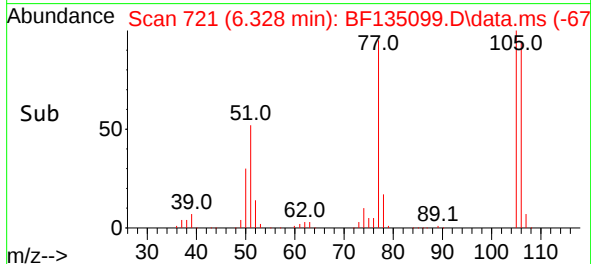
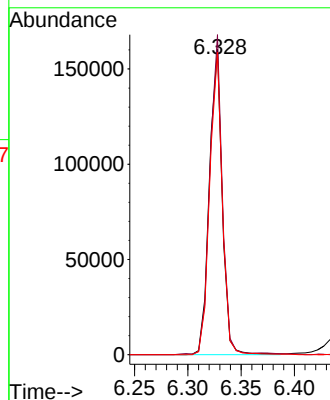
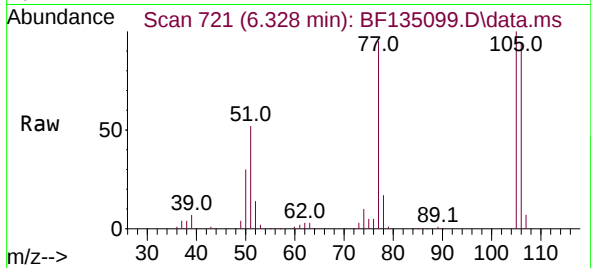
Tgt Ion: 77 Resp: 134350

Ion Ratio Lower Upper

77 100

105 104.8 78.4 118.4

106 99.0 74.3 114.3



#10

Phenol

Concen: 47.051 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

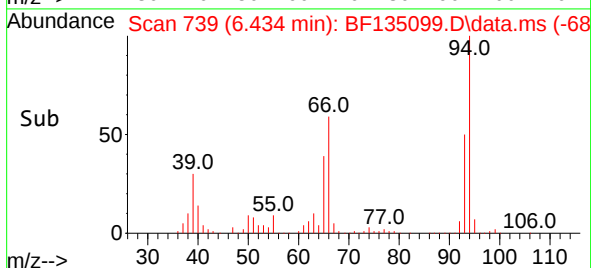
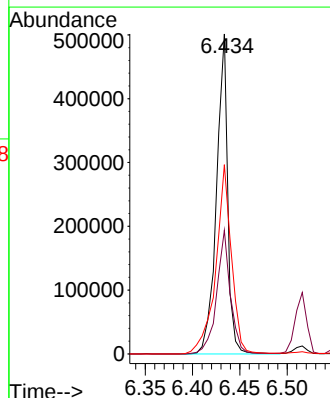
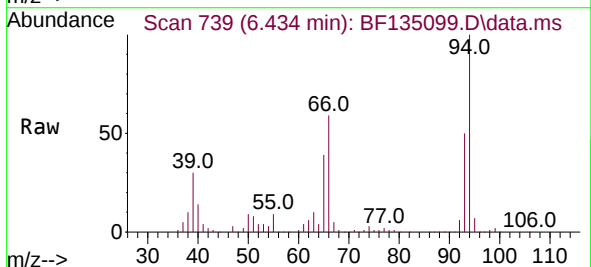
Tgt Ion: 94 Resp: 414307

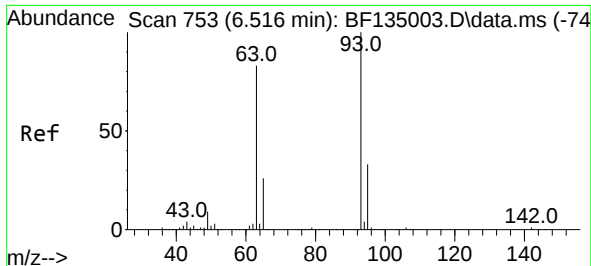
Ion Ratio Lower Upper

94 100

65 38.6 13.2 53.2

66 59.1 27.5 67.5

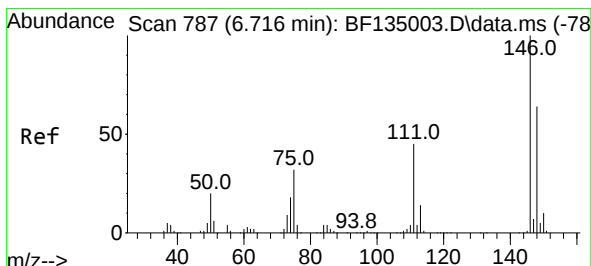
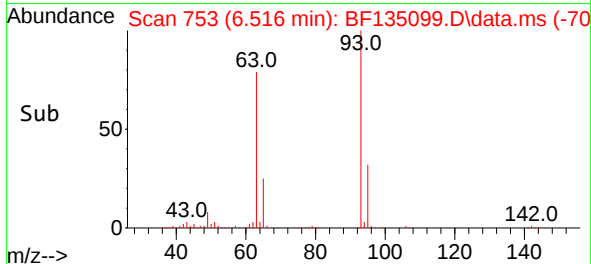
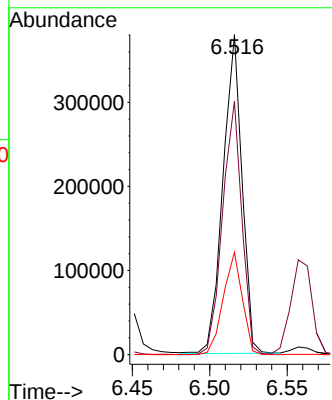
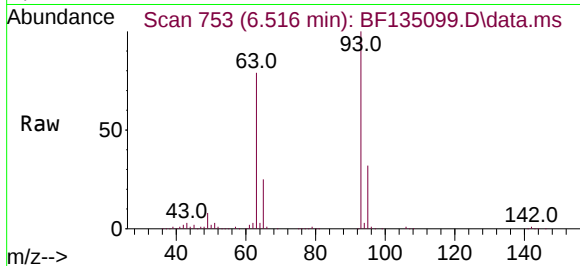




#11
bis(2-Chloroethyl)ether
Concen: 48.839 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

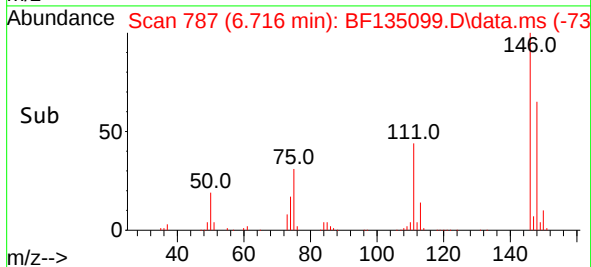
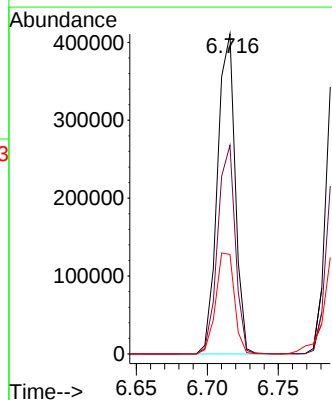
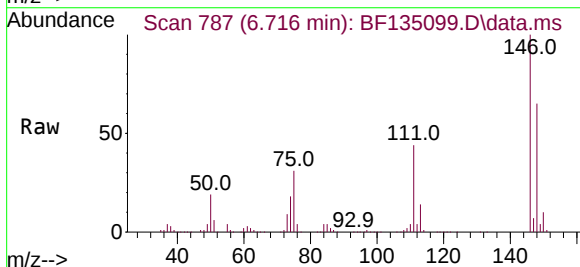
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

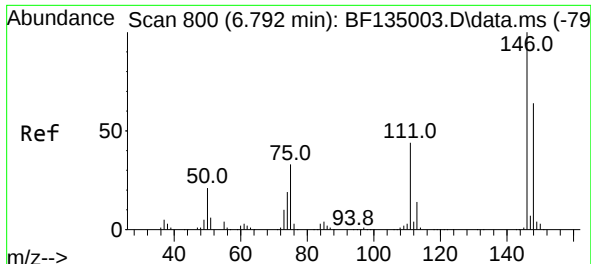
Tgt Ion: 93 Resp: 323834
Ion Ratio Lower Upper
93 100
63 79.2 62.8 102.8
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.794 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion: 146 Resp: 357763
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
75 31.1 25.8 38.8

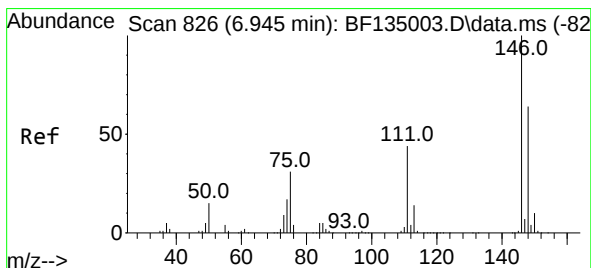
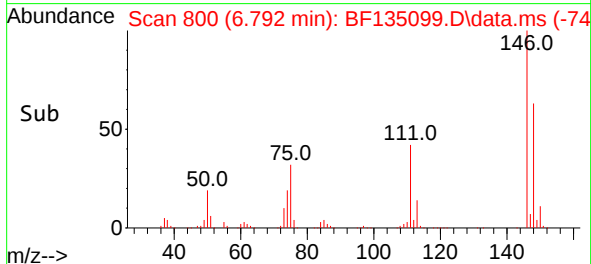
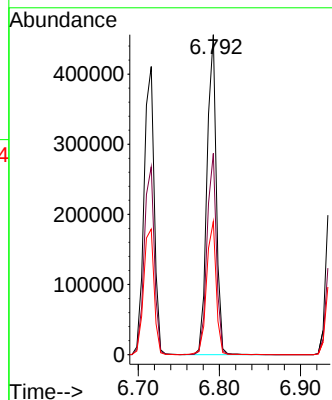
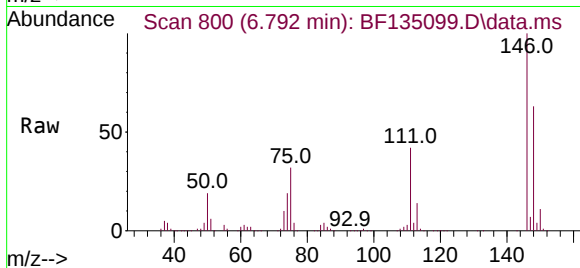




#13
1,4-Dichlorobenzene
Concen: 51.682 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

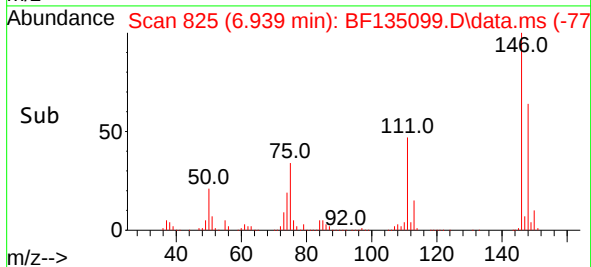
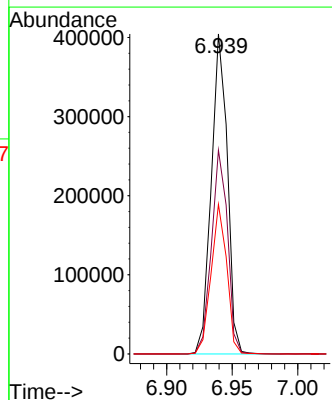
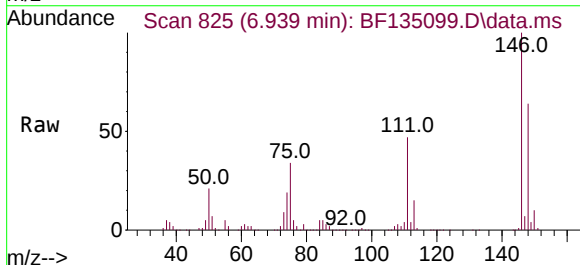
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

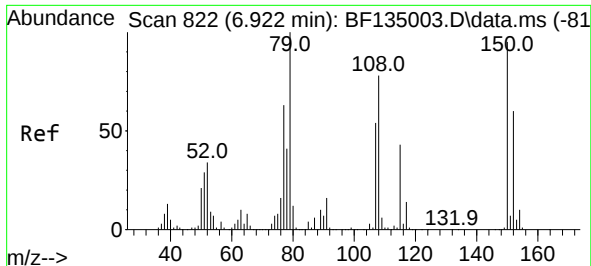
Tgt Ion:146 Resp: 364331
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 41.6 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 52.316 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:146 Resp: 344153
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 46.7 35.3 52.9

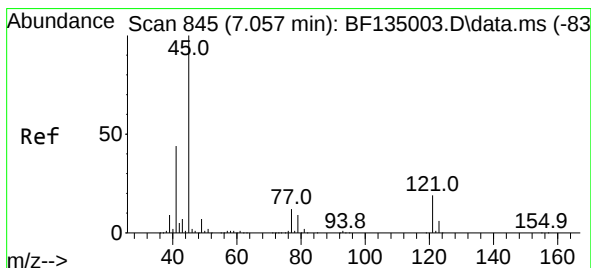
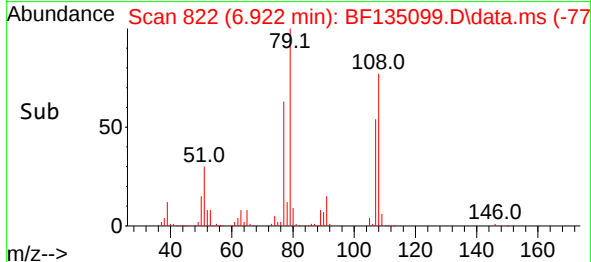
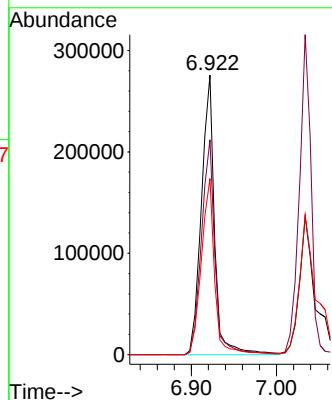
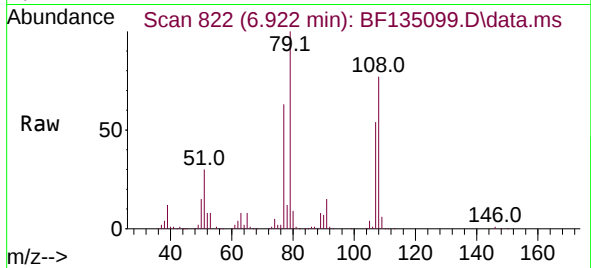




#15
Benzyl Alcohol
Concen: 51.380 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

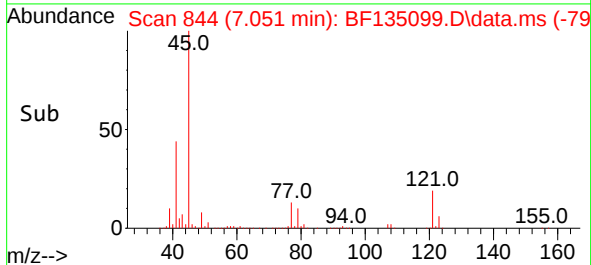
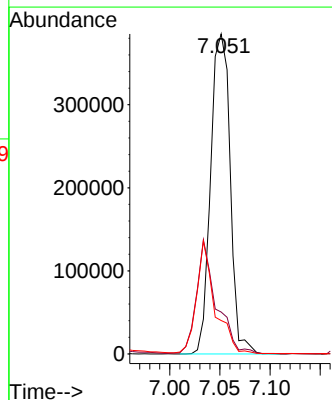
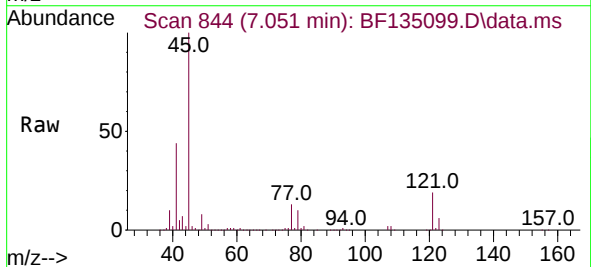
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

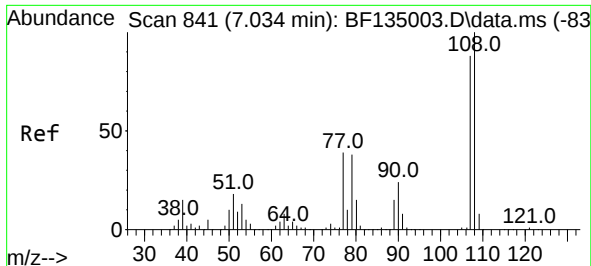
Tgt Ion: 79 Resp: 295248
Ion Ratio Lower Upper
79 100
108 76.9 62.5 93.7
77 63.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.778 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion: 45 Resp: 519418
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.3
79 10.4 0.0 29.5

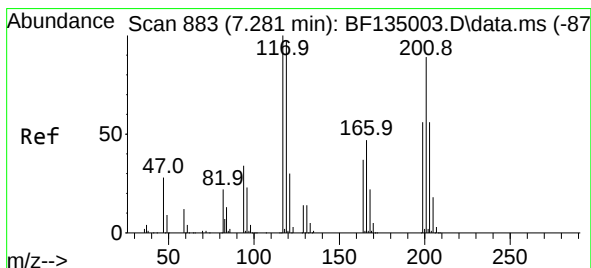
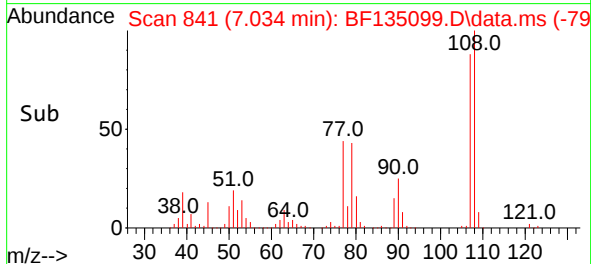
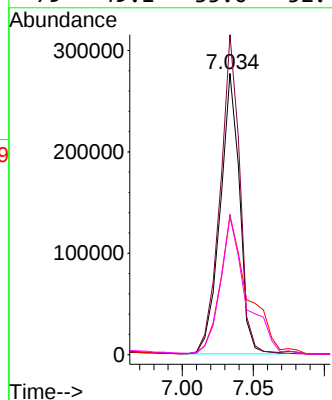
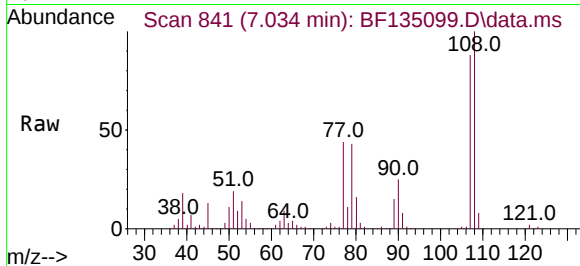




#17
2-Methylphenol
Concen: 44.204 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

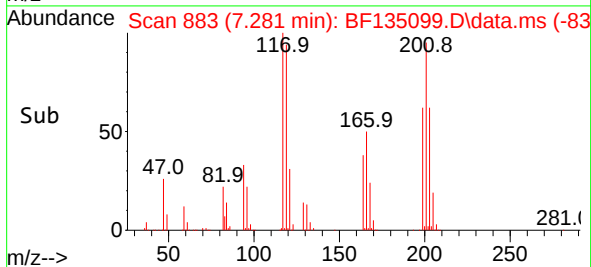
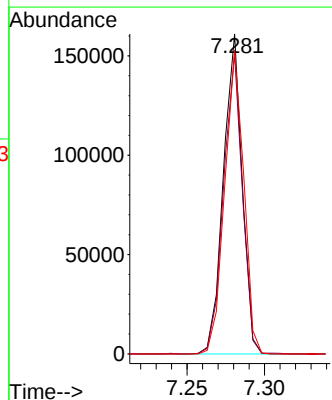
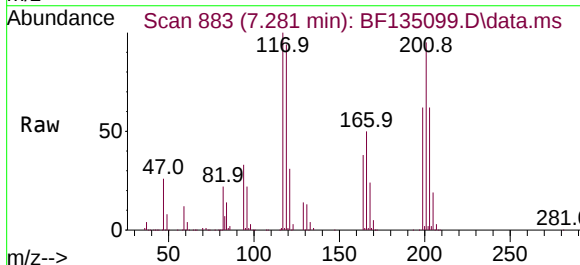
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

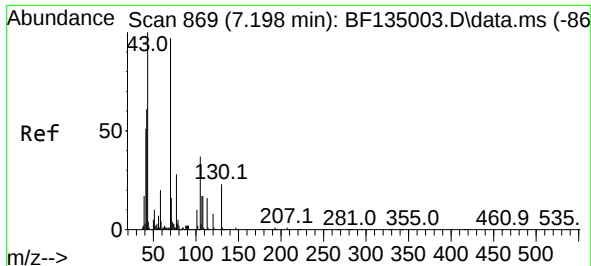
Tgt Ion:	107	Resp:	263335
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.2	136.8
77	49.6	36.0	54.0
79	49.1	35.0	52.4



#18
Hexachloroethane
Concen: 51.843 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:	117	Resp:	135379
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.2
201	95.0	71.4	107.2

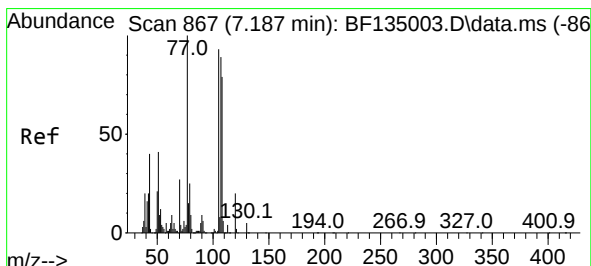
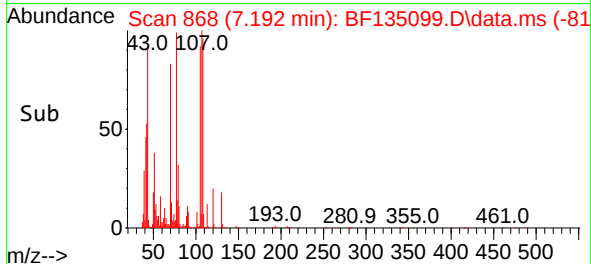
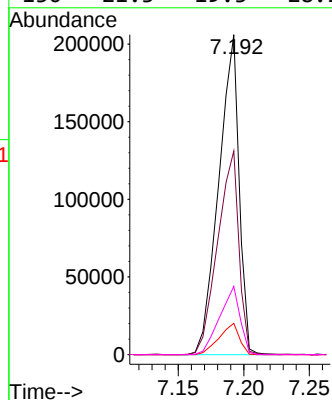
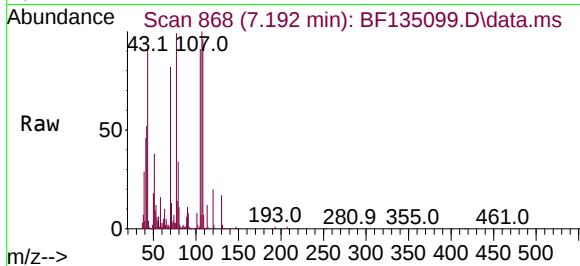




#19
n-Nitroso-di-n-propylamine
Concen: 44.718 ng
RT: 7.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

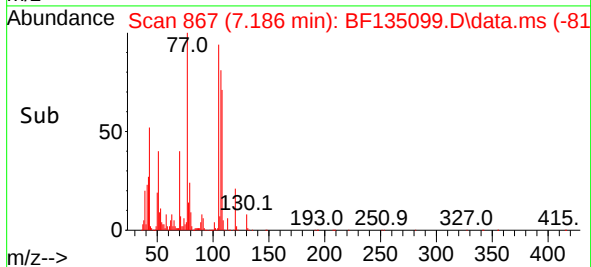
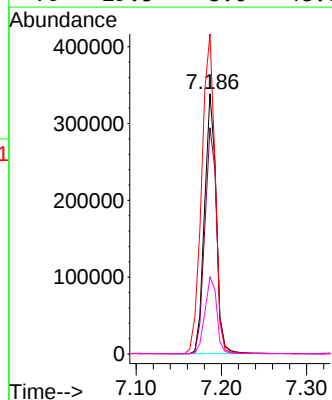
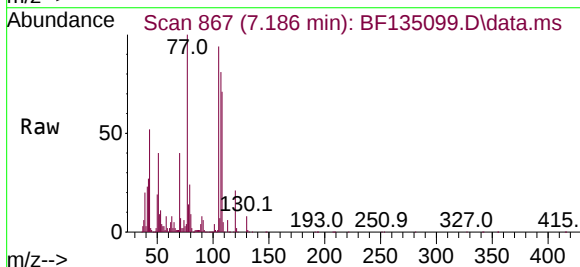
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

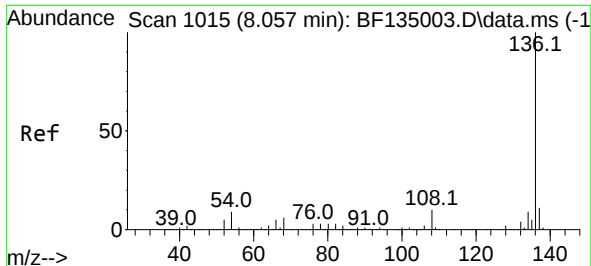
Tgt Ion: 70 Resp: 222792
Ion Ratio Lower Upper
70 100
42 63.6 50.2 75.4
101 9.8 8.1 12.1
130 21.3 19.3 28.9



#20
3+4-Methylphenols
Concen: 45.768 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

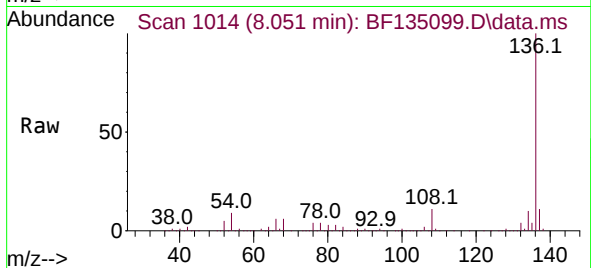
Tgt Ion: 107 Resp: 321656
Ion Ratio Lower Upper
107 100
108 86.9 68.6 108.6
77 123.0 92.3 132.3
79 29.5 8.0 48.0



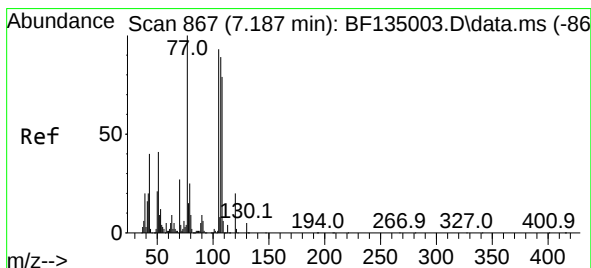
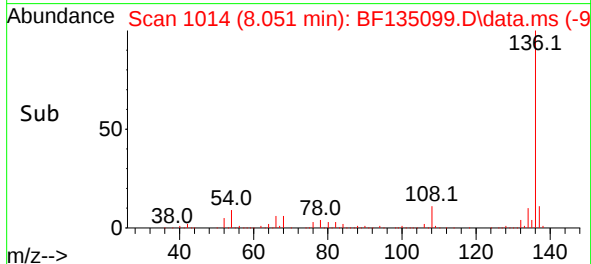
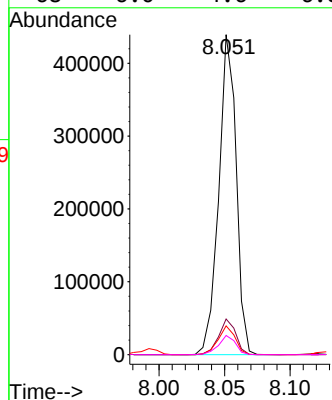


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

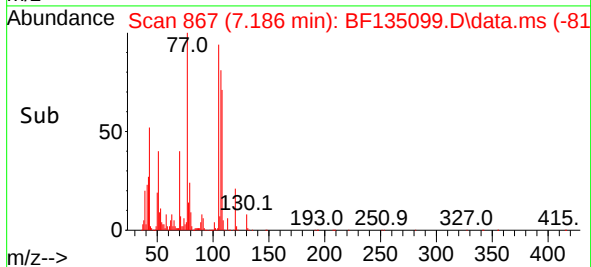
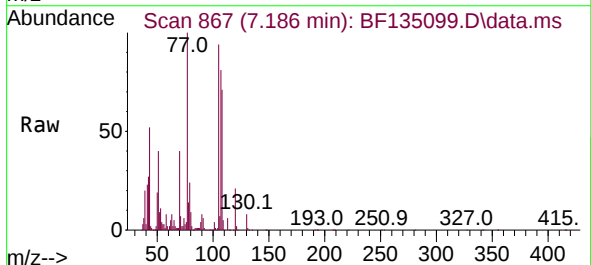
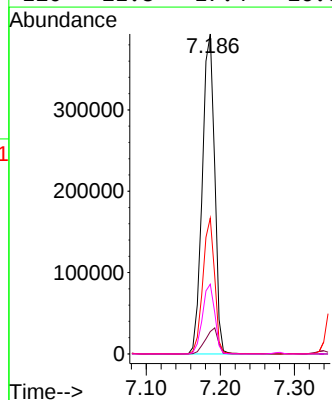


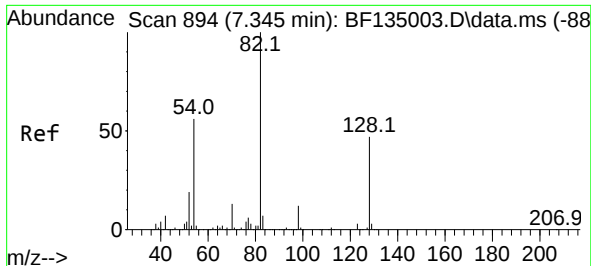
Tgt Ion:136 Resp: 406686
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 7.0 10.4
68 6.0 4.6 6.8



#22
Acetophenone
Concen: 50.293 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:105 Resp: 454947
Ion Ratio Lower Upper
105 100
71 7.0 3.8 5.6#
51 42.5 35.0 52.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 70.313 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

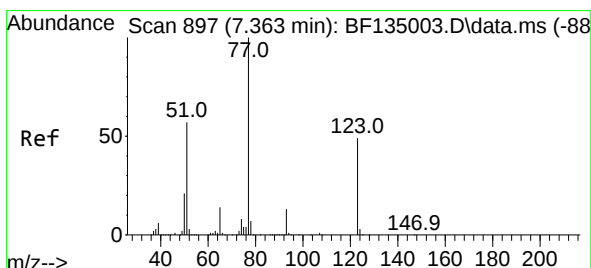
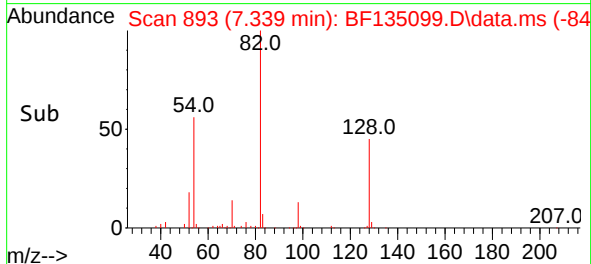
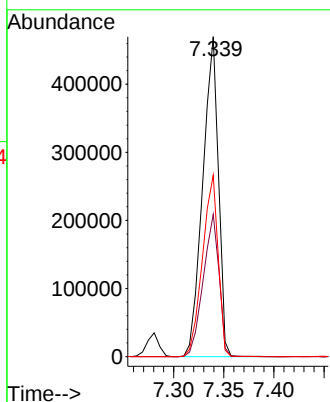
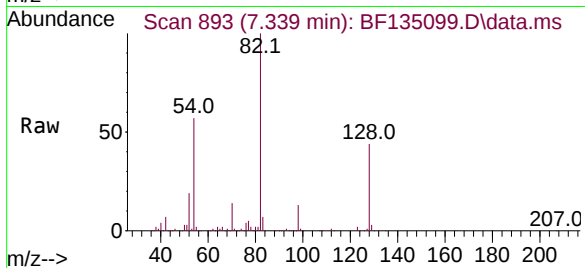
Tgt Ion: 82 Resp: 508991

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

54 56.7 45.0 67.6



#24

Nitrobenzene

Concen: 47.620 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

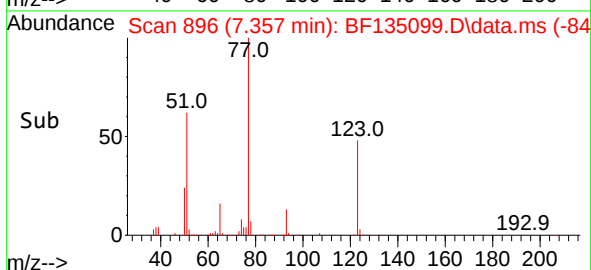
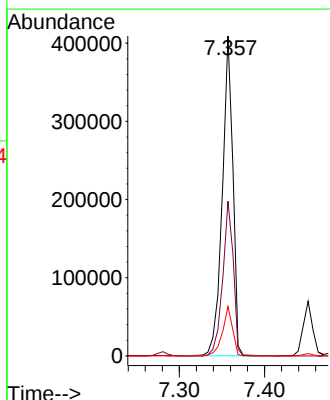
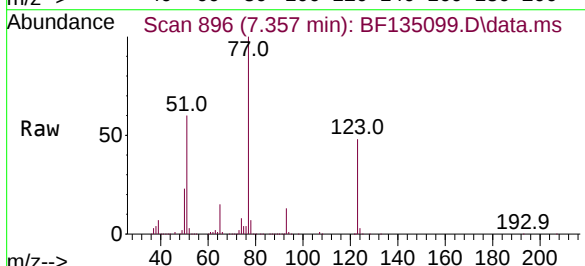
Tgt Ion: 77 Resp: 353602

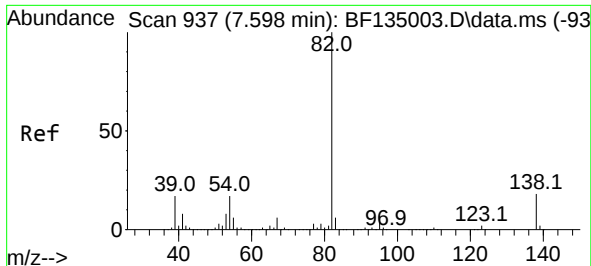
Ion Ratio Lower Upper

77 100

123 48.3 39.4 59.2

65 15.4 11.4 17.2

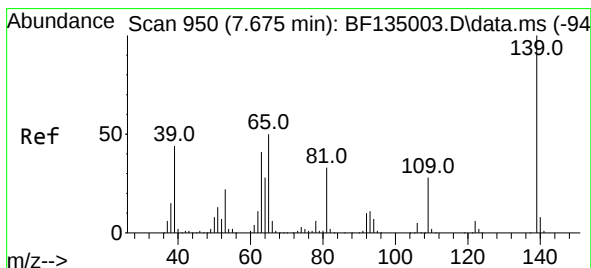
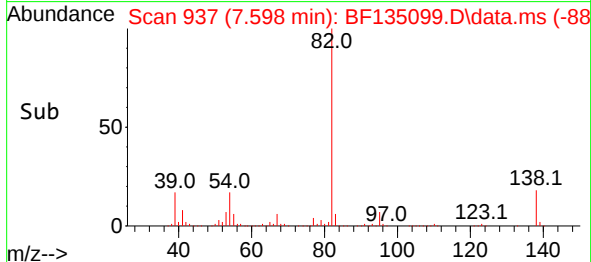
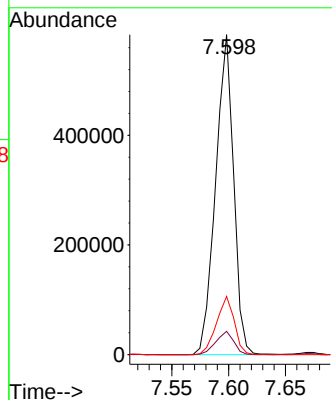
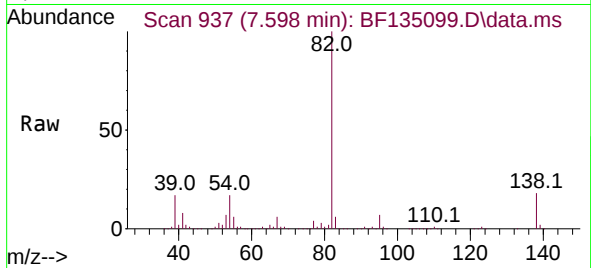




#25
Isophorone
Concen: 46.765 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

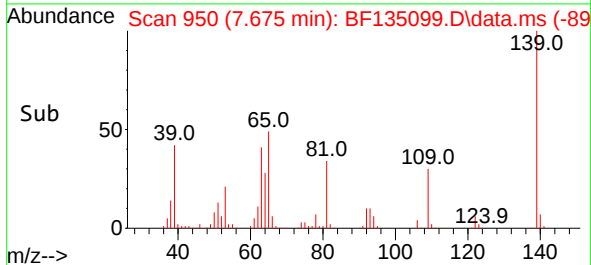
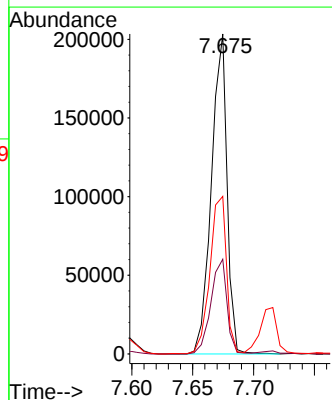
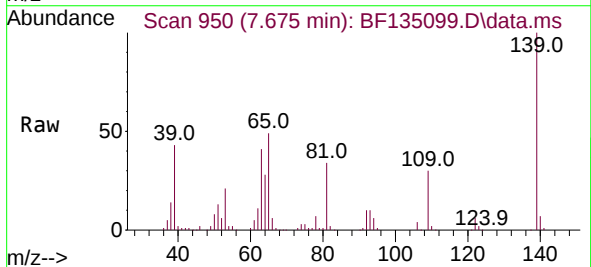
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

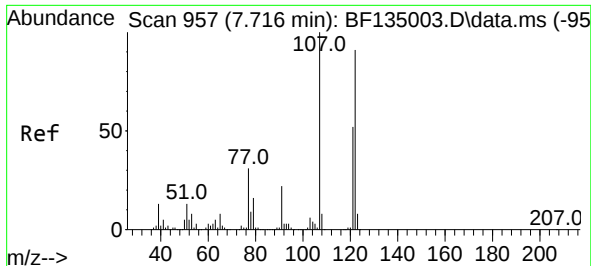
Tgt Ion: 82 Resp: 641844
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.2 14.7 22.1



#26
2-Nitrophenol
Concen: 49.390 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion: 139 Resp: 181200
Ion Ratio Lower Upper
139 100
109 29.6 22.6 34.0
65 49.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 44.973 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135099.D

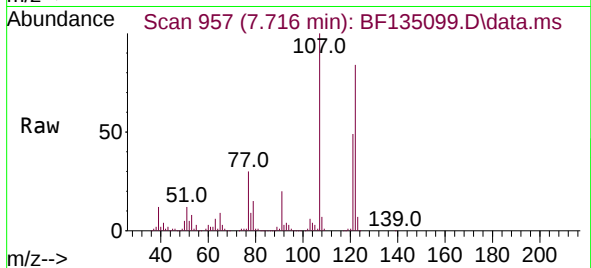
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



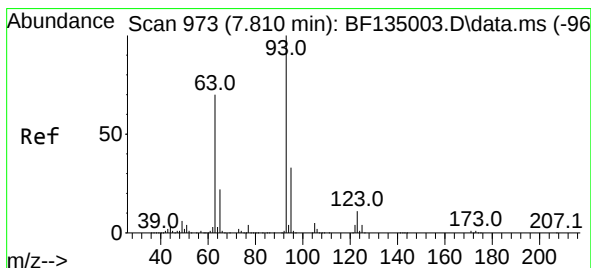
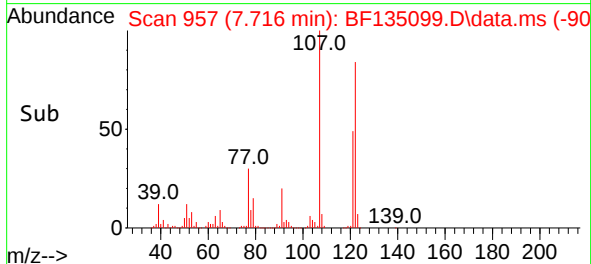
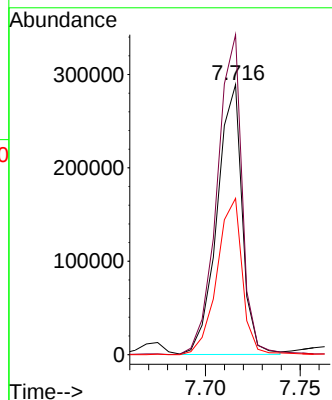
Tgt Ion:122 Resp: 265634

Ion Ratio Lower Upper

122 100

107 118.5 87.8 131.8

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.869 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

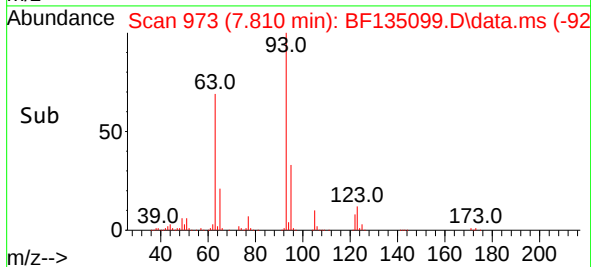
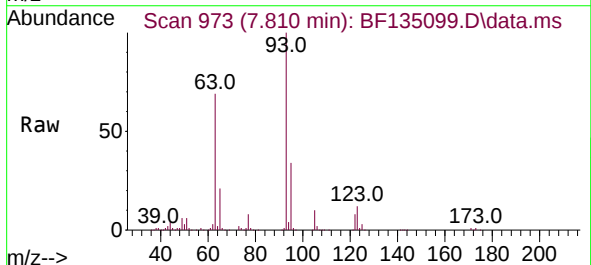
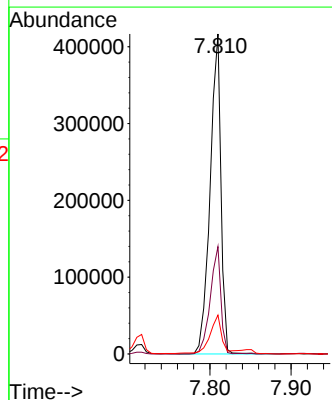
Tgt Ion: 93 Resp: 388037

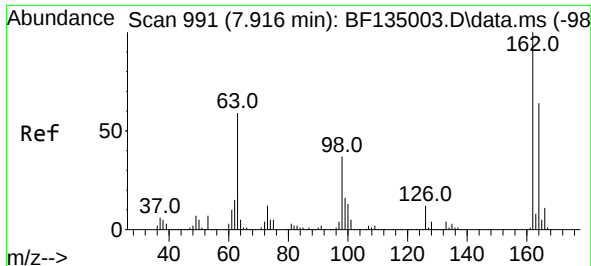
Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.907 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

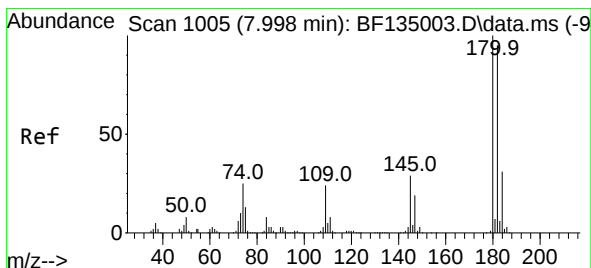
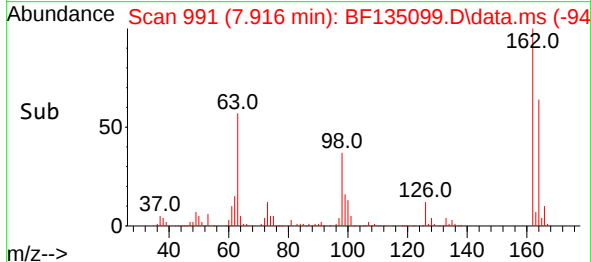
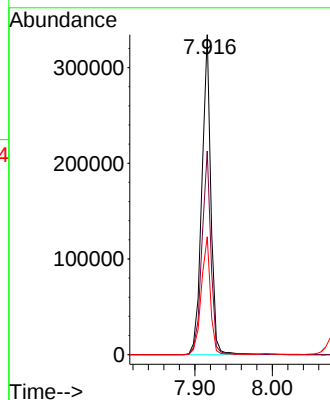
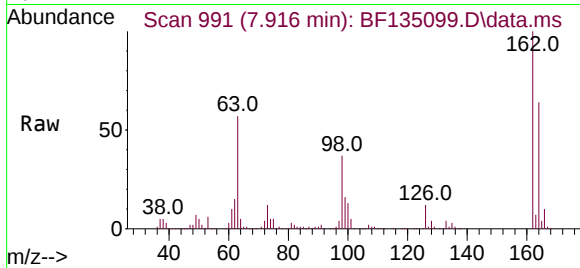
Tgt Ion:162 Resp: 268933

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

98 36.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 49.944 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

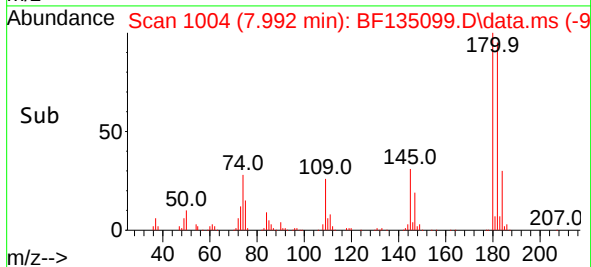
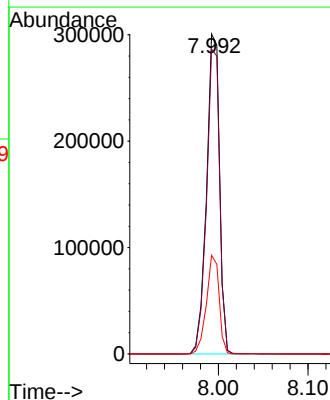
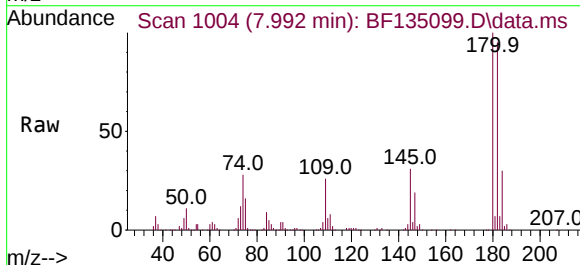
Tgt Ion:180 Resp: 302984

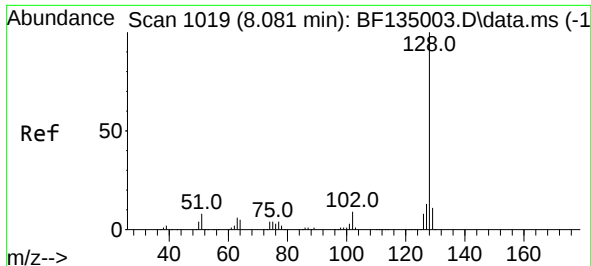
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 30.8 23.5 35.3

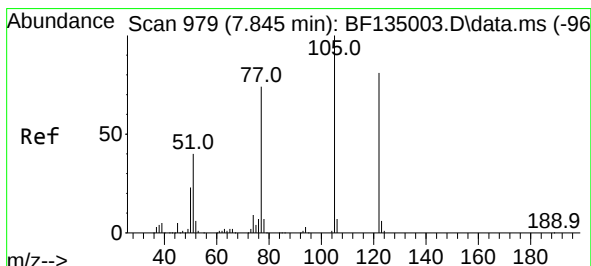
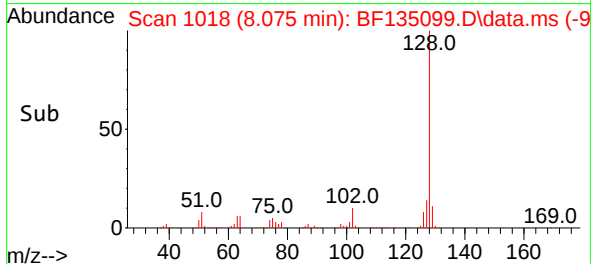
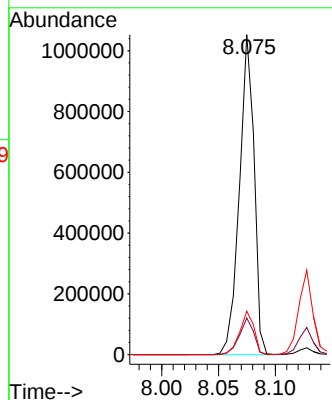
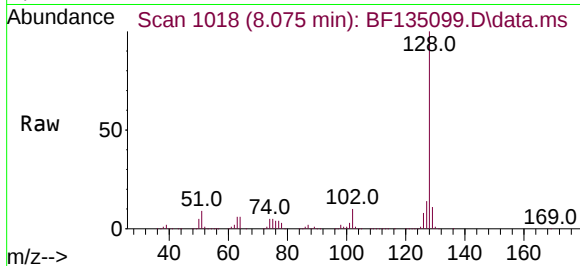




#31
Naphthalene
Concen: 47.814 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

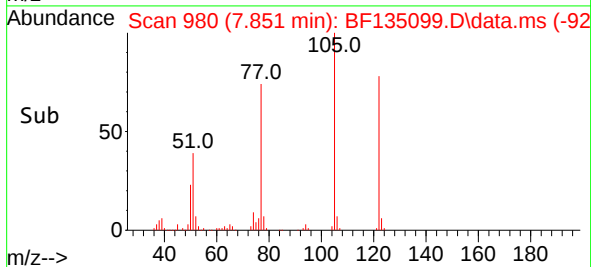
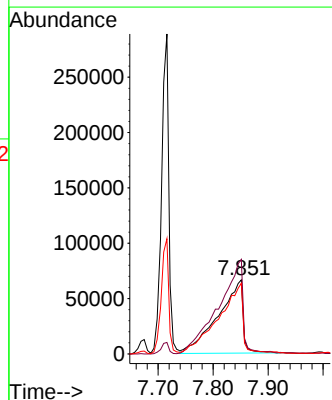
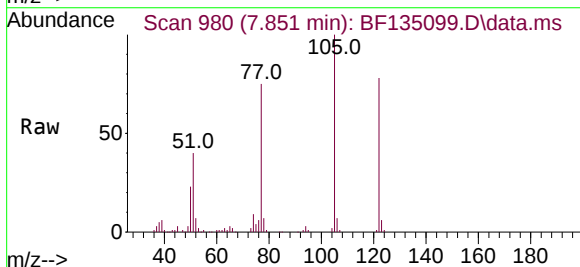
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

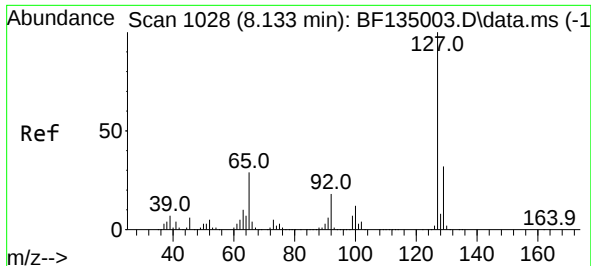
Tgt Ion:128 Resp: 949885
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 44.301 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:122 Resp: 209316
Ion Ratio Lower Upper
122 100
105 127.8 99.8 139.8
77 95.4 69.5 109.5

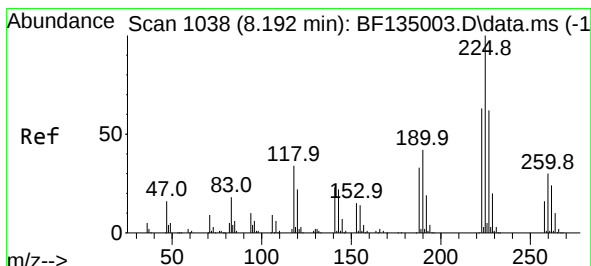
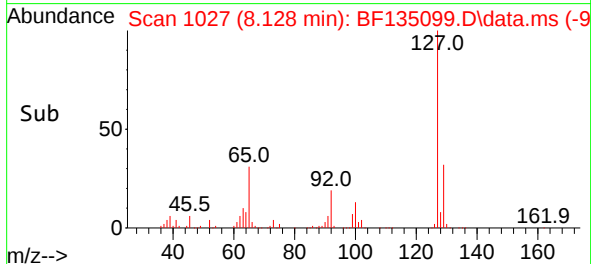
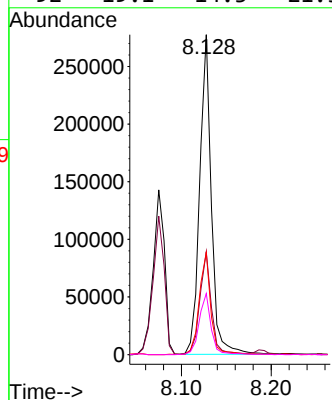
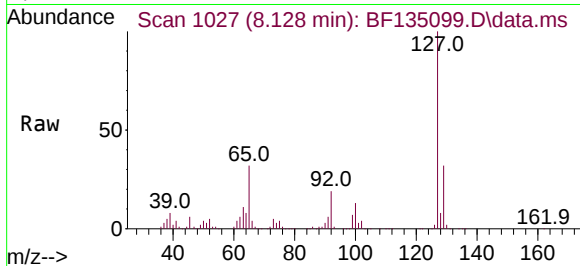




#33
4-Chloroaniline
Concen: 28.860 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

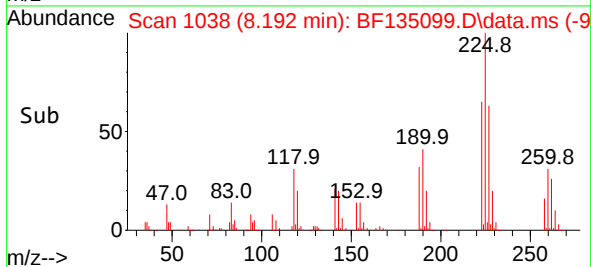
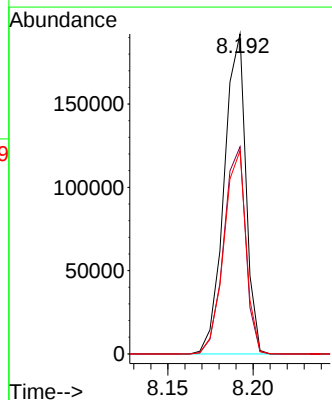
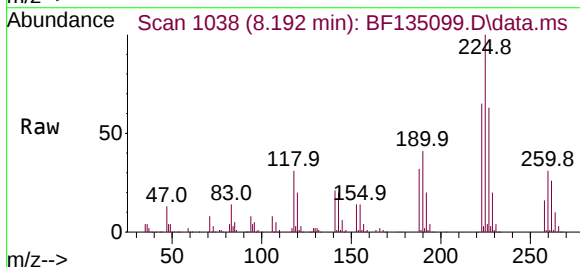
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

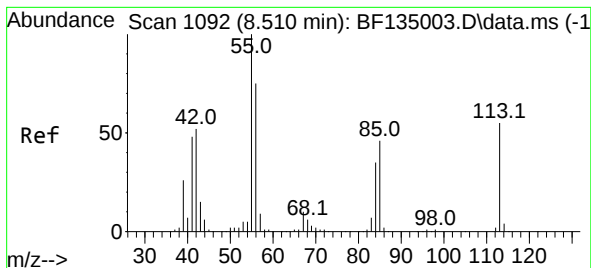
Tgt Ion:	127	Resp:	250776
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	31.9	23.1	34.7
92	19.1	14.3	21.5



#34
Hexachlorobutadiene
Concen: 49.420 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:	225	Resp:	170142
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.7	76.1
227	63.5	49.6	74.4





#35

Caprolactam

Concen: 32.889 ng

RT: 8.504 min Scan# 1092

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

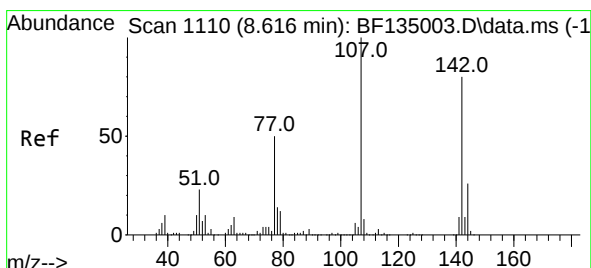
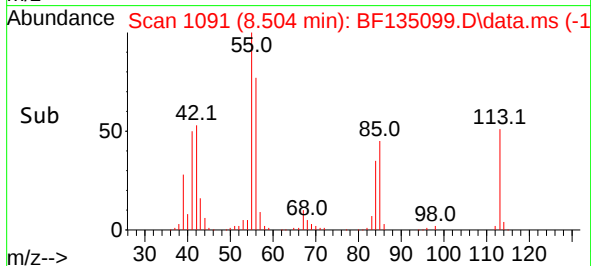
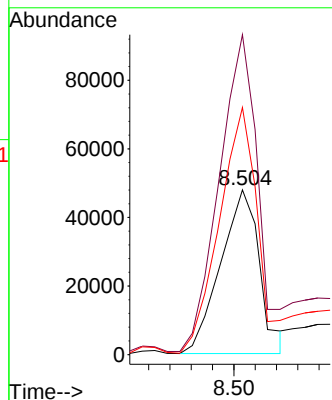
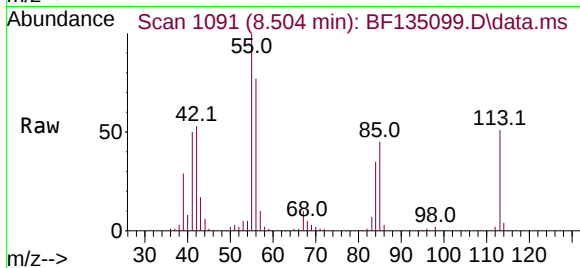
Tgt Ion:113 Resp: 60451

Ion Ratio Lower Upper

113 100

55 194.2 160.6 200.6

56 150.0 115.4 155.4



#36

4-Chloro-3-methylphenol

Concen: 47.816 ng

RT: 8.616 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

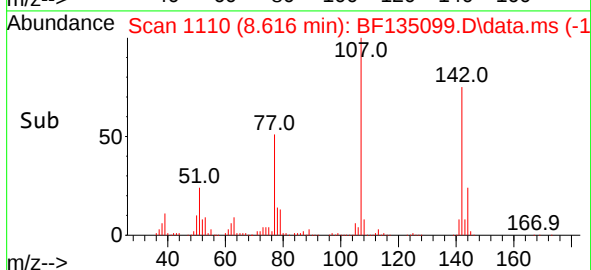
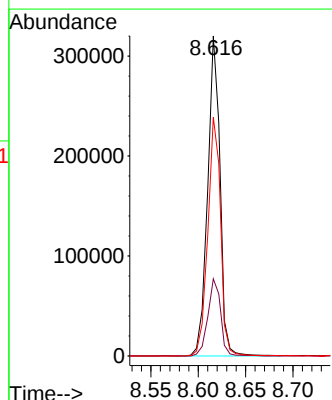
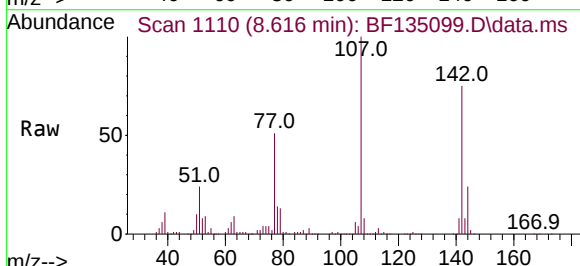
Tgt Ion:107 Resp: 291544

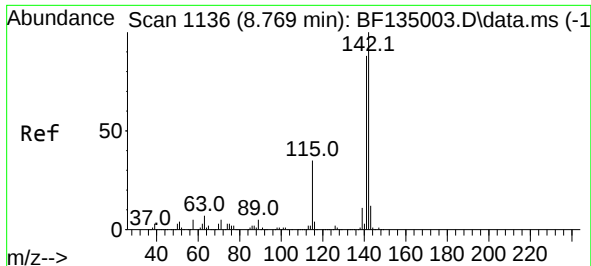
Ion Ratio Lower Upper

107 100

144 24.1 20.6 31.0

142 74.6 64.4 96.6





#37

2-Methylnaphthalene

Concen: 44.728 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

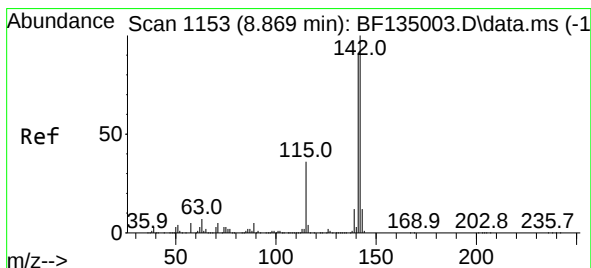
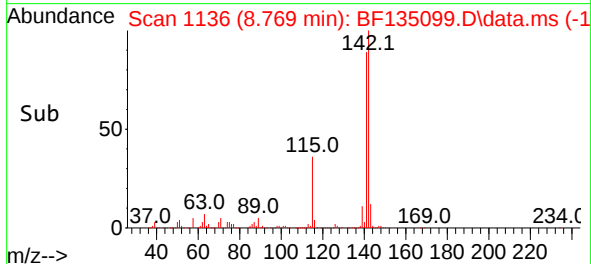
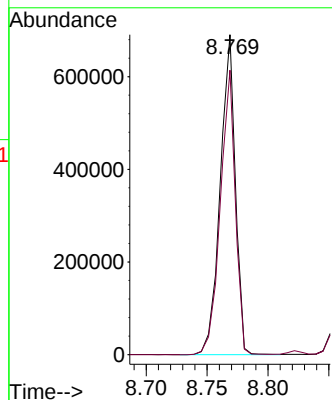
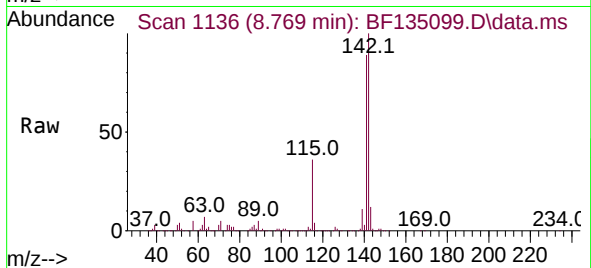
SB-8(12-12.5)MSD

Tgt Ion:142 Resp: 592885

Ion Ratio Lower Upper

142 100

141 88.9 70.7 106.1



#38

1-Methylnaphthalene

Concen: 45.698 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF135099.D

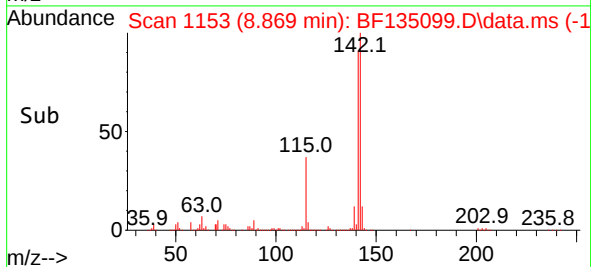
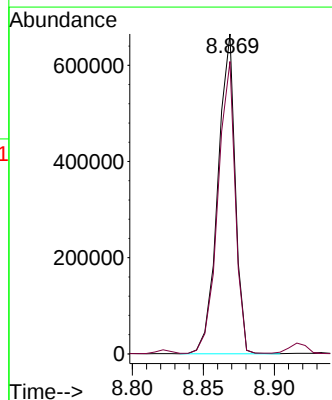
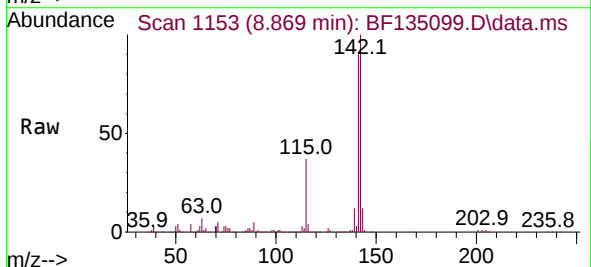
Acq: 05 Sep 2023 17:13

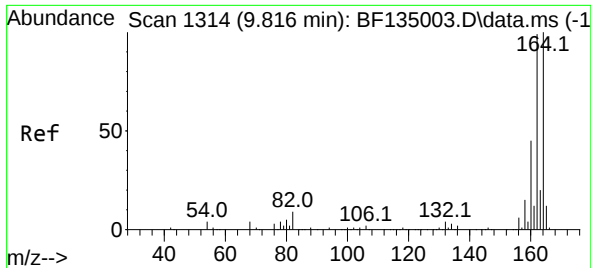
Tgt Ion:142 Resp: 566780

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

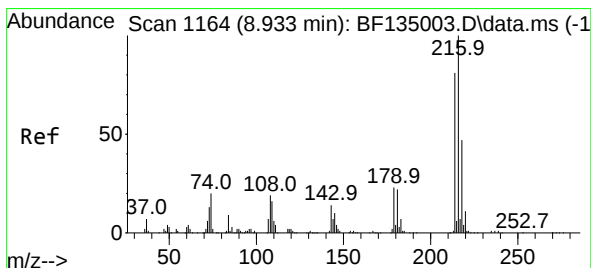
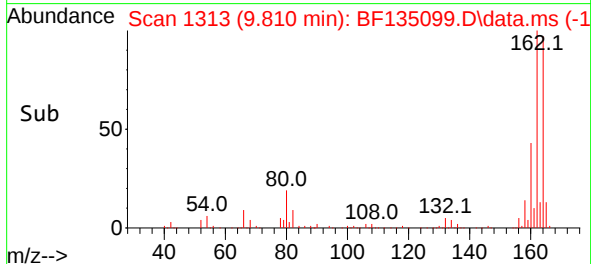
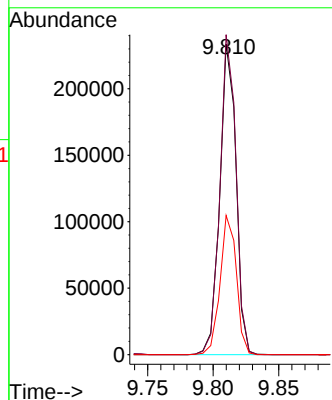
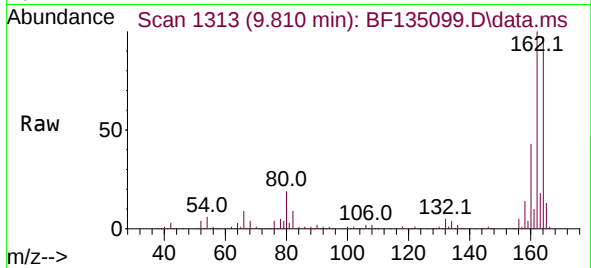




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

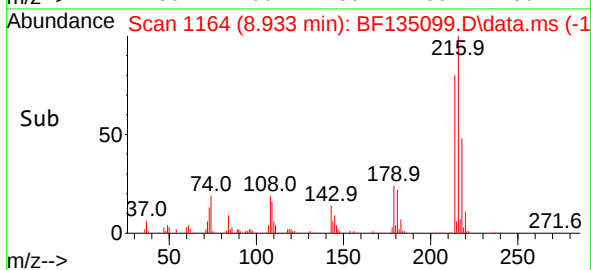
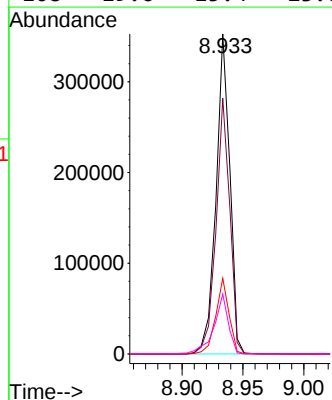
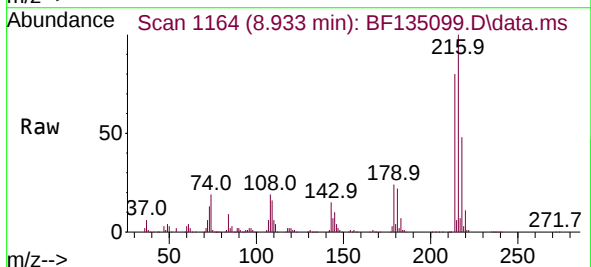
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

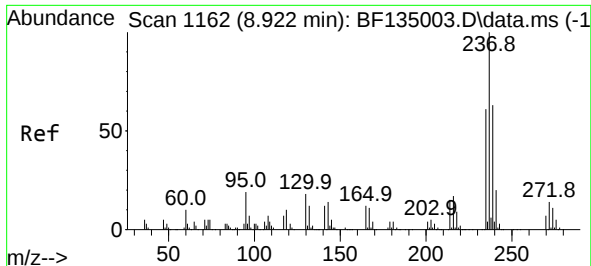
Tgt Ion:164 Resp: 202019
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.205 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:216 Resp: 278268
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 22.7 17.7 26.5
108 19.6 15.4 23.0

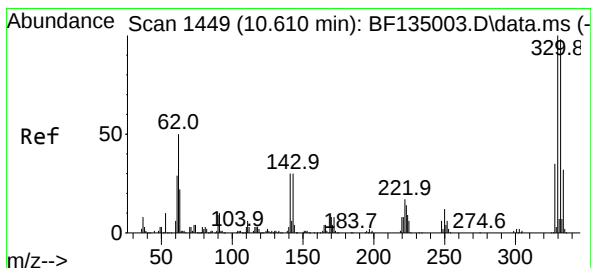
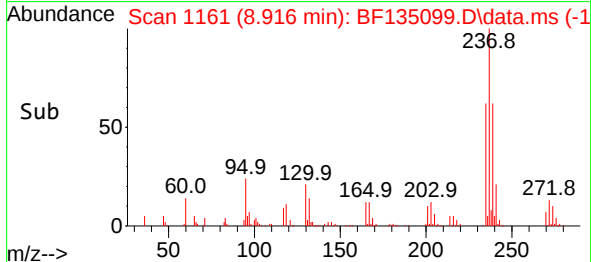
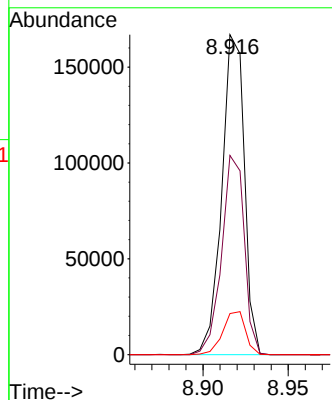
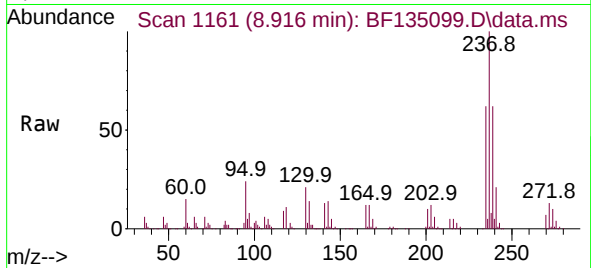




#41
Hexachlorocyclopentadiene
Concen: 63.822 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

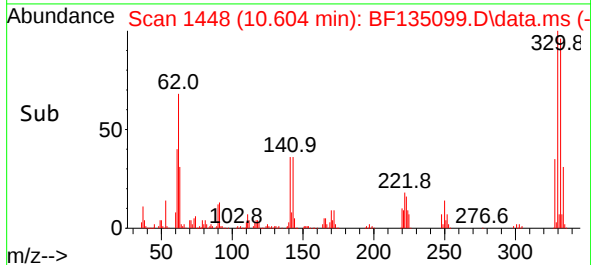
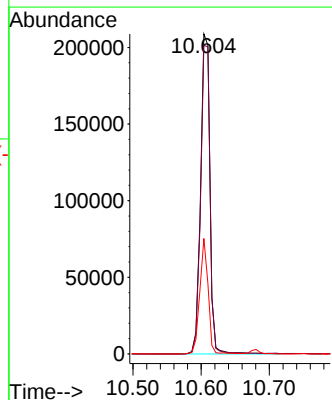
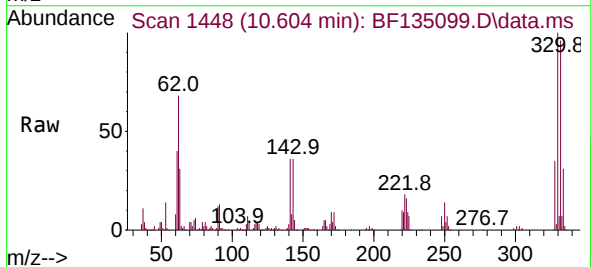
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

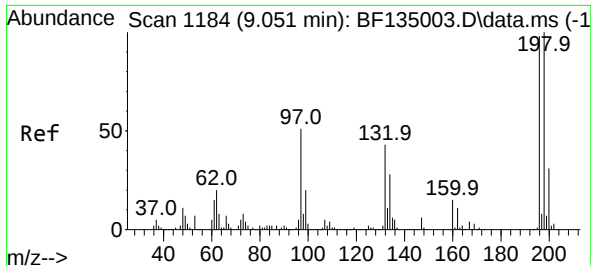
Tgt Ion:237 Resp: 153620
Ion Ratio Lower Upper
237 100
235 62.2 40.9 80.9
272 12.8 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 92.666 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:330 Resp: 198582
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 47.994 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

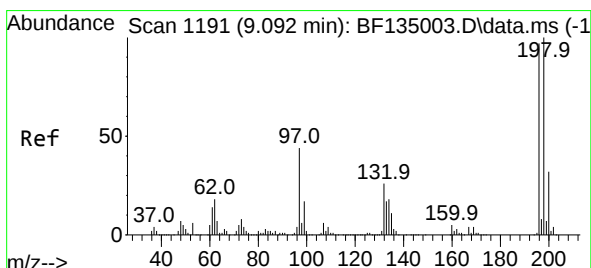
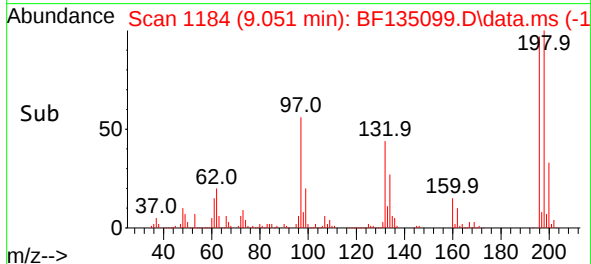
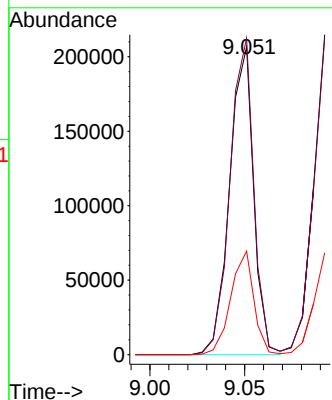
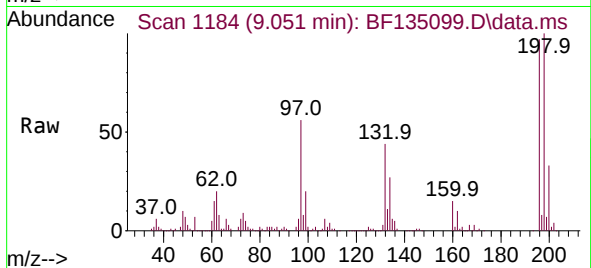
Tgt Ion:196 Resp: 182279

Ion Ratio Lower Upper

196 100

198 102.9 81.8 122.6

200 33.7 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 44.921 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Tgt Ion:196 Resp: 197521

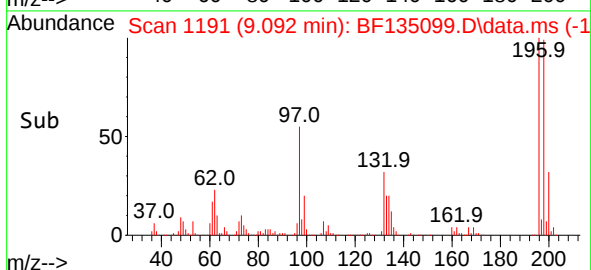
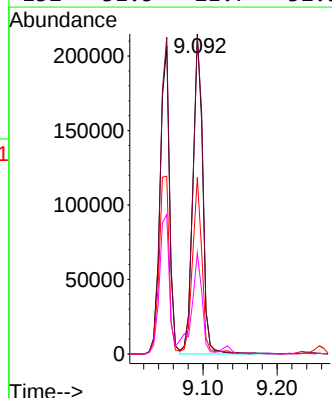
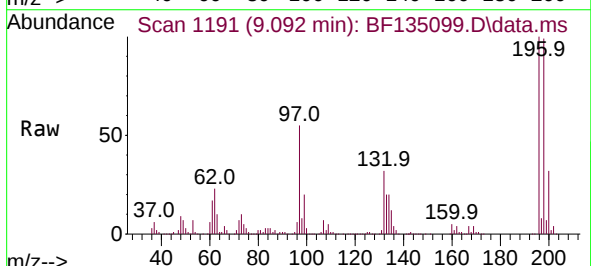
Ion Ratio Lower Upper

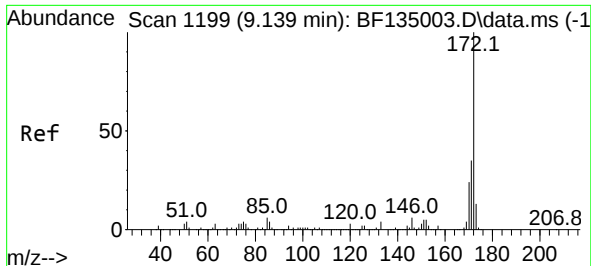
196 100

198 98.9 82.8 124.2

97 55.1 36.5 54.7#

132 31.5 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 68.686 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

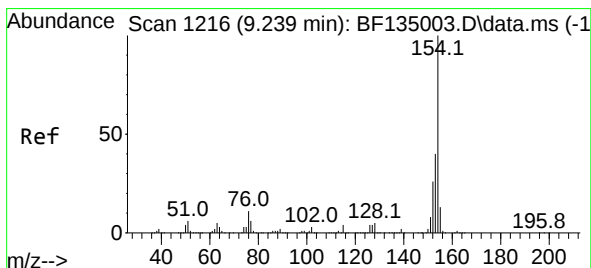
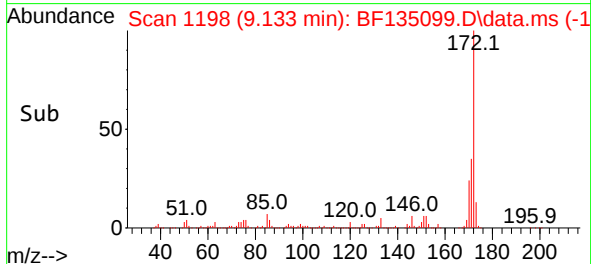
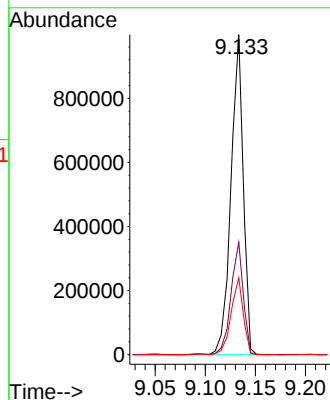
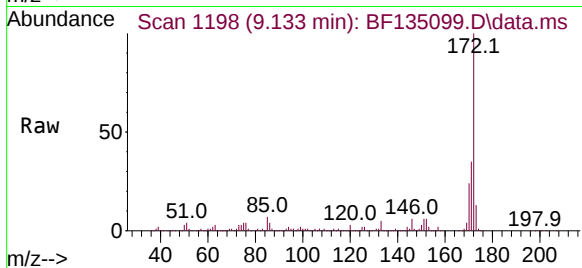
Tgt Ion:172 Resp: 852269

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.391 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

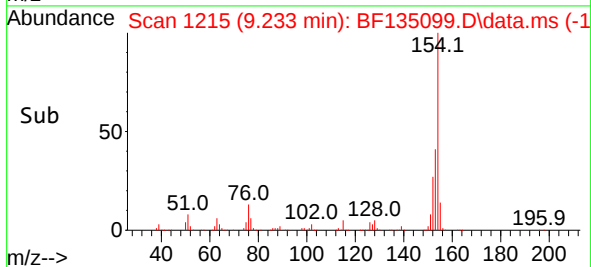
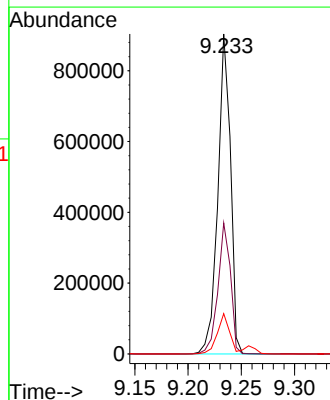
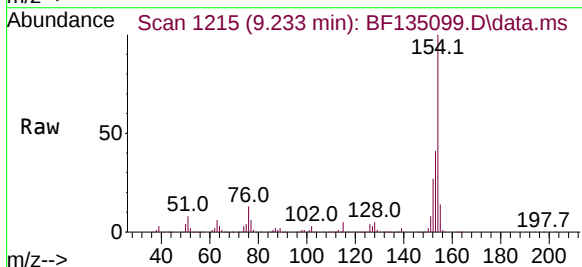
Tgt Ion:154 Resp: 746898

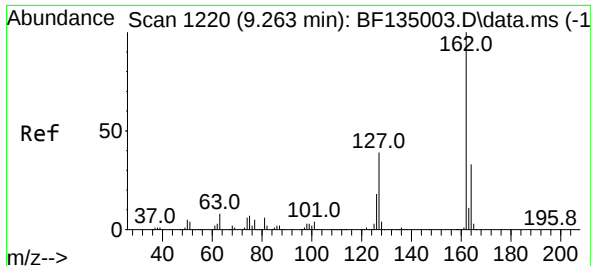
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 12.6 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.997 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

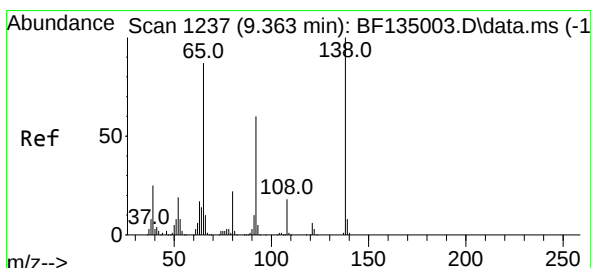
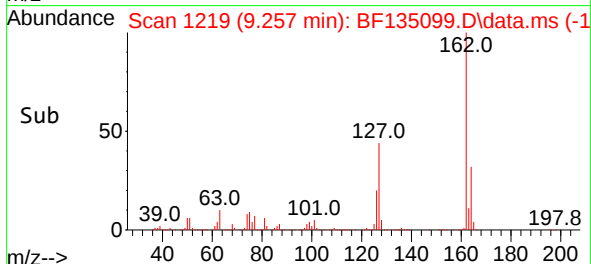
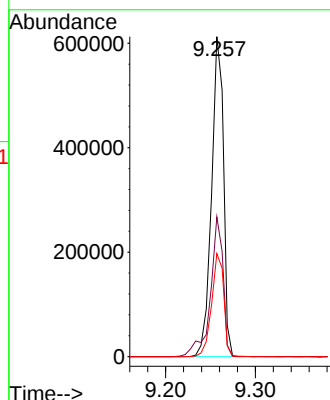
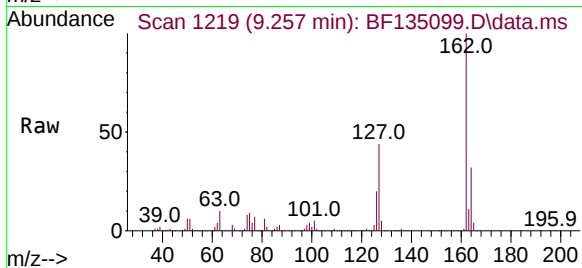
Tgt Ion:162 Resp: 568698

Ion Ratio Lower Upper

162 100

127 43.7 31.8 47.6

164 32.2 26.6 39.8



#48

2-Nitroaniline

Concen: 48.292 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

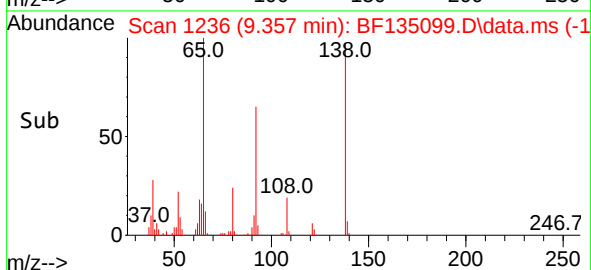
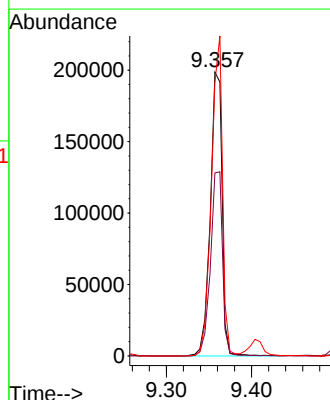
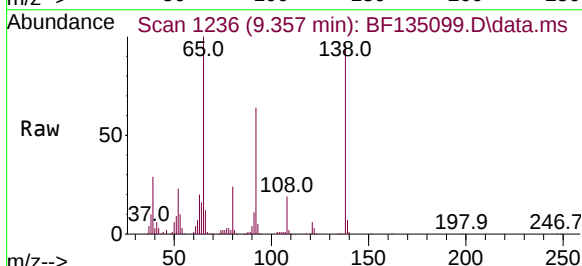
Tgt Ion: 65 Resp: 191875

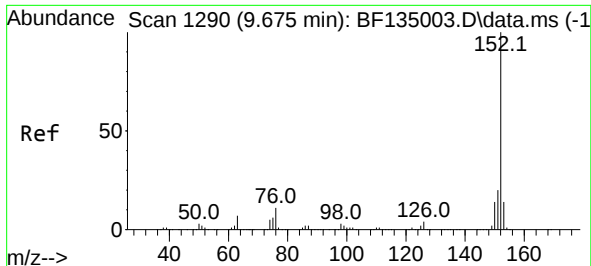
Ion Ratio Lower Upper

65 100

92 64.5 54.9 82.3

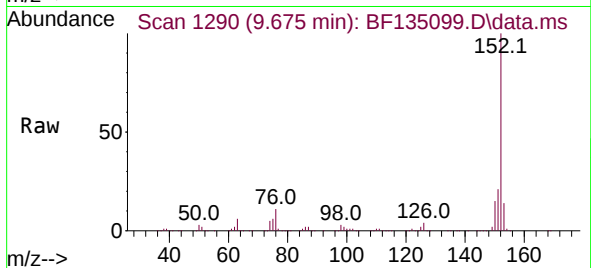
138 96.4 91.6 137.4



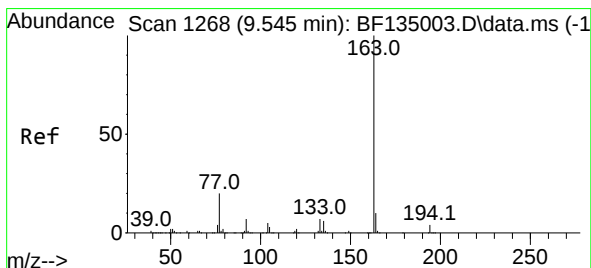
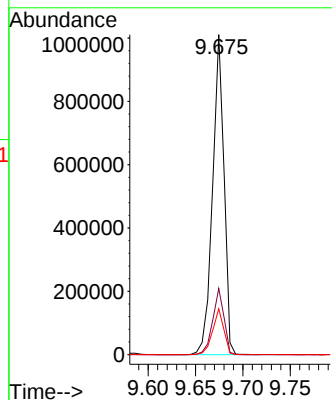
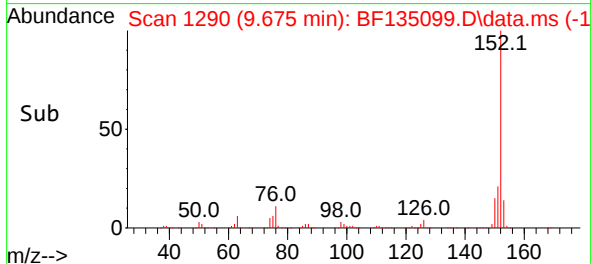


#49
Acenaphthylene
Concen: 48.431 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

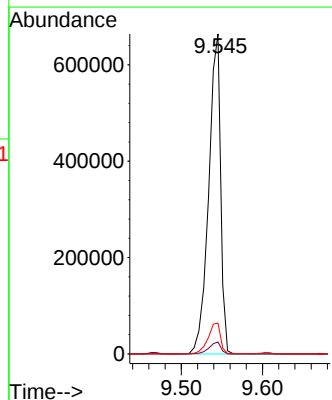
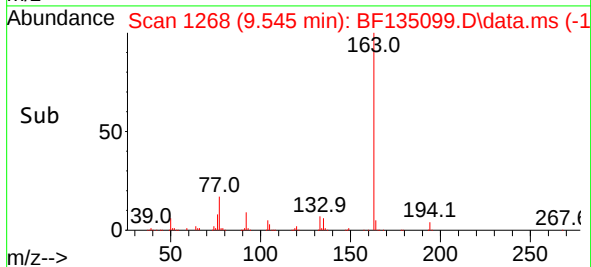
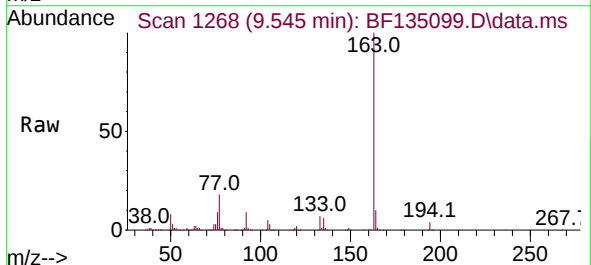


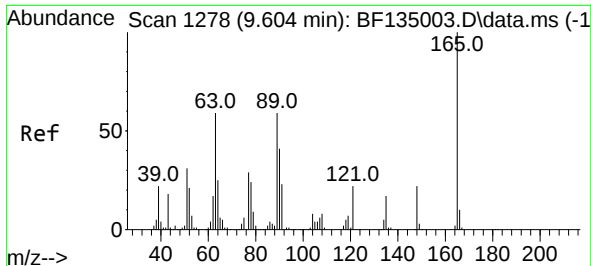
Tgt Ion:152 Resp: 849755
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.3 11.4 17.0



#50
Dimethylphthalate
Concen: 48.158 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:163 Resp: 681225
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 8.1 12.1

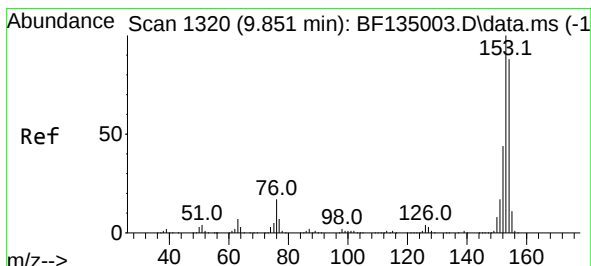
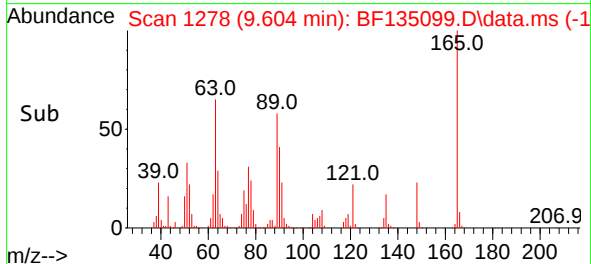
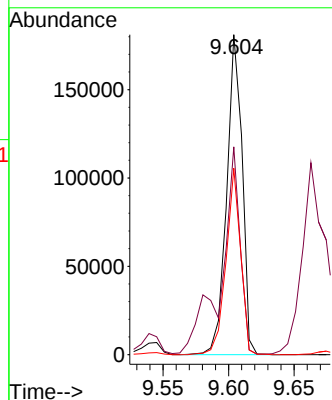
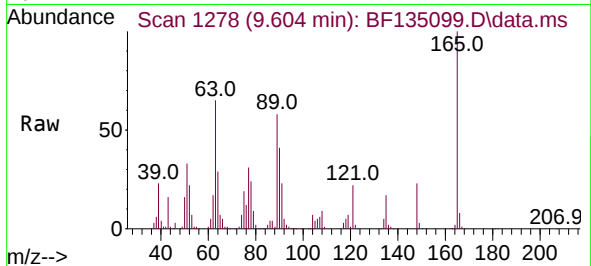




#51
2,6-Dinitrotoluene
Concen: 47.985 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

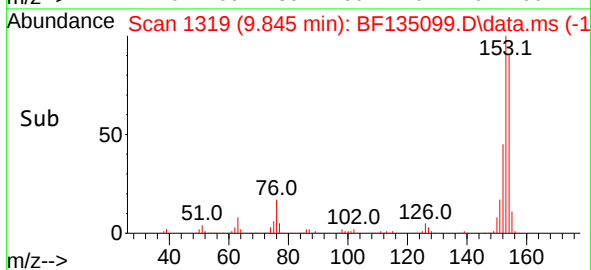
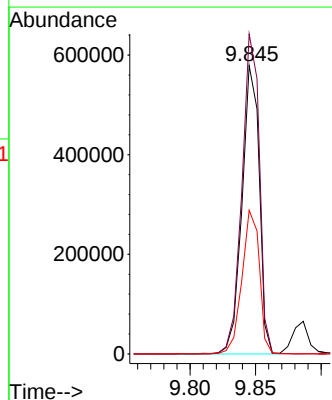
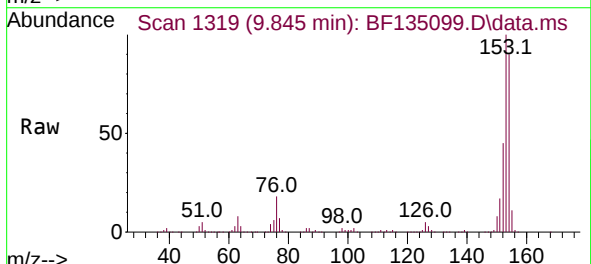
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

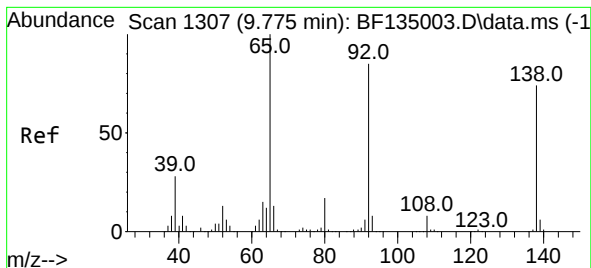
Tgt Ion:165 Resp: 148941
Ion Ratio Lower Upper
165 100
63 64.9 50.4 75.6
89 58.2 47.1 70.7



#52
Acenaphthene
Concen: 47.184 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:154 Resp: 527573
Ion Ratio Lower Upper
154 100
153 110.9 90.8 136.2
152 49.8 40.2 60.4





#53

3-Nitroaniline

Concen: 35.606 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

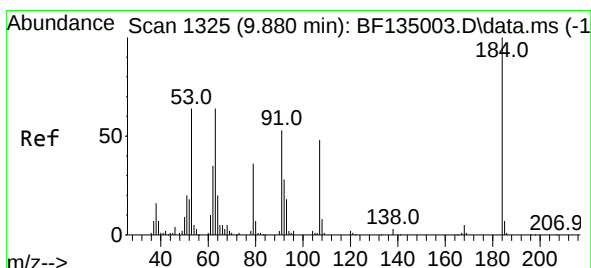
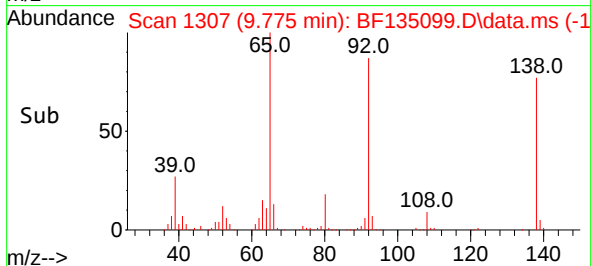
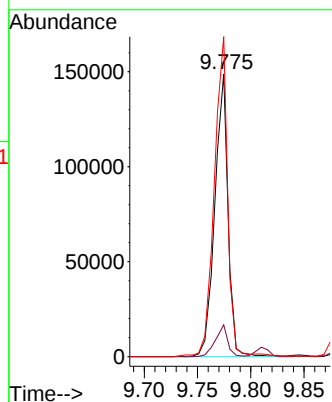
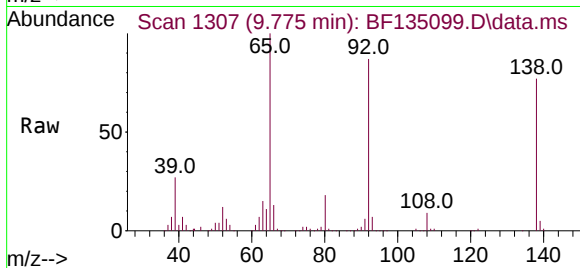
Tgt Ion:138 Resp: 128738

Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

92 113.2 92.2 138.4



#54

2,4-Dinitrophenol

Concen: 58.439 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

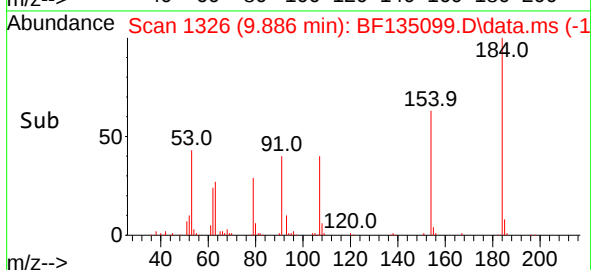
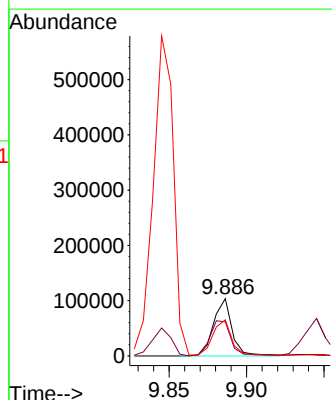
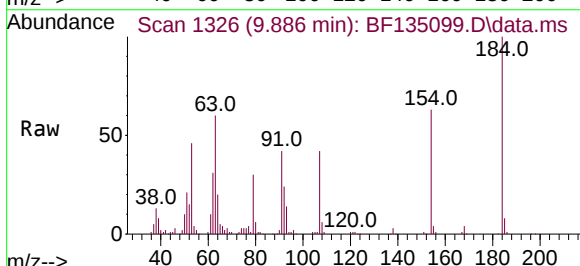
Tgt Ion:184 Resp: 86691

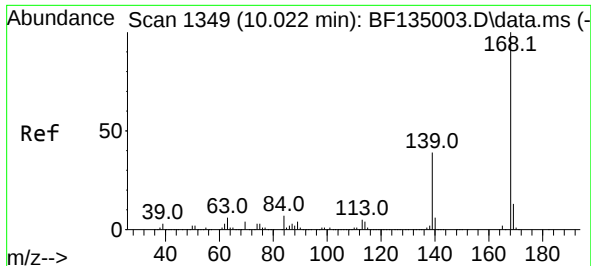
Ion Ratio Lower Upper

184 100

63 59.6 62.2 93.2#

154 63.1 52.3 78.5





#55

Dibenzofuran

Concen: 46.173 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

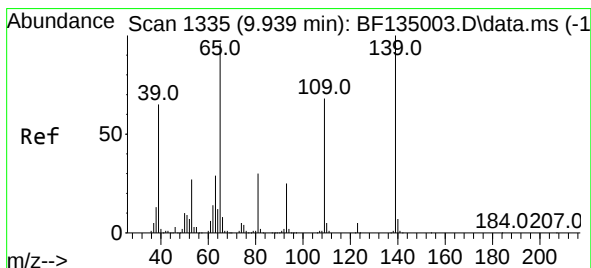
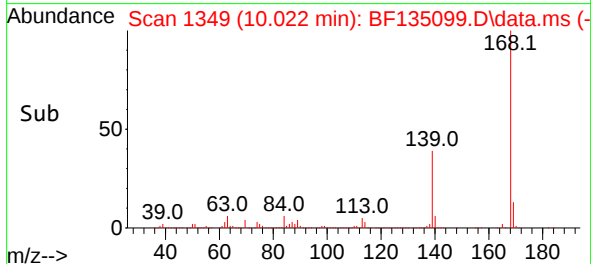
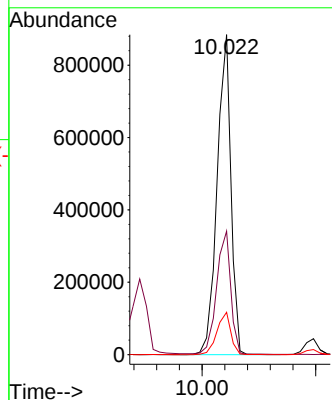
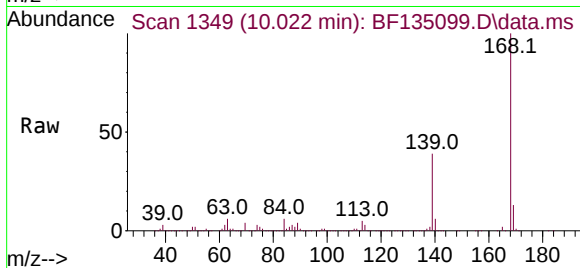
Tgt Ion:168 Resp: 744735

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 79.513 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

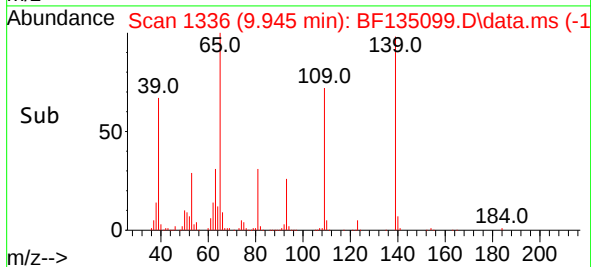
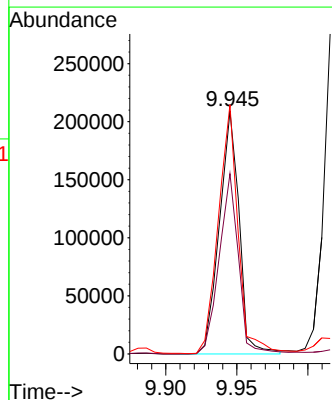
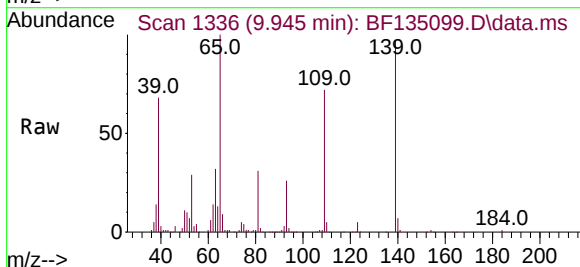
Tgt Ion:139 Resp: 202090

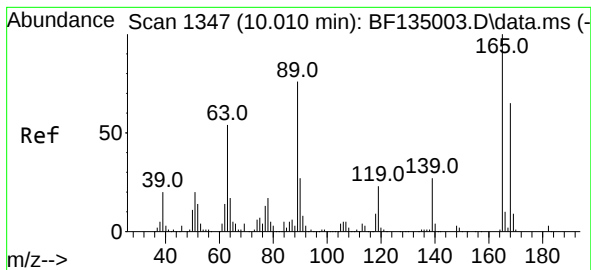
Ion Ratio Lower Upper

139 100

109 74.2 47.7 87.7

65 102.6 75.9 115.9

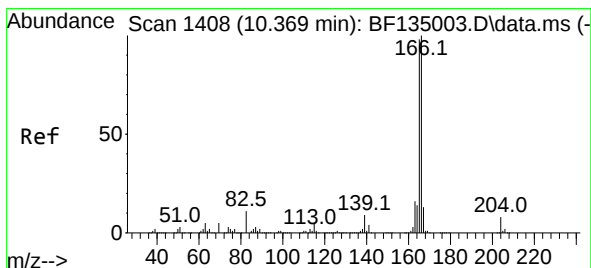
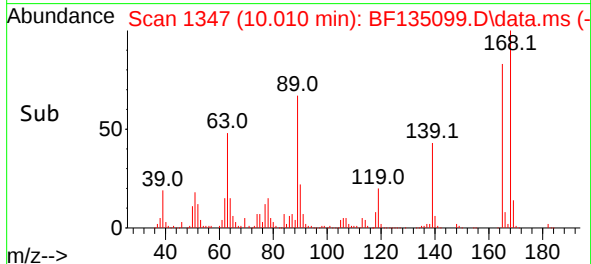
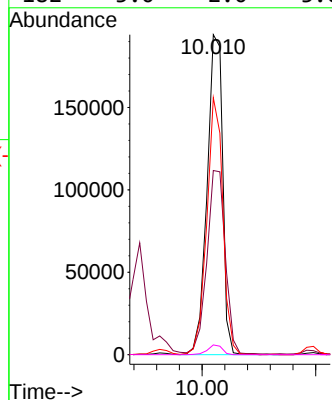
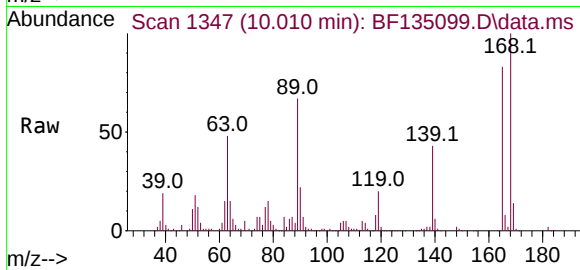




#57
2,4-Dinitrotoluene
Concen: 47.854 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

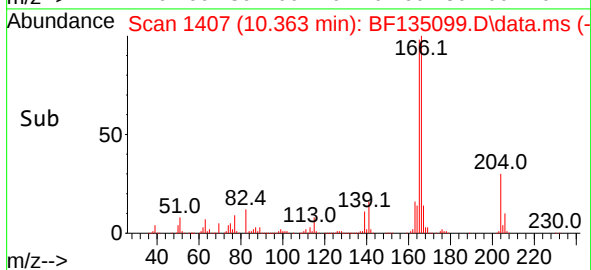
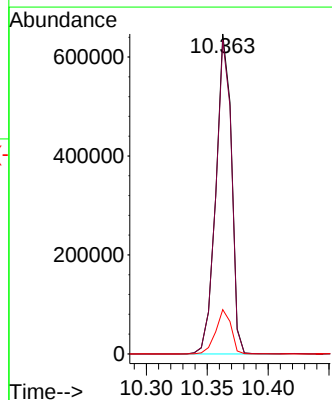
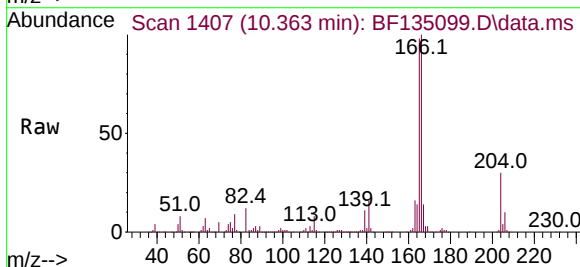
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

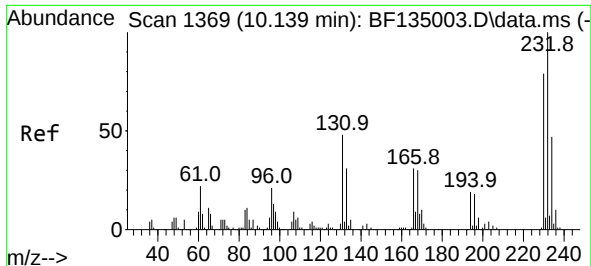
Tgt Ion:165 Resp: 185106
Ion Ratio Lower Upper
165 100
63 57.5 43.2 64.8
89 80.3 60.8 91.2
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 46.740 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:166 Resp: 574741
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.8 10.8 16.2

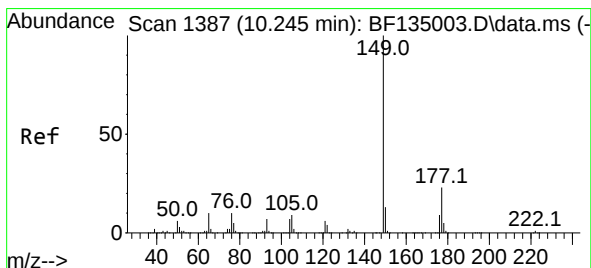
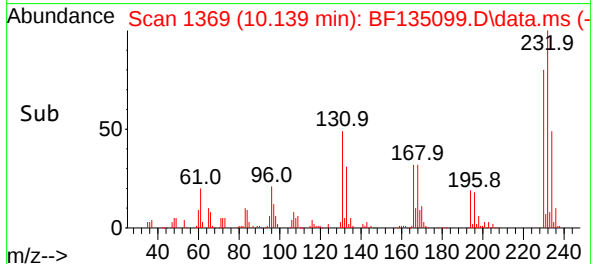
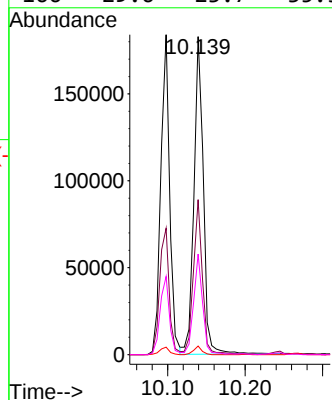
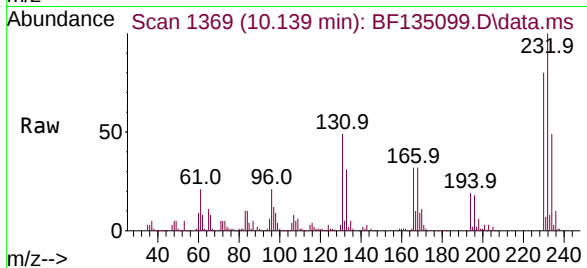




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.508 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

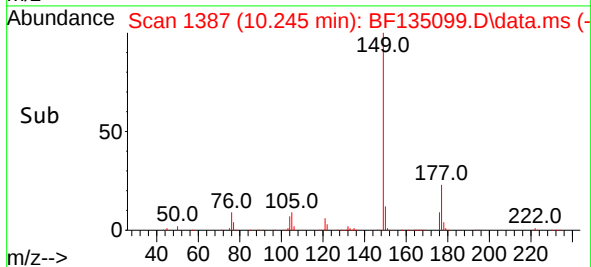
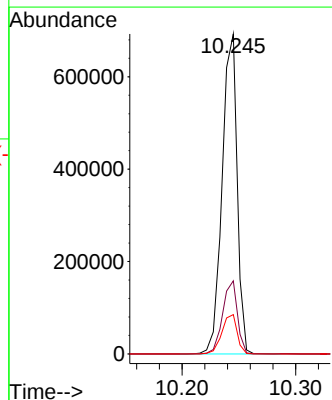
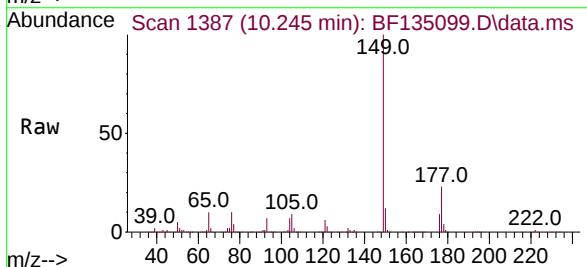
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

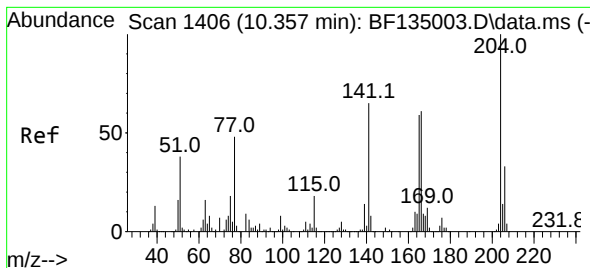
Tgt Ion:232 Resp: 154085
Ion Ratio Lower Upper
232 100
131 46.3 35.3 52.9
130 2.3 1.7 2.5
166 29.6 23.7 35.5



#60
Diethylphthalate
Concen: 47.615 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:149 Resp: 634036
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.3 10.1 15.1

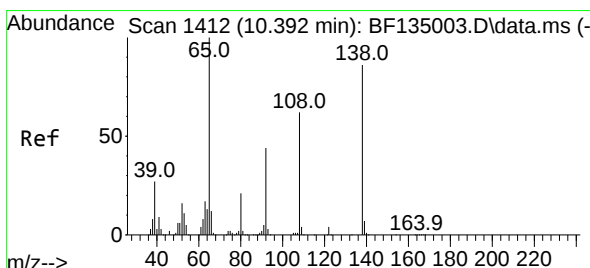
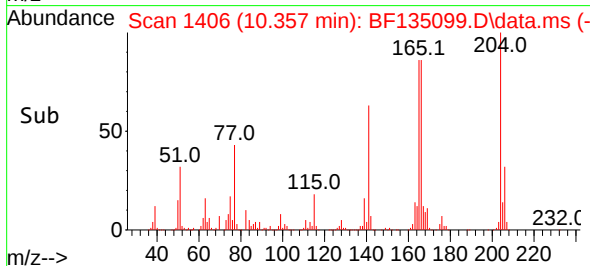
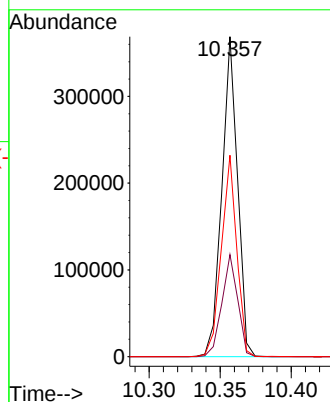
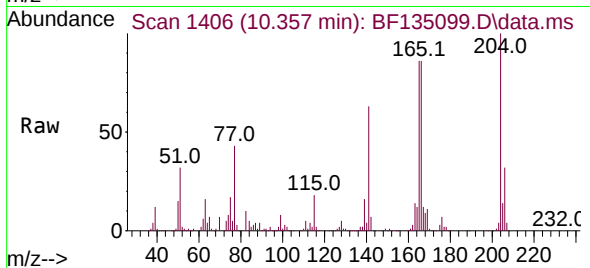




#61
4-Chlorophenyl-phenylether
Concen: 46.602 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

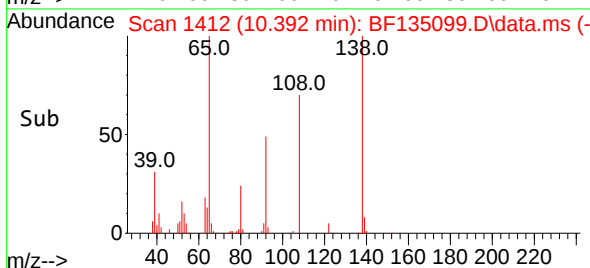
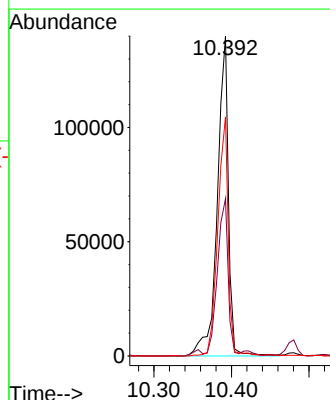
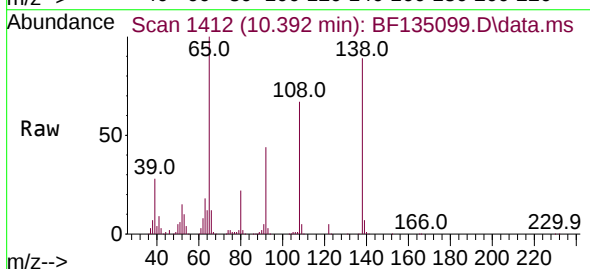
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

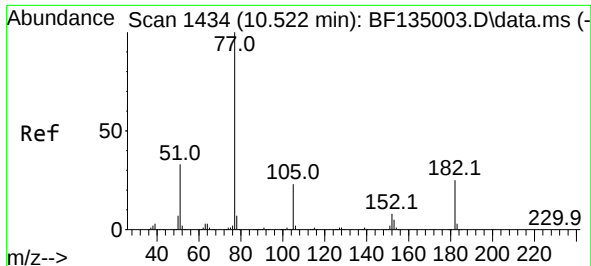
Tgt Ion:204 Resp: 283445
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 62.9 51.8 77.6



#62
4-Nitroaniline
Concen: 39.339 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:138 Resp: 139174
Ion Ratio Lower Upper
138 100
92 49.1 30.7 70.7
108 74.7 51.7 91.7

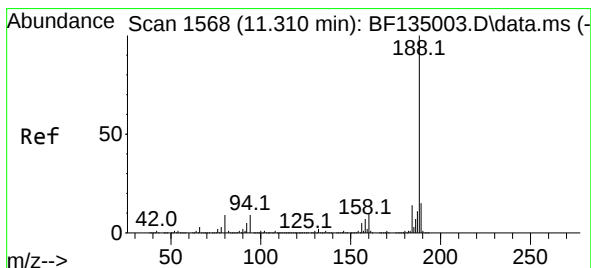
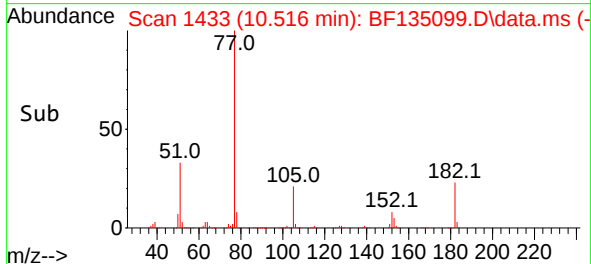
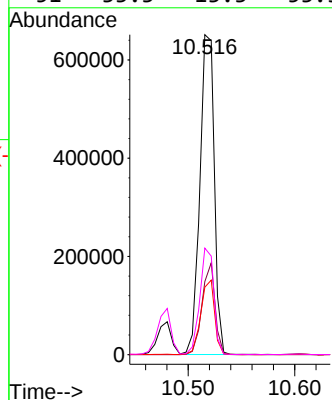
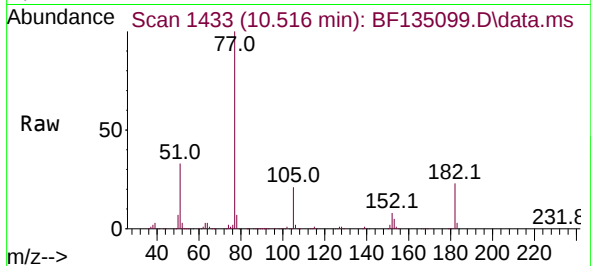




#63
Azobenzene
Concen: 45.471 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

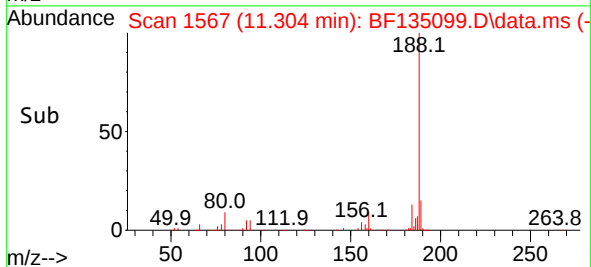
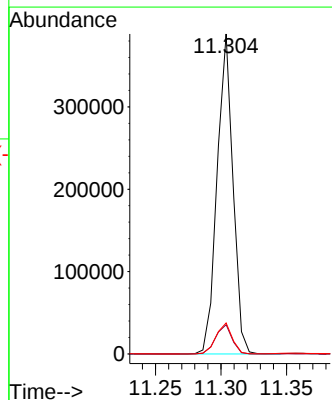
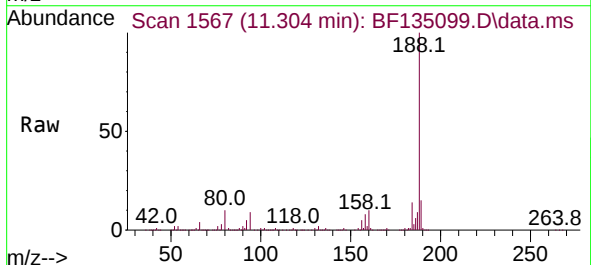
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

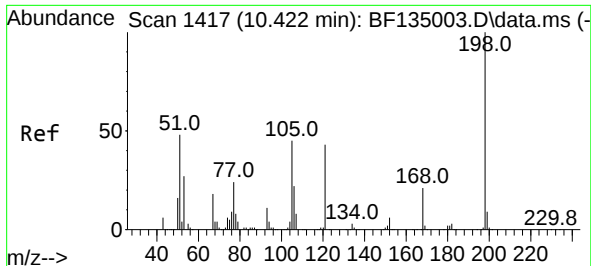
Tgt Ion: 77	Resp: 609663
Ion Ratio	Lower Upper
77 100	
182 22.8	4.9 44.9
105 21.1	2.7 42.7
51 33.3	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:188	Resp: 327890		
Ion Ratio	Lower	Upper	
188 100			
94 9.1	7.0	10.4	
80 9.7	7.4	11.2	

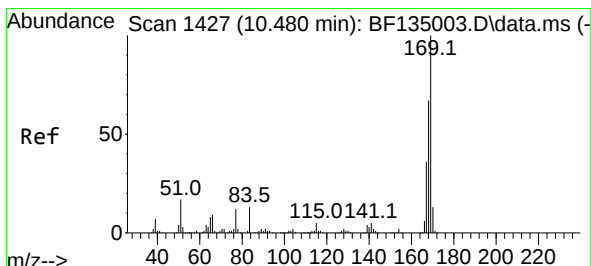
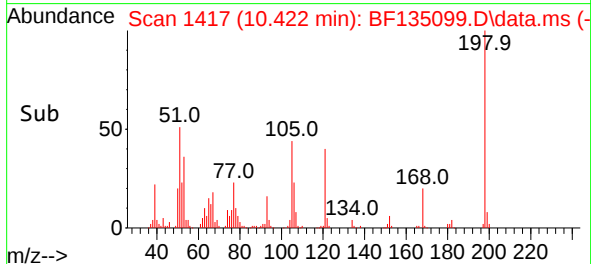
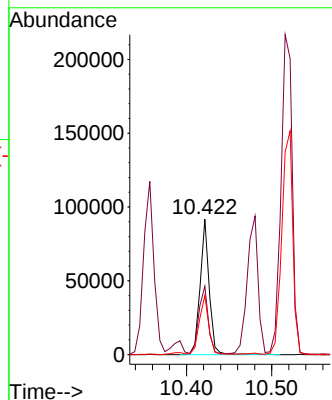
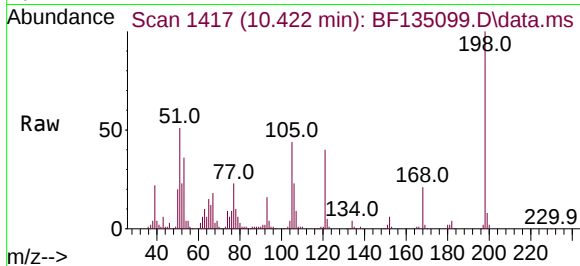




#65
4,6-Dinitro-2-methylphenol
Concen: 34.159 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

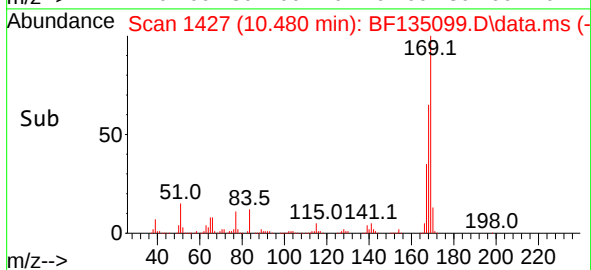
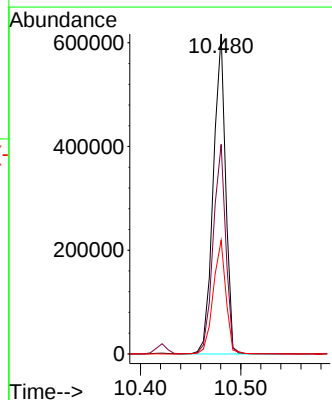
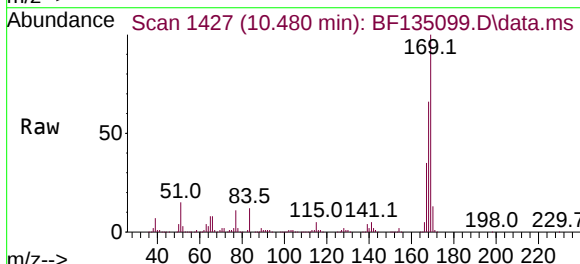
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

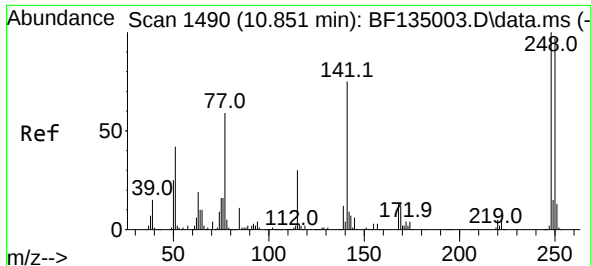
Tgt Ion:198 Resp: 67788
Ion Ratio Lower Upper
198 100
51 50.5 35.7 75.7
105 43.5 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 51.449 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:169 Resp: 524531
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.5 29.0 43.4

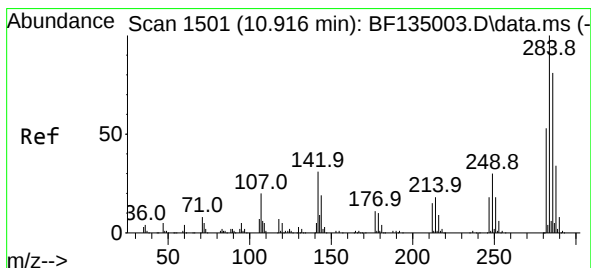
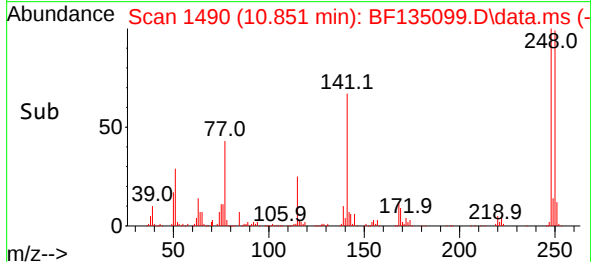
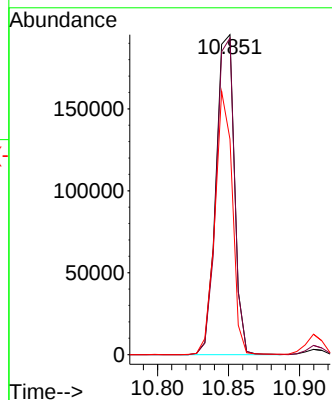
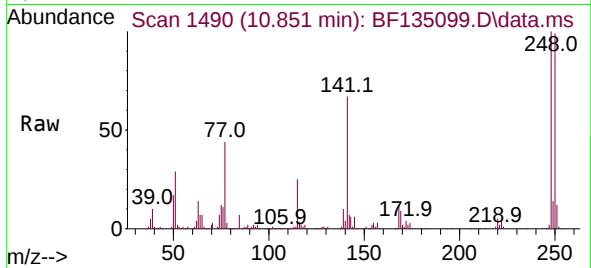




#67
4-Bromophenyl-phenylether
Concen: 50.653 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

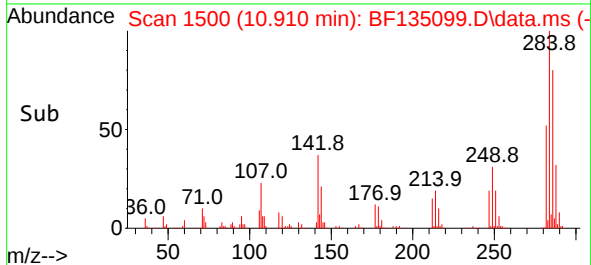
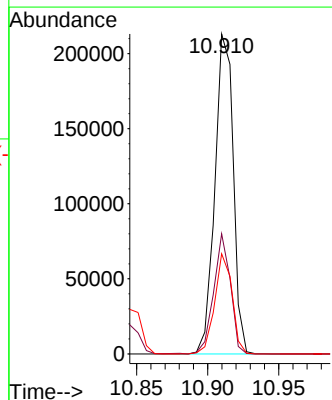
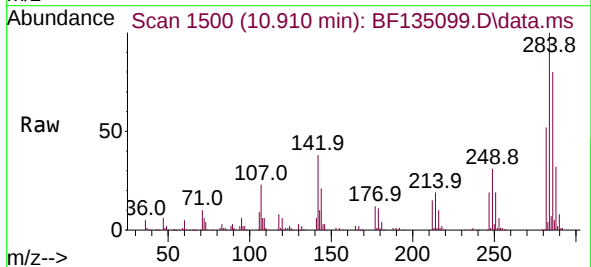
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

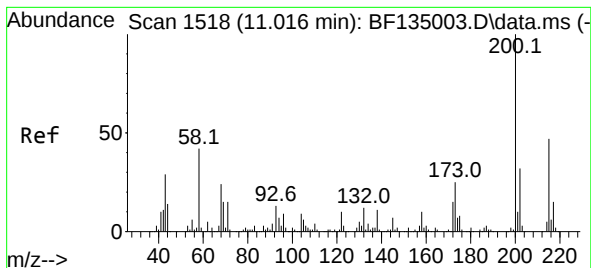
Tgt Ion:248 Resp: 176161
Ion Ratio Lower Upper
248 100
250 99.0 77.9 116.9
141 67.3 59.8 89.8



#68
Hexachlorobenzene
Concen: 53.212 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:284 Resp: 191356
Ion Ratio Lower Upper
284 100
142 37.5 25.1 37.7
249 31.3 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

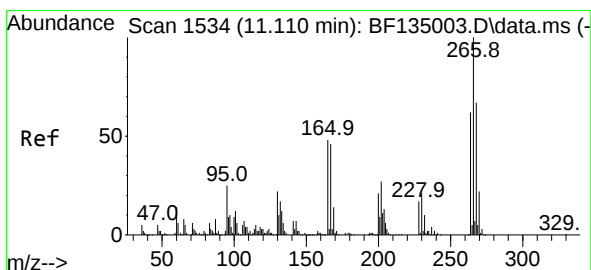
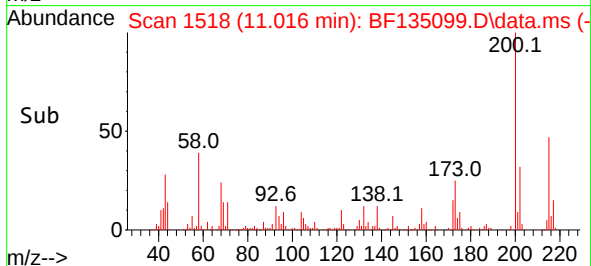
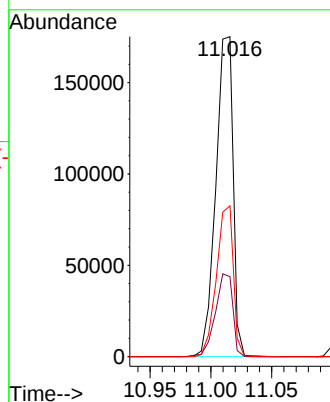
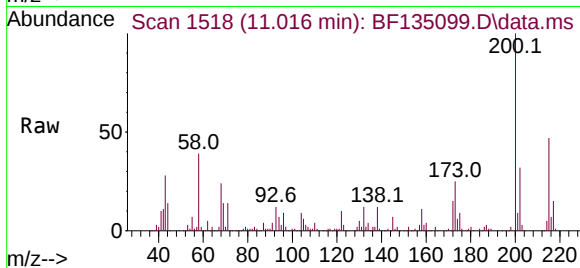
Tgt Ion:200 Resp: 173041

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 47.1 26.9 66.9



#70

Pentachlorophenol

Concen: 69.068 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

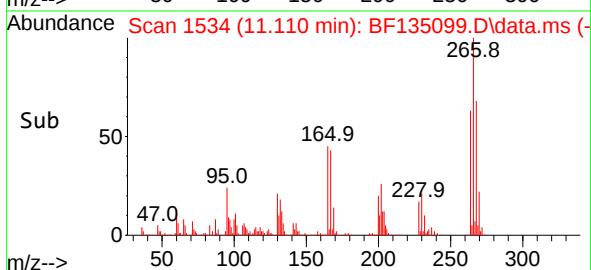
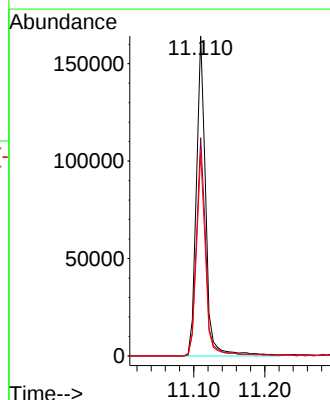
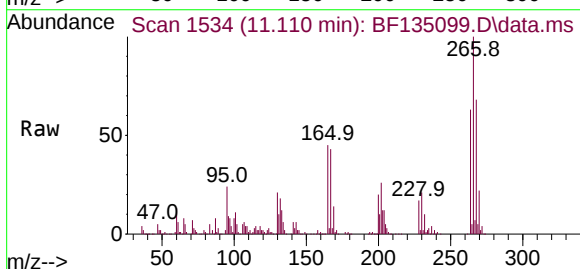
Tgt Ion:266 Resp: 150264

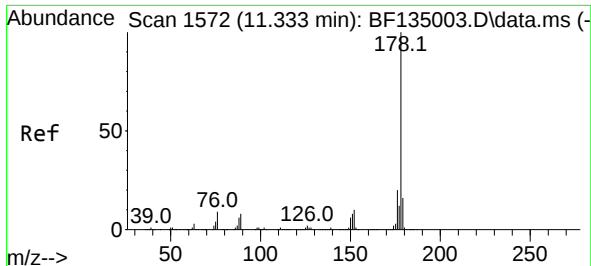
Ion Ratio Lower Upper

266 100

268 68.2 53.3 79.9

264 63.5 49.3 73.9

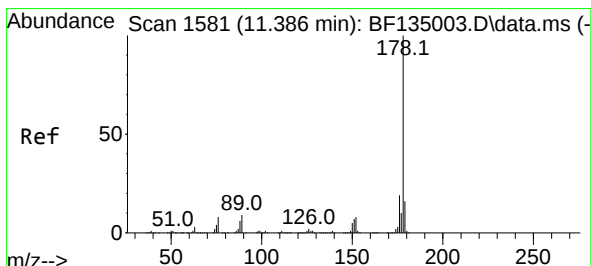
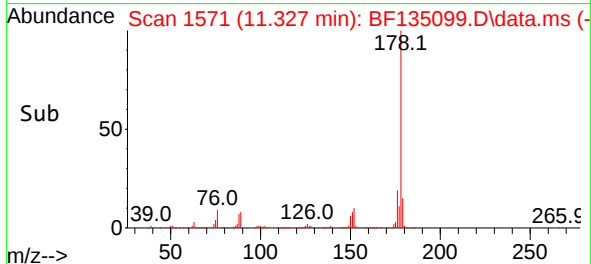
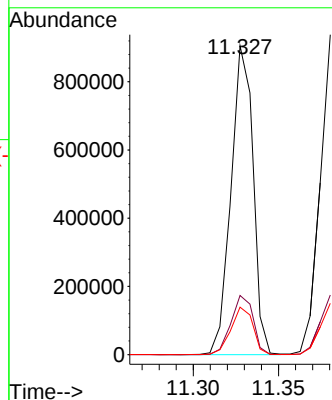
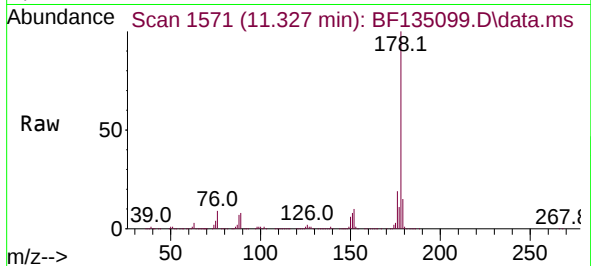




#71
Phenanthrene
Concen: 48.283 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

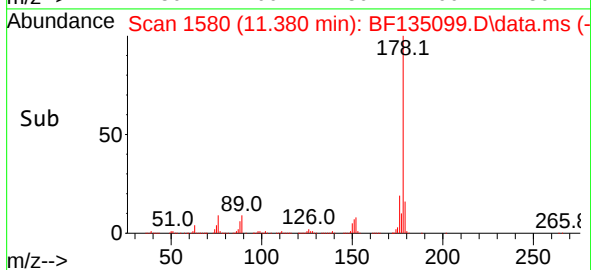
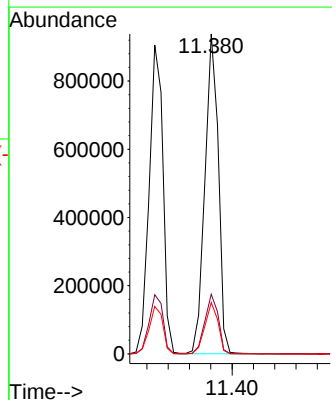
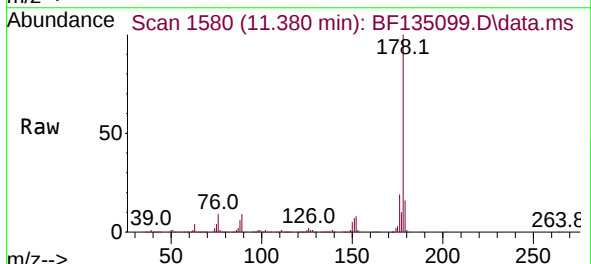
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

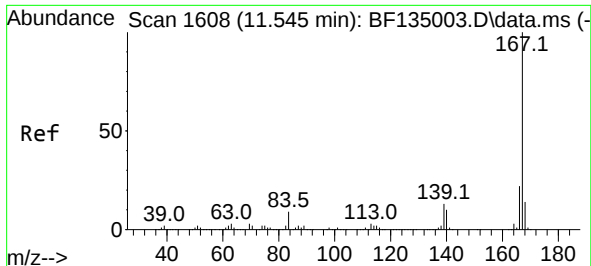
Tgt Ion:178 Resp: 816755
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.3 12.5 18.7



#72
Anthracene
Concen: 47.385 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:178 Resp: 818967
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.0 12.8 19.2

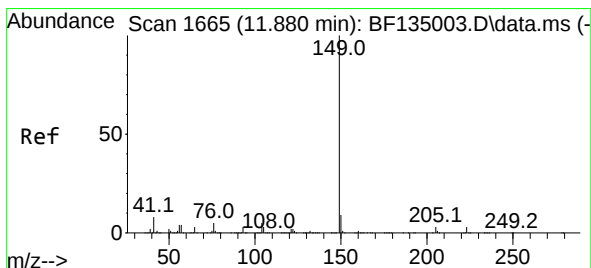
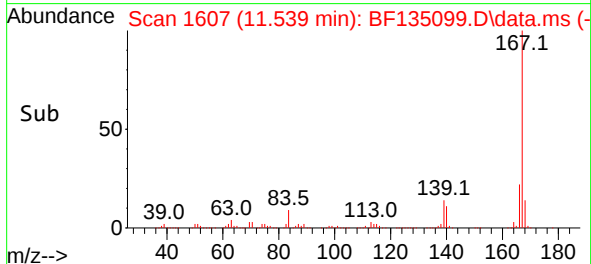
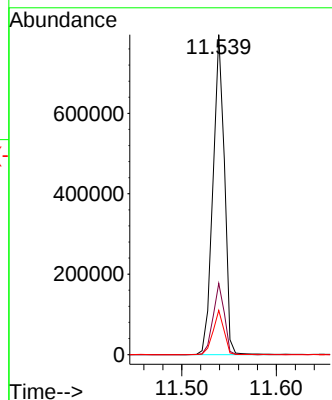
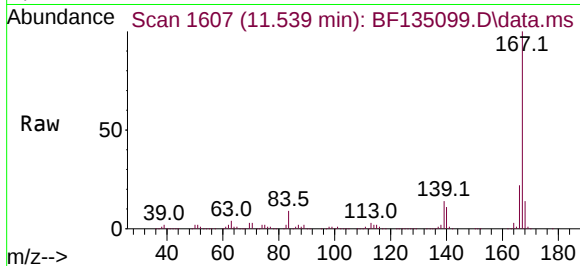




#73
 Carbazole
 Concen: 44.958 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

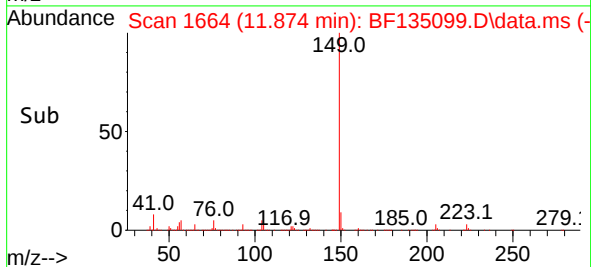
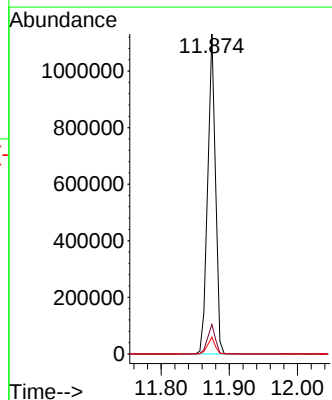
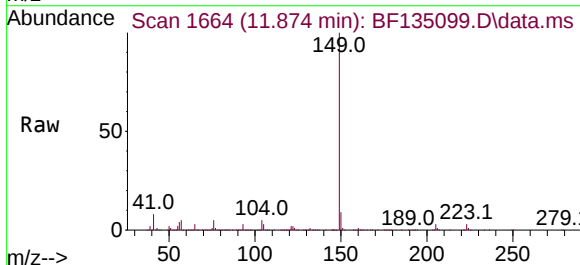
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD

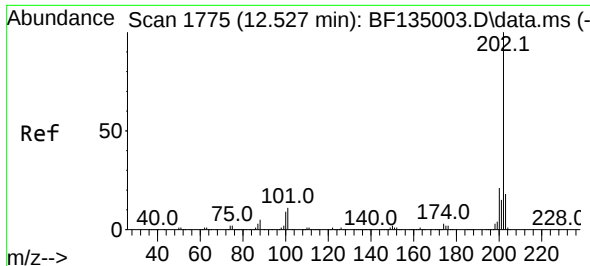
Tgt Ion:167 Resp: 670187
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 13.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 49.921 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

Tgt Ion:149 Resp: 897065
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.0 6.0

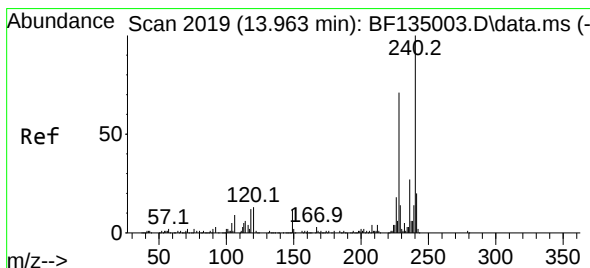
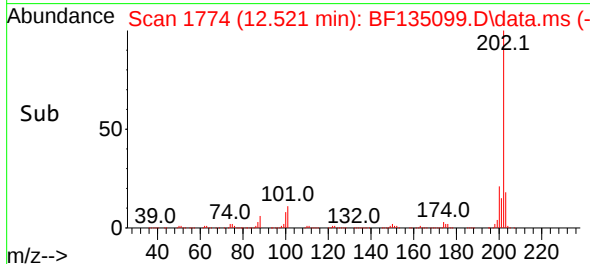
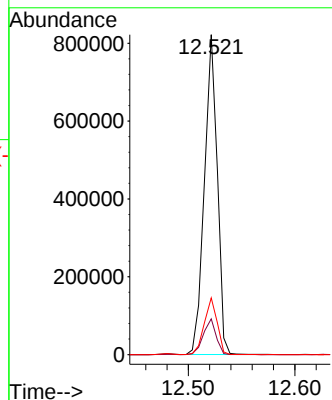
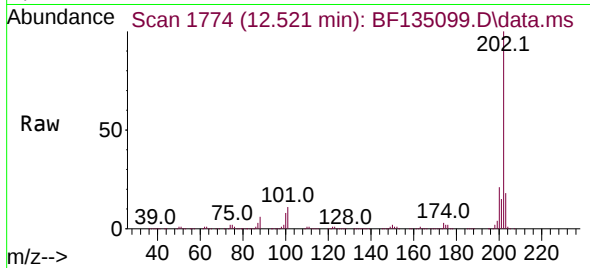




#75
Fluoranthene
Concen: 40.145 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

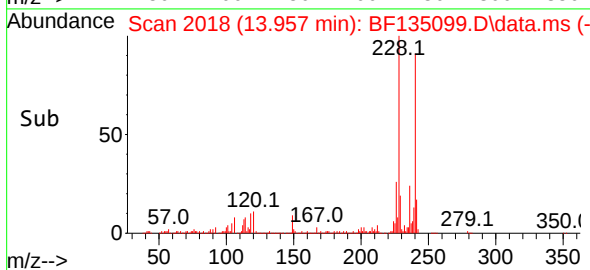
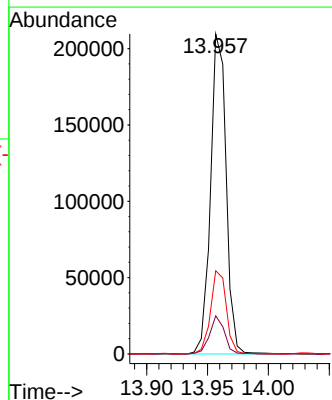
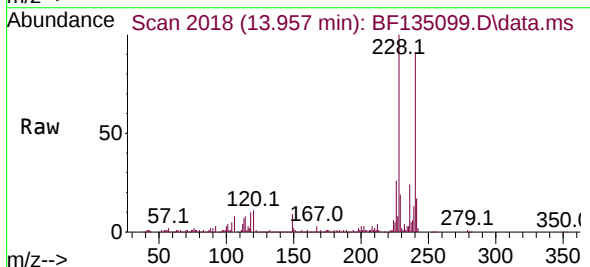
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

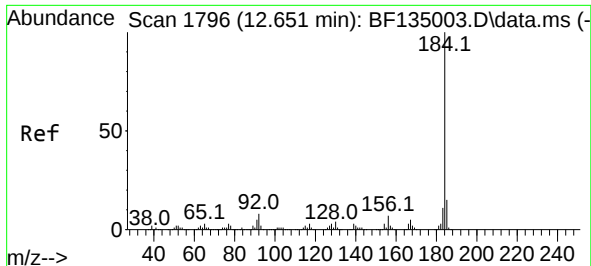
Tgt Ion:202 Resp: 686591
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:240 Resp: 187073
Ion Ratio Lower Upper
240 100
120 11.9 10.2 15.2
236 26.0 21.3 31.9

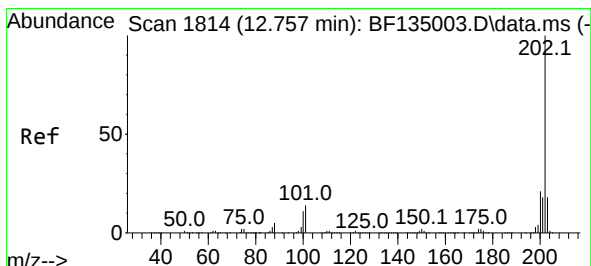
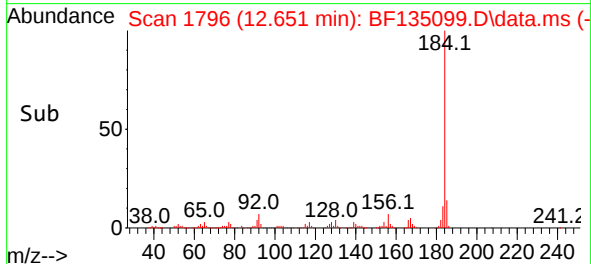
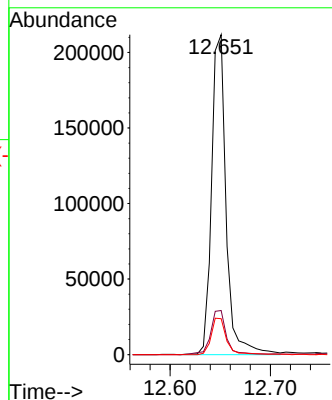
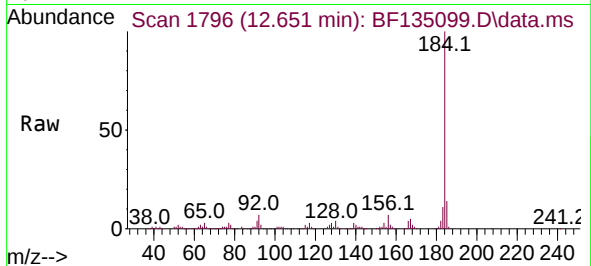




#77
Benzidine
Concen: 63.206 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

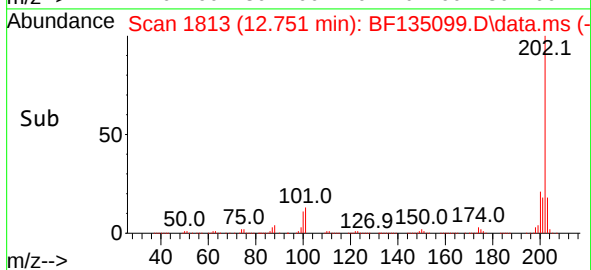
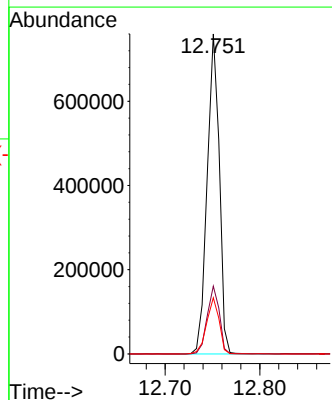
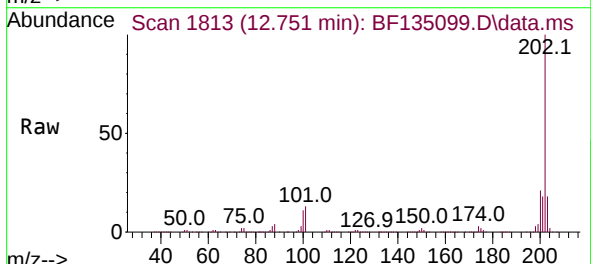
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

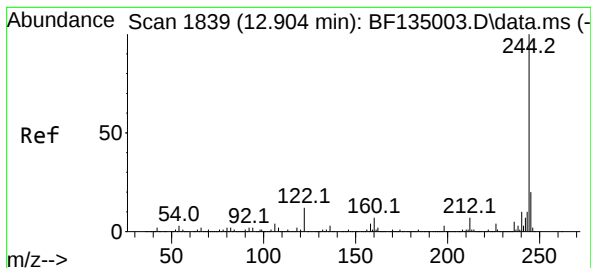
Tgt Ion:184 Resp: 213146
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 11.2 9.0 13.6



#78
Pyrene
Concen: 38.134 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:202 Resp: 677330
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 60.942 ng

RT: 12.898 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

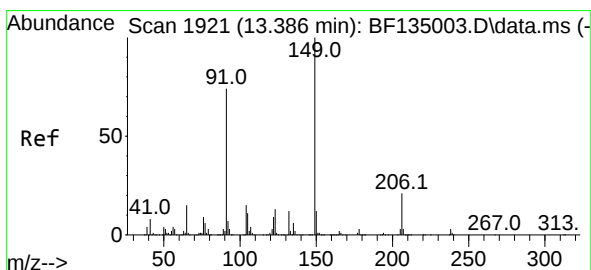
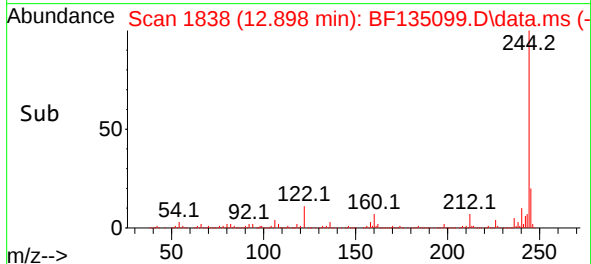
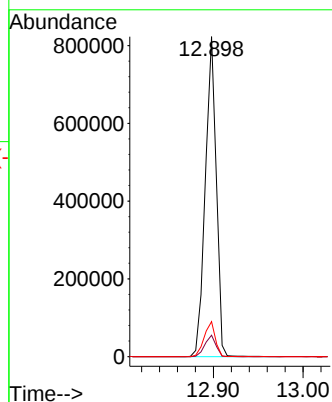
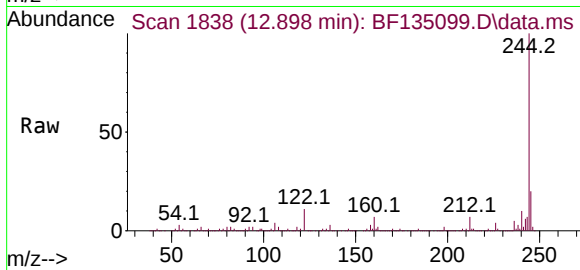
Tgt Ion:244 Resp: 698607

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.9 9.8 14.6



#80

Butylbenzylphthalate

Concen: 44.076 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

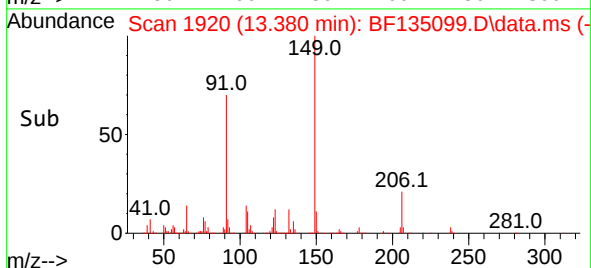
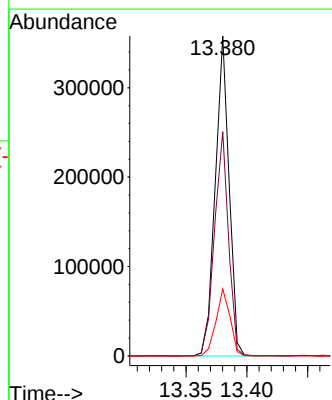
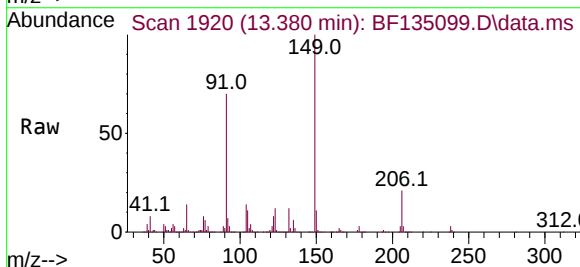
Tgt Ion:149 Resp: 282817

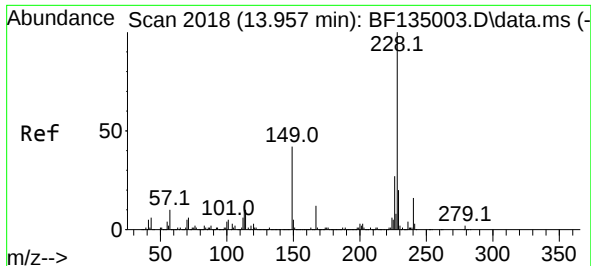
Ion Ratio Lower Upper

149 100

91 70.1 59.0 88.6

206 20.9 16.7 25.1

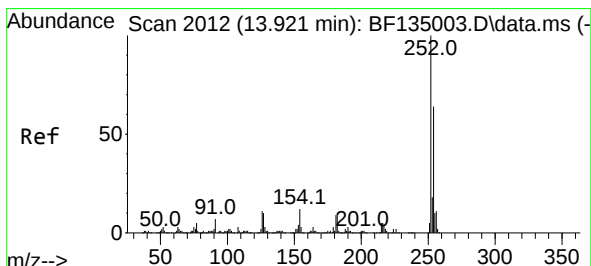
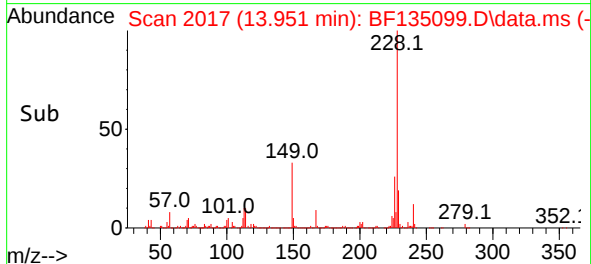
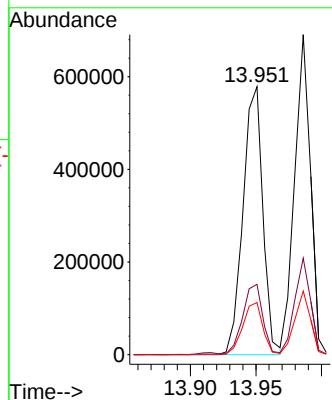
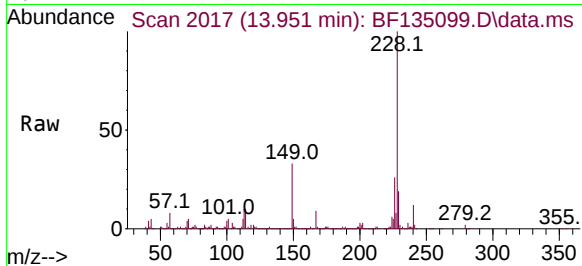




#81
Benzo(a)anthracene
Concen: 47.611 ng
RT: 13.951 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

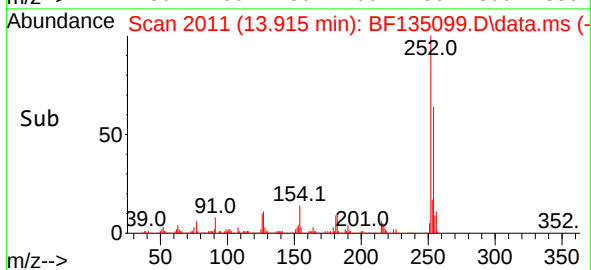
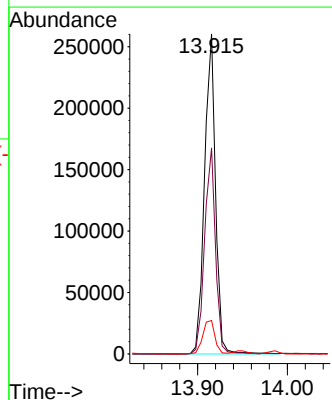
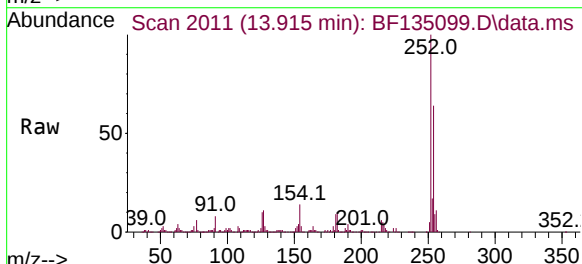
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

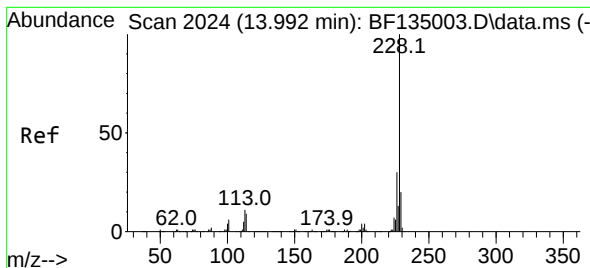
Tgt Ion:228 Resp: 607560
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 57.479 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:252 Resp: 221329
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 10.5 8.6 12.8





#83

Chrysene

Concen: 46.692 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

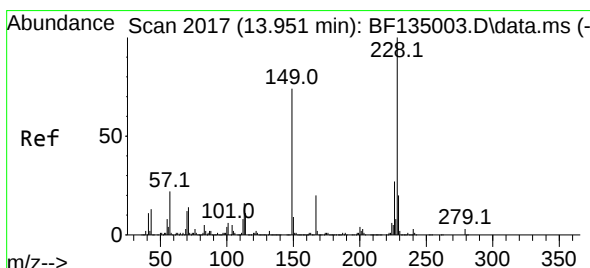
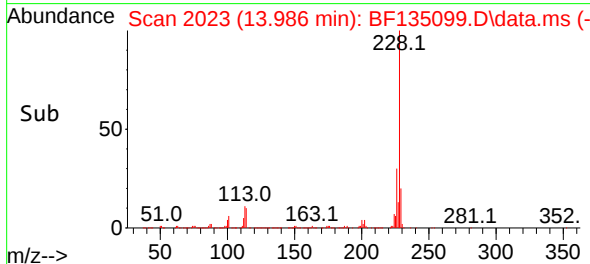
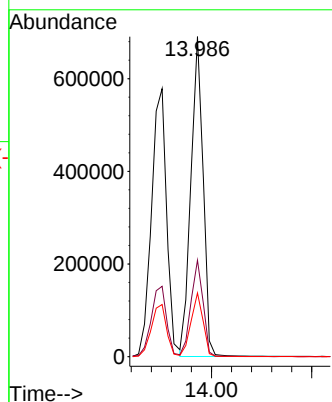
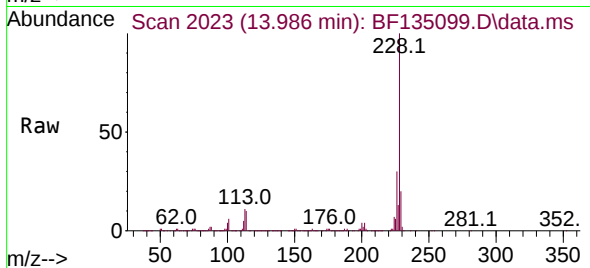
Tgt Ion:228 Resp: 585556

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.793 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

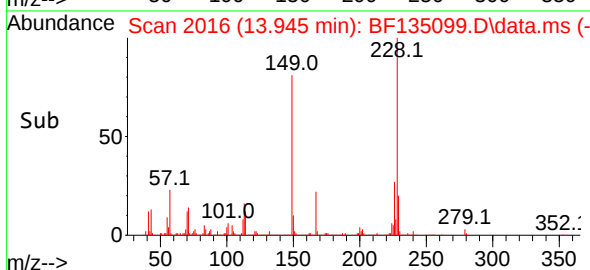
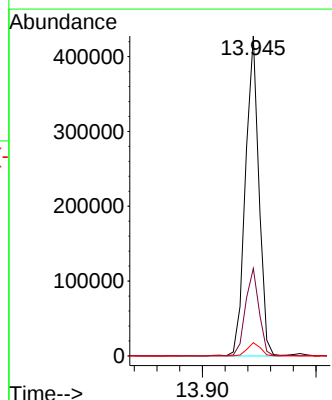
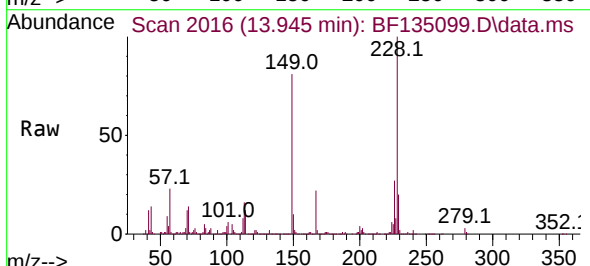
Tgt Ion:149 Resp: 350573

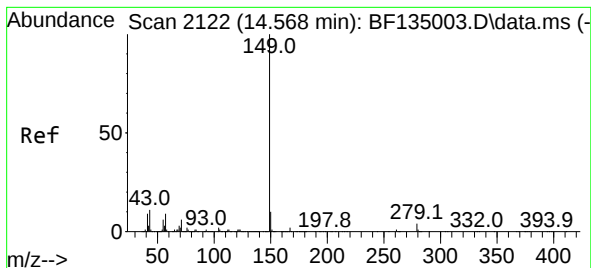
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 66.276 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

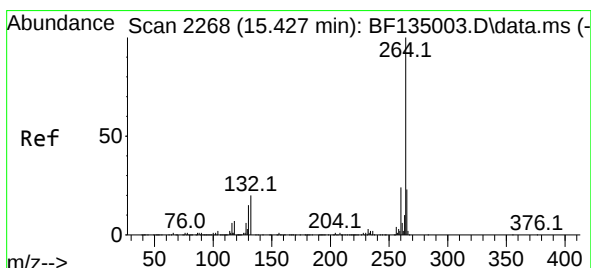
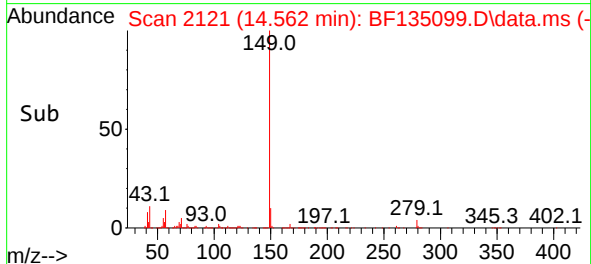
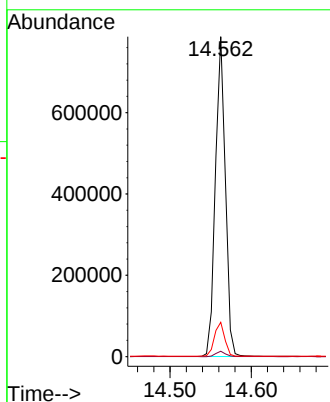
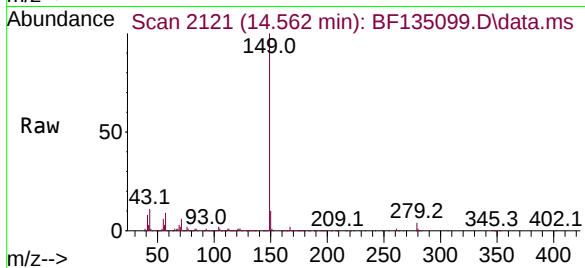
Tgt Ion:149 Resp: 671760

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

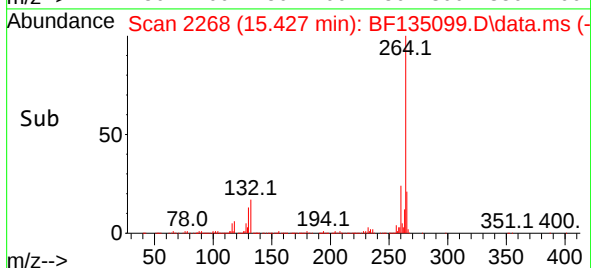
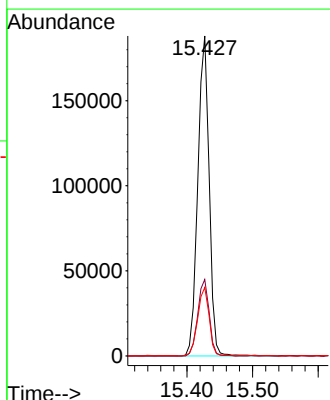
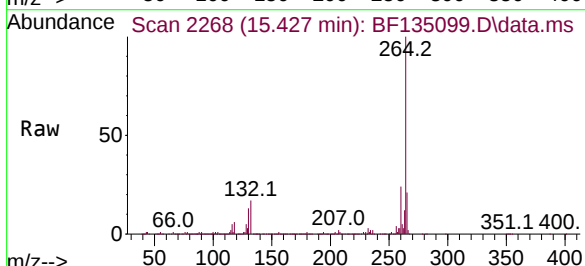
Tgt Ion:264 Resp: 224652

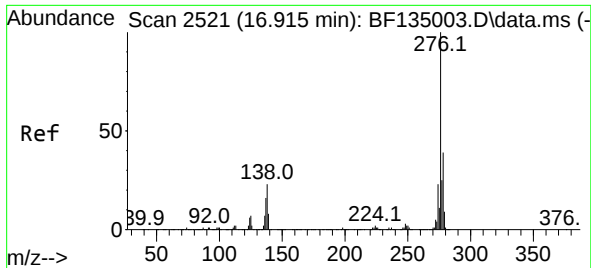
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.4 18.2 27.2

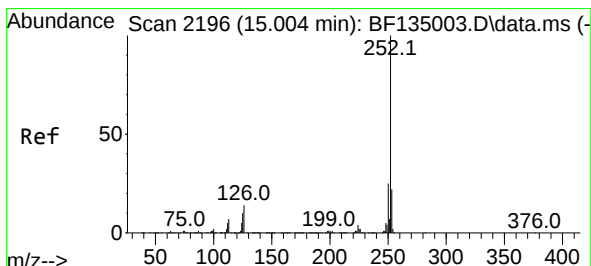
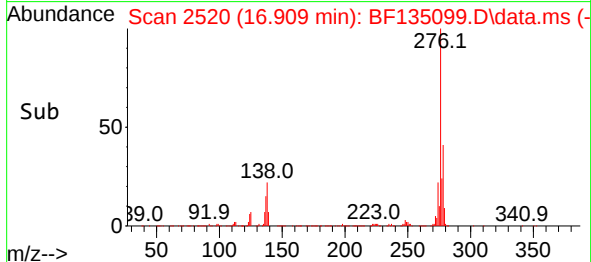
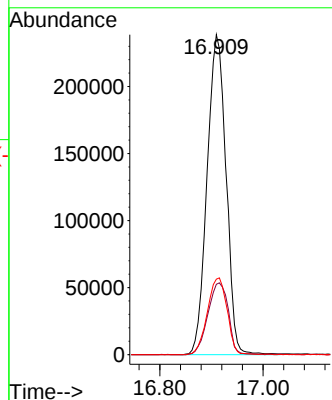
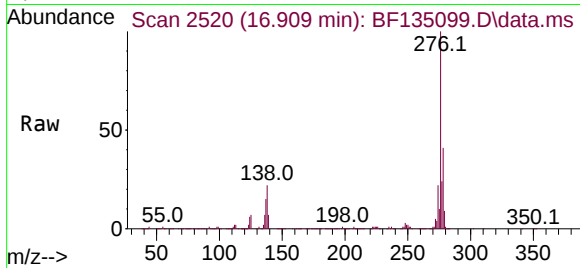




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.299 ng
 RT: 16.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

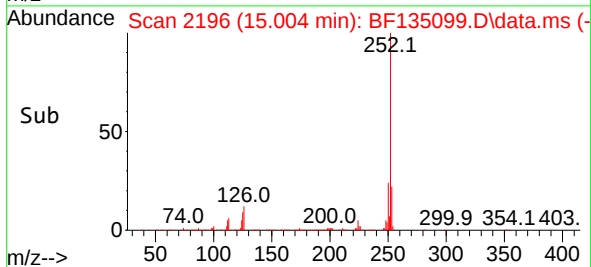
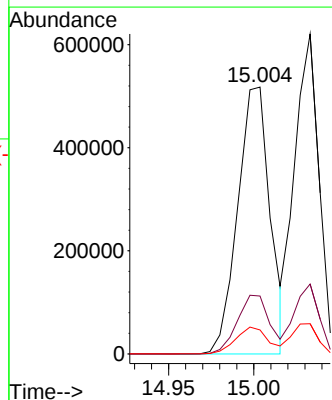
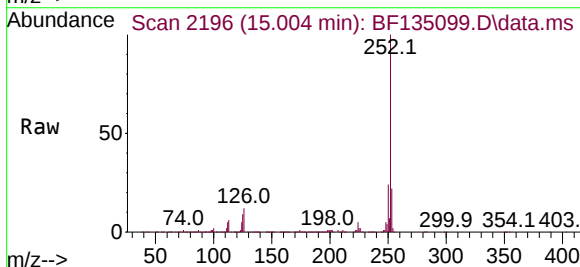
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD

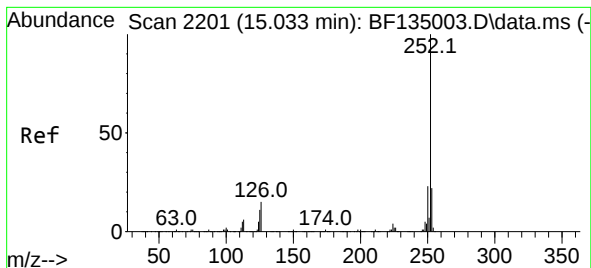
Tgt Ion:276 Resp: 609797
 Ion Ratio Lower Upper
 276 100
 138 24.1 20.2 30.2
 277 24.9 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 48.973 ng
 RT: 15.004 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

Tgt Ion:252 Resp: 684562
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 8.9 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 46.026 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

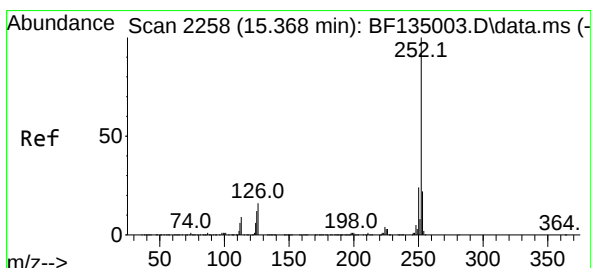
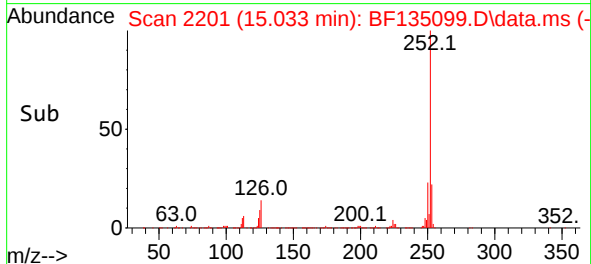
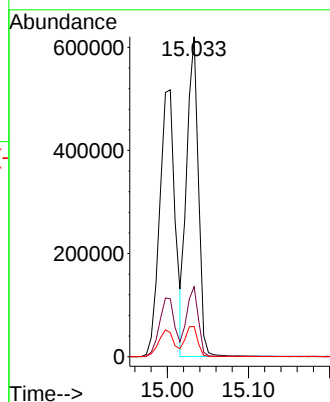
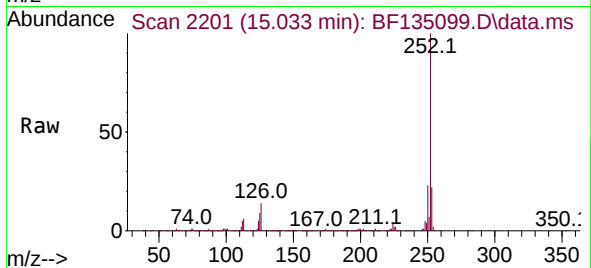
Tgt Ion:252 Resp: 621545

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.4 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.868 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

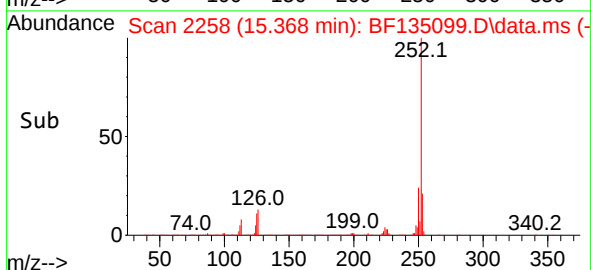
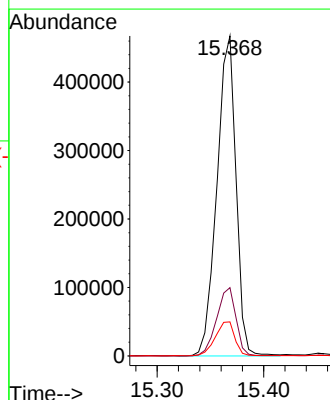
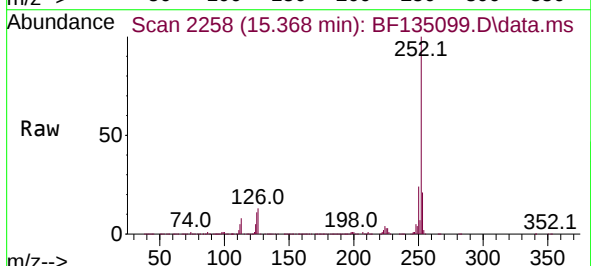
Tgt Ion:252 Resp: 582621

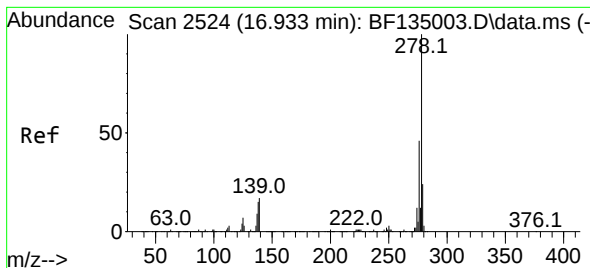
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.364 ng

RT: 16.927 min Scan# 2524

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

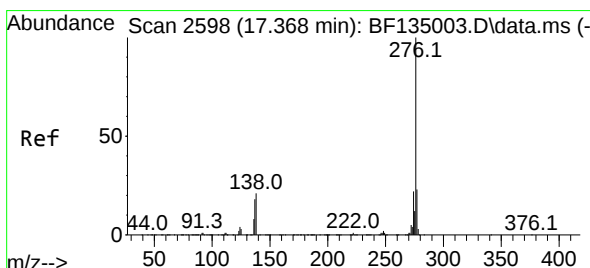
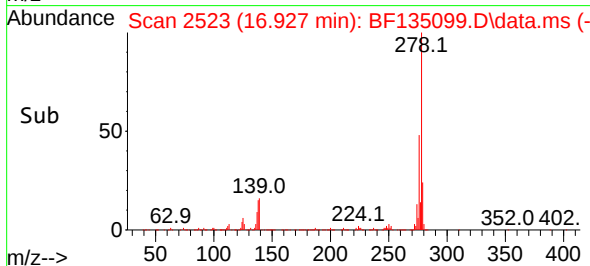
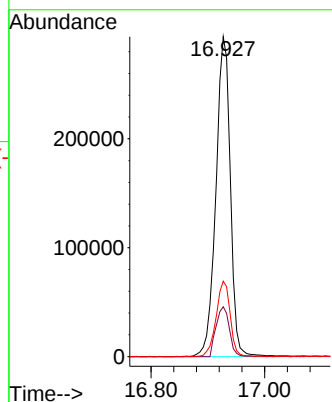
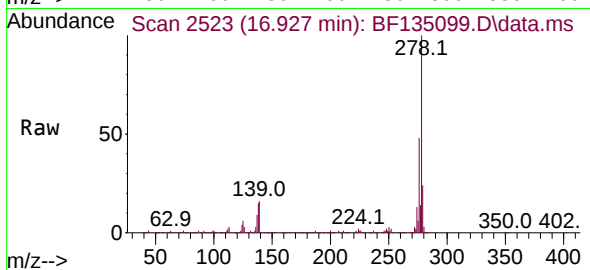
Tgt Ion:278 Resp: 519194

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.2

279 23.6 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 35.525 ng

RT: 17.362 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Tgt Ion:276 Resp: 452826

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 18.7 17.1 25.7

