

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135777.D
 Acq On : 16 Oct 2023 15:16
 Operator : CG\JU
 Sample : 04830-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2327MS

Quant Time: Oct 17 01:33:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	92195	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	352215	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	172581	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	325125	20.000	ng	0.00
76) Chrysene-d12	13.939	240	171118	20.000	ng	-0.01
86) Perylene-d12	15.416	264	218941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	545029	95.045	ng	0.00
7) Phenol-d6	6.393	99	664423	92.862	ng	0.00
23) Nitrobenzene-d5	7.310	82	417065	65.126	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	162207	97.948	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	682535	61.835	ng	0.00
79) Terphenyl-d14	12.869	244	663426	71.799	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	127334	46.036	ng	99
3) Pyridine	3.228	79	270922	39.920	ng	96
4) n-Nitrosodimethylamine	3.193	42	175553	48.102	ng	98
6) Aniline	6.404	93	256166	28.450	ng	# 22
8) 2-Chlorophenol	6.528	128	310566	50.223	ng	97
9) Benzaldehyde	6.298	77	134592	33.050	ng	98
10) Phenol	6.404	94	372168	49.642	ng	86
11) bis(2-Chloroethyl)ether	6.481	93	290292	48.056	ng	99
12) 1,3-Dichlorobenzene	6.675	146	315385	50.308	ng	99
13) 1,4-Dichlorobenzene	6.757	146	320140	50.409	ng	98
14) 1,2-Dichlorobenzene	6.904	146	294571	51.514	ng	100
15) Benzyl Alcohol	6.893	79	246074	51.724	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	531148	48.617	ng	86
17) 2-Methylphenol	7.010	107	246659	46.077	ng	94
18) Hexachloroethane	7.240	117	120612	52.380	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	203125	45.914	ng	100
20) 3+4-Methylphenols	7.163	107	322765	48.364	ng	95
22) Acetophenone	7.151	105	427428	52.914	ng	# 98
24) Nitrobenzene	7.328	77	323931	50.400	ng	99
25) Isophorone	7.563	82	589188	48.767	ng	100
26) 2-Nitrophenol	7.645	139	163768	52.212	ng	94
27) 2,4-Dimethylphenol	7.687	122	237962	46.085	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	362514	50.384	ng	99
29) 2,4-Dichlorophenol	7.892	162	254980	52.694	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	258723	52.276	ng	99
31) Naphthalene	8.040	128	877190	51.060	ng	98
32) Benzoic acid	7.840	122	163742	46.848	ng	96
33) 4-Chloroaniline	8.104	127	95045	12.665	ng	98
34) Hexachlorobutadiene	8.151	225	152351	52.007	ng	99
35) Caprolactam	8.487	113	65323	39.489	ng	93
36) 4-Chloro-3-methylphenol	8.598	107	257837	48.048	ng	100
37) 2-Methylnaphthalene	8.734	142	524316	46.323	ng	100
38) 1-Methylnaphthalene	8.834	142	496854	47.593	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	258357	52.042	ng	99
41) Hexachlorocyclopentadiene	8.881	237	69550	73.321	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	160663	50.222	ng	99

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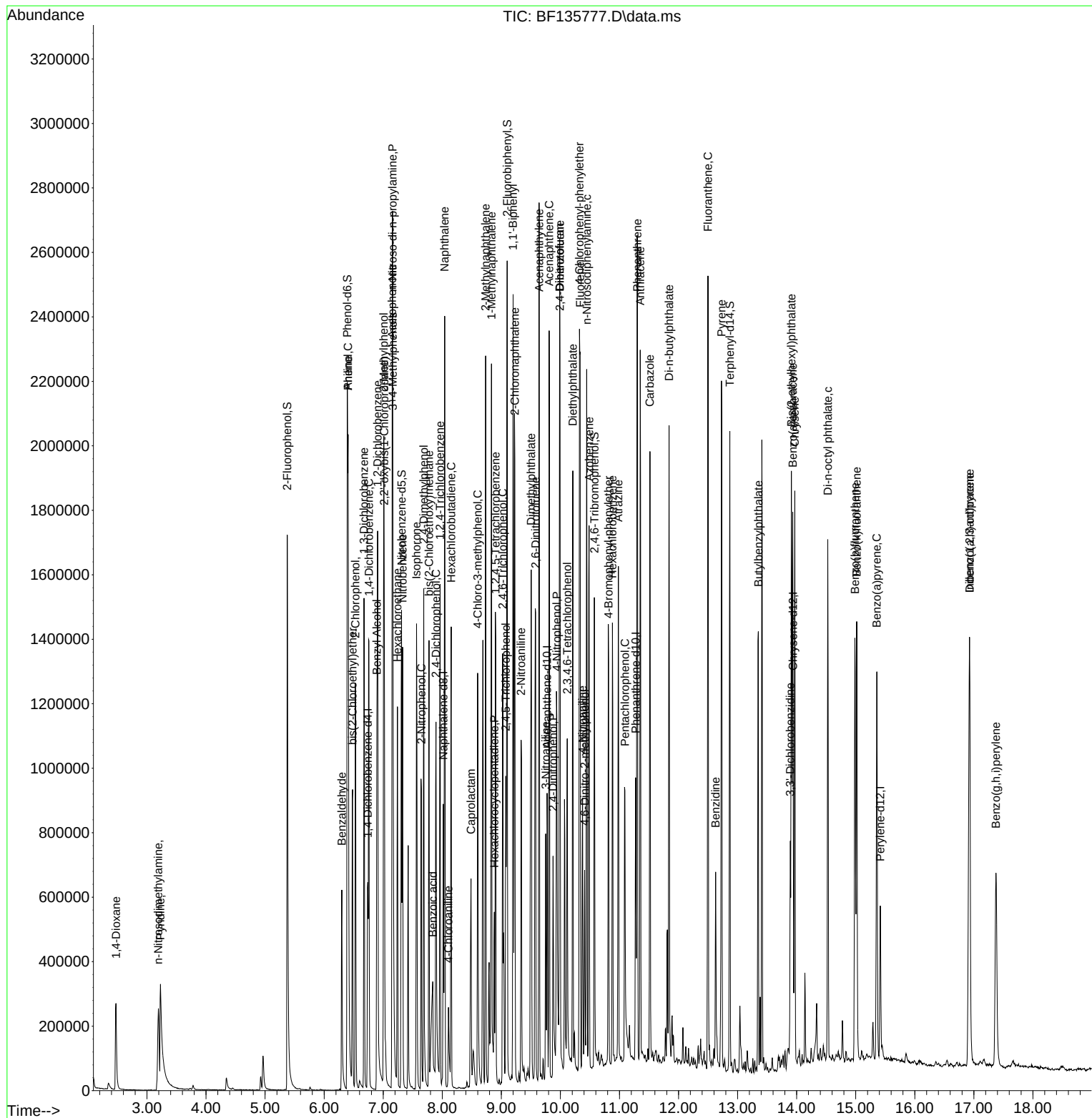
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	174646	46.937	ng	96
46) 1,1'-Biphenyl	9.198	154	674935	51.054	ng	98
47) 2-Chloronaphthalene	9.228	162	483535	50.751	ng	97
48) 2-Nitroaniline	9.334	65	188913	50.233	ng	95
49) Acenaphthylene	9.639	152	827083	52.456	ng	99
50) Dimethylphthalate	9.504	163	591365	50.759	ng	100
51) 2,6-Dinitrotoluene	9.581	165	131080	52.320	ng	91
52) Acenaphthene	9.810	154	488858	51.728	ng	98
53) 3-Nitroaniline	9.751	138	96823	31.526	ng	94
54) 2,4-Dinitrophenol	9.875	184	105148	100.543	ng	94
55) Dibenzofuran	9.986	168	734602	51.517	ng	100
56) 4-Nitrophenol	9.939	139	141839	99.369	ng	93
57) 2,4-Dinitrotoluene	9.992	165	165049	51.783	ng	# 78
58) Fluorene	10.333	166	581917	52.127	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	141682	50.386	ng	98
60) Diethylphthalate	10.210	149	599924	50.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	266947	49.477	ng	96
62) 4-Nitroaniline	10.375	138	124446	44.040	ng	96
63) Azobenzene	10.486	77	571883	49.490	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	76448	46.722	ng	87
66) n-Nitrosodiphenylamine	10.445	169	511643	51.630	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	167268	51.251	ng	97
68) Hexachlorobenzene	10.881	284	178624	53.757	ng	94
69) Atrazine	10.980	200	167135	62.006	ng	96
70) Pentachlorophenol	11.092	266	145238	110.824	ng	96
71) Phenanthrene	11.304	178	1059332	68.015	ng	100
72) Anthracene	11.351	178	858662	53.203	ng	99
73) Carbazole	11.516	167	741823	49.283	ng	100
74) Di-n-butylphthalate	11.839	149	911863	49.341	ng	100
75) Fluoranthene	12.498	202	1007043	58.257	ng	99
77) Benzidine	12.627	184	253707	67.946	ng	98
78) Pyrene	12.727	202	979670	72.045	ng	99
80) Butylbenzylphthalate	13.351	149	334555	55.989	ng	94
81) Benzo(a)anthracene	13.933	228	676379	60.178	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	138695	37.207	ng	96
83) Chrysene	13.969	228	608652	55.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	459186	56.699	ng	99
85) Di-n-octyl phthalate	14.527	149	725991	56.532	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	680810	57.069	ng	99
88) Benzo(b)fluoranthene	14.986	252	704773	57.517	ng	99
89) Benzo(k)fluoranthene	15.016	252	543945	45.724	ng	99
90) Benzo(a)pyrene	15.357	252	587314	50.972	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	541675	55.388	ng	99
92) Benzo(g,h,i)perylene	17.374	276	537440	53.500	ng	100

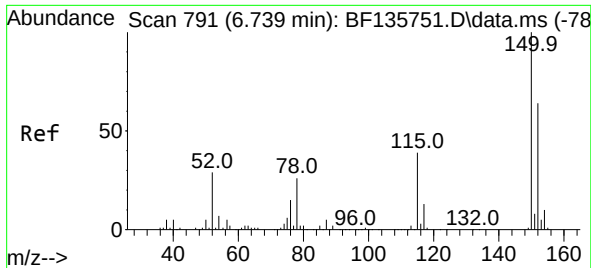
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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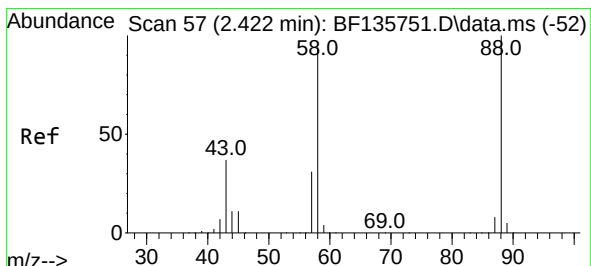
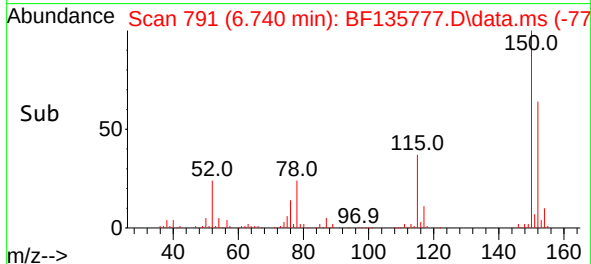
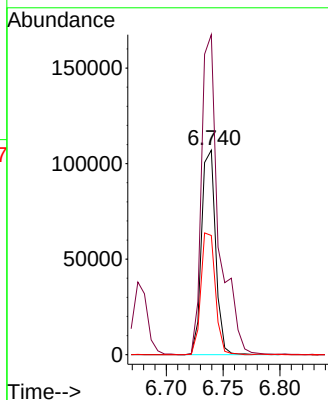
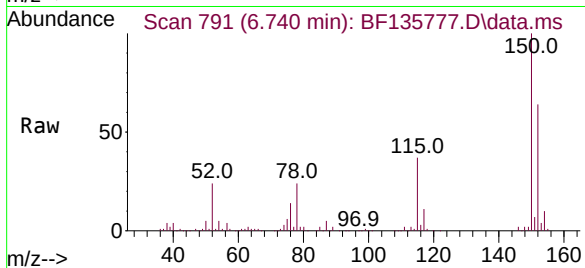




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

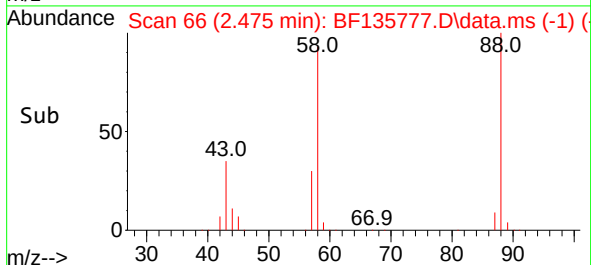
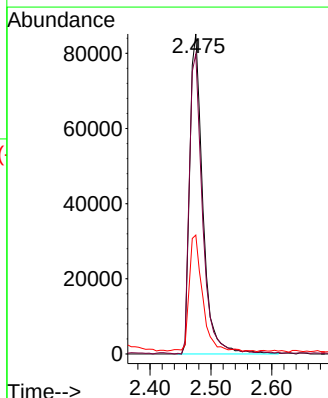
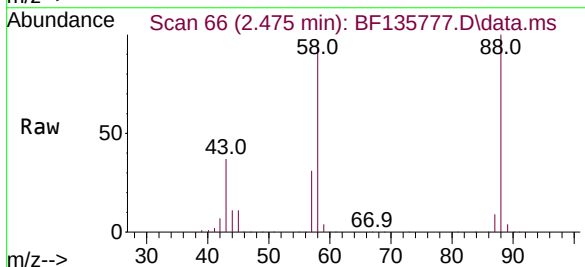
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BNA_F
ClientSampleId :
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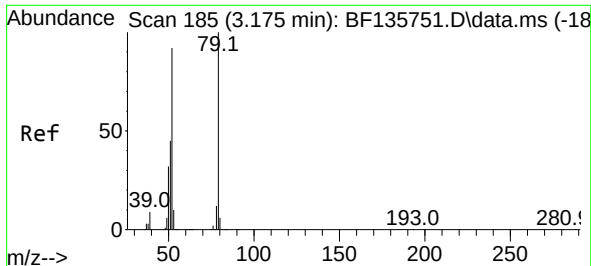
Tgt Ion:152 Resp: 92195
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 58.3 49.0 73.4



#2
1,4-Dioxane
Concen: 46.036 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.035 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion: 88 Resp: 127334
Ion Ratio Lower Upper
88 100
58 94.4 76.1 114.1
43 37.4 29.8 44.8

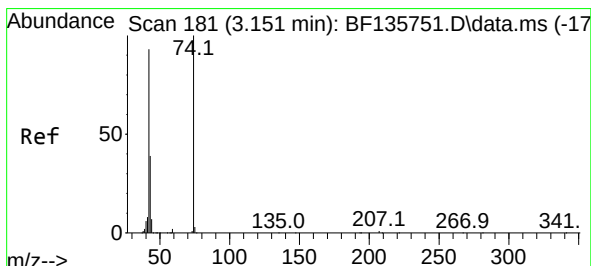
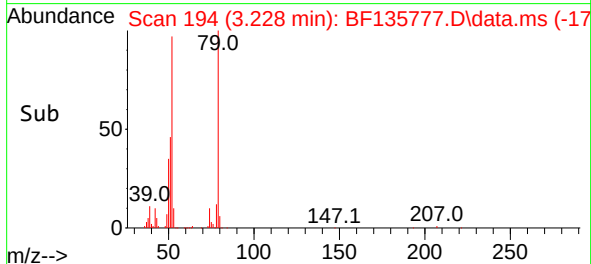
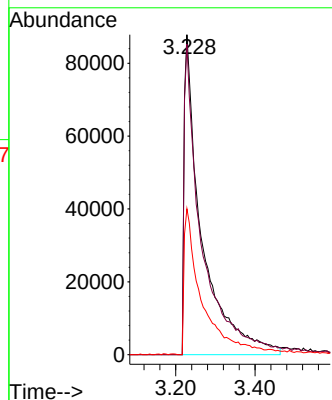
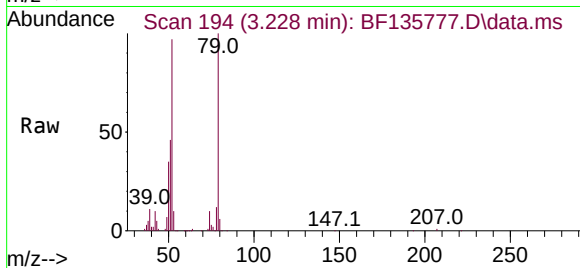




#3
 Pyridine
 Concen: 39.920 ng
 RT: 3.228 min Scan# 194
 Delta R.T. 0.041 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

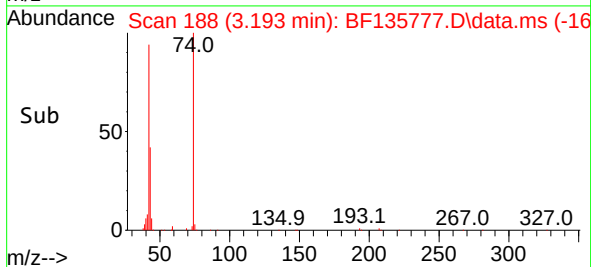
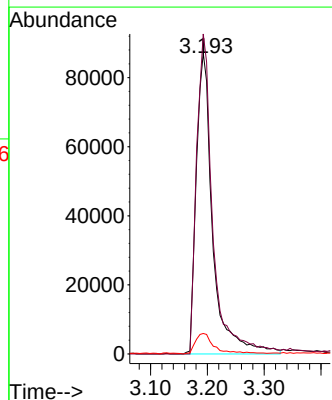
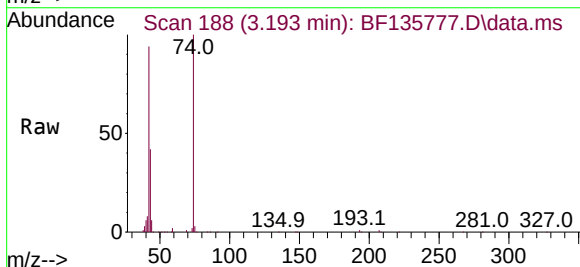
Instrument :
 BNA_F
 ClientSampleId :
 RT-2327MS

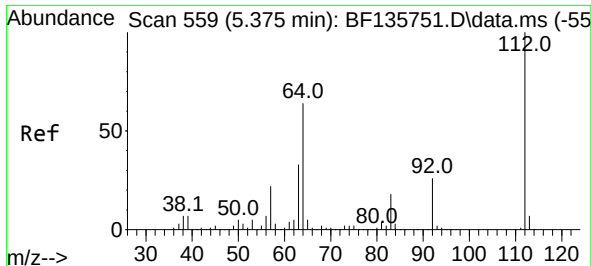
Tgt Ion: 79 Resp: 270922
 Ion Ratio Lower Upper
 79 100
 52 97.1 73.4 110.2
 51 45.6 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 48.102 ng
 RT: 3.193 min Scan# 188
 Delta R.T. 0.023 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

Tgt Ion: 42 Resp: 175553
 Ion Ratio Lower Upper
 42 100
 74 106.3 86.5 129.7
 44 6.8 5.9 8.9

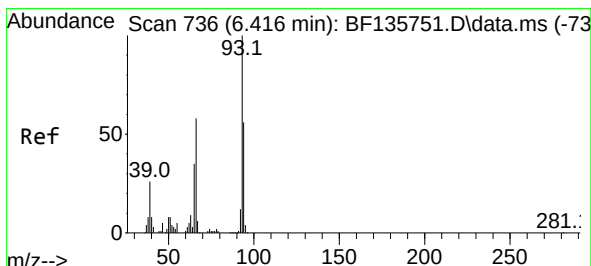
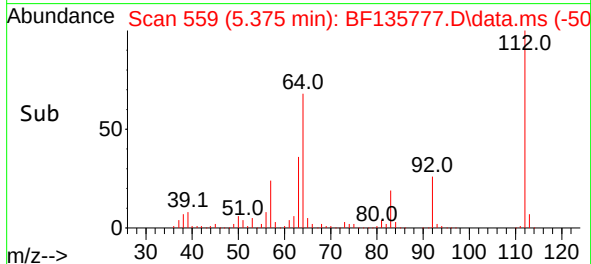
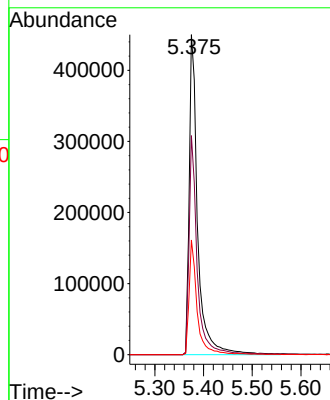
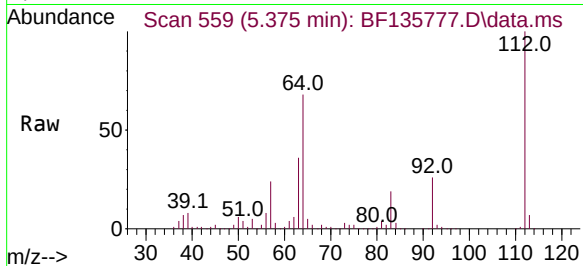




#5
2-Fluorophenol
Concen: 95.045 ng
RT: 5.375 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

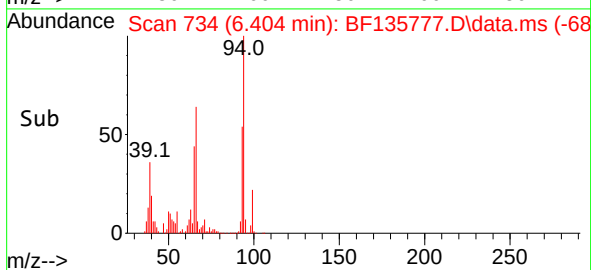
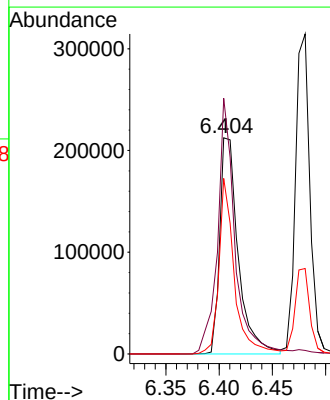
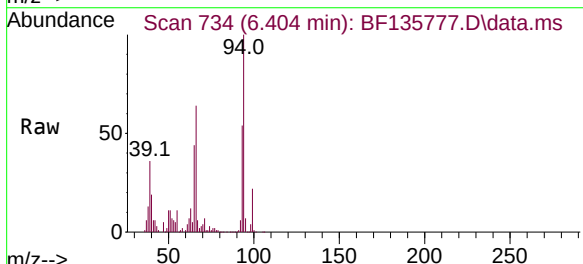
Instrument :
BNA_F
ClientSampleId :
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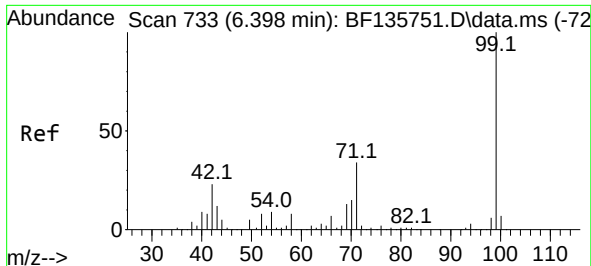
Tgt Ion:112 Resp: 545029
Ion Ratio Lower Upper
112 100
64 68.5 51.2 76.8
63 35.9 26.1 39.1



#6
Aniline
Concen: 28.450 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion: 93 Resp: 256166
Ion Ratio Lower Upper
93 100
66 118.3 47.6 71.4#
65 81.2 28.5 42.7#





#7

Phenol-d6

Concen: 92.862 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

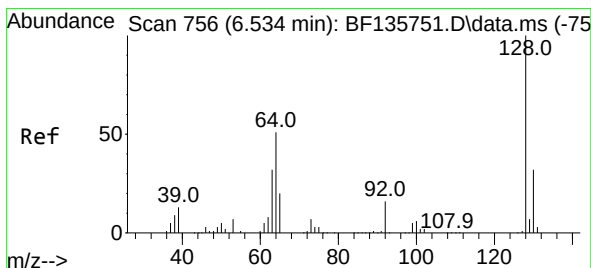
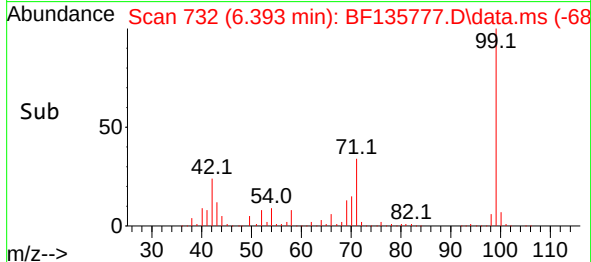
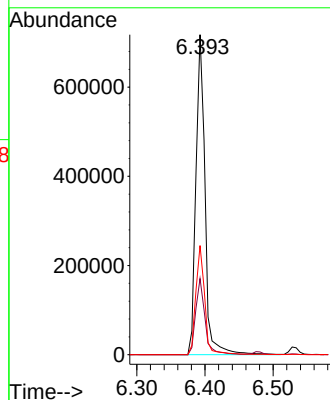
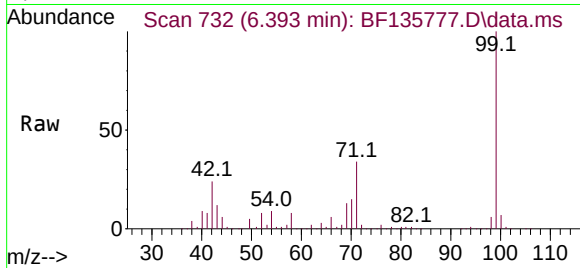
Tgt Ion: 99 Resp: 664423

Ion Ratio Lower Upper

99 100

42 23.8 18.4 27.6

71 34.1 27.2 40.8



#8

2-Chlorophenol

Concen: 50.223 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF135777.D

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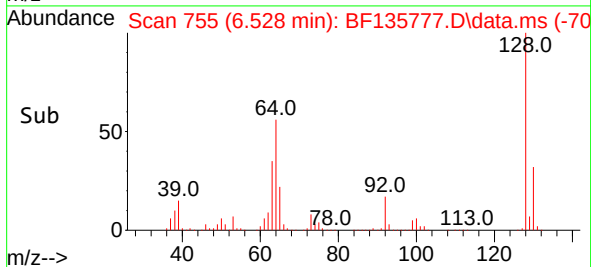
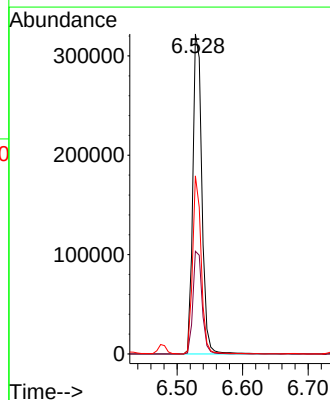
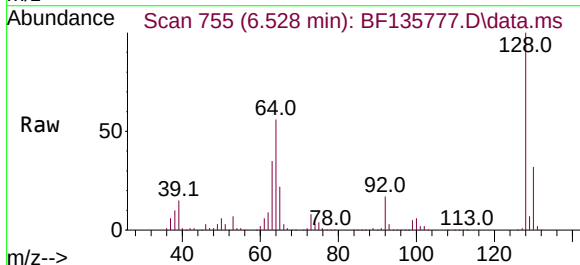
Tgt Ion:128 Resp: 310566

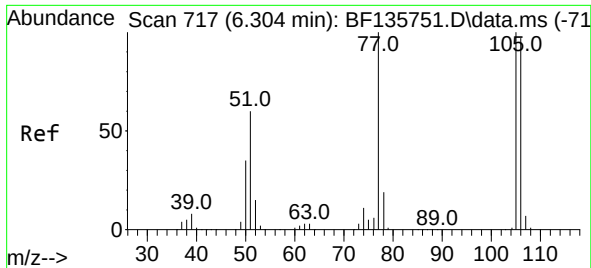
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 55.6 32.3 72.3

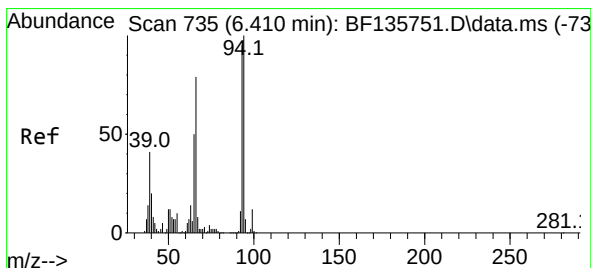
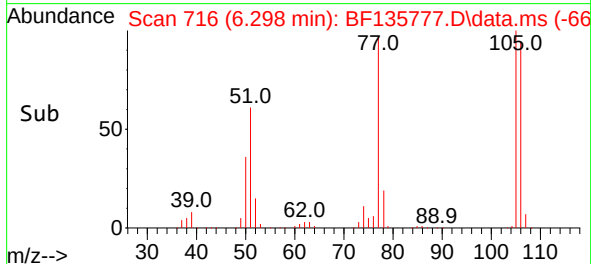
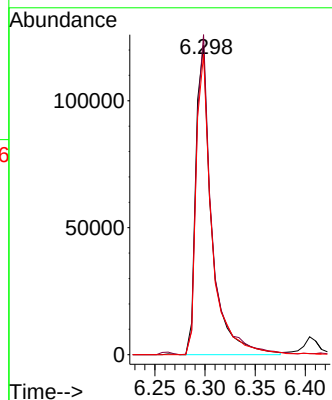
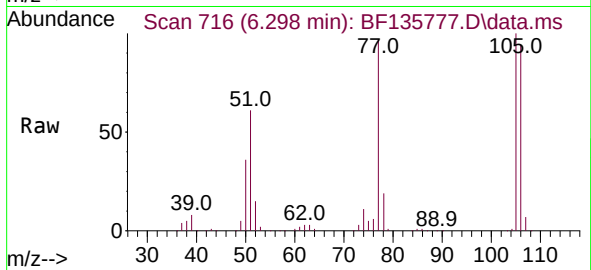




#9
Benzaldehyde
Concen: 33.050 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

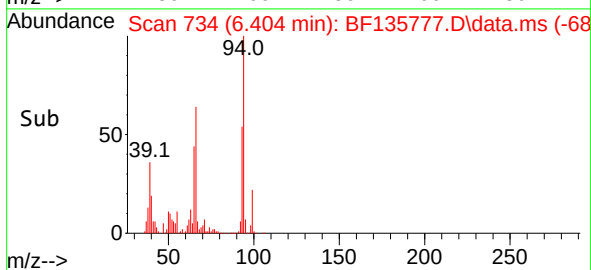
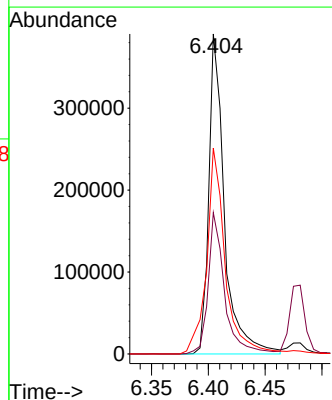
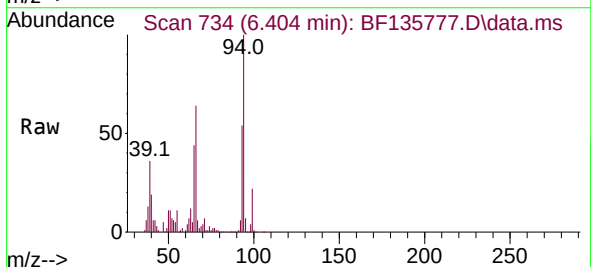
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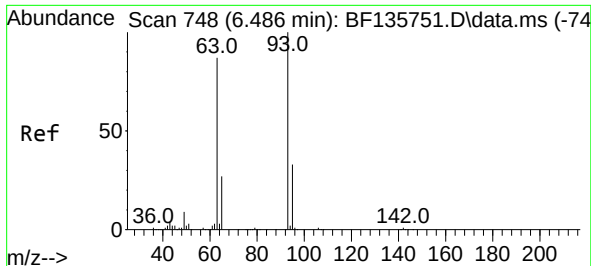
Tgt Ion: 77 Resp: 134592
Ion Ratio Lower Upper
77 100
105 103.3 79.9 119.9
106 96.9 77.1 117.1



#10
Phenol
Concen: 49.642 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion: 94 Resp: 372168
Ion Ratio Lower Upper
94 100
65 44.2 30.3 70.3
66 64.4 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 48.056 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

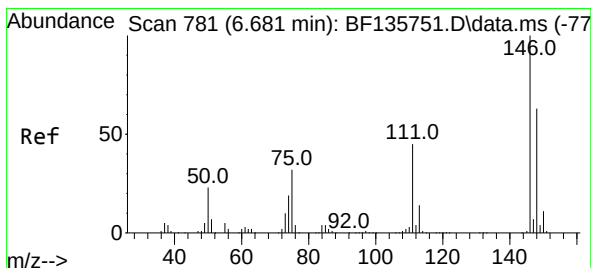
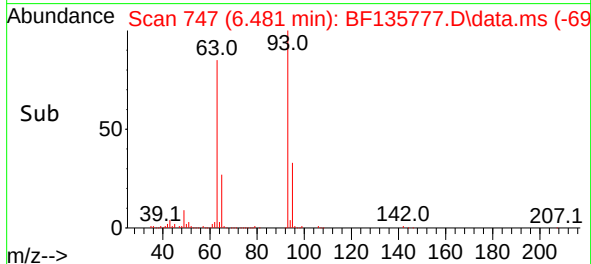
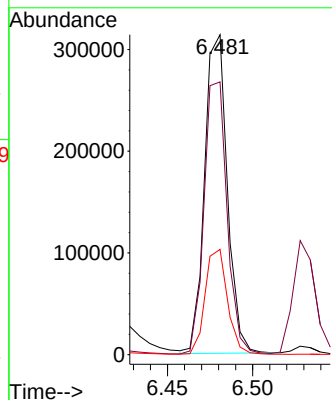
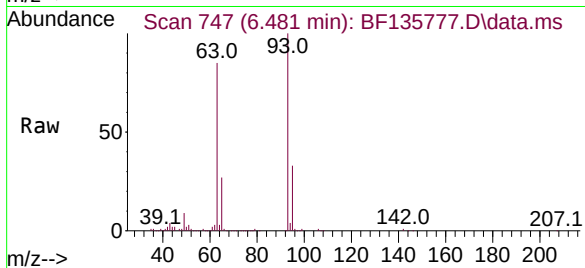
Tgt Ion: 93 Resp: 290292

Ion Ratio Lower Upper

93 100

63 85.3 66.3 106.3

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 50.308 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

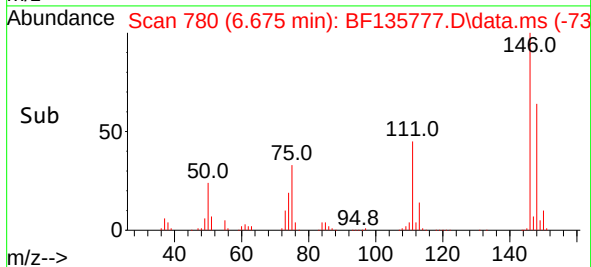
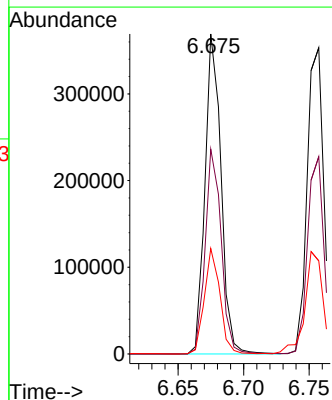
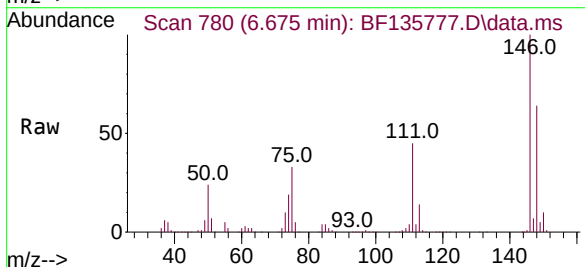
Tgt Ion: 146 Resp: 315385

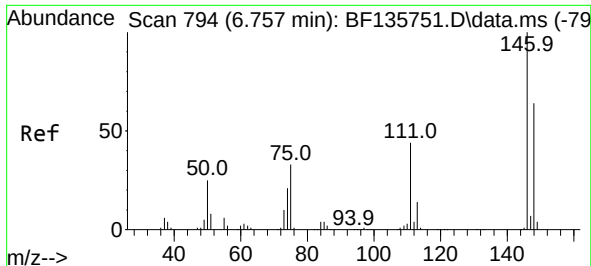
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

75 32.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 50.409 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

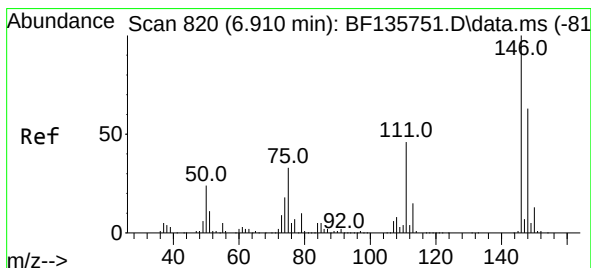
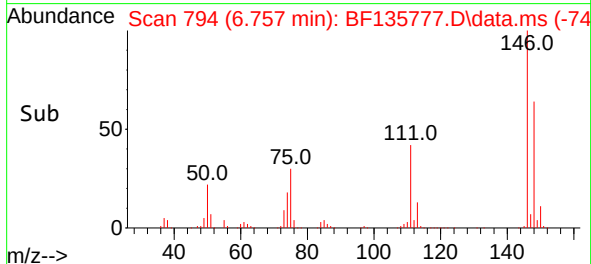
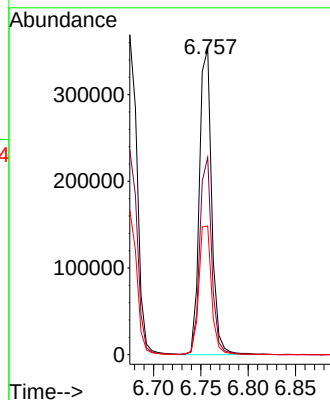
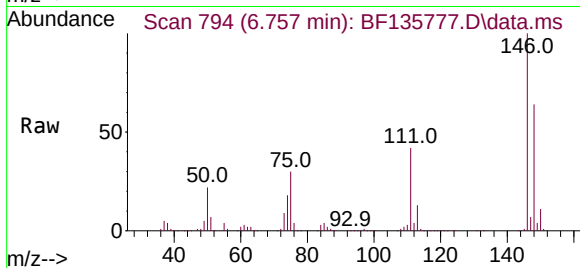
Tgt Ion:146 Resp: 320140

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 42.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 51.514 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

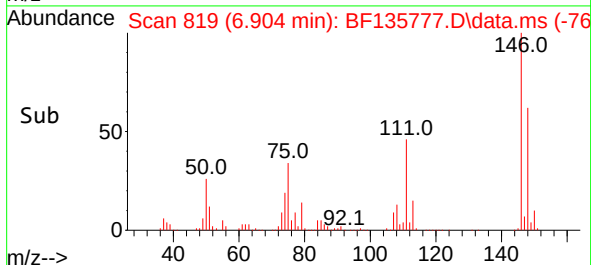
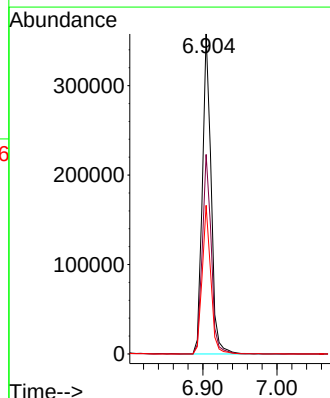
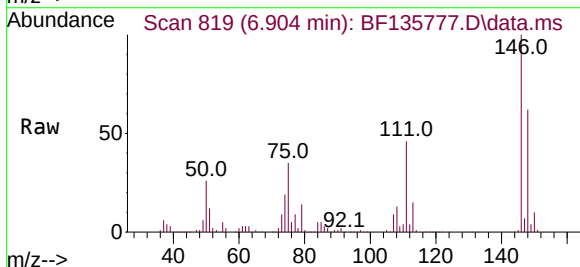
Tgt Ion:146 Resp: 294571

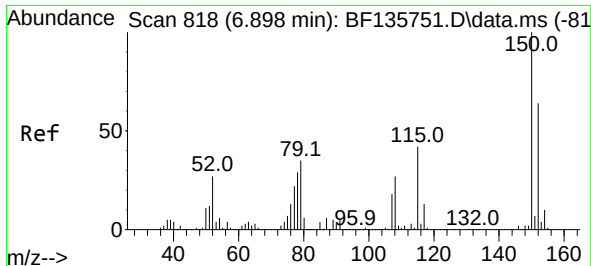
Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

111 46.5 37.1 55.7

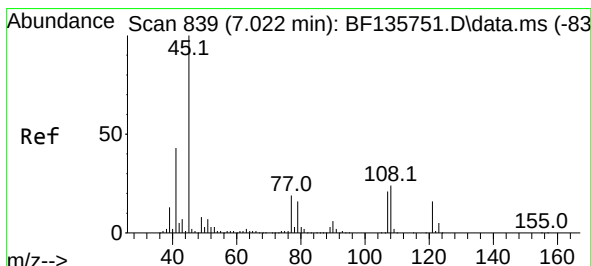
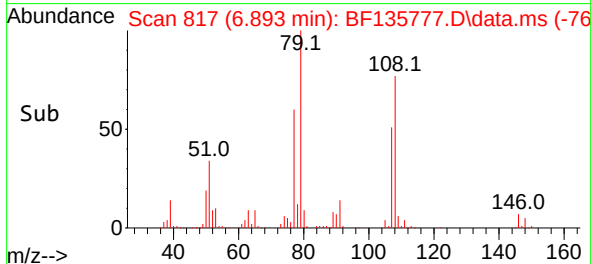
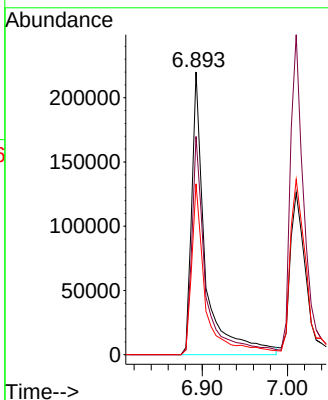
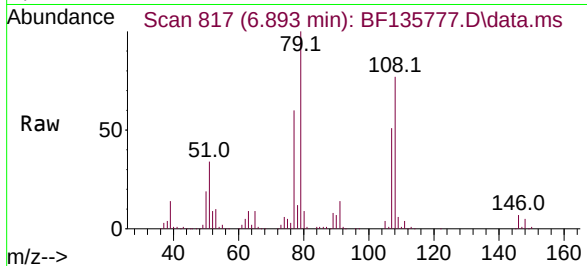




#15
Benzyl Alcohol
Concen: 51.724 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

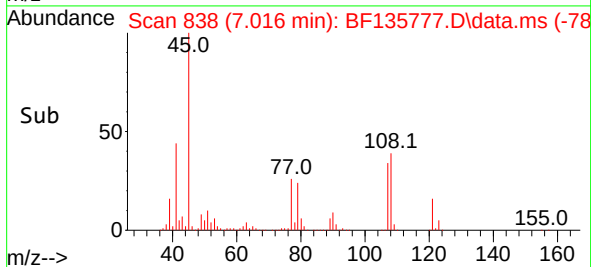
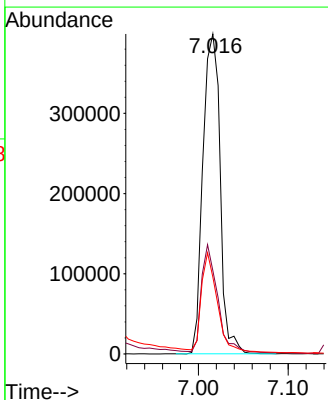
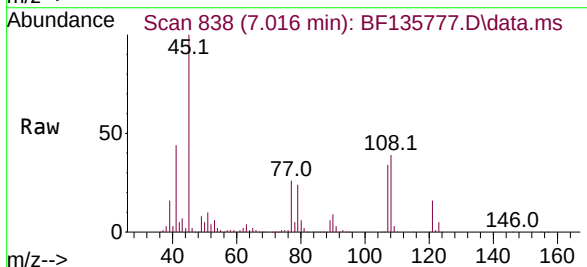
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

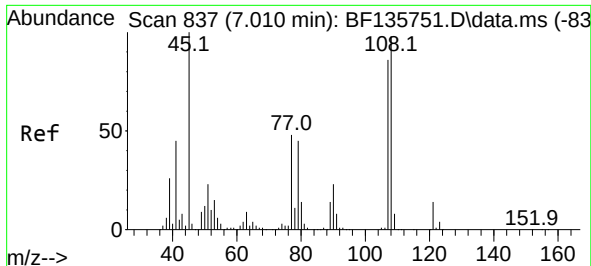
Tgt Ion: 79 Resp: 246074
Ion Ratio Lower Upper
79 100
108 77.2 62.0 93.0
77 60.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.617 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion: 45 Resp: 531148
Ion Ratio Lower Upper
45 100
77 26.0 0.0 39.8
79 24.0 0.0 37.6

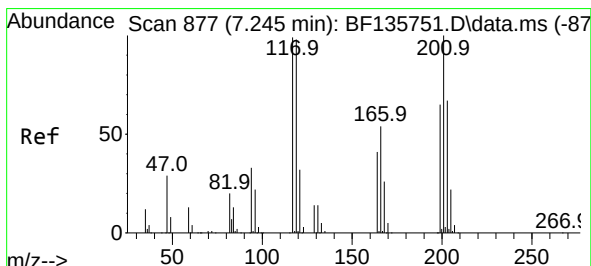
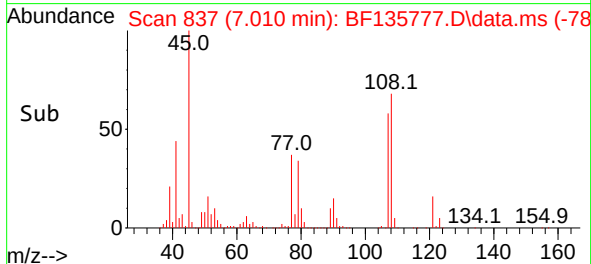
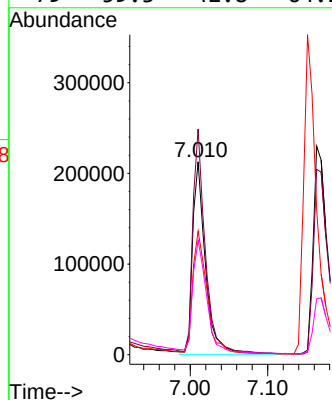
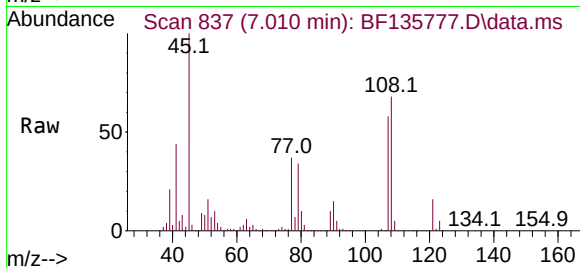




#17
2-Methylphenol
Concen: 46.077 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

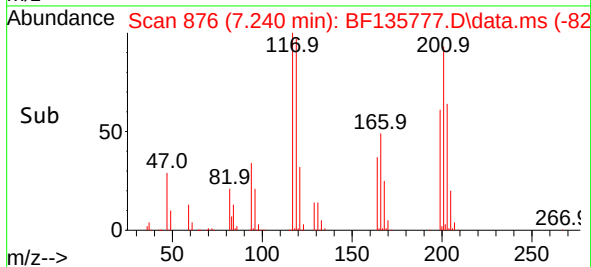
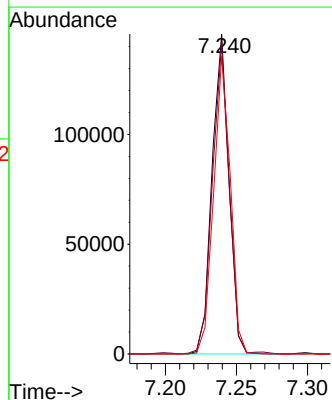
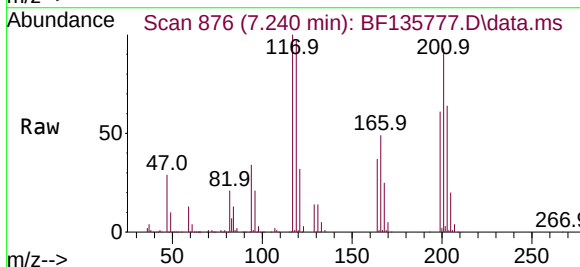
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

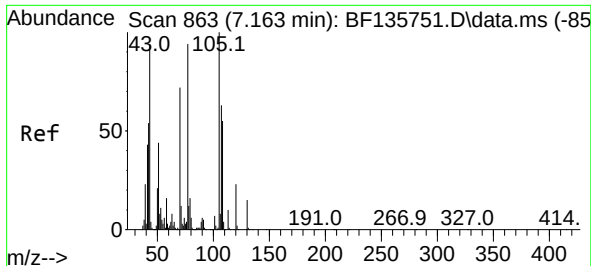
Tgt Ion:107 Resp: 246659
Ion Ratio Lower Upper
107 100
108 117.0 91.8 137.6
77 64.0 45.4 68.0
79 59.3 42.8 64.2



#18
Hexachloroethane
Concen: 52.380 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

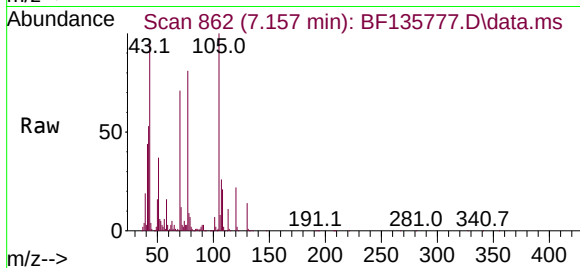
Tgt Ion:117 Resp: 120612
Ion Ratio Lower Upper
117 100
119 97.1 79.5 119.3
201 93.1 80.9 121.3





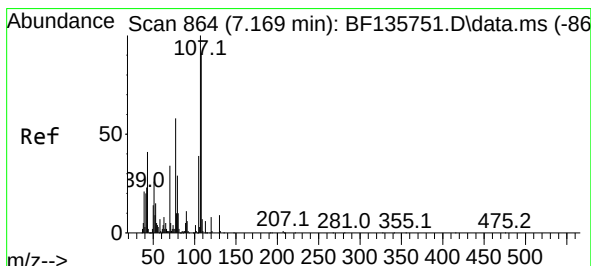
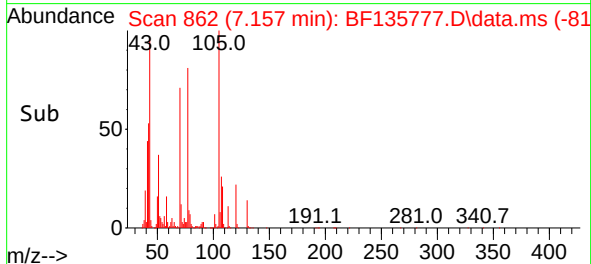
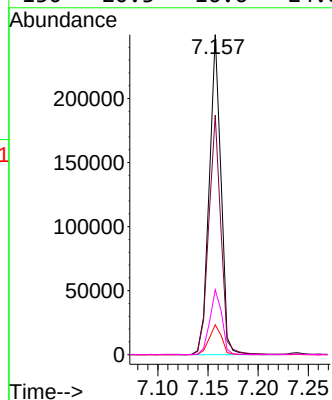
#19
n-Nitroso-di-n-propylamine
Concen: 45.914 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Instrument :
BNA_F
ClientSampleId :
RT-2327MS



Tgt Ion: 70 Resp: 203125

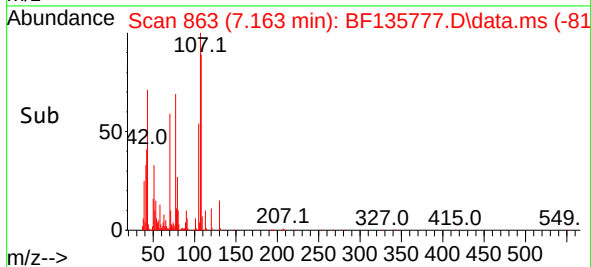
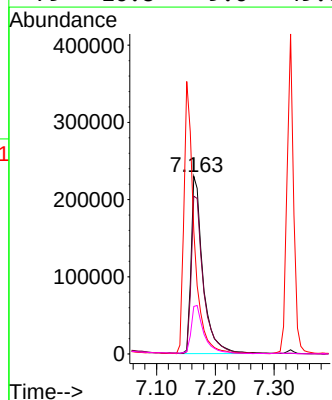
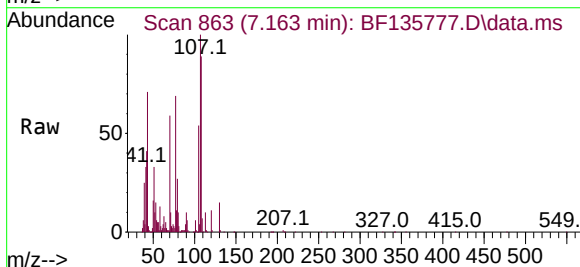
Ion	Ratio	Lower	Upper
70	100		
42	74.8	59.8	89.6
101	9.4	7.4	11.2
130	20.3	16.6	24.8

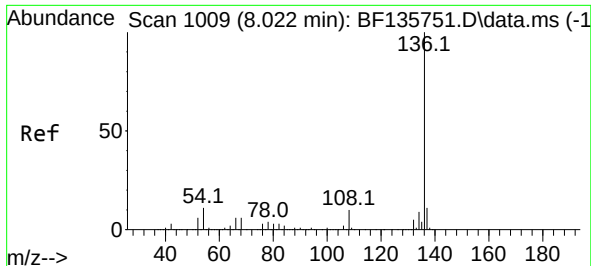


#20
3+4-Methylphenols
Concen: 48.364 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:107 Resp: 322765

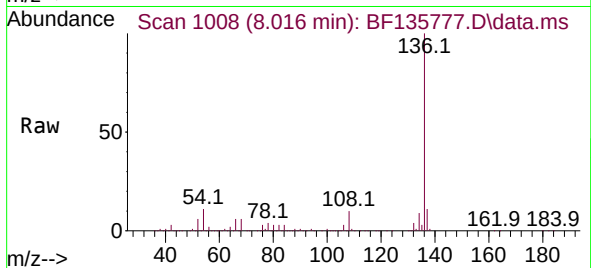
Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.1	111.1
77	69.4	42.0	82.0
79	26.8	9.6	49.6



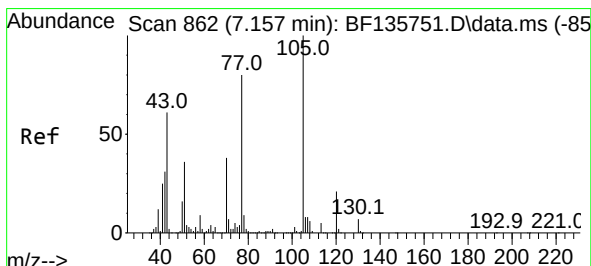
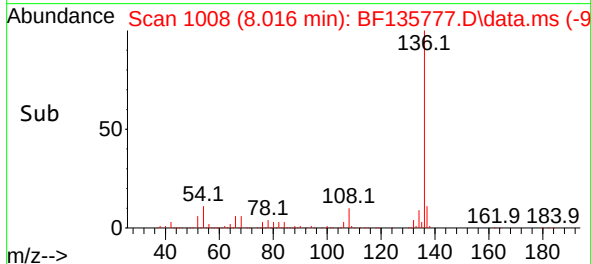
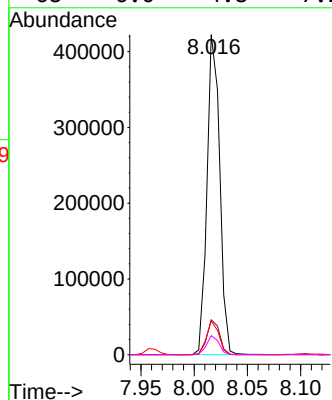


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Instrument :
BNA_F
ClientSampleId :
RT-2327MS

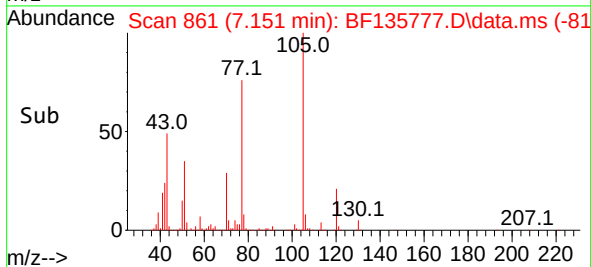
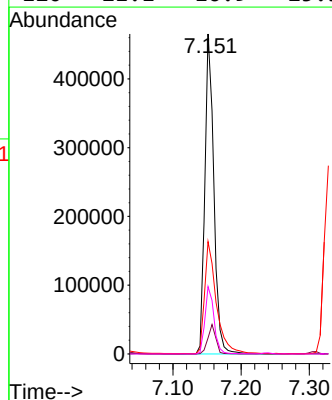
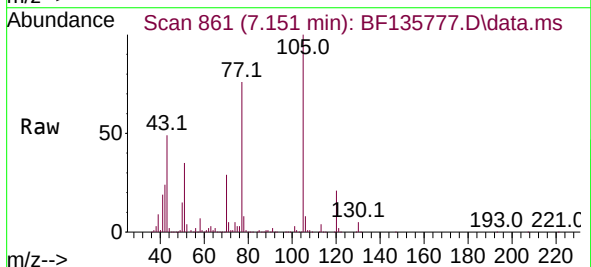


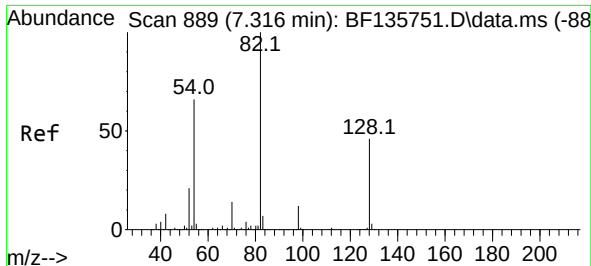
Tgt Ion:136 Resp: 352215
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 8.5 12.7
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 52.914 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:105 Resp: 427428
Ion Ratio Lower Upper
105 100
71 5.0 5.4 8.0#
51 35.1 29.4 44.0
120 21.1 16.9 25.3





#23

Nitrobenzene-d5

Concen: 65.126 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

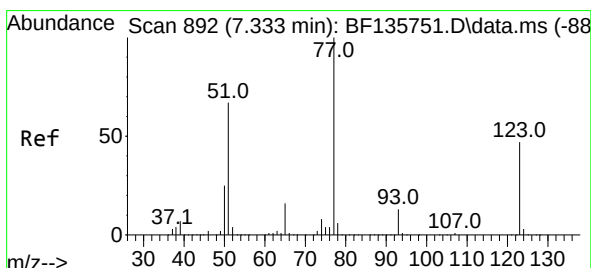
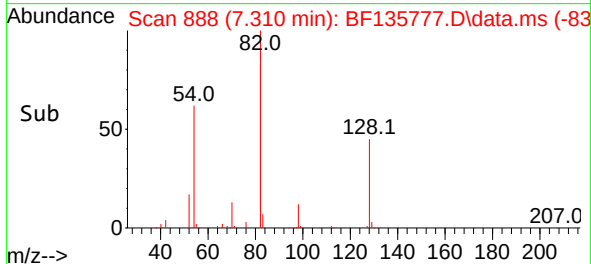
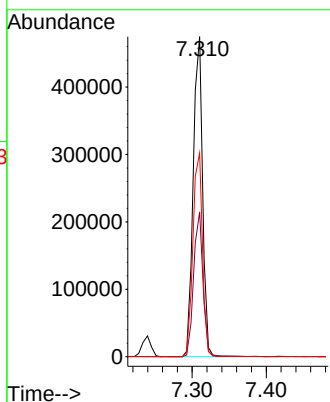
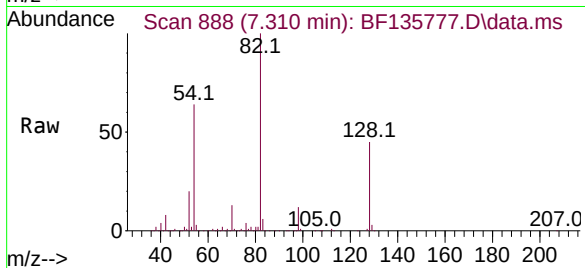
Tgt Ion: 82 Resp: 417065

Ion Ratio Lower Upper

82 100

128 45.3 37.0 55.6

54 63.7 52.8 79.2



#24

Nitrobenzene

Concen: 50.400 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

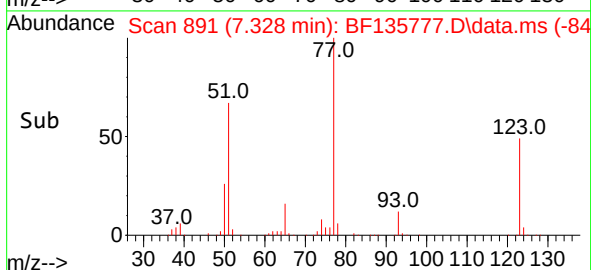
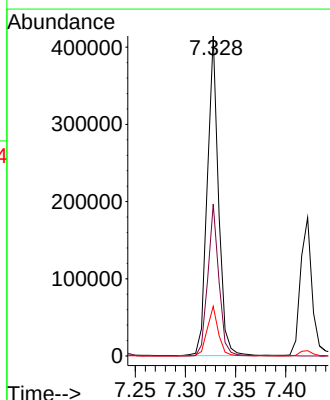
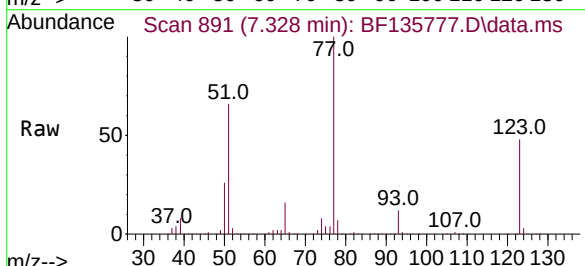
Tgt Ion: 77 Resp: 323931

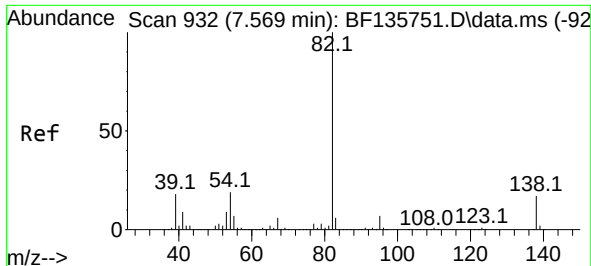
Ion Ratio Lower Upper

77 100

123 47.5 37.3 55.9

65 15.5 12.6 18.8

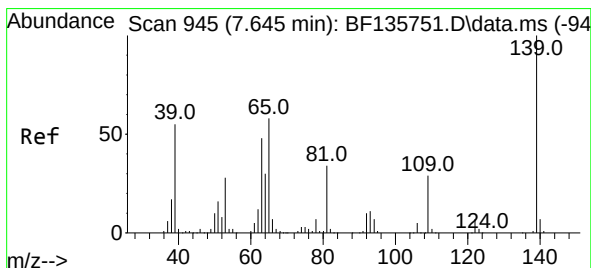
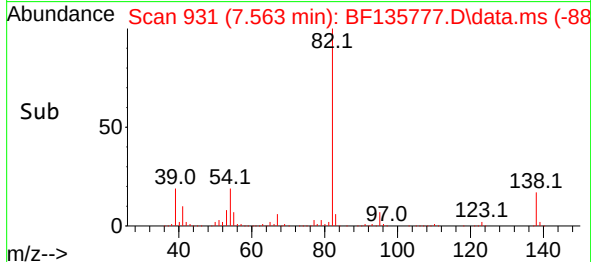
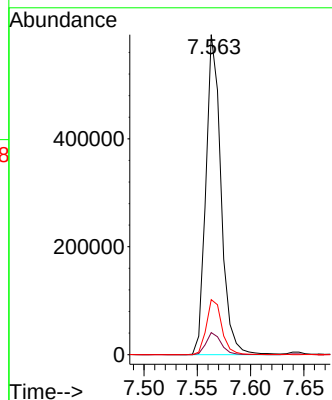
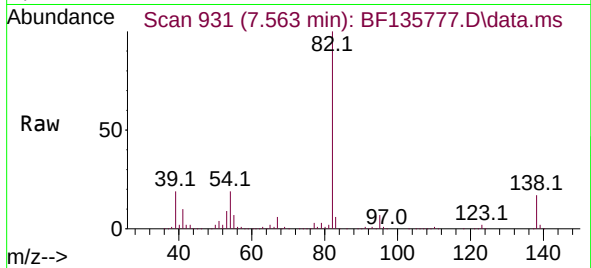




#25
Isophorone
Concen: 48.767 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

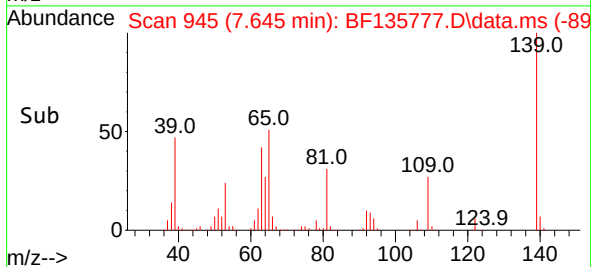
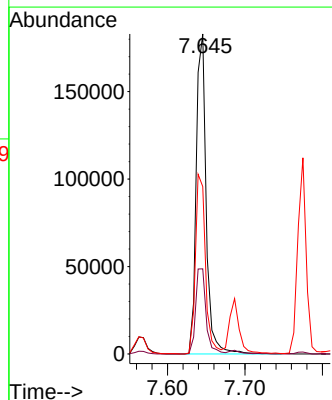
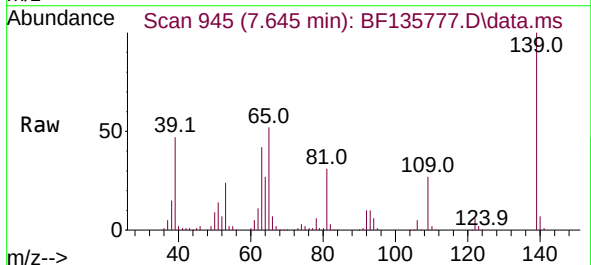
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

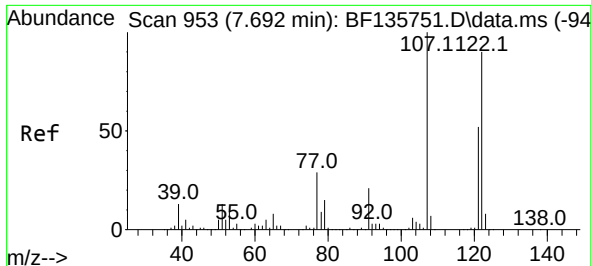
Tgt Ion: 82 Resp: 589188
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 13.9 20.9



#26
2-Nitrophenol
Concen: 52.212 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:139 Resp: 163768
Ion Ratio Lower Upper
139 100
109 26.6 23.0 34.4
65 52.3 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 46.085 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

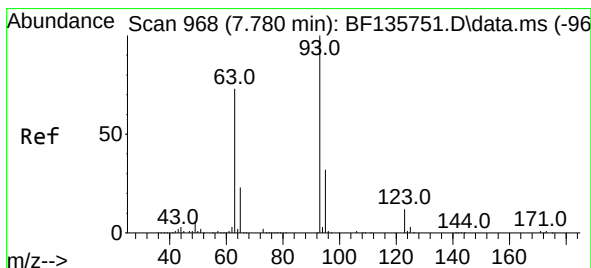
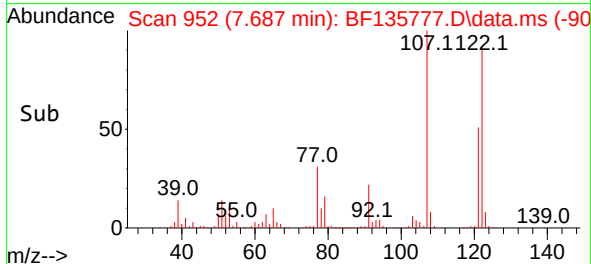
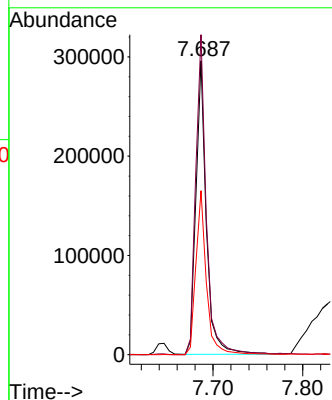
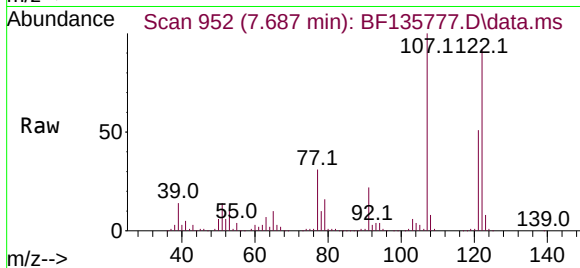
Tgt Ion:122 Resp: 237962

Ion Ratio Lower Upper

122 100

107 108.9 88.2 132.4

121 55.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.384 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

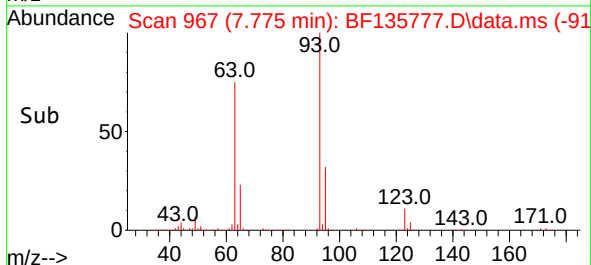
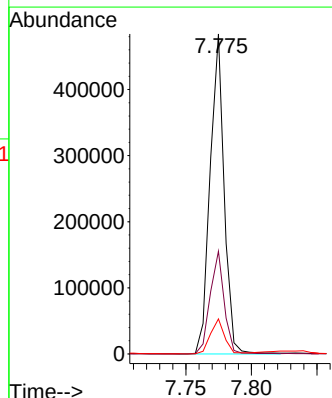
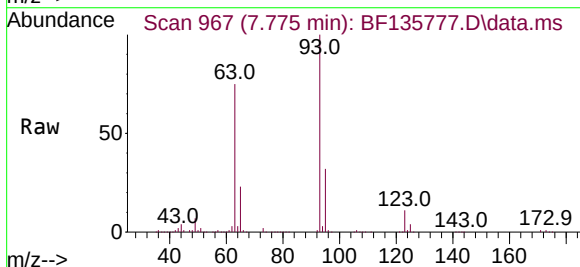
Tgt Ion: 93 Resp: 362514

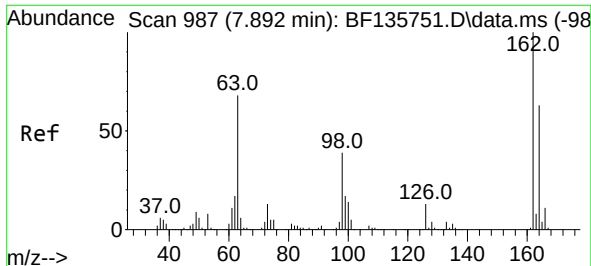
Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

123 11.0 9.4 14.0

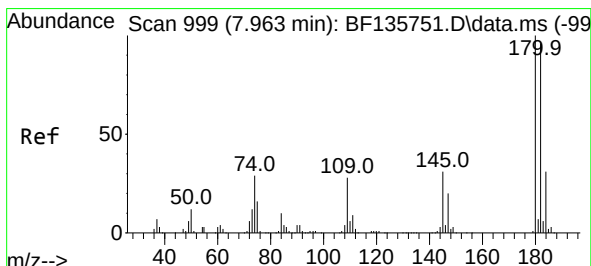
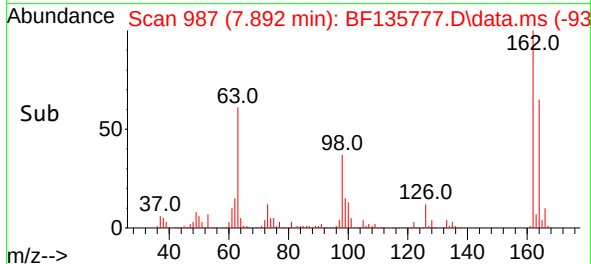
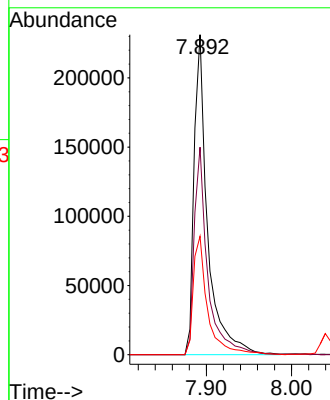
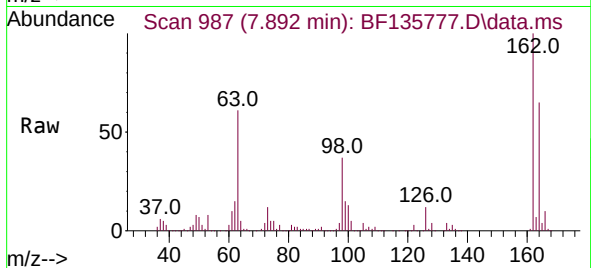




#29
2,4-Dichlorophenol
Concen: 52.694 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

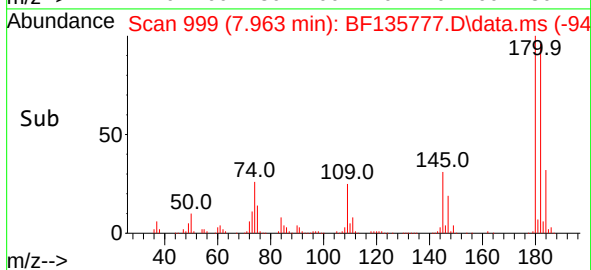
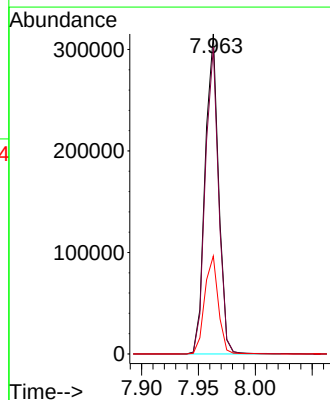
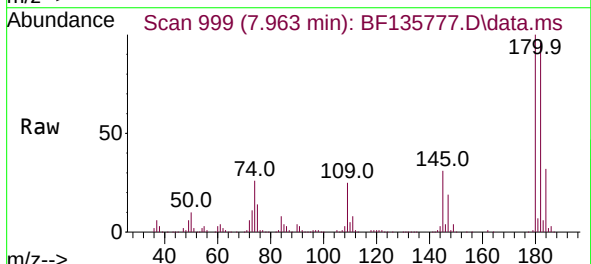
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

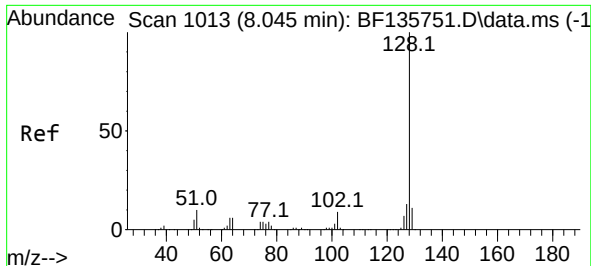
Tgt Ion:	162	Resp:	254980
Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.4	83.4
98	37.0	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 52.276 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:	180	Resp:	258723
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	30.6	25.0	37.6

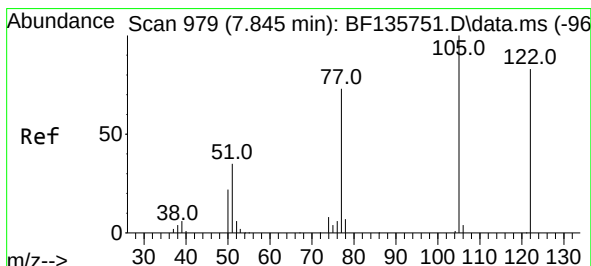
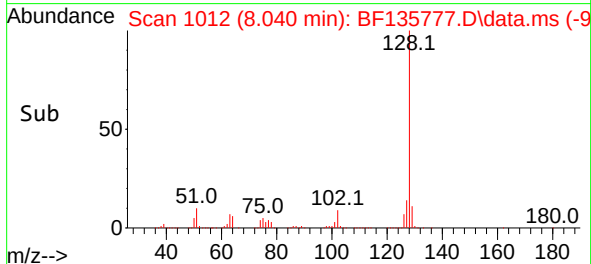
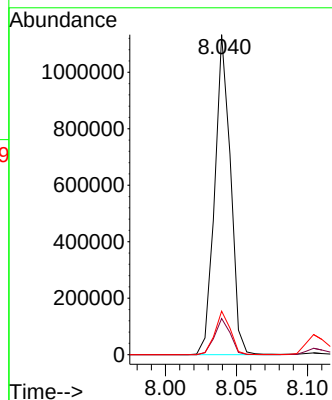
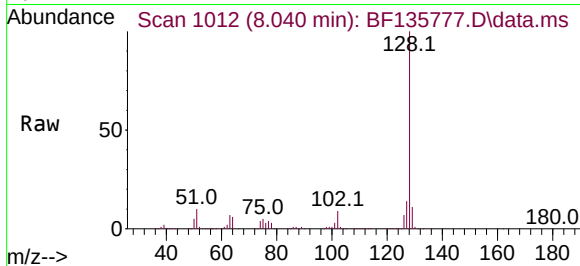




#31
Naphthalene
Concen: 51.060 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

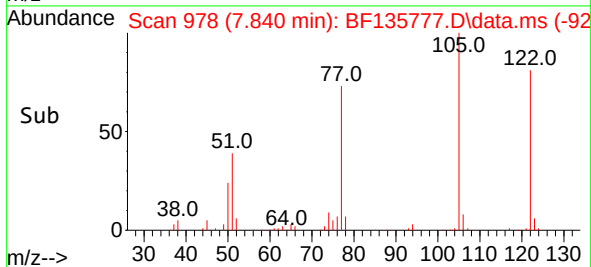
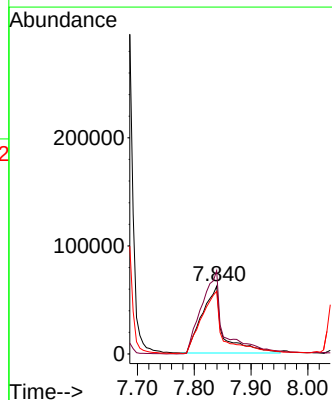
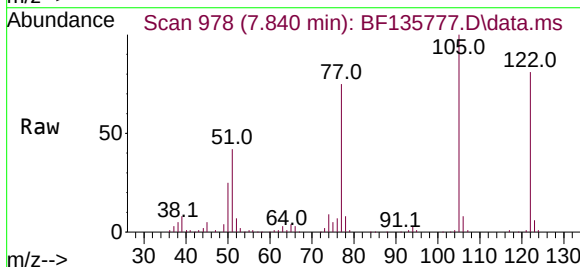
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

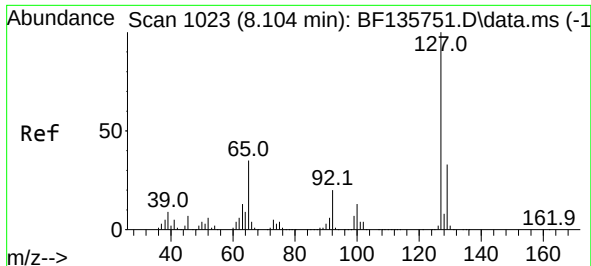
Tgt Ion:128 Resp: 877190
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.2 15.4



#32
Benzoic acid
Concen: 46.848 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:122 Resp: 163742
Ion Ratio Lower Upper
122 100
105 122.8 98.7 138.7
77 92.6 67.8 107.8

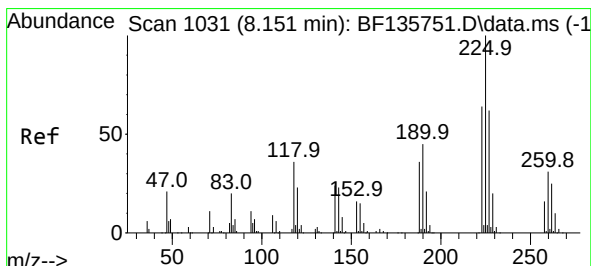
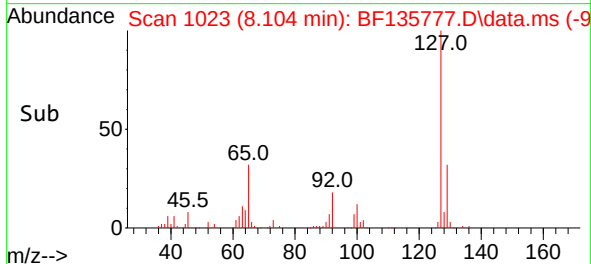
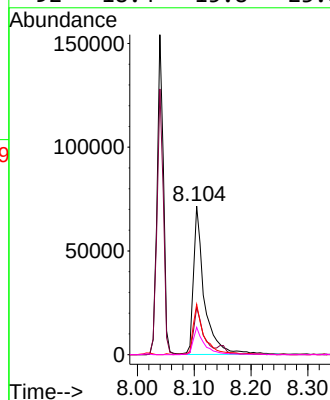
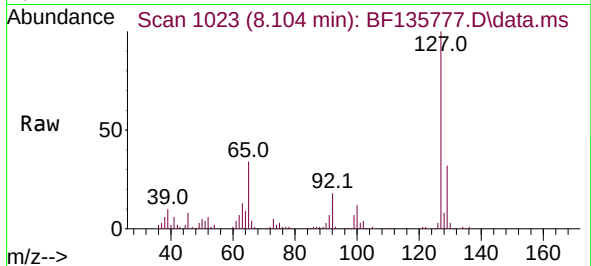




#33
4-Chloroaniline
Concen: 12.665 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

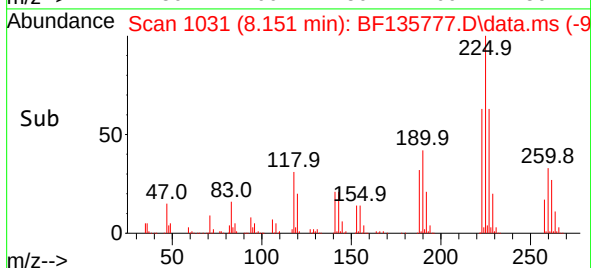
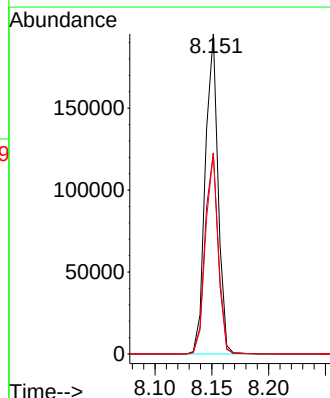
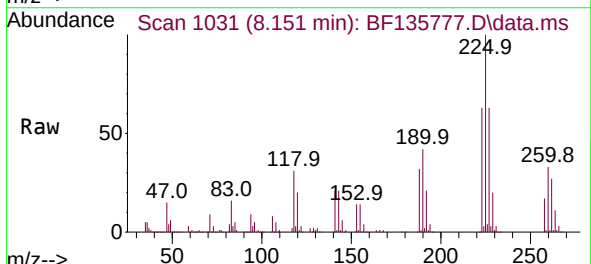
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

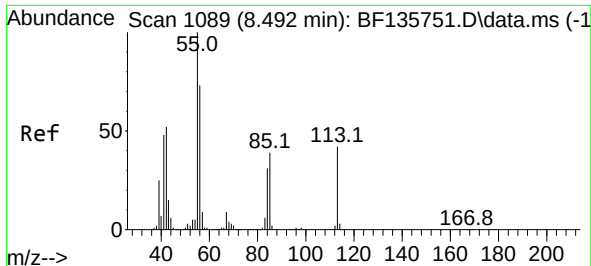
Tgt Ion:	127	Resp:	95045
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.5	39.7
65	33.9	27.9	41.9
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 52.007 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:	225	Resp:	152351
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.1	76.7
227	62.8	49.7	74.5

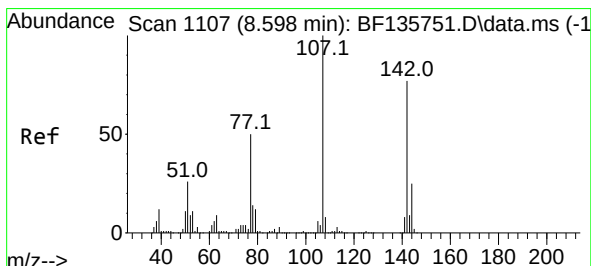
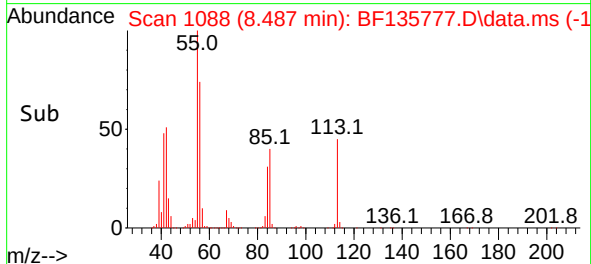
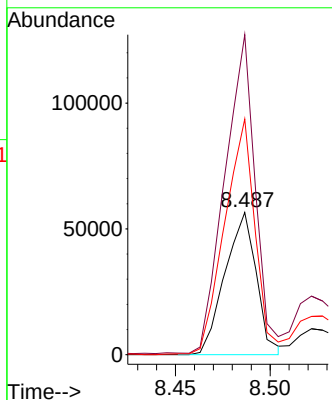
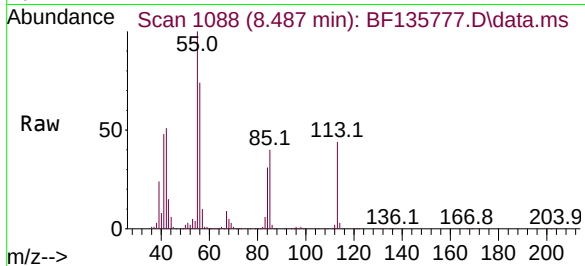




#35
 Caprolactam
 Concen: 39.489 ng
 RT: 8.487 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

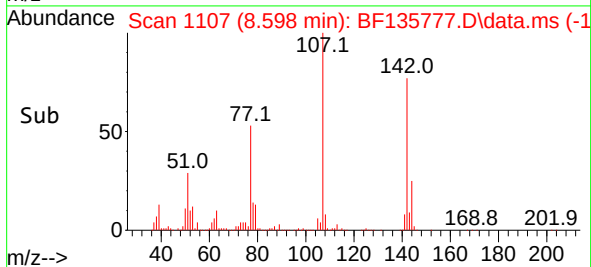
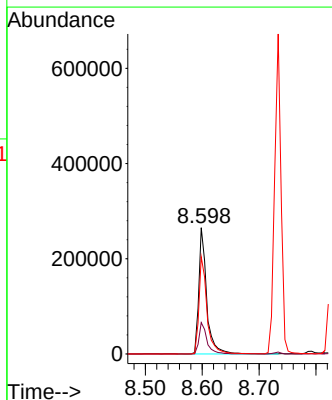
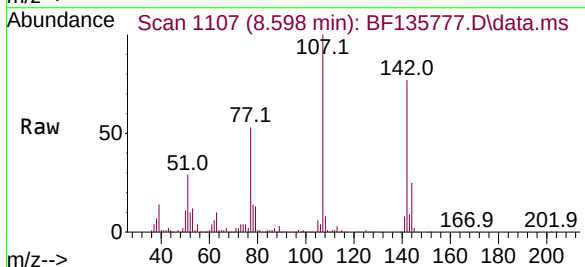
Instrument :
 BNA_F
 ClientSampleId :
 RT-2327MS

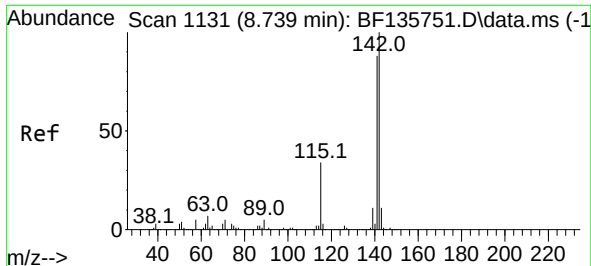
Tgt Ion:113 Resp: 65323
 Ion Ratio Lower Upper
 113 100
 55 224.9 217.4 257.4
 56 165.7 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.048 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

Tgt Ion:107 Resp: 257837
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.8
 142 76.8 61.3 91.9





#37

2-Methylnaphthalene

Concen: 46.323 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

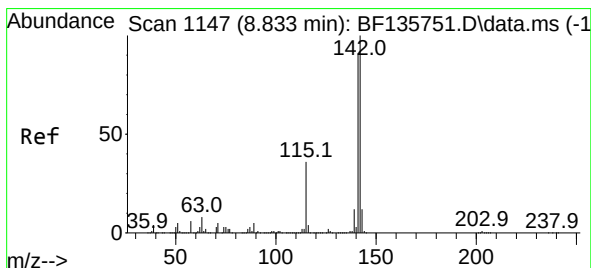
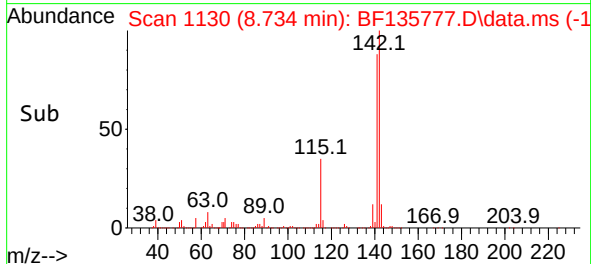
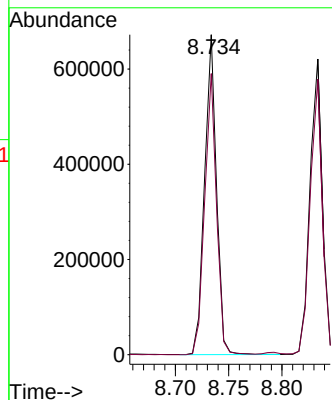
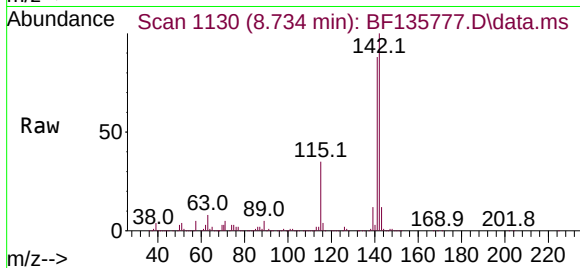
RT-2327MS

Tgt Ion:142 Resp: 524316

Ion Ratio Lower Upper

142 100

141 87.8 70.6 105.8



#38

1-Methylnaphthalene

Concen: 47.593 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135777.D

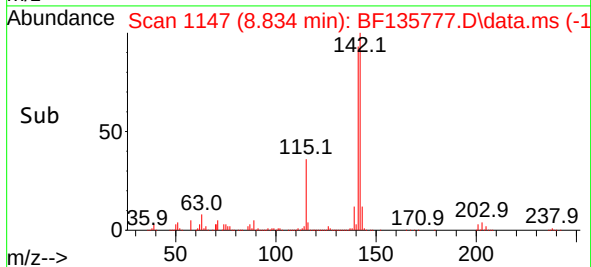
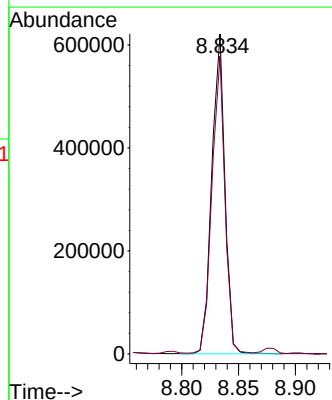
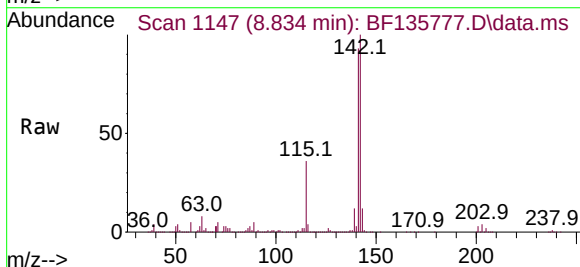
Acq: 16 Oct 2023 15:16

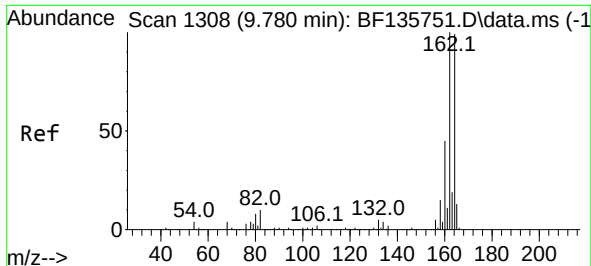
Tgt Ion:142 Resp: 496854

Ion Ratio Lower Upper

142 100

141 93.1 72.7 109.1

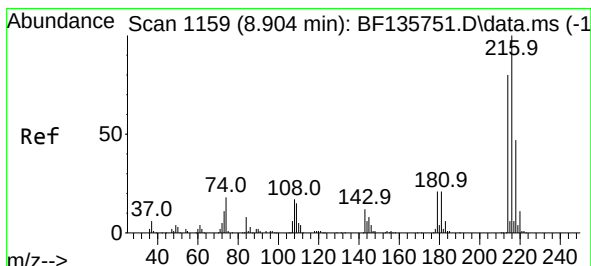
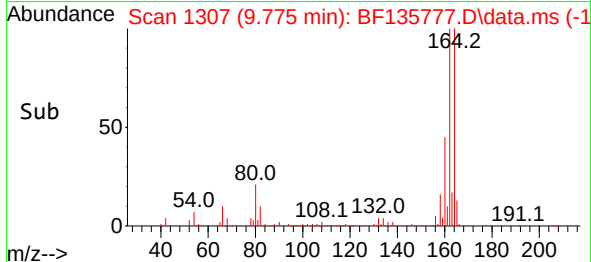
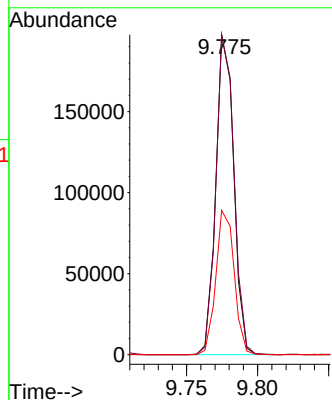
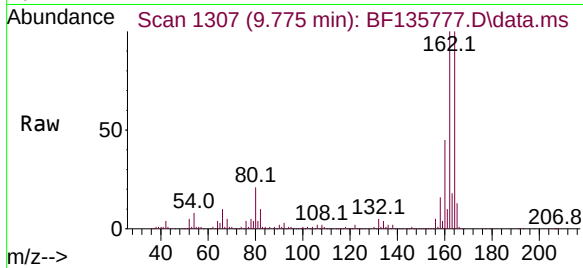




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

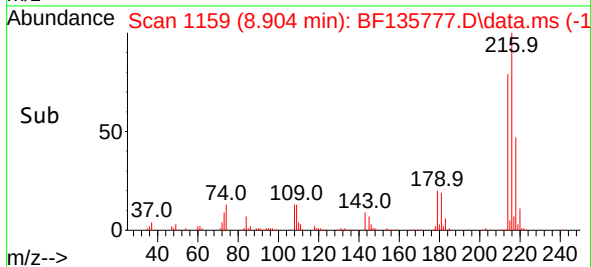
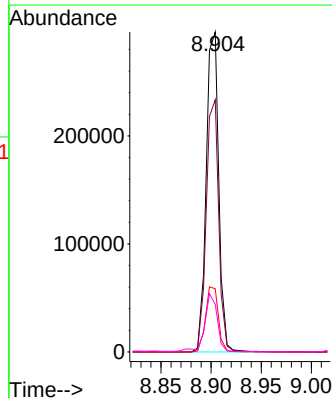
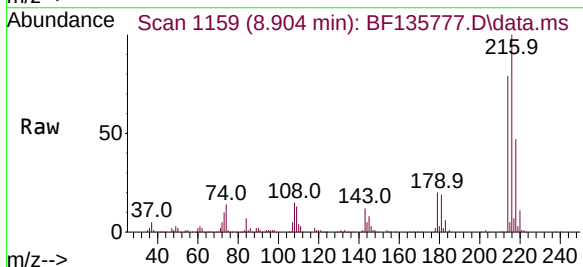
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

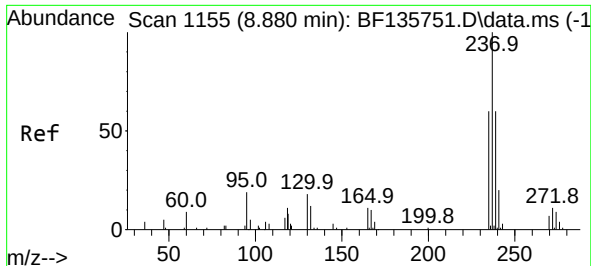
Tgt Ion:164 Resp: 172581
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 45.2 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.042 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:216 Resp: 258357
Ion Ratio Lower Upper
216 100
214 78.8 64.0 96.0
179 20.9 16.9 25.3
108 18.2 14.4 21.6

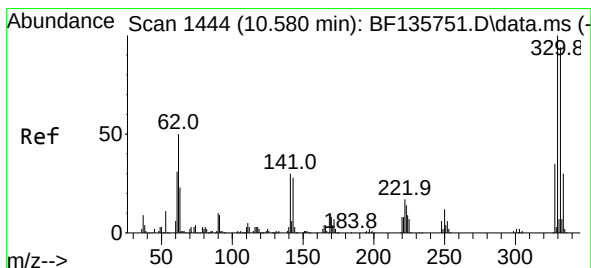
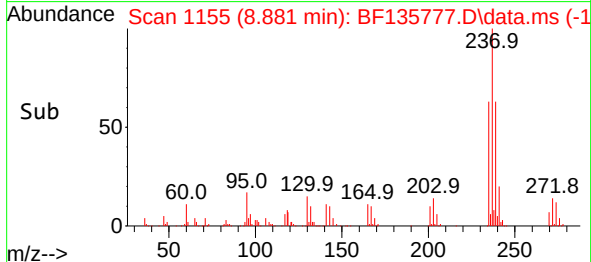
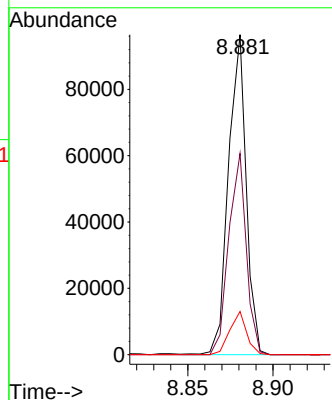
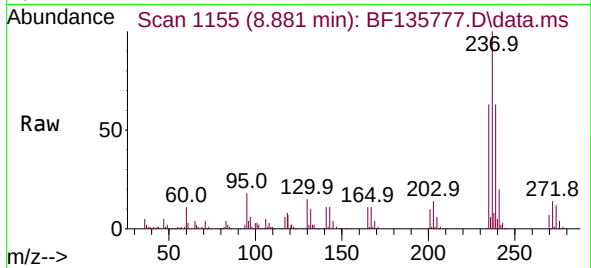




#41
Hexachlorocyclopentadiene
Concen: 73.321 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

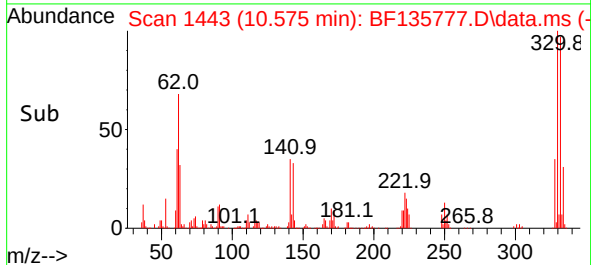
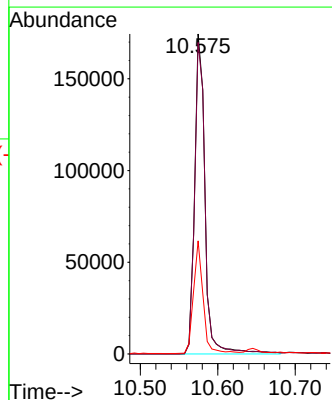
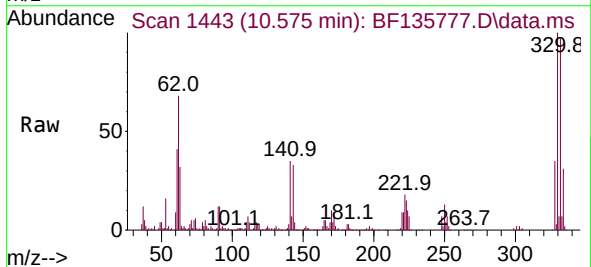
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

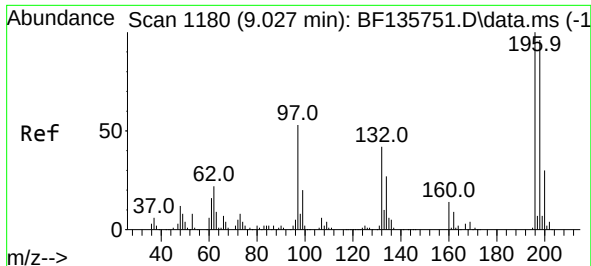
Tgt Ion:237 Resp: 69550
Ion Ratio Lower Upper
237 100
235 62.9 40.0 80.0
272 13.5 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 97.948 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:330 Resp: 162207
Ion Ratio Lower Upper
330 100
332 98.9 75.0 112.4
141 32.9 25.8 38.6

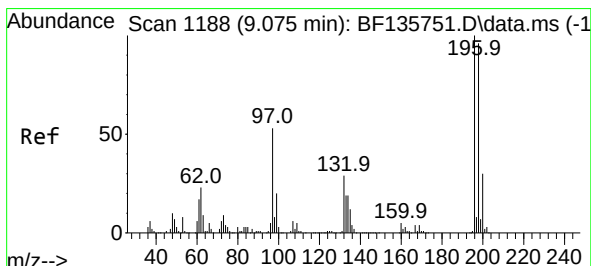
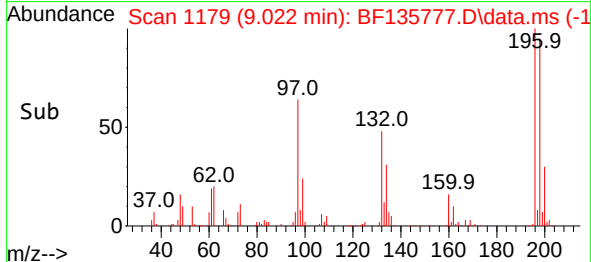
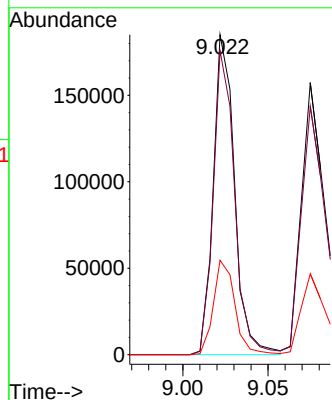
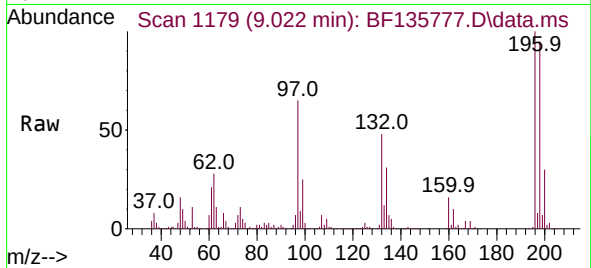




#43
2,4,6-Trichlorophenol
Concen: 50.222 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

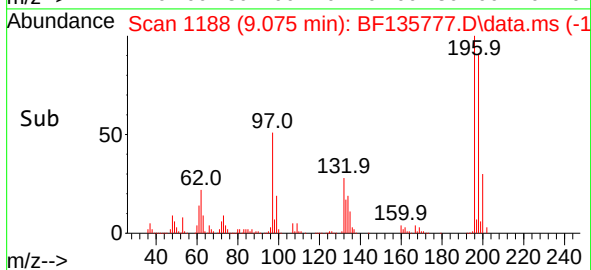
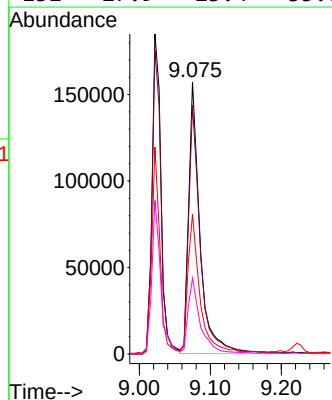
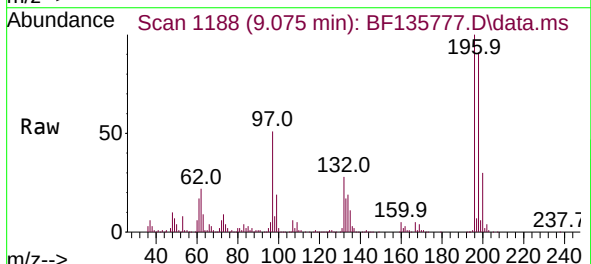
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

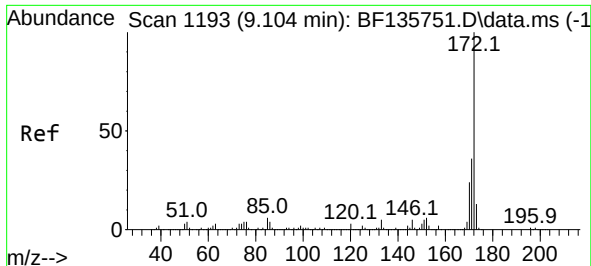
Tgt Ion:196 Resp: 160663
Ion Ratio Lower Upper
196 100
198 95.0 76.7 115.1
200 29.5 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 46.937 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:196 Resp: 174646
Ion Ratio Lower Upper
196 100
198 91.4 77.0 115.6
97 51.4 42.2 63.2
132 27.9 23.4 35.0

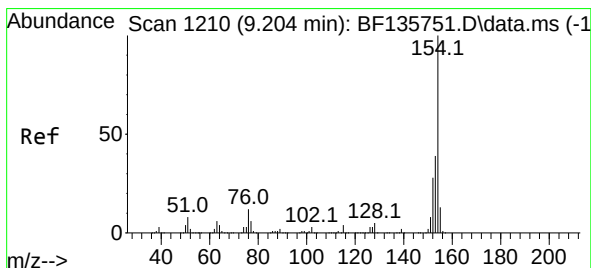
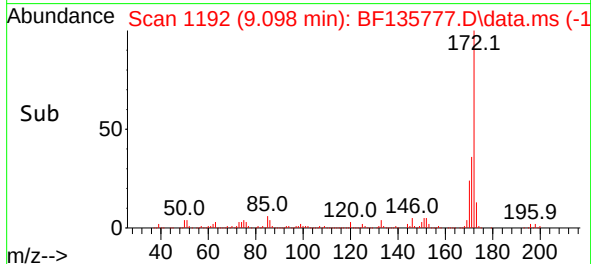
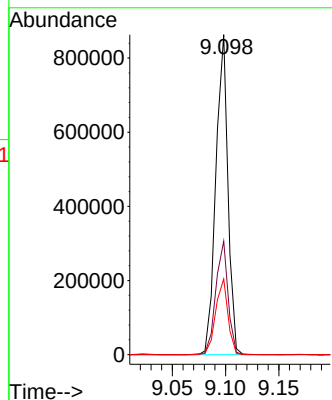
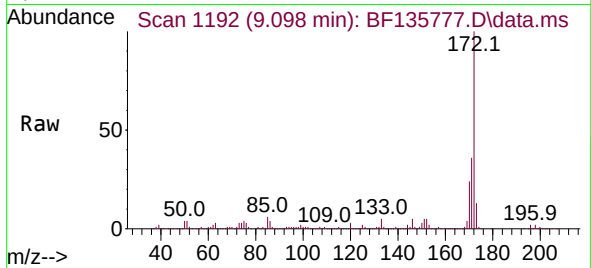




#45
2-Fluorobiphenyl
Concen: 61.835 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

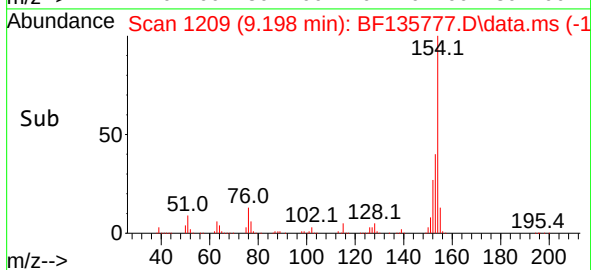
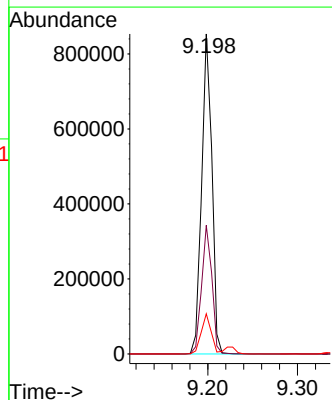
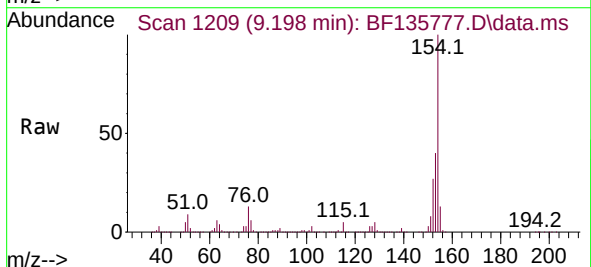
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

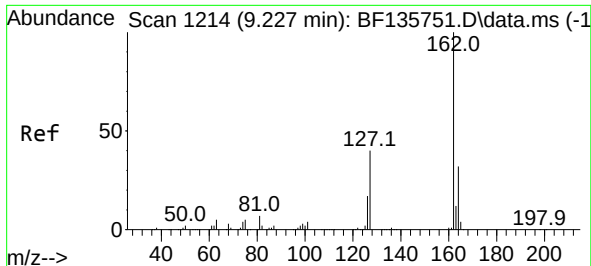
Tgt Ion:172 Resp: 682535
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 51.054 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:154 Resp: 674935
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 12.6 0.0 31.7

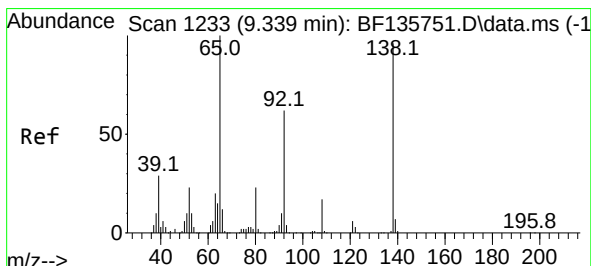
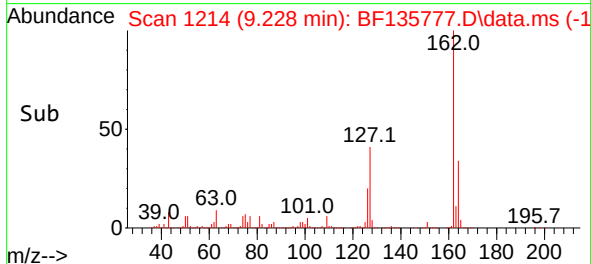
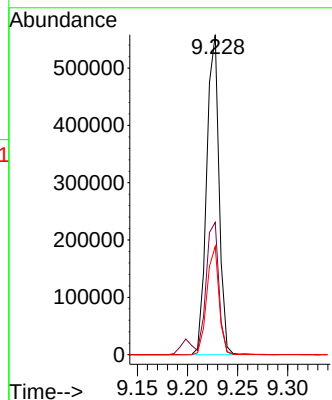
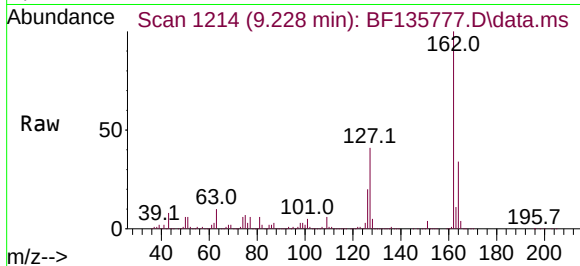




#47
2-Chloronaphthalene
Concen: 50.751 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

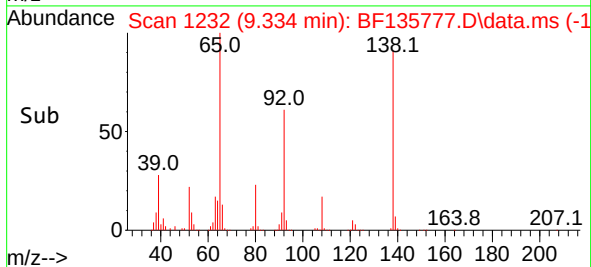
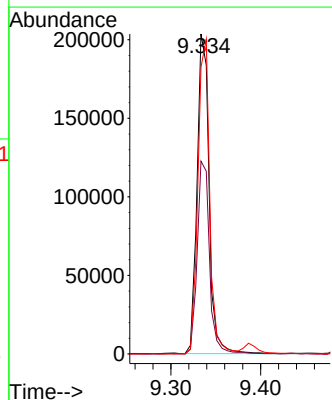
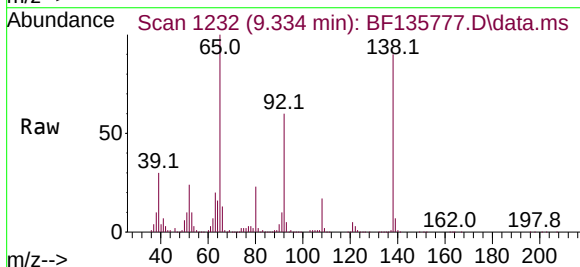
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

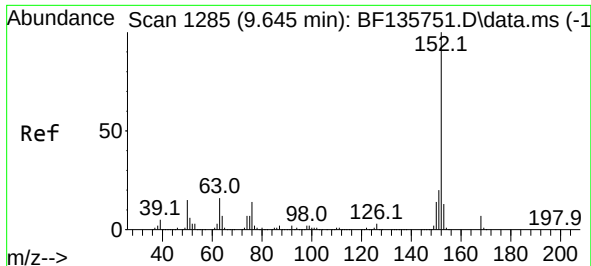
Tgt Ion:162 Resp: 483535
Ion Ratio Lower Upper
162 100
127 41.4 34.7 52.1
164 33.9 25.6 38.4



#48
2-Nitroaniline
Concen: 50.233 ng
RT: 9.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion: 65 Resp: 188913
Ion Ratio Lower Upper
65 100
92 60.2 49.4 74.0
138 89.6 76.6 114.8

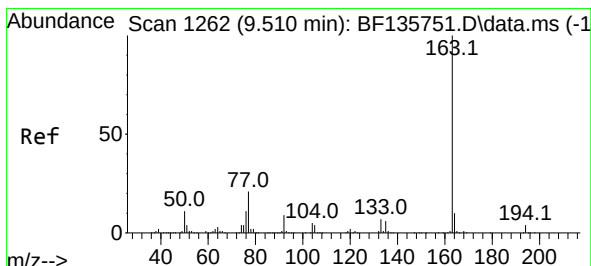
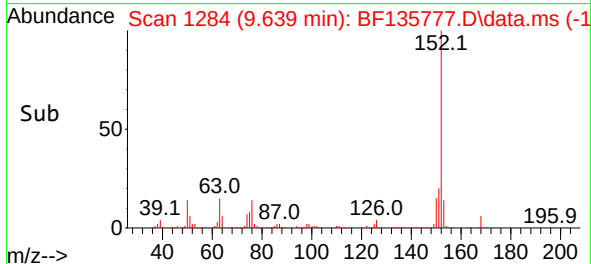
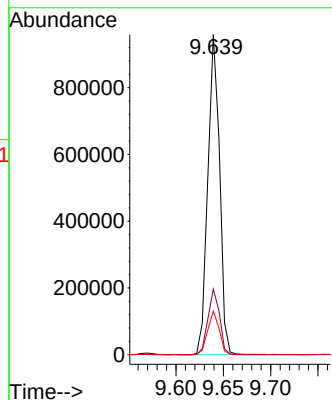
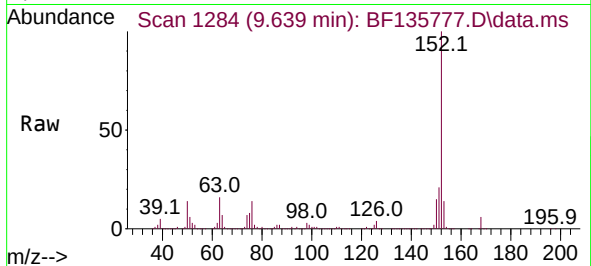




#49
Acenaphthylene
Concen: 52.456 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

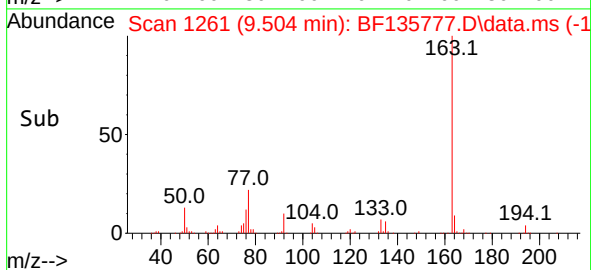
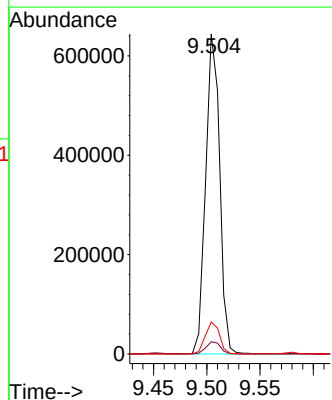
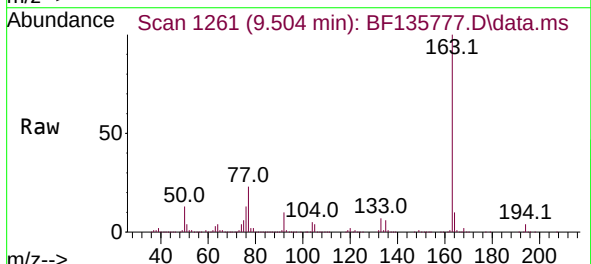
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

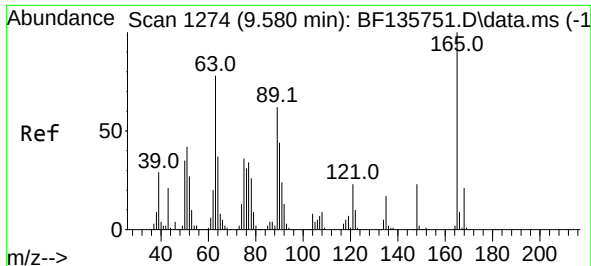
Tgt Ion:152 Resp: 827083
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.7 10.2 15.4



#50
Dimethylphthalate
Concen: 50.759 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:163 Resp: 591365
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 7.9 11.9

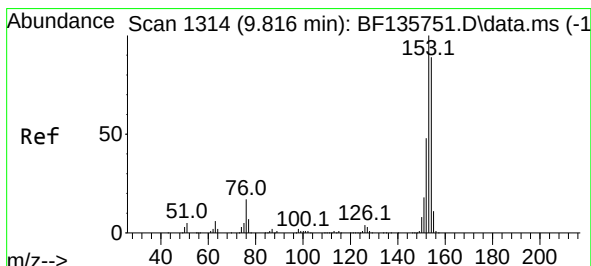
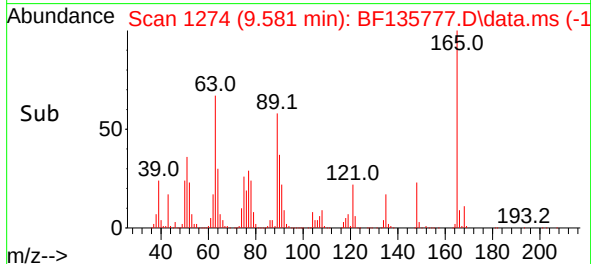
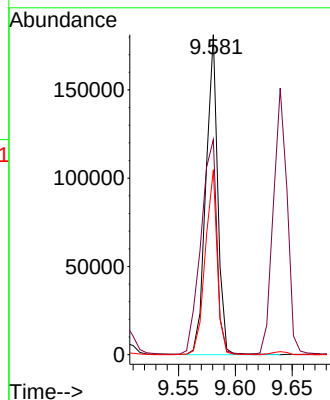
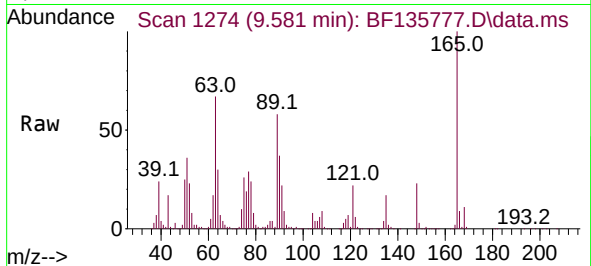




#51
2,6-Dinitrotoluene
Concen: 52.320 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

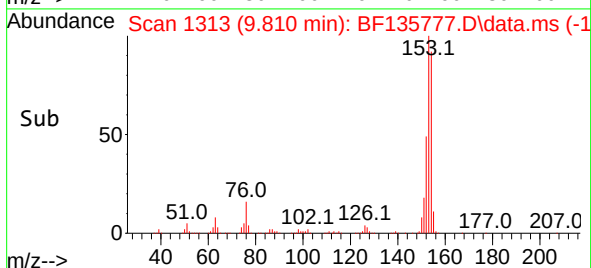
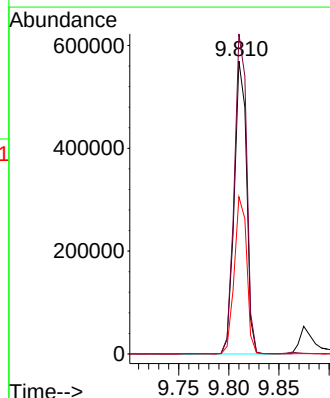
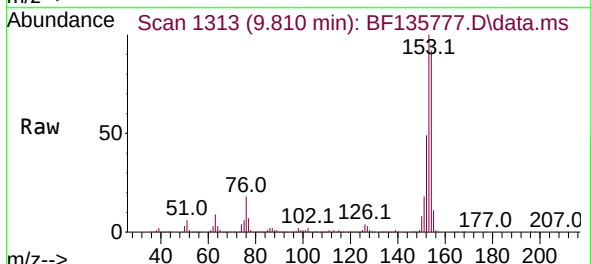
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

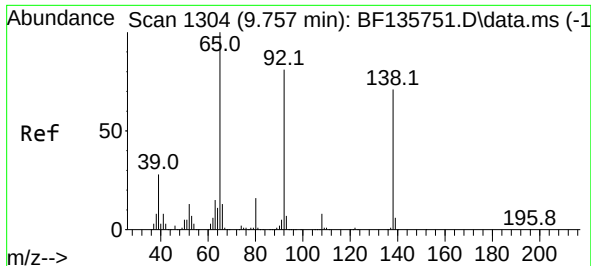
Tgt Ion:165 Resp: 131080
Ion Ratio Lower Upper
165 100
63 67.2 62.2 93.4
89 57.8 49.6 74.4



#52
Acenaphthene
Concen: 51.728 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:154 Resp: 488858
Ion Ratio Lower Upper
154 100
153 109.2 90.1 135.1
152 53.6 43.1 64.7

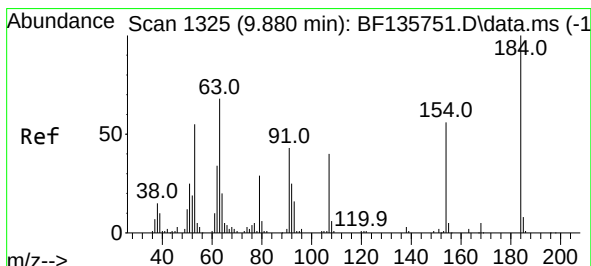
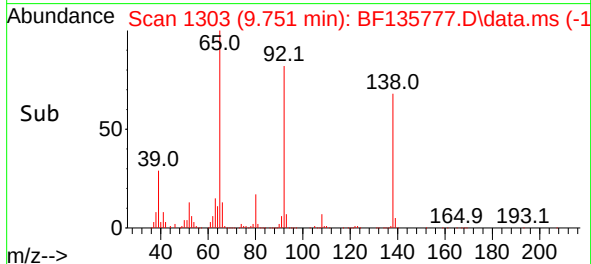
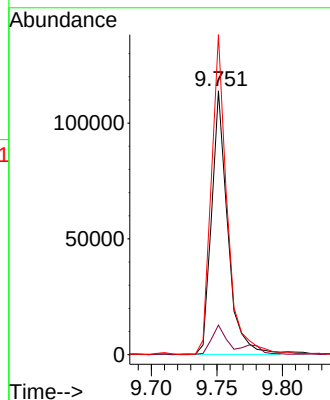
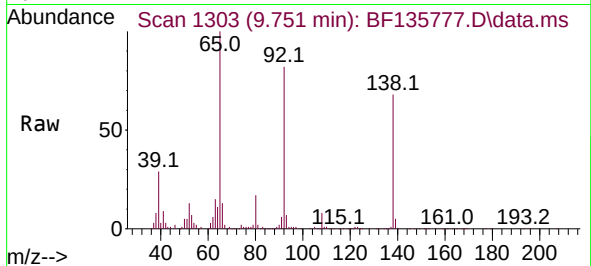




#53
3-Nitroaniline
Concen: 31.526 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

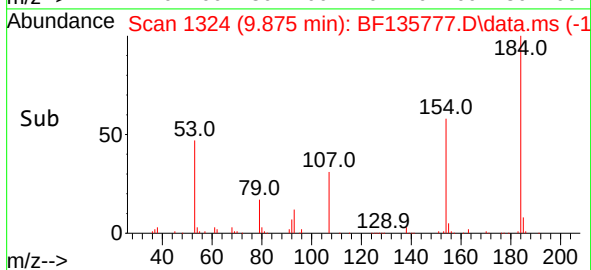
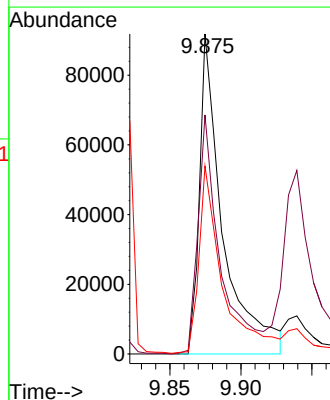
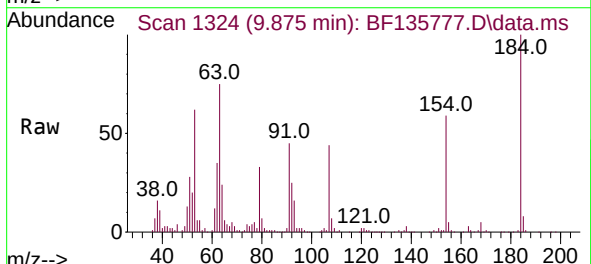
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

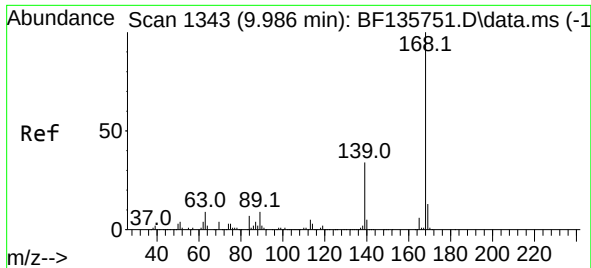
Tgt Ion:138 Resp: 96823
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 121.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 100.543 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:184 Resp: 105148
Ion Ratio Lower Upper
184 100
63 74.7 54.6 81.8
154 58.7 45.0 67.4

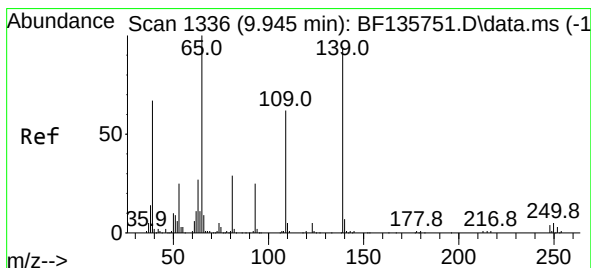
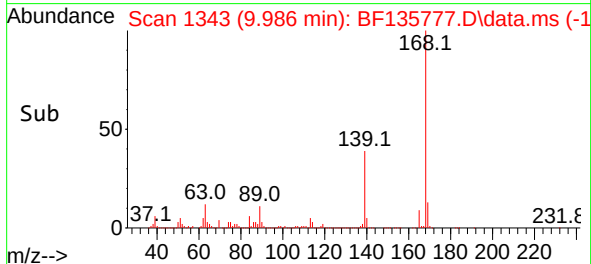
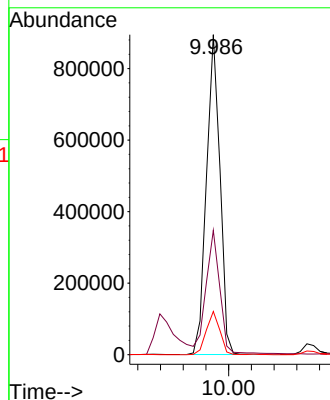
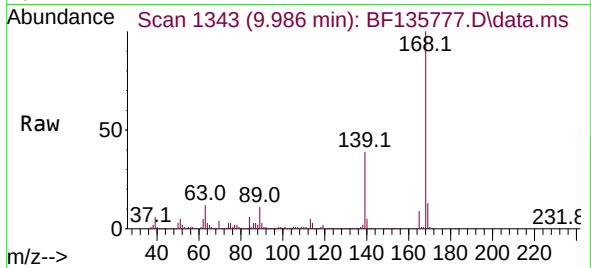




#55
Dibenzenofuran
Concen: 51.517 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

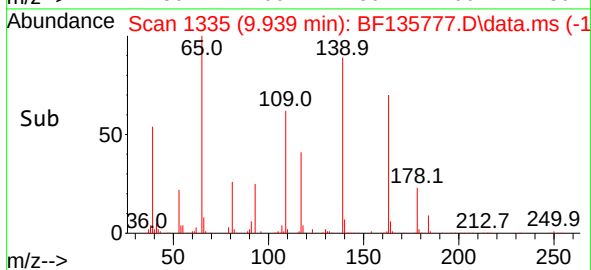
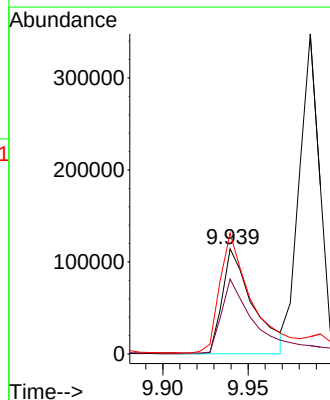
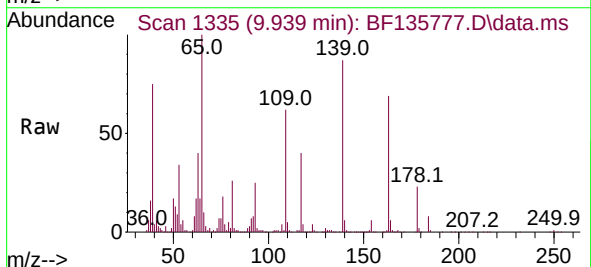
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

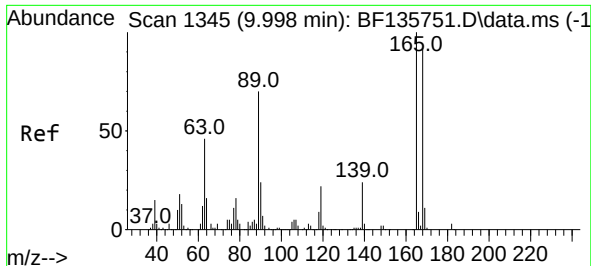
Tgt Ion:168 Resp: 734602
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 99.369 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:139 Resp: 141839
Ion Ratio Lower Upper
139 100
109 71.2 45.6 85.6
65 114.8 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 51.783 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

Tgt Ion:165 Resp: 165049

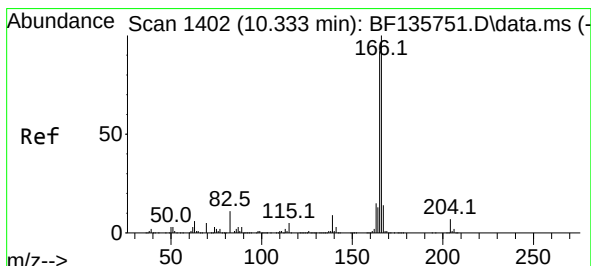
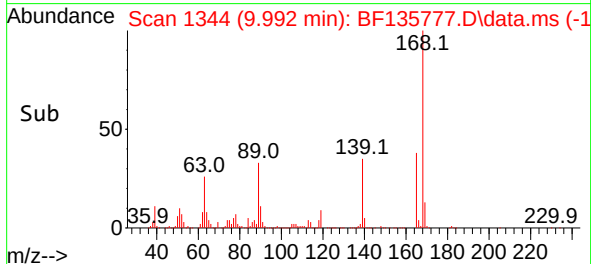
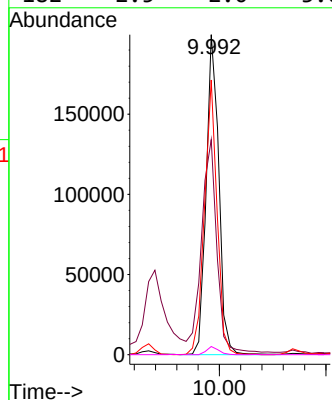
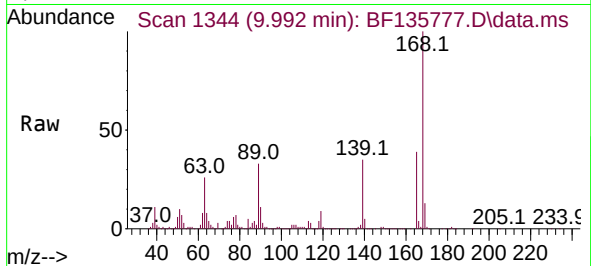
Ion Ratio Lower Upper

165 100

63 67.2 39.0 58.4#

89 85.9 55.9 83.9#

182 2.5 2.0 3.0



#58

Fluorene

Concen: 52.127 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

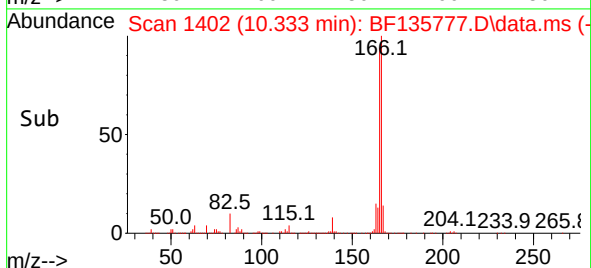
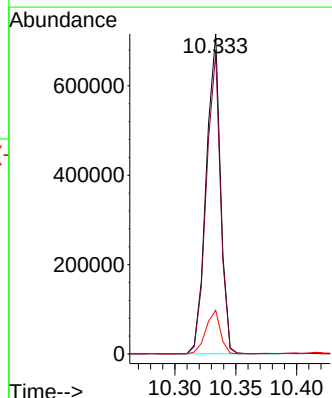
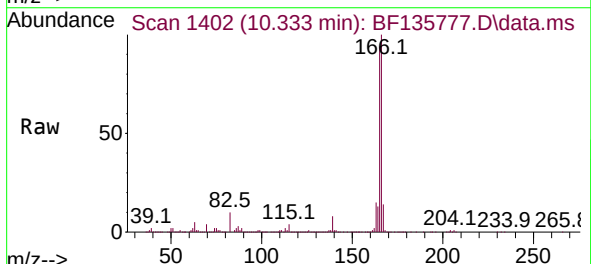
Tgt Ion:166 Resp: 581917

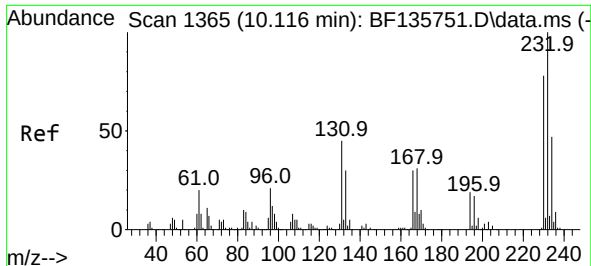
Ion Ratio Lower Upper

166 100

165 94.0 73.4 110.0

167 13.7 11.0 16.6

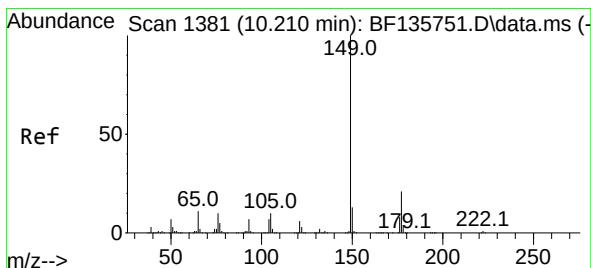
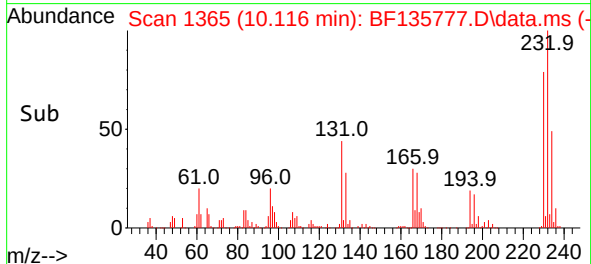
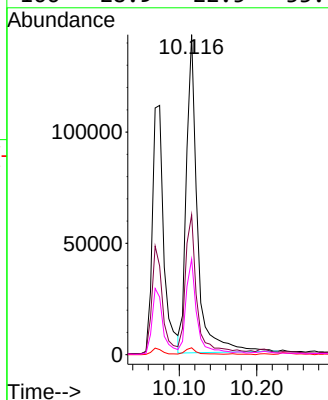
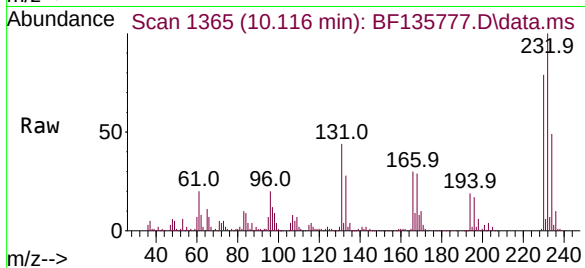




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.386 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

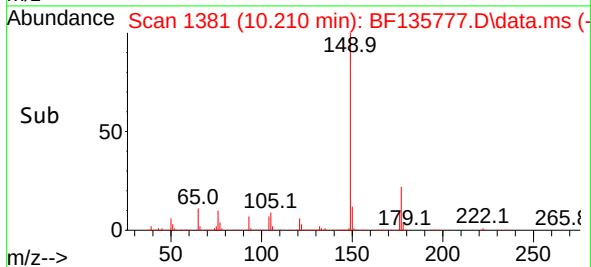
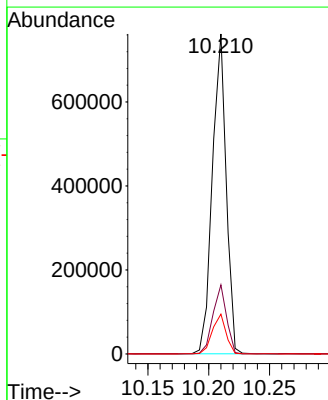
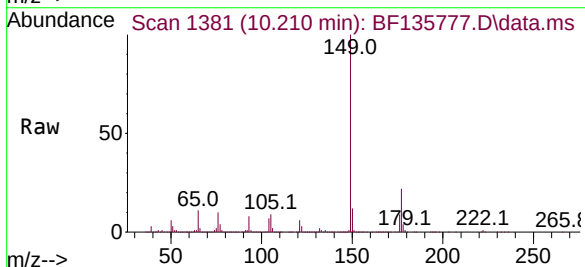
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

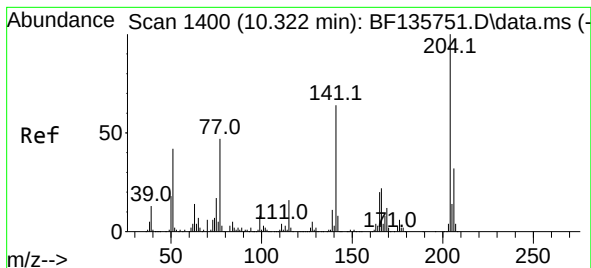
Tgt Ion:232 Resp: 141682
Ion Ratio Lower Upper
232 100
131 43.0 35.8 53.6
130 2.4 1.9 2.9
166 28.9 22.5 33.7



#60
Diethylphthalate
Concen: 50.440 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:149 Resp: 599924
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 10.2 15.2

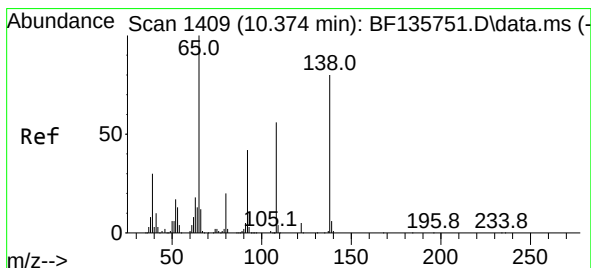
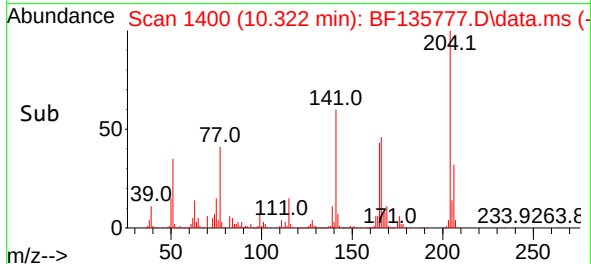
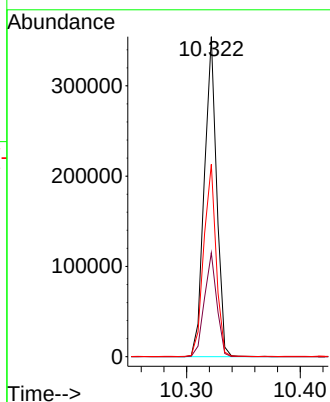
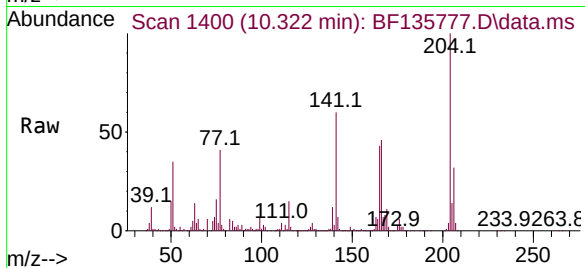




#61
4-Chlorophenyl-phenylether
Concen: 49.477 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

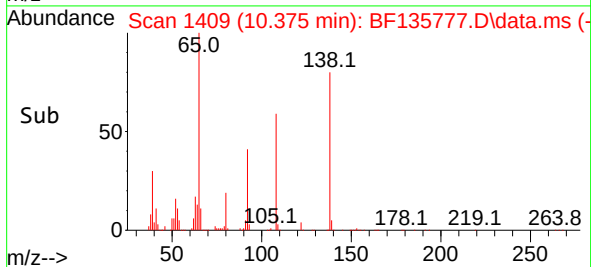
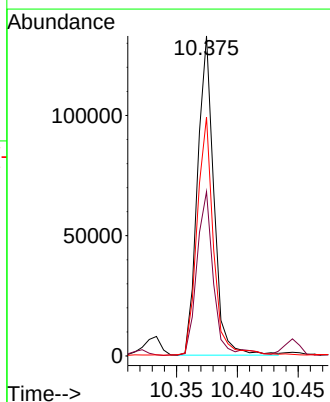
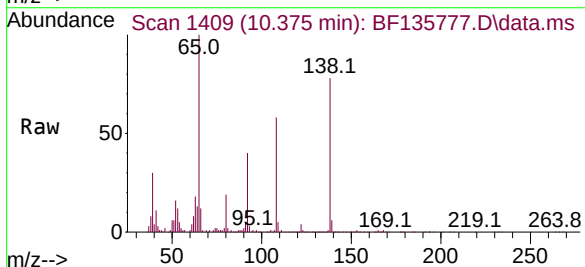
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

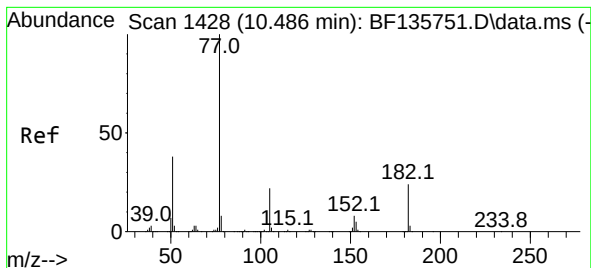
Tgt Ion:204 Resp: 266947
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.1 51.4 77.0



#62
4-Nitroaniline
Concen: 44.040 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:138 Resp: 124446
Ion Ratio Lower Upper
138 100
92 51.3 31.9 71.9
108 74.6 49.7 89.7





#63

Azobenzene

Concen: 49.490 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

Tgt Ion: 77 Resp: 571883

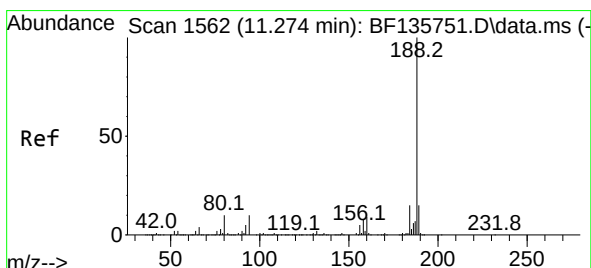
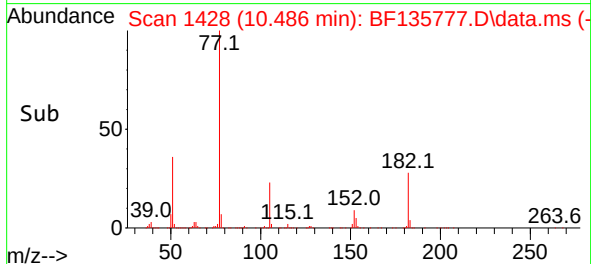
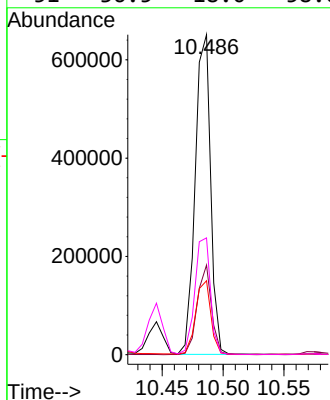
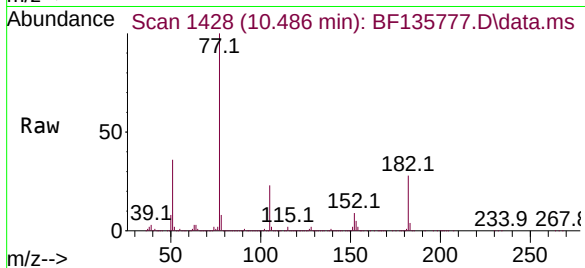
Ion Ratio Lower Upper

77 100

182 28.0 3.5 43.5

105 23.1 2.2 42.2

51 36.5 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

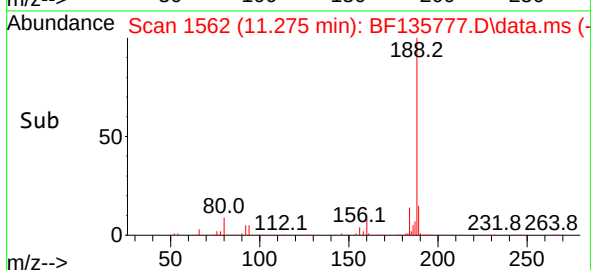
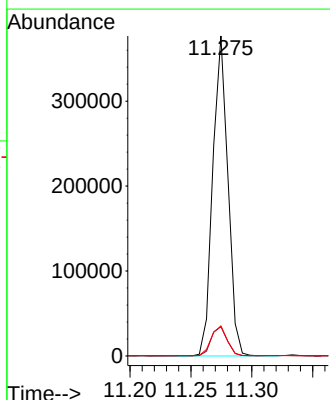
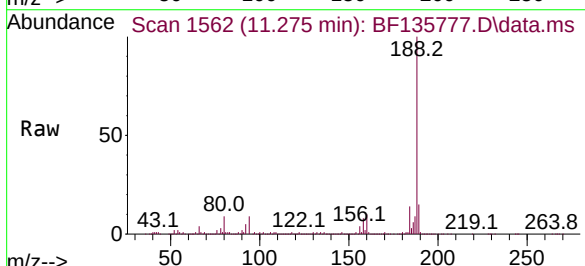
Tgt Ion: 188 Resp: 325125

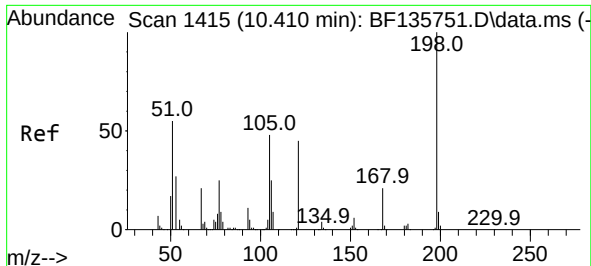
Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.4 8.3 12.5

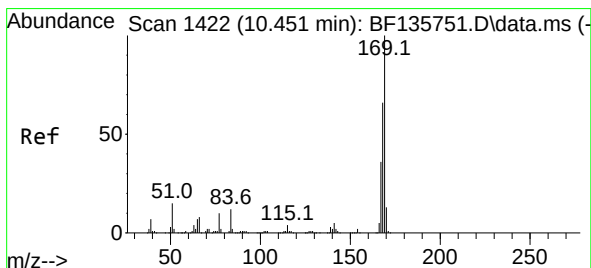
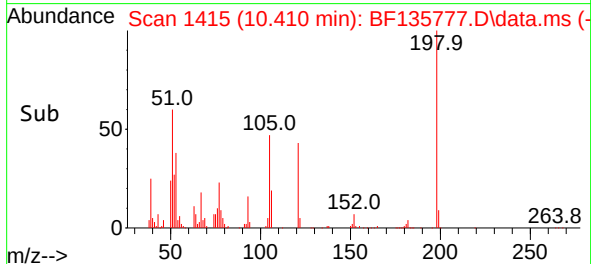
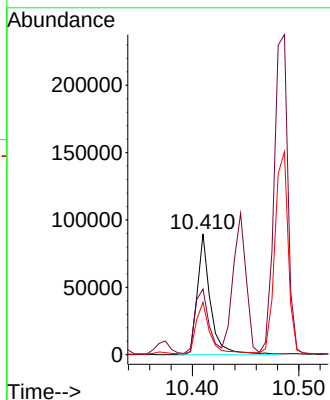
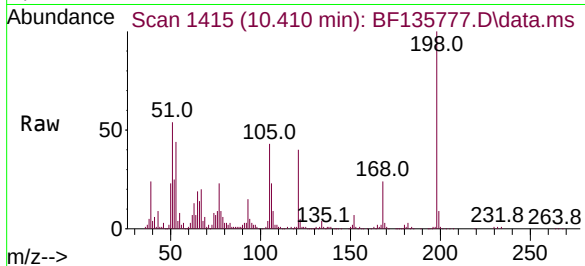




#65
4,6-Dinitro-2-methylphenol
Concen: 46.722 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

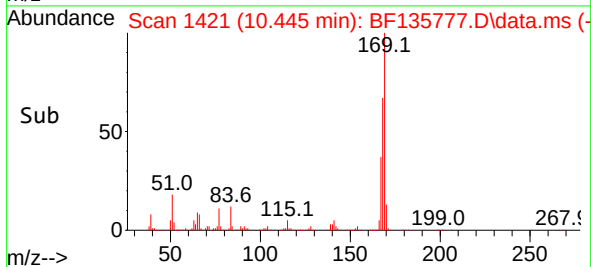
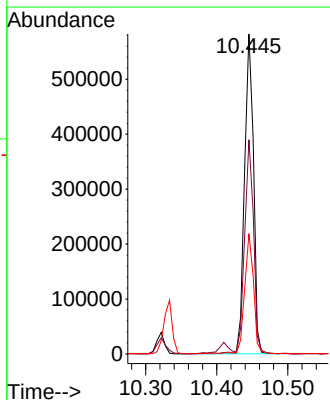
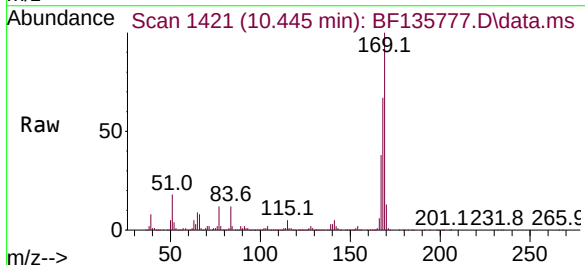
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

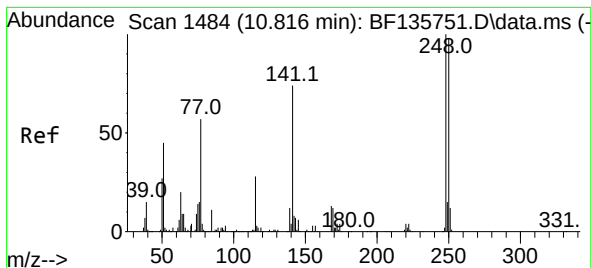
Tgt Ion:198 Resp: 76448
Ion Ratio Lower Upper
198 100
51 54.3 47.6 87.6
105 43.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 51.630 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:169 Resp: 511643
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 37.6 29.2 43.8

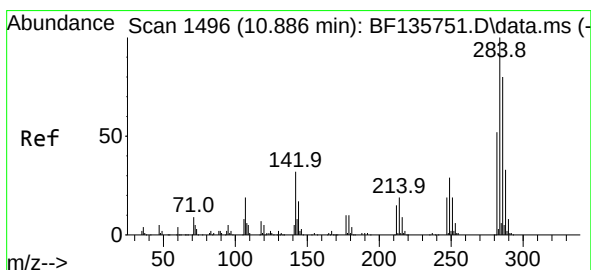
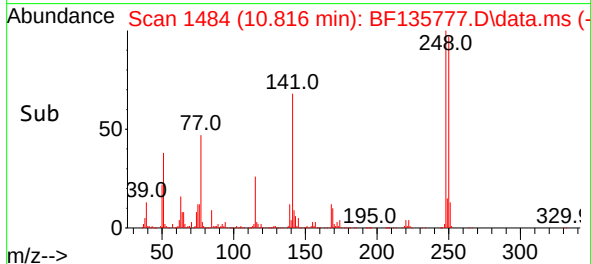
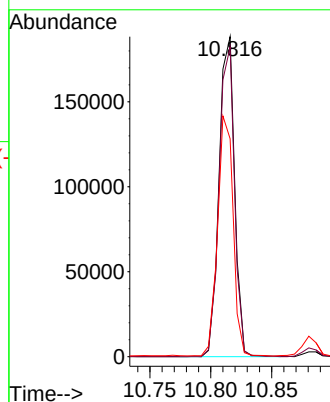
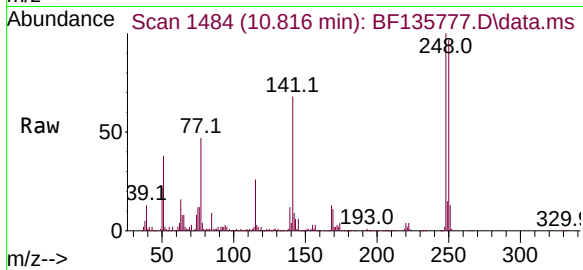




#67
4-Bromophenyl-phenylether
Concen: 51.251 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

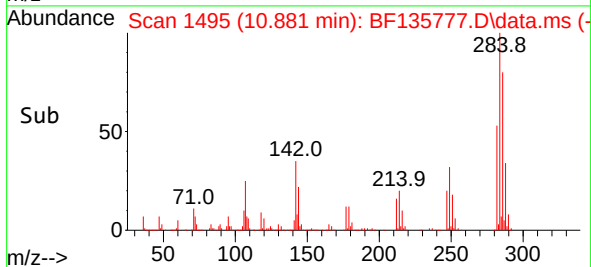
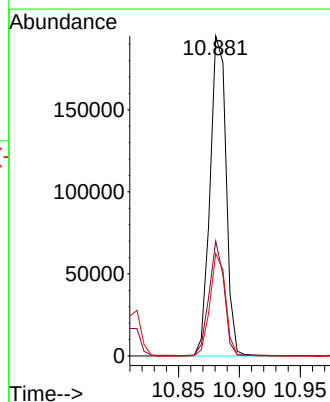
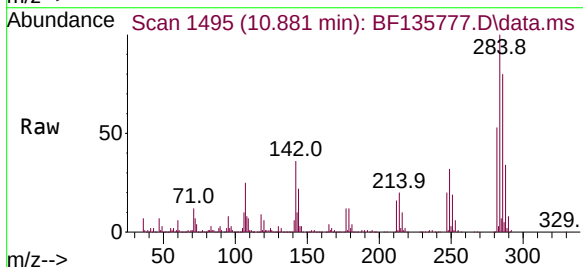
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

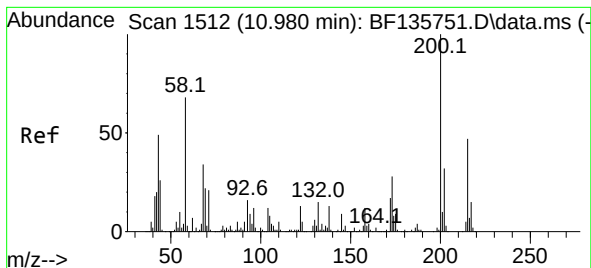
Tgt Ion:248 Resp: 167268
Ion Ratio Lower Upper
248 100
250 96.8 78.0 117.0
141 68.1 59.0 88.6



#68
Hexachlorobenzene
Concen: 53.757 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:284 Resp: 178624
Ion Ratio Lower Upper
284 100
142 35.9 25.3 37.9
249 32.0 23.5 35.3





#69

Atrazine

Concen: 62.006 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

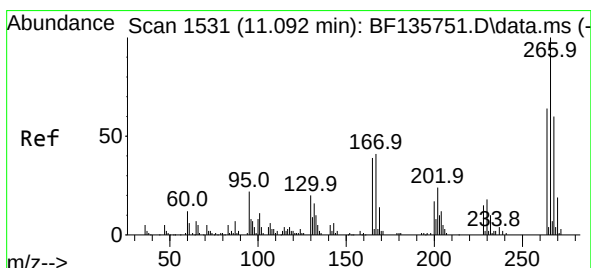
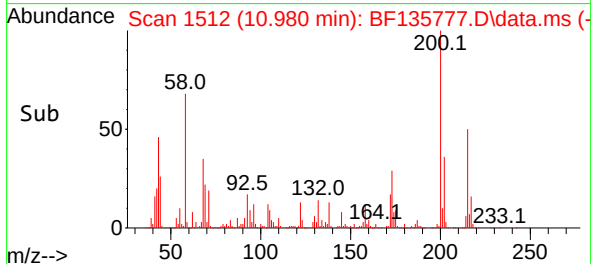
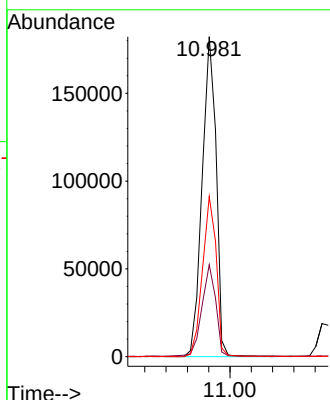
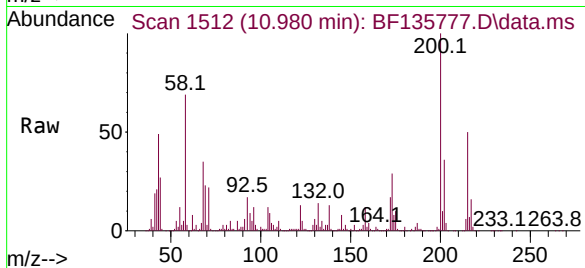
Tgt Ion:200 Resp: 167135

Ion Ratio Lower Upper

200 100

173 28.8 7.6 47.6

215 50.0 27.1 67.1



#70

Pentachlorophenol

Concen: 110.824 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

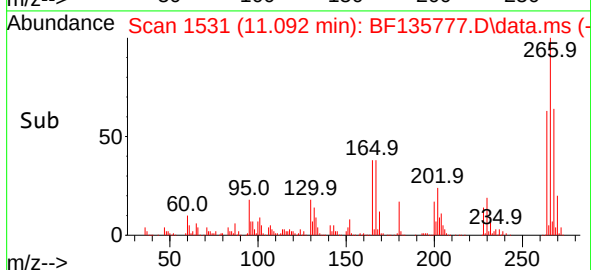
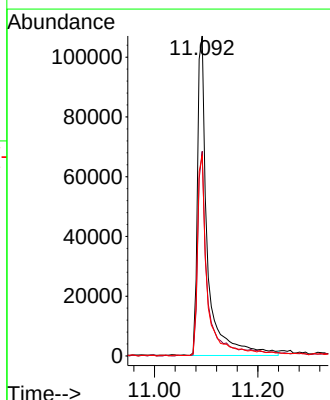
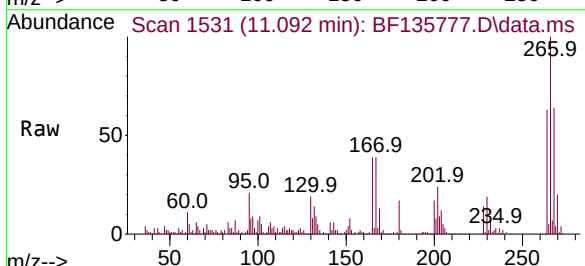
Tgt Ion:266 Resp: 145238

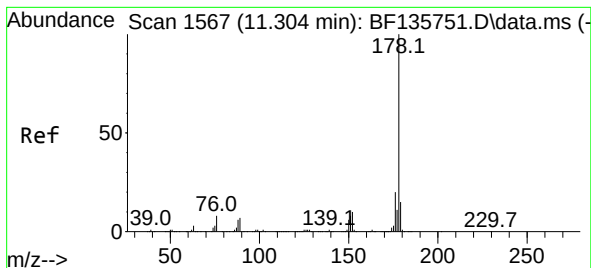
Ion Ratio Lower Upper

266 100

268 63.9 47.7 71.5

264 62.6 51.4 77.2





#71

Phenanthrene

Concen: 68.015 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

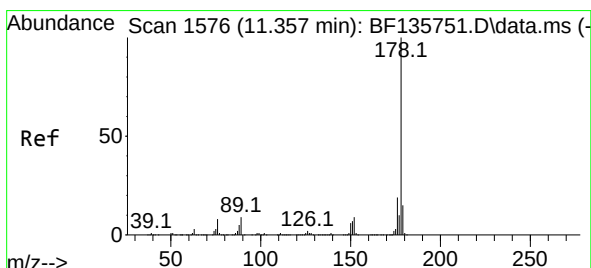
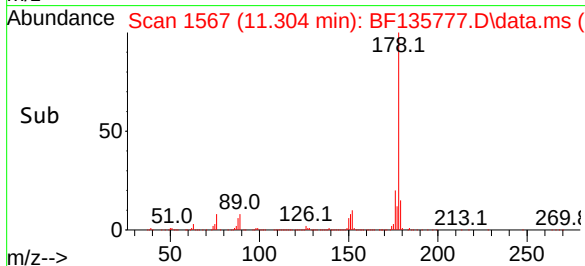
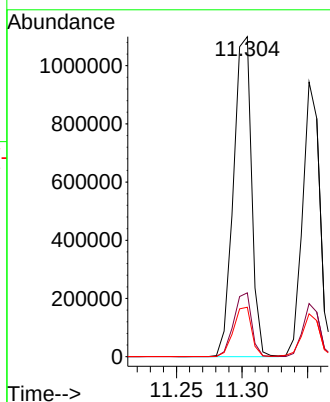
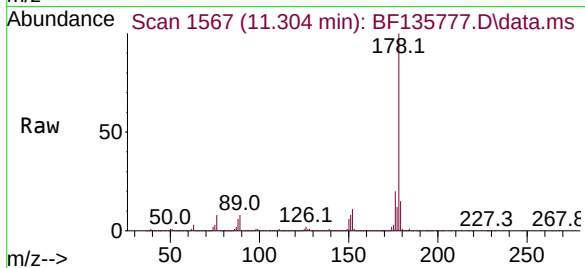
Tgt Ion:178 Resp: 1059332

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 53.203 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

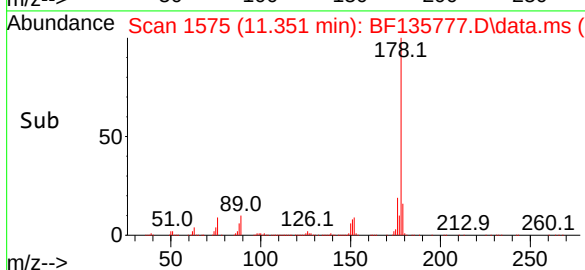
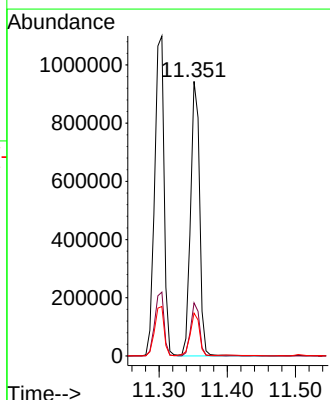
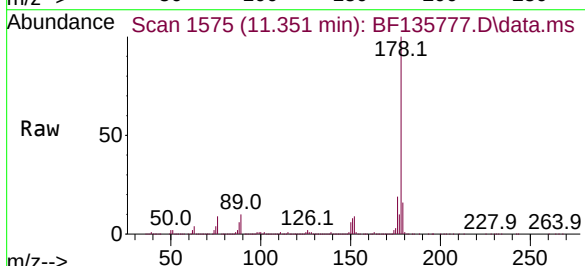
Tgt Ion:178 Resp: 858662

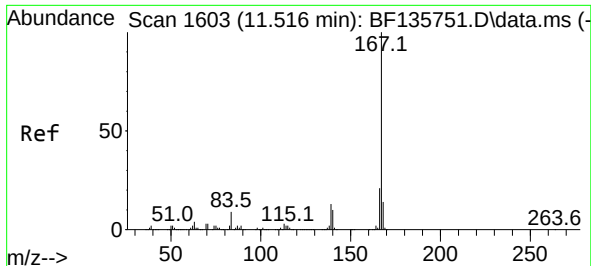
Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 15.6 12.3 18.5

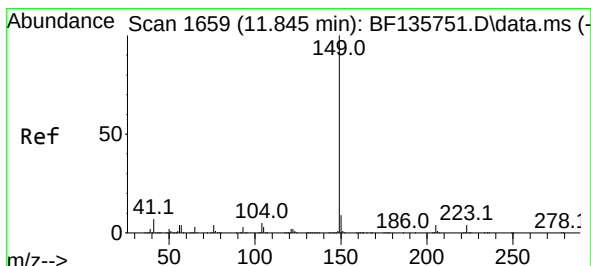
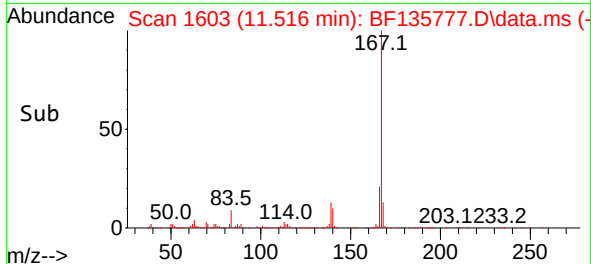
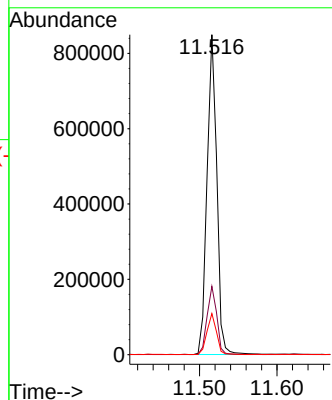
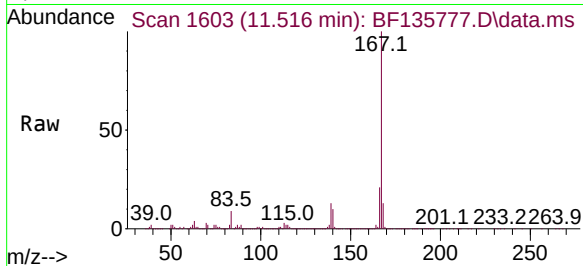




#73
 Carbazole
 Concen: 49.283 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

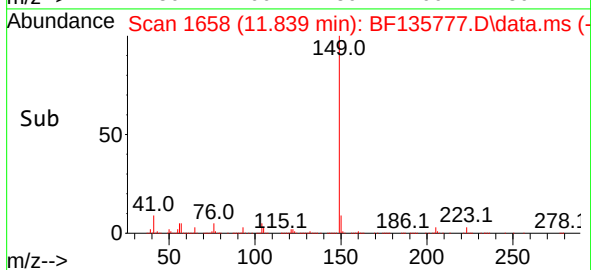
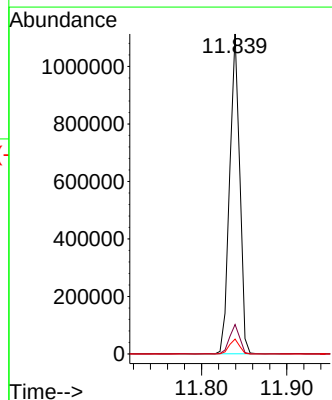
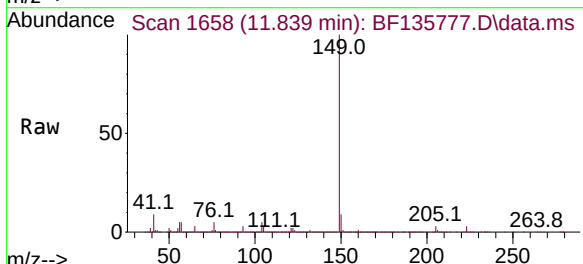
Instrument :
 BNA_F
 ClientSampleId :
 RT-2327MS

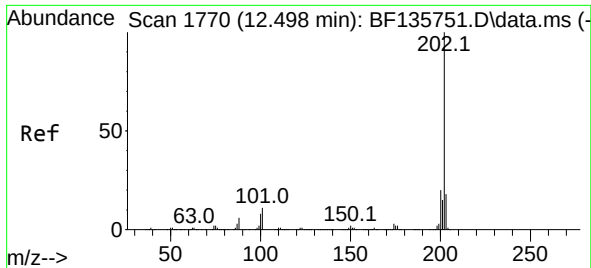
Tgt Ion:167 Resp: 741823
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.341 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

Tgt Ion:149 Resp: 911863
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.7 5.5

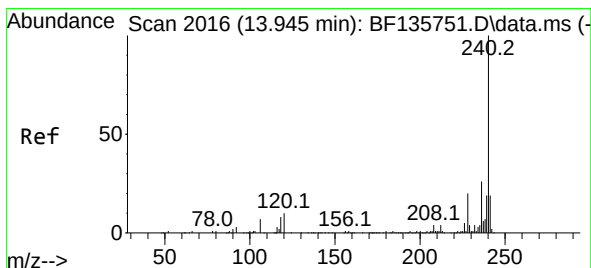
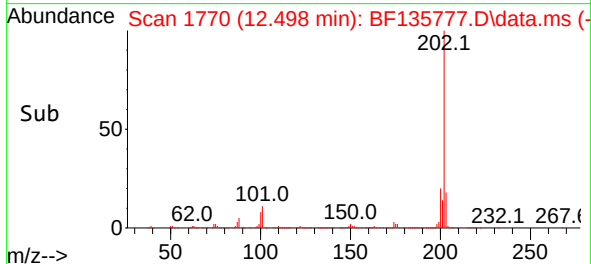
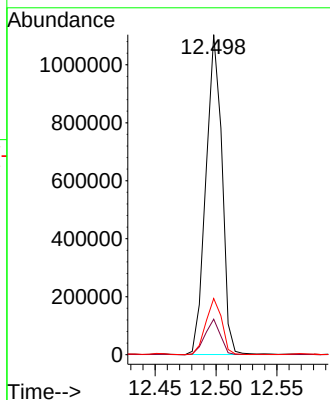
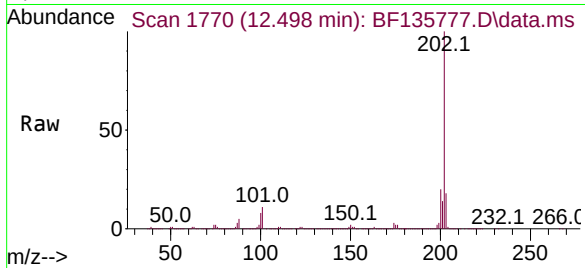




#75
Fluoranthene
Concen: 58.257 ng
RT: 12.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

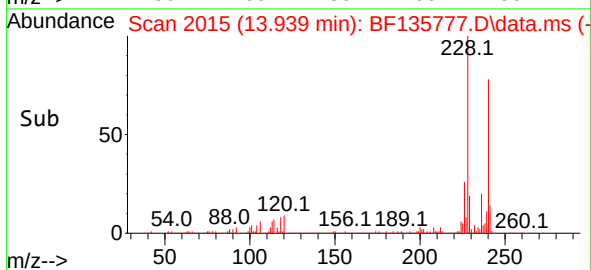
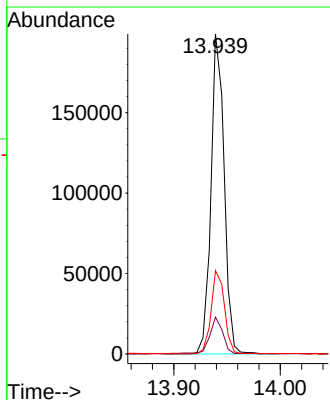
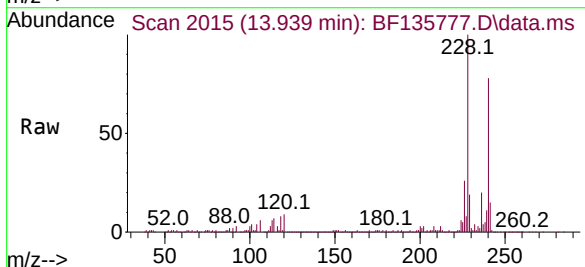
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

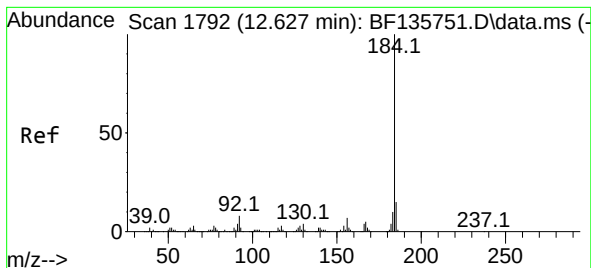
Tgt Ion:202 Resp: 1007043
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.5
203 17.6 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:240 Resp: 171118
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.0 21.2 31.8





#77

Benzidine

Concen: 67.946 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

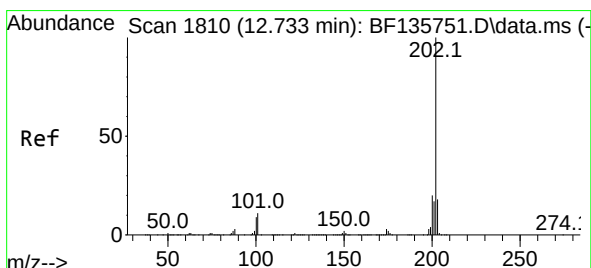
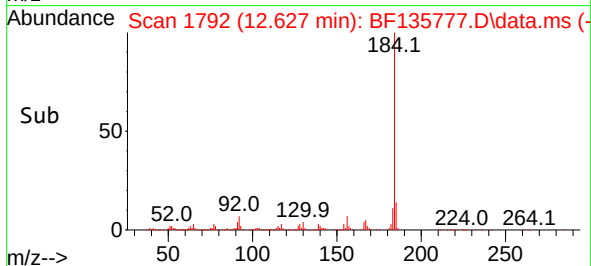
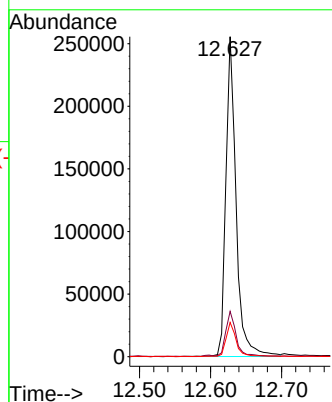
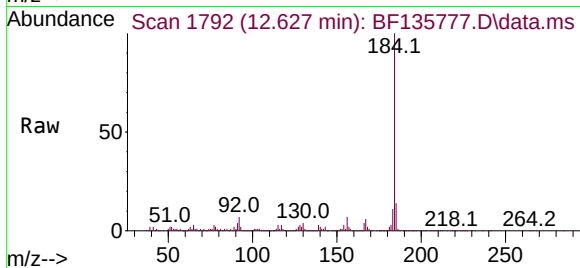
Tgt Ion:184 Resp: 253707

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 10.7 8.2 12.2



#78

Pyrene

Concen: 72.045 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

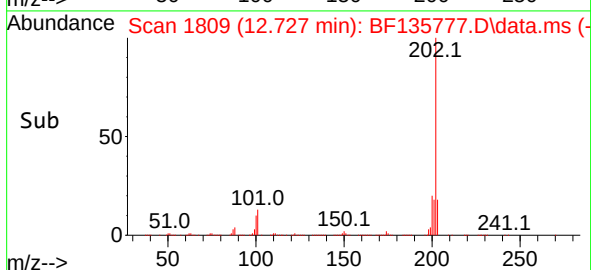
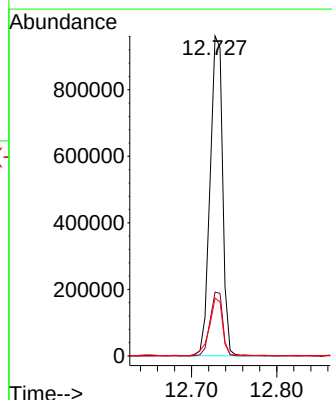
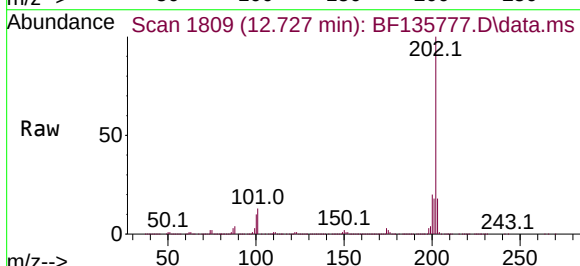
Tgt Ion:202 Resp: 979670

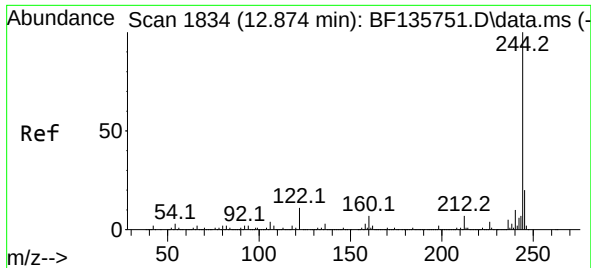
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 18.1 14.2 21.2

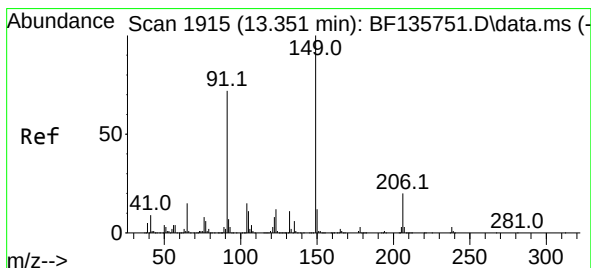
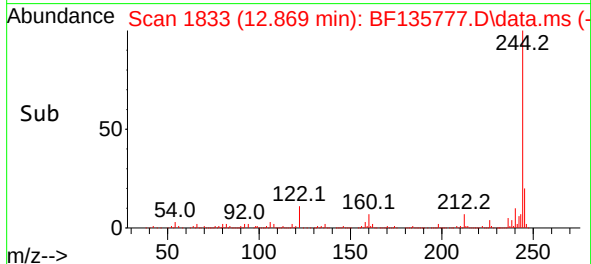
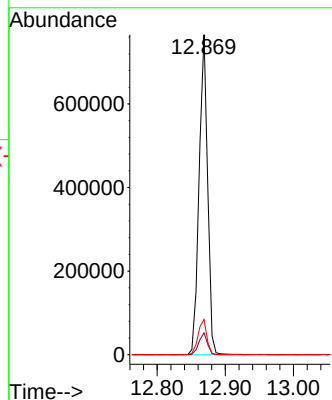
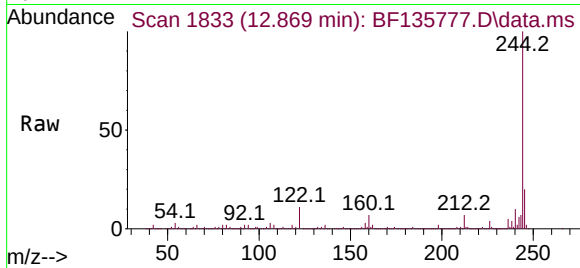




#79
 Terphenyl-d14
 Concen: 71.799 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

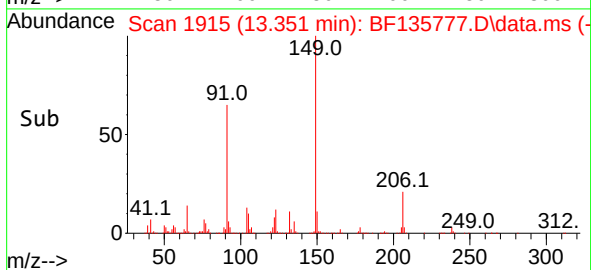
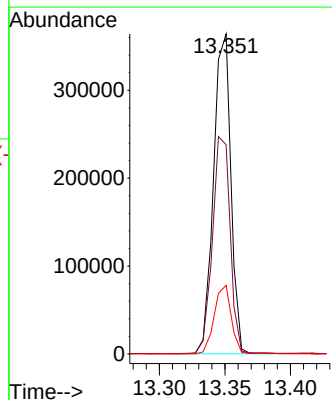
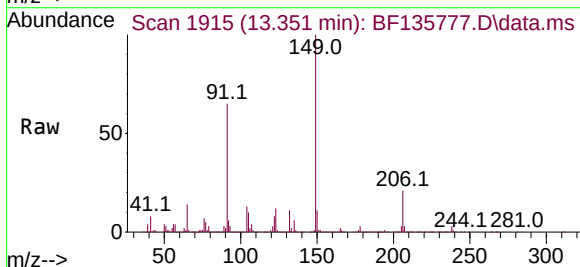
Instrument :
 BNA_F
 ClientSampleId :
 RT-2327MS

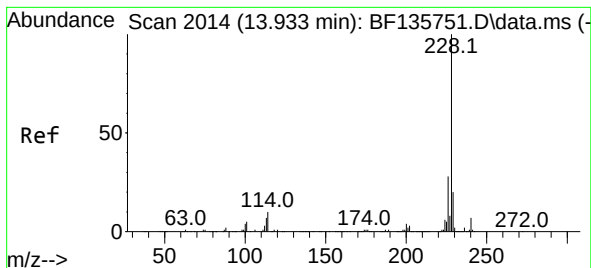
Tgt Ion:244 Resp: 663426
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 55.989 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135777.D
 Acq: 16 Oct 2023 15:16

Tgt Ion:149 Resp: 334555
 Ion Ratio Lower Upper
 149 100
 91 65.4 57.4 86.0
 206 21.4 16.2 24.4





#81

Benzo(a)anthracene

Concen: 60.178 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

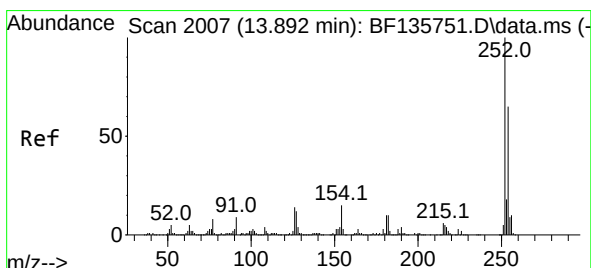
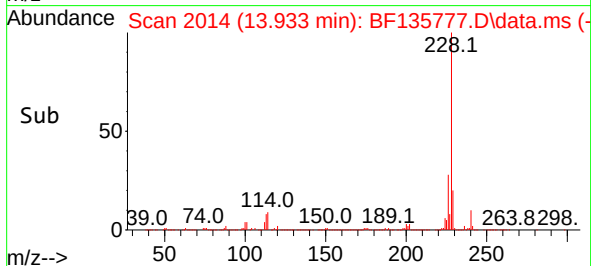
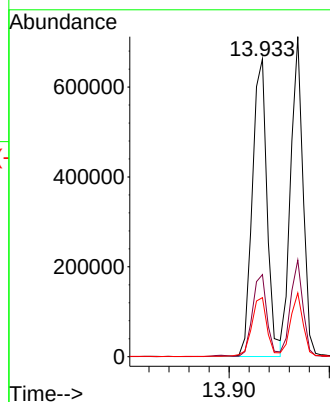
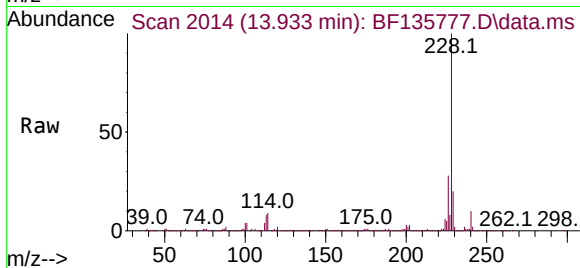
Tgt Ion:228 Resp: 676379

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 37.207 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

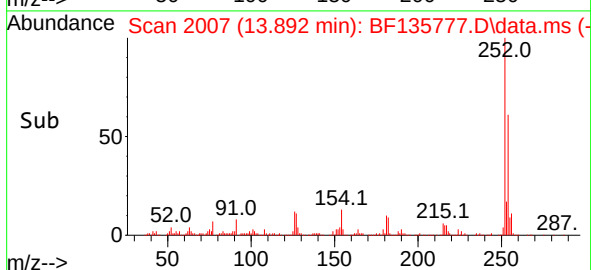
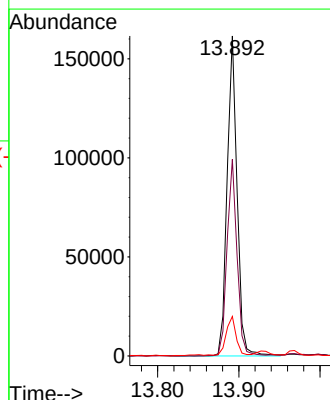
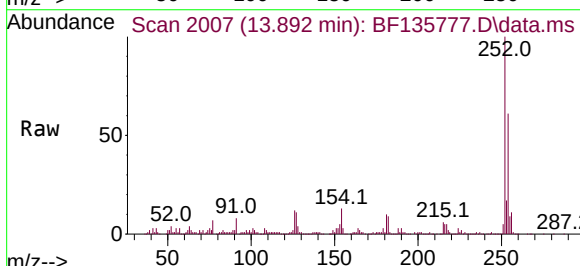
Tgt Ion:252 Resp: 138695

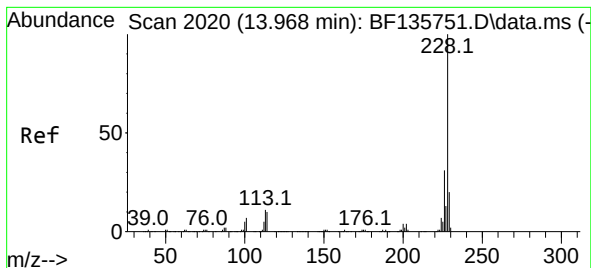
Ion Ratio Lower Upper

252 100

254 61.4 51.8 77.6

126 12.4 11.0 16.4





#83

Chrysene

Concen: 55.909 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

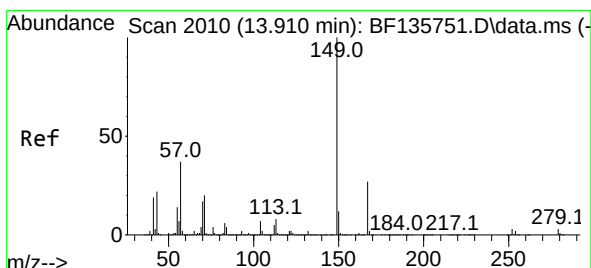
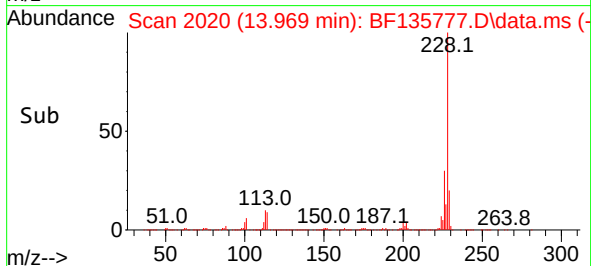
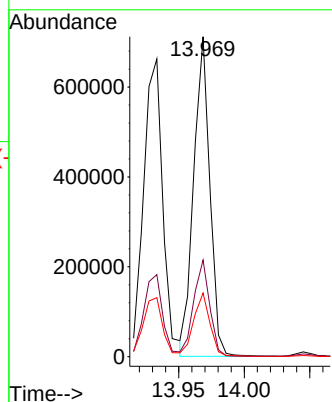
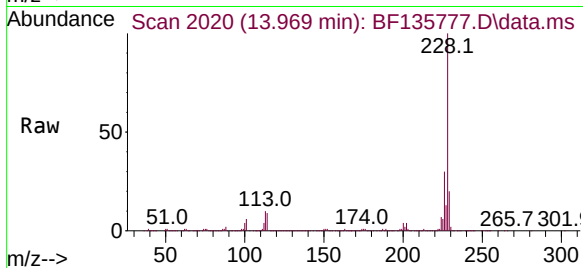
Tgt Ion:228 Resp: 608652

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.699 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

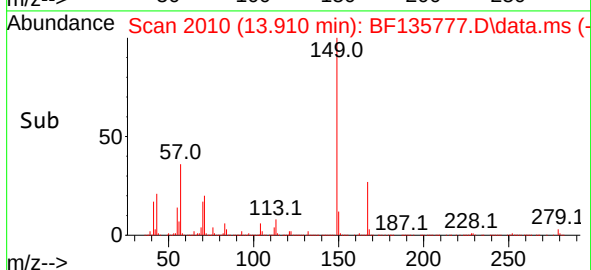
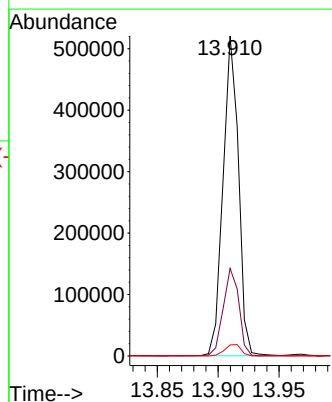
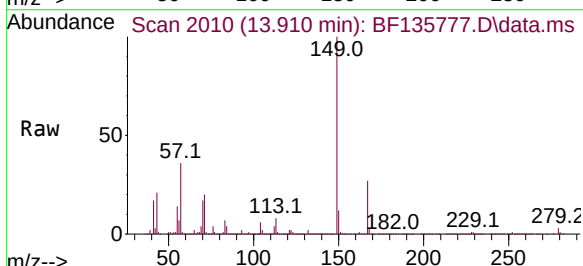
Tgt Ion:149 Resp: 459186

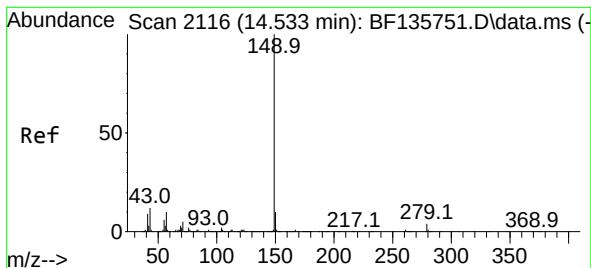
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 56.532 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

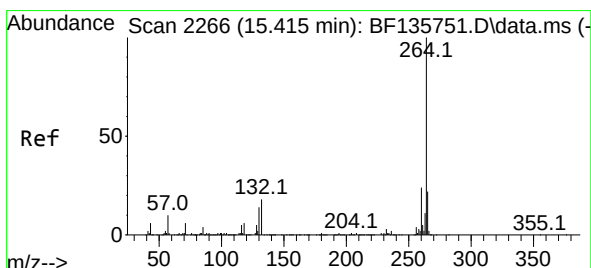
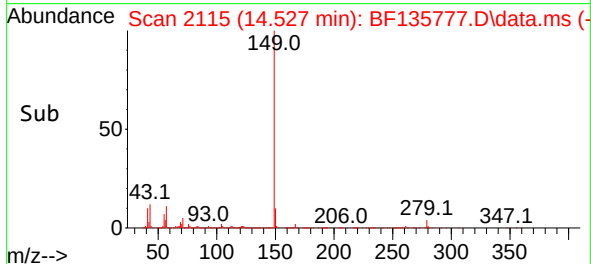
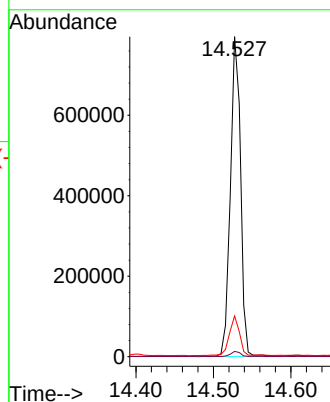
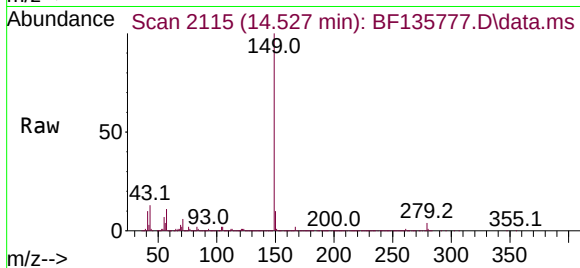
Tgt Ion:149 Resp: 725991

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.4 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

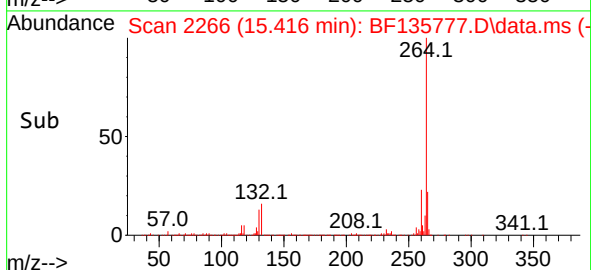
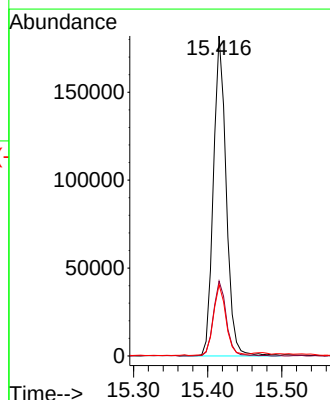
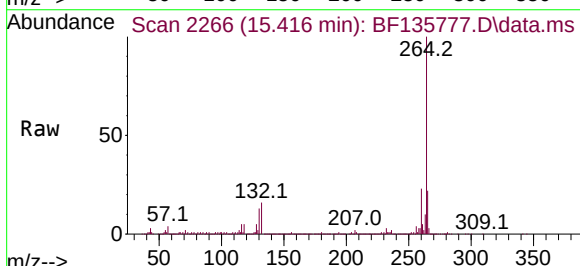
Tgt Ion:264 Resp: 218941

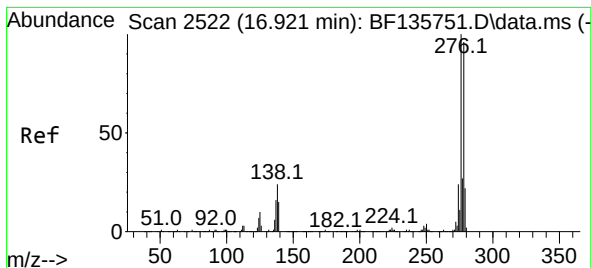
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.069 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

Instrument :

BNA_F

ClientSampleId :

RT-2327MS

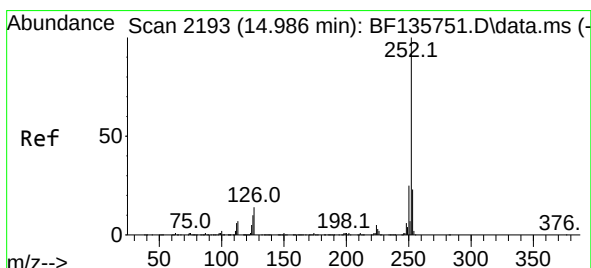
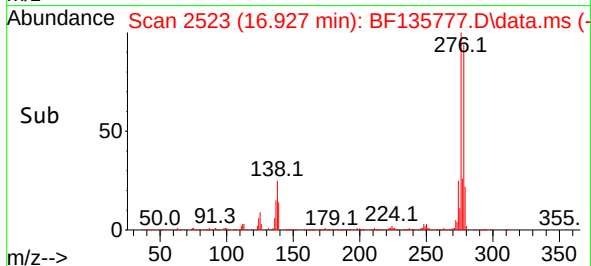
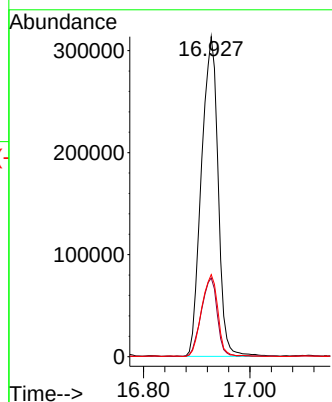
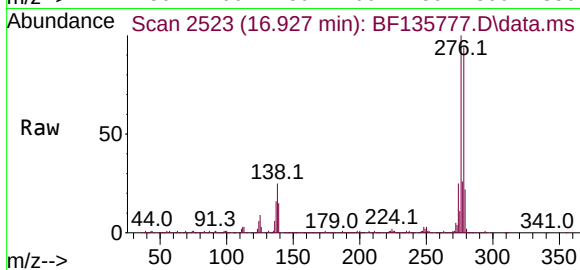
Tgt Ion:276 Resp: 680810

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.6

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 57.517 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135777.D

Acq: 16 Oct 2023 15:16

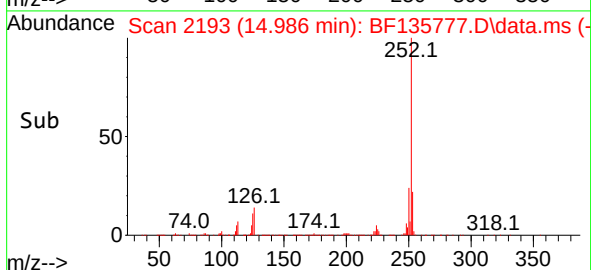
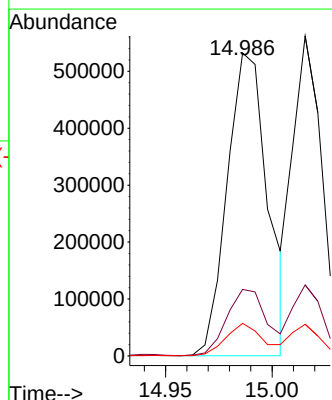
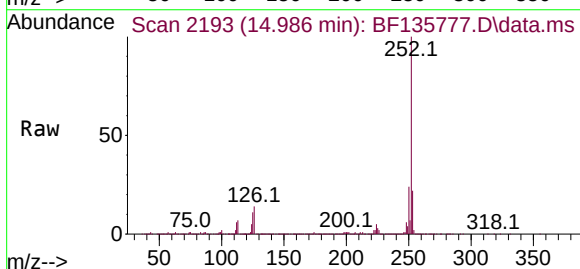
Tgt Ion:252 Resp: 704773

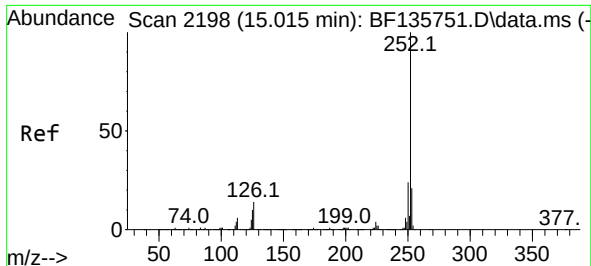
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 10.8 8.2 12.2

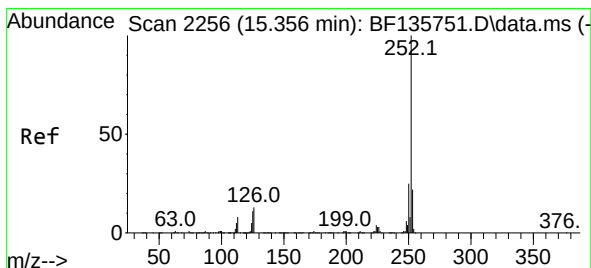
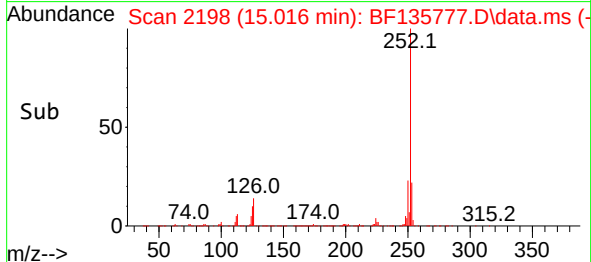
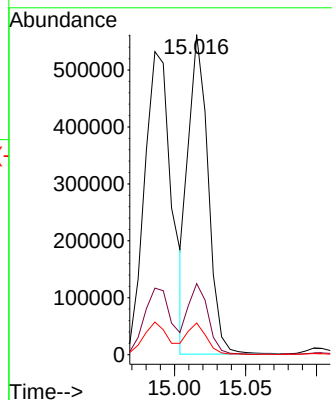
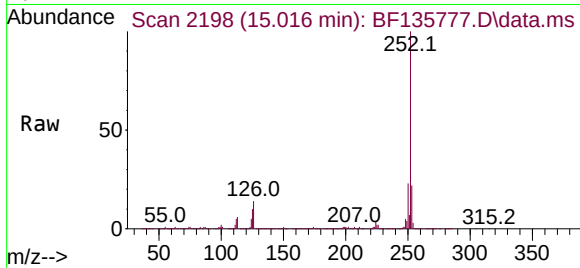




#89
Benzo(k)fluoranthene
Concen: 45.724 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

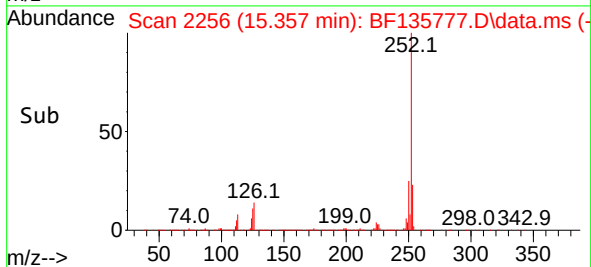
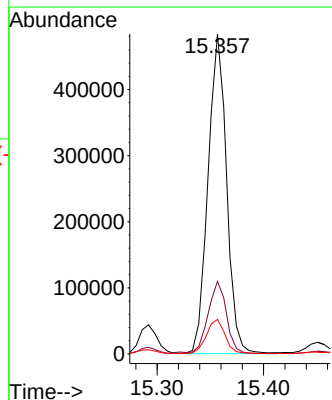
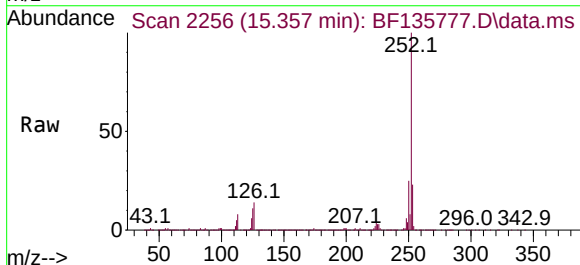
Instrument :
BNA_F
ClientSampleId :
RT-2327MS

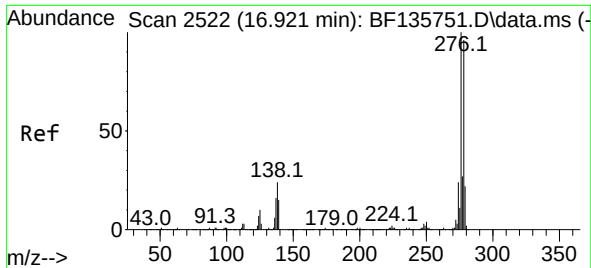
Tgt Ion:252 Resp: 543945
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 50.972 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:252 Resp: 587314
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.8 8.8 13.2

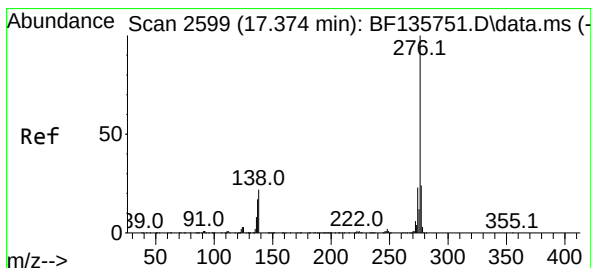
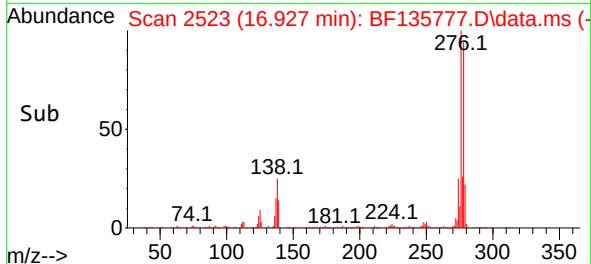
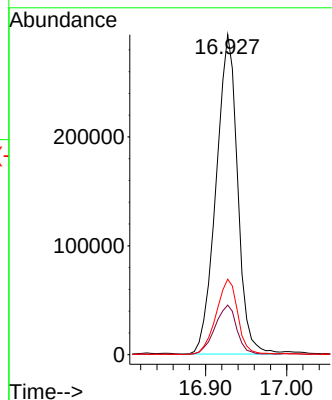
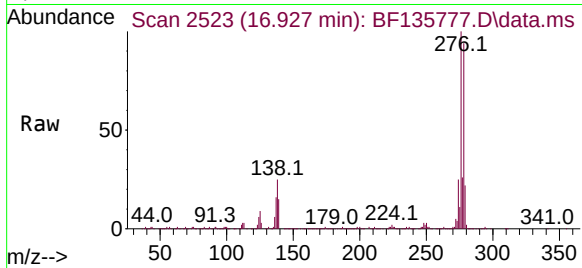




#91
Dibenzo(a,h)anthracene
Concen: 55.388 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Instrument :
BNA_F
ClientSampleId :
RT-2327MS

Tgt Ion:278 Resp: 541675
Ion Ratio Lower Upper
278 100
139 15.5 12.5 18.7
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 53.500 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135777.D
Acq: 16 Oct 2023 15:16

Tgt Ion:276 Resp: 537440
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 21.5 17.3 25.9

