

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135778.D
 Acq On : 16 Oct 2023 15:47
 Operator : CG\JU
 Sample : 04830-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 01:33:53 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	6.739	152	87102	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	331598	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	165309	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	313616	20.000	ng	0.00
76) Chrysene-d12	13.939	240	167666	20.000	ng	-0.01
86) Perylene-d12	15.415	264	207979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	598975	110.560	ng	0.00
7) Phenol-d6	6.392	99	669355	99.021	ng	0.00
23) Nitrobenzene-d5	7.310	82	413602	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	167226	105.421	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	725338	68.603	ng	0.00
79) Terphenyl-d14	12.868	244	725261	80.107	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	129312	49.485	ng	100
3) Pyridine	3.228	79	284896	44.434	ng	97
4) n-Nitrosodimethylamine	3.199	42	187639	54.420	ng	94
6) Aniline	6.410	93	247868	29.138	ng	# 42
8) 2-Chlorophenol	6.528	128	313392	53.643	ng	97
9) Benzaldehyde	6.298	77	134014	34.832	ng	96
10) Phenol	6.404	94	375014	52.946	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	291179	51.021	ng	99
12) 1,3-Dichlorobenzene	6.675	146	315907	53.337	ng	98
13) 1,4-Dichlorobenzene	6.757	146	318951	53.159	ng	99
14) 1,2-Dichlorobenzene	6.904	146	301799	55.864	ng	98
15) Benzyl Alcohol	6.892	79	248815	55.359	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	530823	51.428	ng	85
17) 2-Methylphenol	7.010	107	242191	47.887	ng	95
18) Hexachloroethane	7.239	117	118885	54.648	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	206446	49.394	ng	99
20) 3+4-Methylphenols	7.163	107	311718	49.440	ng	94
22) Acetophenone	7.151	105	418027	54.968	ng	# 98
24) Nitrobenzene	7.328	77	316940	52.378	ng	98
25) Isophorone	7.563	82	577234	50.749	ng	99
26) 2-Nitrophenol	7.645	139	162899	55.164	ng	95
27) 2,4-Dimethylphenol	7.686	122	235216	48.385	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	357731	52.811	ng	99
29) 2,4-Dichlorophenol	7.892	162	255184	56.015	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	259118	55.611	ng	99
31) Naphthalene	8.039	128	880358	54.430	ng	99
32) Benzoic acid	7.839	122	165130	50.182	ng	95
33) 4-Chloroaniline	8.104	127	88097	12.469	ng	98
34) Hexachlorobutadiene	8.151	225	155595	56.416	ng	99
35) Caprolactam	8.522	113	19364	12.434	ng	96
36) 4-Chloro-3-methylphenol	8.598	107	273765	54.188	ng	98
37) 2-Methylnaphthalene	8.733	142	546929	51.325	ng	98
38) 1-Methylnaphthalene	8.833	142	524870	53.402	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	269422	56.658	ng	99
41) Hexachlorocyclopentadiene	8.880	237	70261	75.395	ng	97
43) 2,4,6-Trichlorophenol	9.022	196	169352	55.266	ng	97

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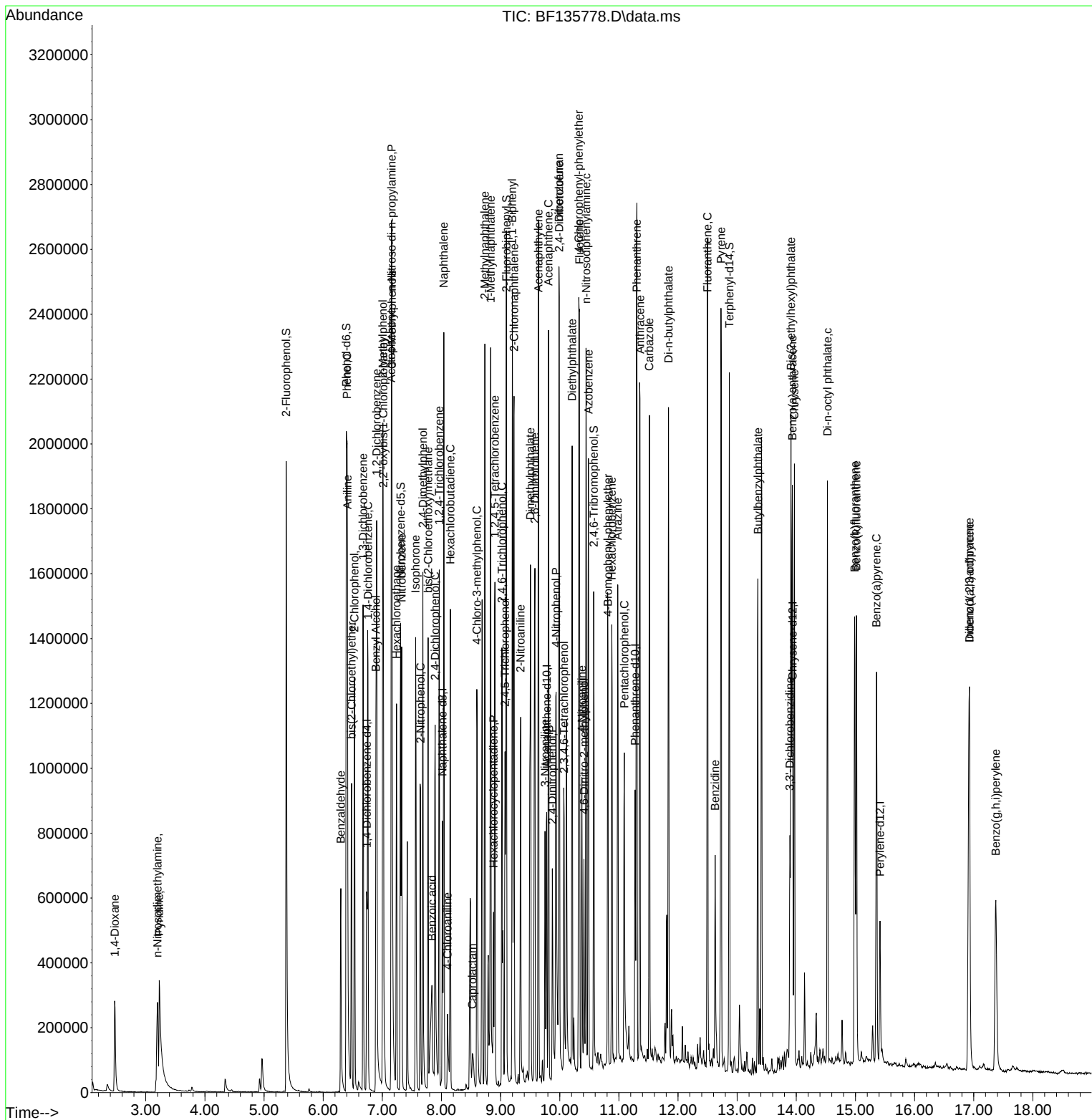
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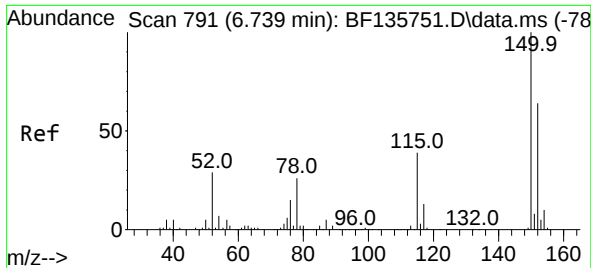
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	181643	50.965	ng	97
46) 1,1'-Biphenyl	9.198	154	698795	55.184	ng	99
47) 2-Chloronaphthalene	9.228	162	498838	54.660	ng	97
48) 2-Nitroaniline	9.339	65	190751	52.953	ng	94
49) Acenaphthylene	9.639	152	825645	54.669	ng	99
50) Dimethylphthalate	9.504	163	597999	53.587	ng	99
51) 2,6-Dinitrotoluene	9.580	165	130803	54.506	ng	93
52) Acenaphthene	9.810	154	497158	54.921	ng	99
53) 3-Nitroaniline	9.751	138	101434	34.480	ng	98
54) 2,4-Dinitrophenol	9.875	184	98755	98.584	ng	91
55) Dibenzofuran	9.986	168	755532	55.315	ng	99
56) 4-Nitrophenol	9.939	139	147137	107.160	ng	92
57) 2,4-Dinitrotoluene	9.992	165	170264	55.769	ng	# 75
58) Fluorene	10.333	166	609091	56.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.075	232	121921	45.266	ng	94
60) Diethylphthalate	10.210	149	622396	54.632	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	278902	53.967	ng	96
62) 4-Nitroaniline	10.375	138	134260	49.603	ng	97
63) Azobenzene	10.486	77	597556	53.987	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	76822	48.674	ng	96
66) n-Nitrosodiphenylamine	10.445	169	529141	55.356	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	171264	54.401	ng	96
68) Hexachlorobenzene	10.880	284	186228	58.102	ng	92
69) Atrazine	10.980	200	172631	66.396	ng	99
70) Pentachlorophenol	11.092	266	146807	116.132	ng	97
71) Phenanthrene	11.304	178	1075670	71.598	ng	99
72) Anthracene	11.357	178	878434	56.425	ng	100
73) Carbazole	11.516	167	789557	54.380	ng	100
74) Di-n-butylphthalate	11.839	149	988708	55.463	ng	100
75) Fluoranthene	12.498	202	1078245	64.665	ng	99
77) Benzidine	12.627	184	277733	75.912	ng	98
78) Pyrene	12.727	202	1051188	78.897	ng	99
80) Butylbenzylphthalate	13.351	149	355705	60.754	ng	95
81) Benzo(a)anthracene	13.933	228	716116	65.025	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	143917	39.403	ng	98
83) Chrysene	13.968	228	644866	60.455	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	491056	61.883	ng	100
85) Di-n-octyl phthalate	14.527	149	787153	62.556	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	621138	54.811	ng	98
88) Benzo(b)fluoranthene	14.986	252	719898	61.848	ng	99
89) Benzo(k)fluoranthene	15.015	252	557945	49.373	ng	100
90) Benzo(a)pyrene	15.357	252	599323	54.756	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	500032	53.825	ng	98
92) Benzo(g,h,i)perylene	17.374	276	485133	50.838	ng	98

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

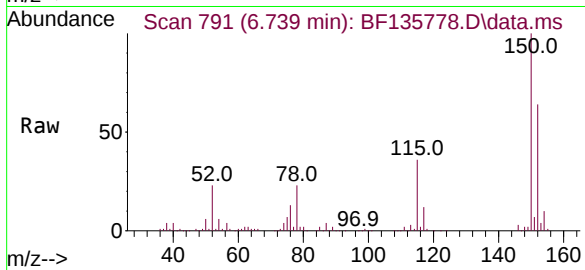
Quant Time: Oct 17 01:33:53 2023
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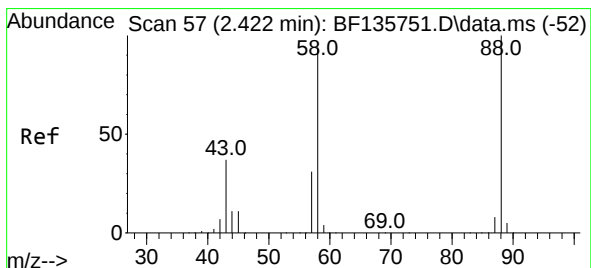
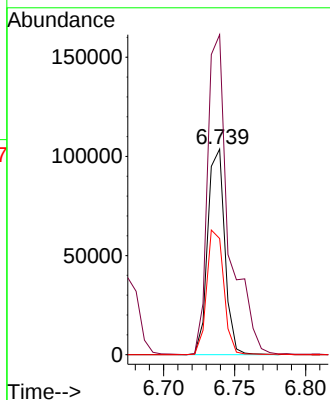
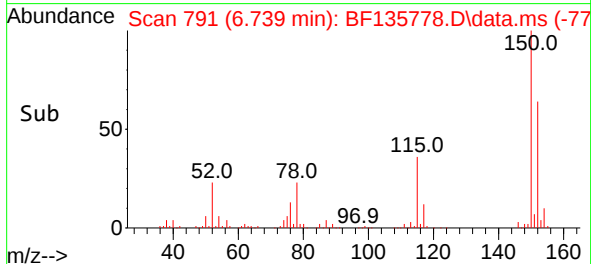


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

Instrument :
 BNA_F
 ClientSampleId :

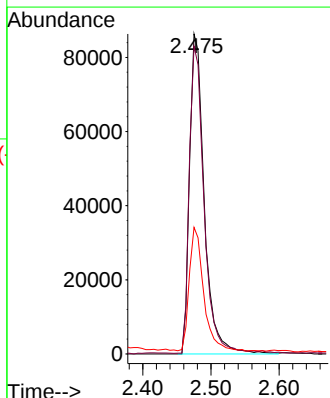
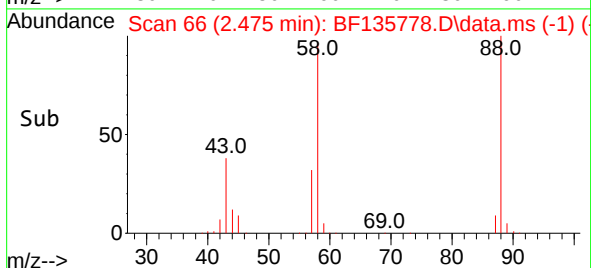
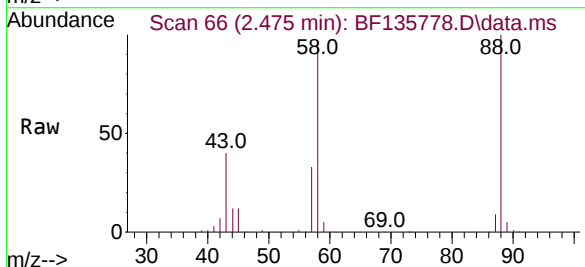


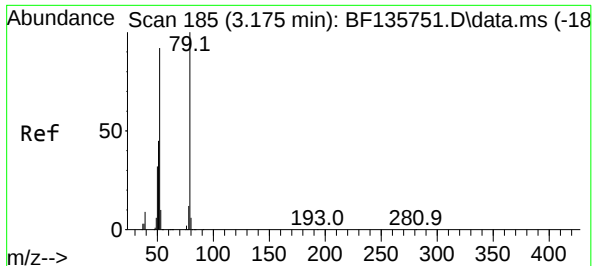
Tgt Ion:152 Resp: 87102
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 56.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 49.485 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.035 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

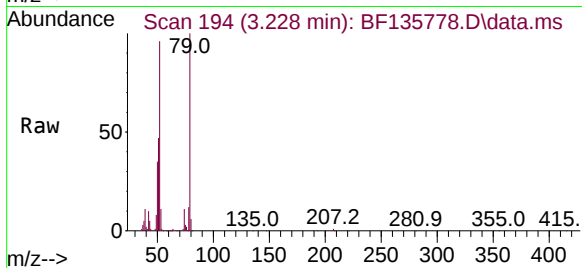
Tgt Ion: 88 Resp: 129312
 Ion Ratio Lower Upper
 88 100
 58 95.3 76.1 114.1
 43 37.3 29.8 44.8



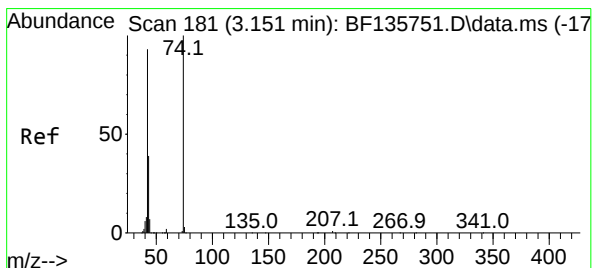
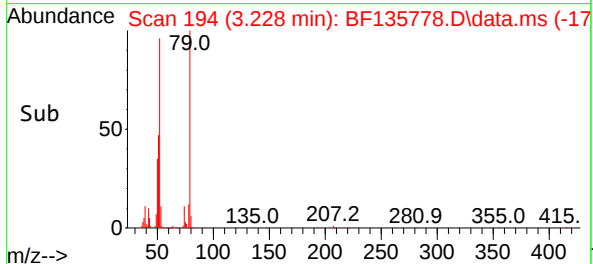
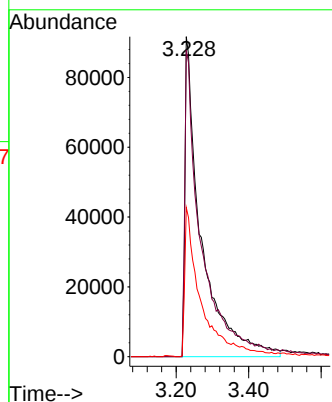


#3
Pyridine
Concen: 44.434 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.041 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

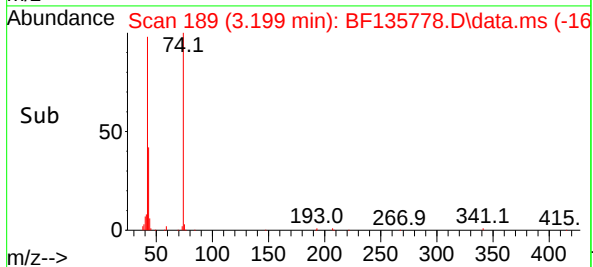
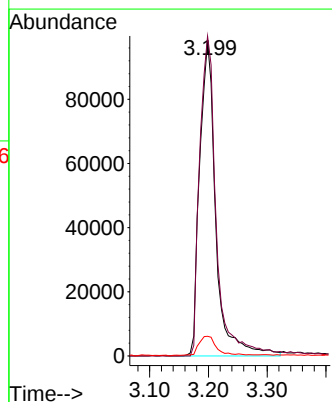
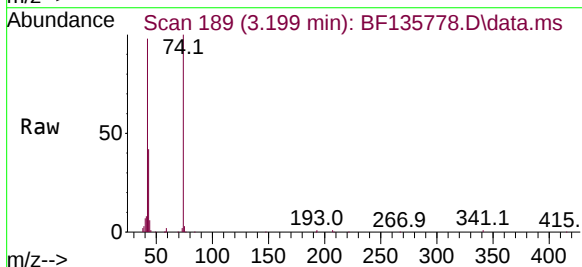


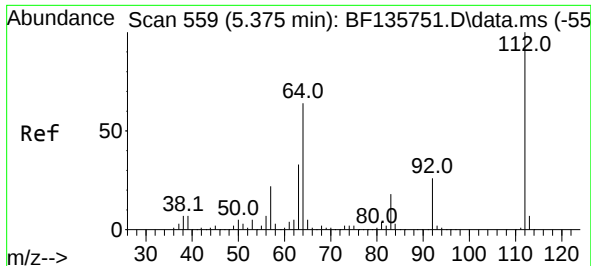
Tgt Ion: 79 Resp: 284896
Ion Ratio Lower Upper
79 100
52 95.8 73.4 110.2
51 46.6 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 54.420 ng
RT: 3.199 min Scan# 189
Delta R.T. 0.029 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

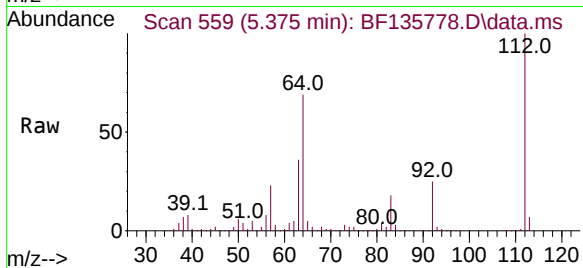
Tgt Ion: 42 Resp: 187639
Ion Ratio Lower Upper
42 100
74 101.6 86.5 129.7
44 6.3 5.9 8.9



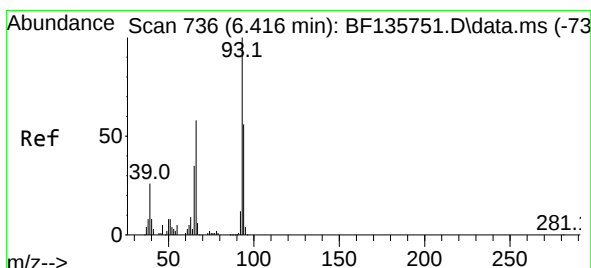
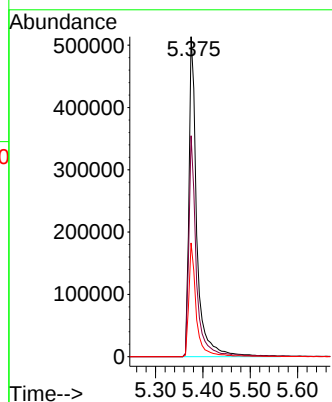
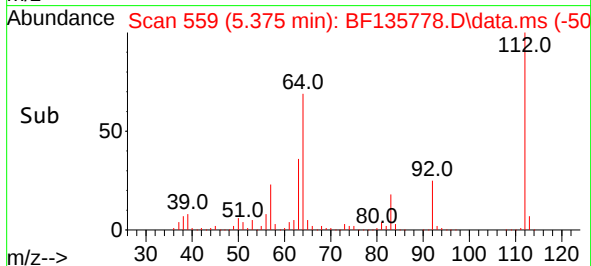


#5
2-Fluorophenol
Concen: 110.560 ng
RT: 5.375 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

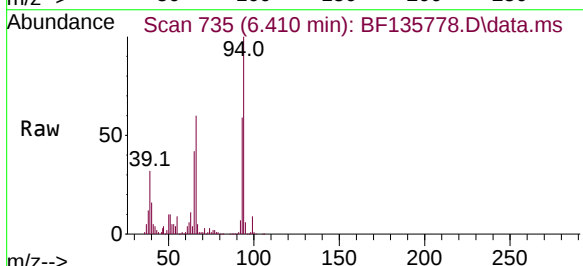
Instrument :
BNA_F
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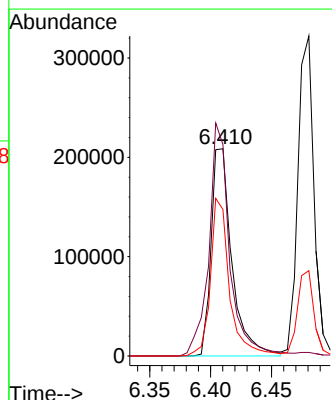
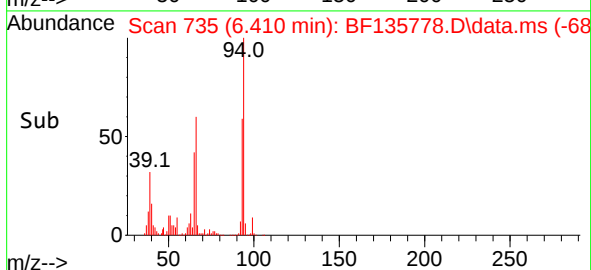
Tgt Ion:112 Resp: 598975
Ion Ratio Lower Upper
112 100
64 69.1 51.2 76.8
63 35.5 26.1 39.1

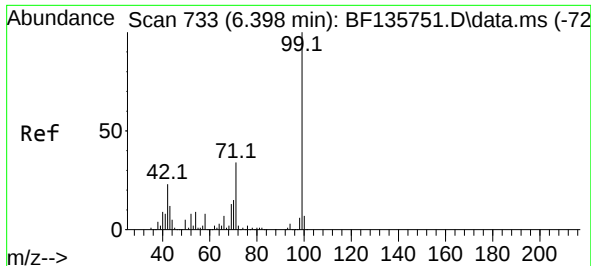


#6
Aniline
Concen: 29.138 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47



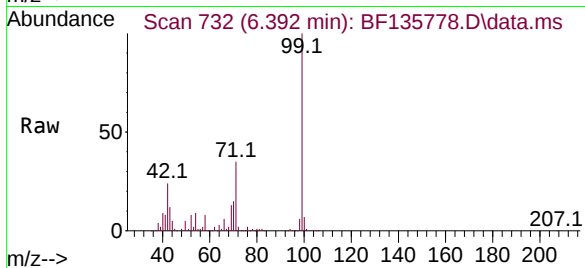
Tgt Ion: 93 Resp: 247868
Ion Ratio Lower Upper
93 100
66 102.0 47.6 71.4#
65 70.8 28.5 42.7#



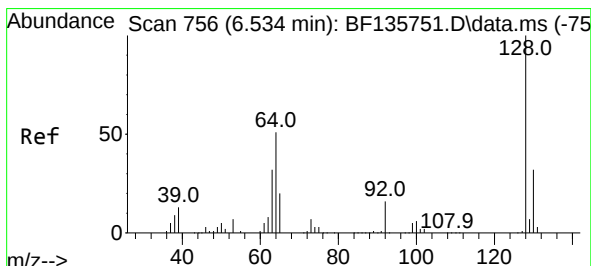
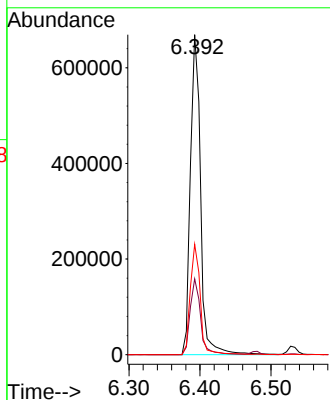
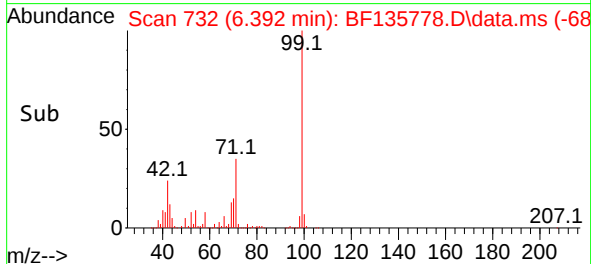


#7
Phenol-d6
Concen: 99.021 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

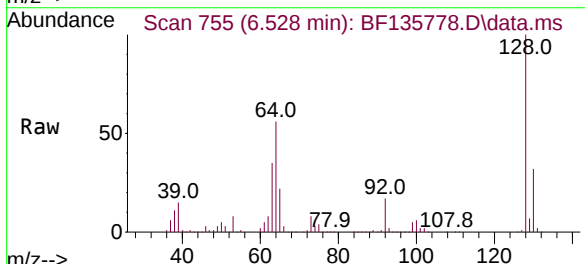
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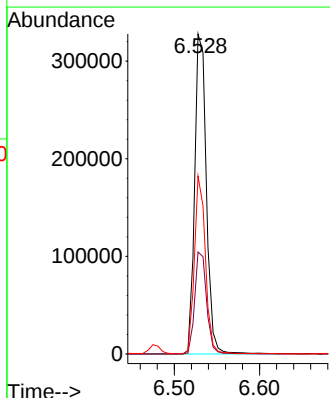
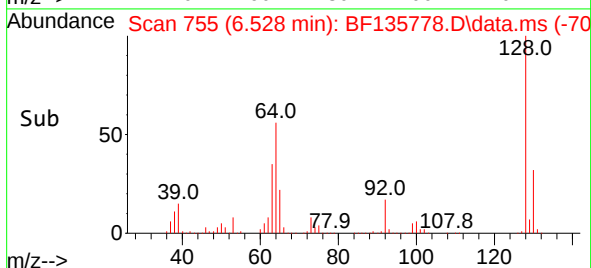
Tgt Ion: 99 Resp: 669355
Ion Ratio Lower Upper
99 100
42 23.7 18.4 27.6
71 34.5 27.2 40.8

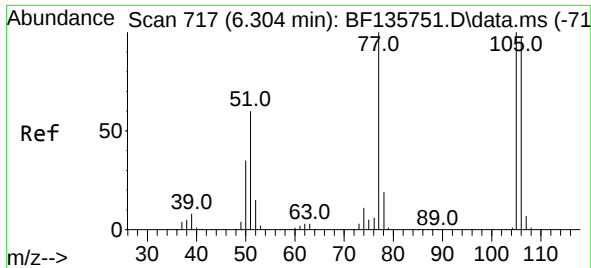


#8
2-Chlorophenol
Concen: 53.643 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47



Tgt Ion:128 Resp: 313392
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 55.6 32.3 72.3





#9

Benzaldehyde

Concen: 34.832 ng

RT: 6.298 min Scan# 716

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

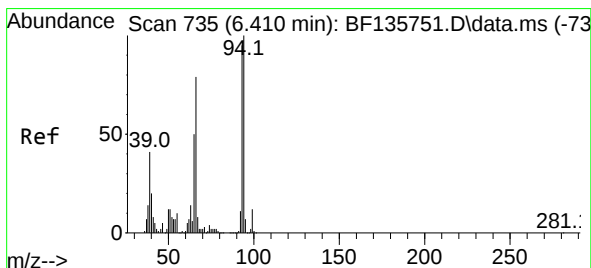
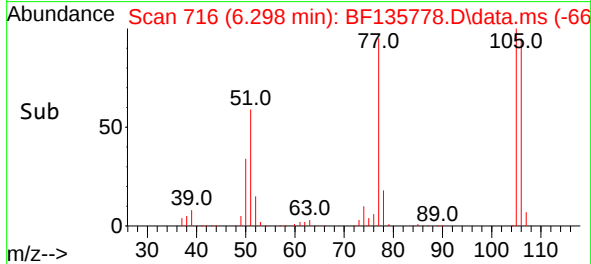
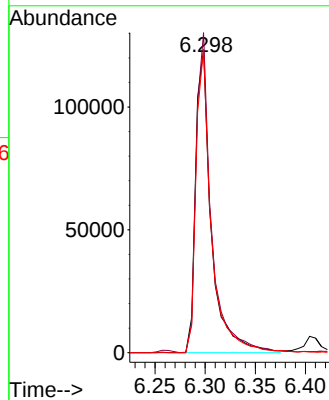
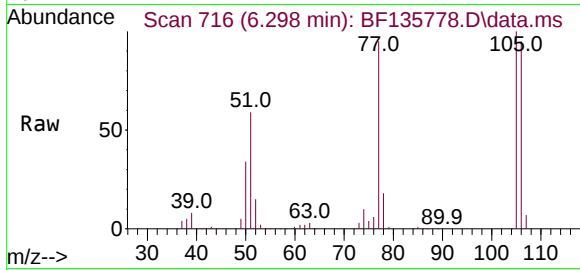
Tgt Ion: 77 Resp: 134014

Ion Ratio Lower Upper

77 100

105 105.6 79.9 119.9

106 100.1 77.1 117.1



#10

Phenol

Concen: 52.946 ng

RT: 6.404 min Scan# 734

Delta R.T. -0.012 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

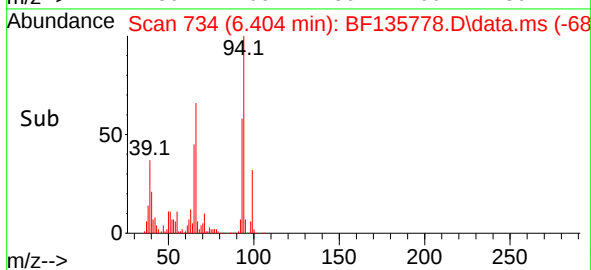
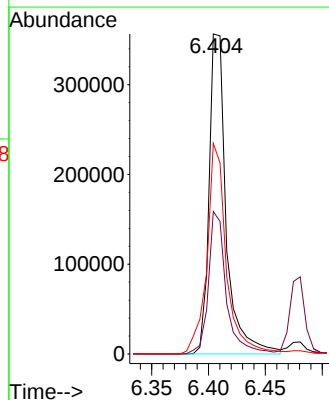
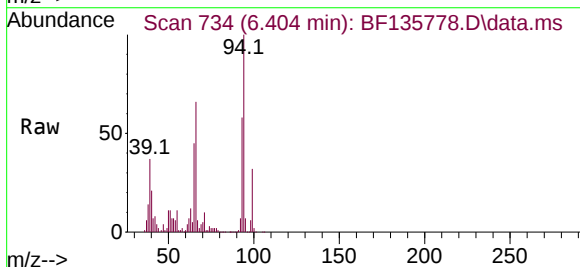
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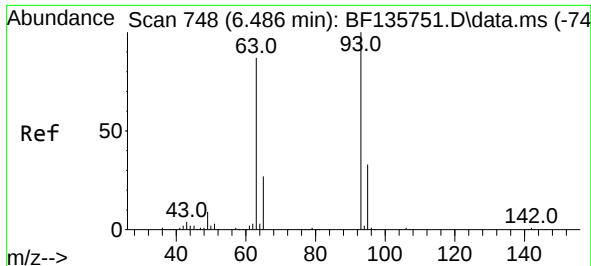
Ion Ratio Lower Upper

94 100

65 44.5 30.3 70.3

66 65.8 59.1 99.1

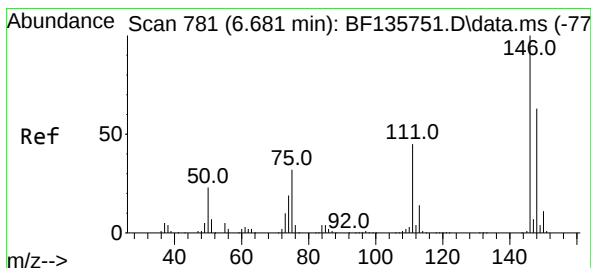
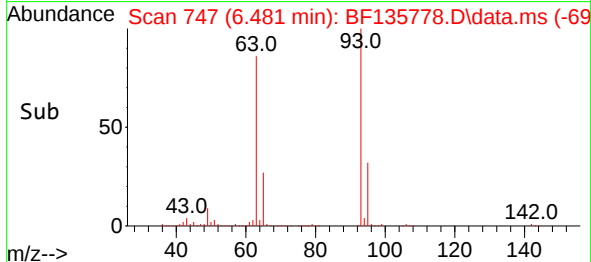
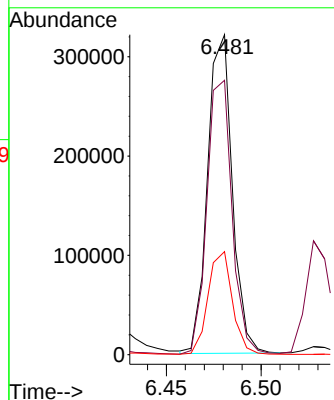
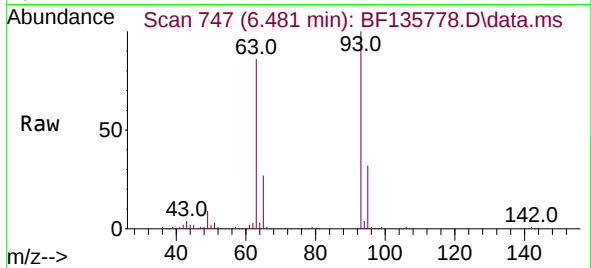




#11
bis(2-Chloroethyl)ether
Concen: 51.021 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

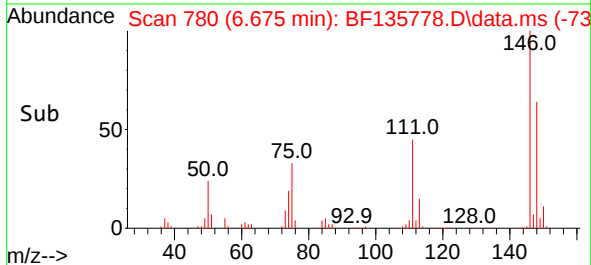
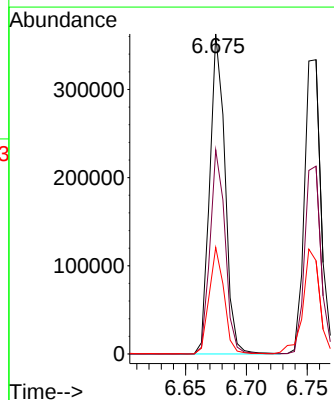
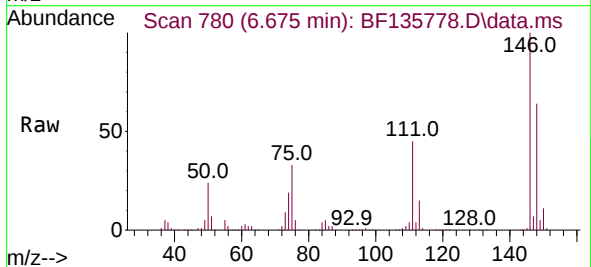
Instrument :
BNA_F
ClientSampleId :

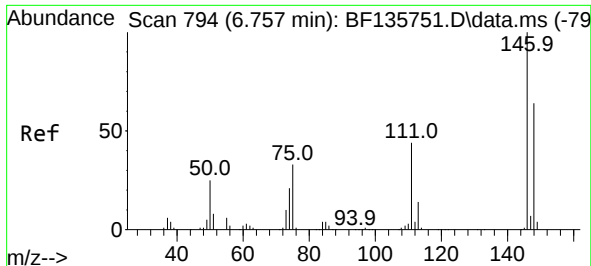
Tgt Ion: 93 Resp: 291179
Ion Ratio Lower Upper
93 100
63 85.7 66.3 106.3
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 53.337 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:146 Resp: 315907
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.4
75 33.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 53.159 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

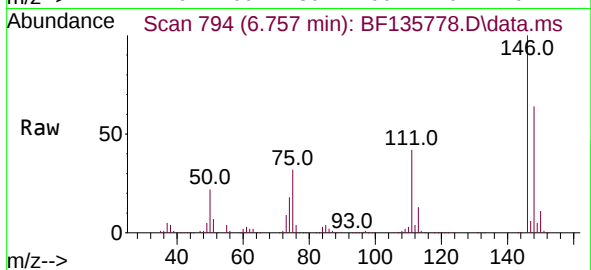
Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :



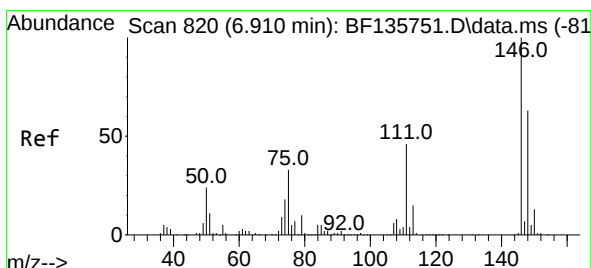
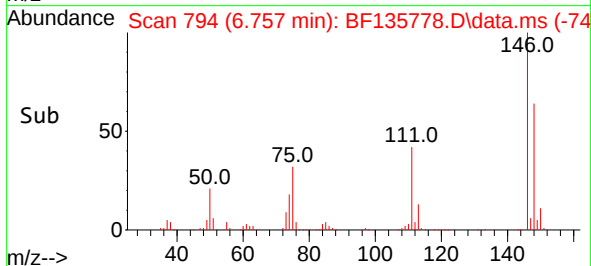
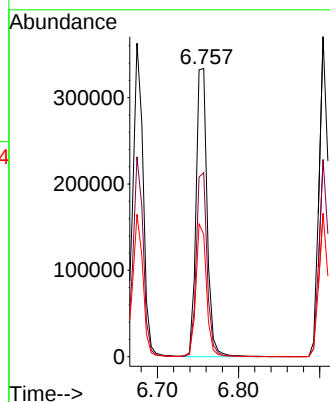
Tgt Ion:146 Resp: 318951

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 42.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 55.864 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

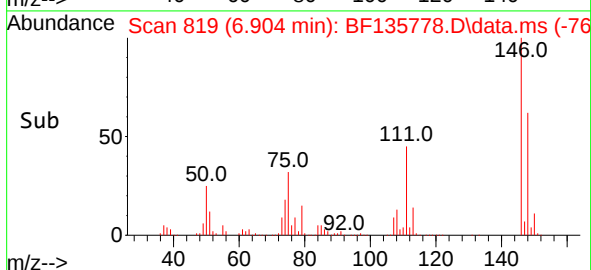
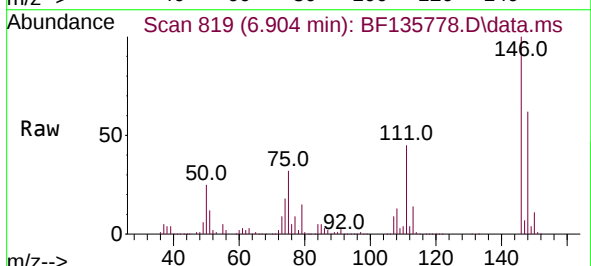
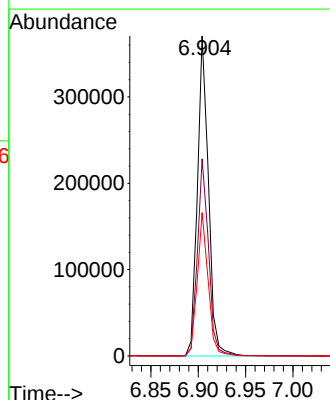
Tgt Ion:146 Resp: 301799

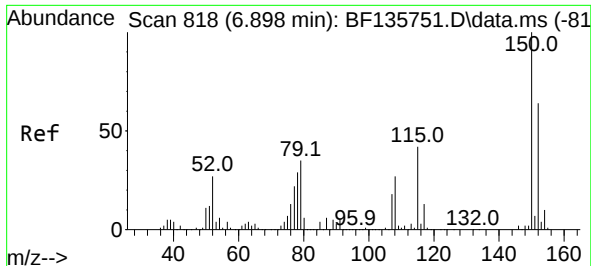
Ion Ratio Lower Upper

146 100

148 61.6 50.2 75.2

111 44.8 37.1 55.7

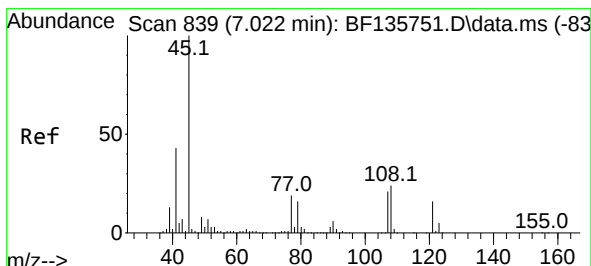
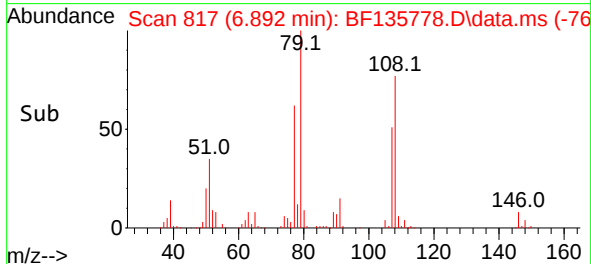
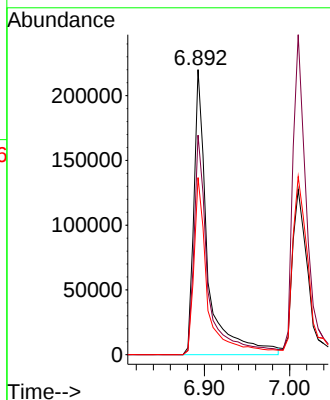
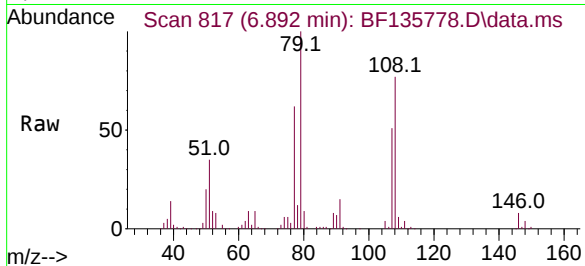




#15
Benzyl Alcohol
Concen: 55.359 ng
RT: 6.892 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

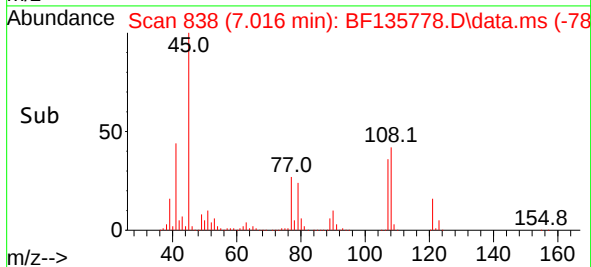
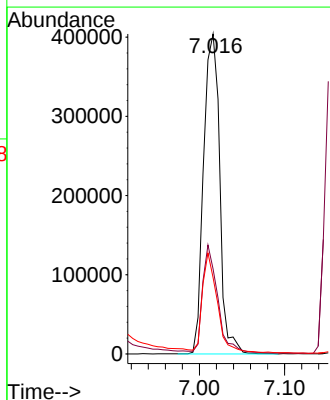
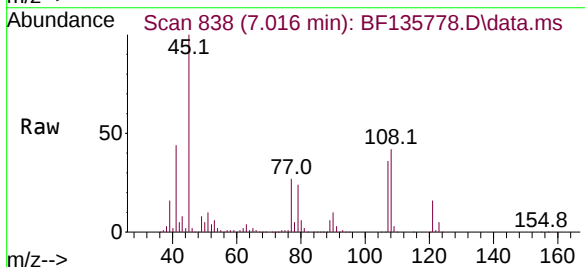
Instrument :
BNA_F
ClientSampleId :

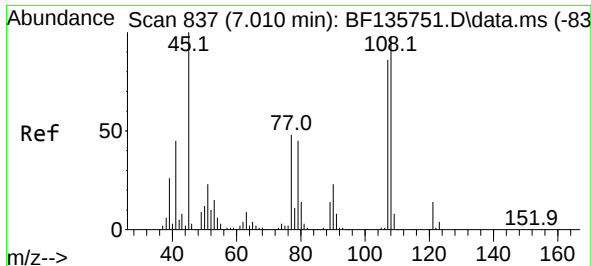
Tgt Ion: 79 Resp: 248815
Ion Ratio Lower Upper
79 100
108 77.0 62.0 93.0
77 62.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.428 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion: 45 Resp: 530823
Ion Ratio Lower Upper
45 100
77 26.6 0.0 39.8
79 23.8 0.0 37.6

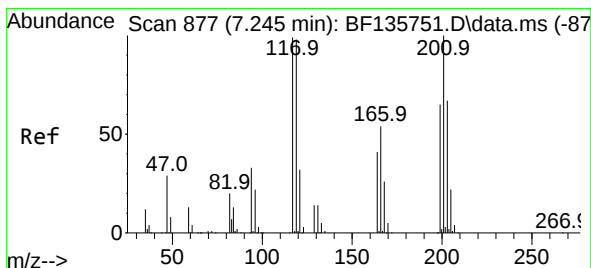
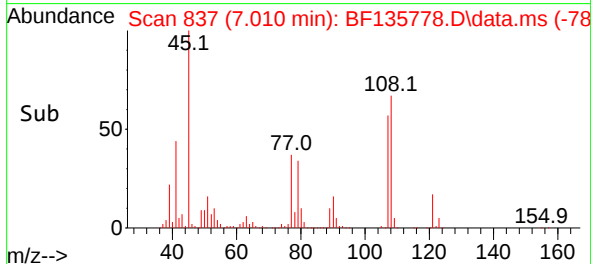
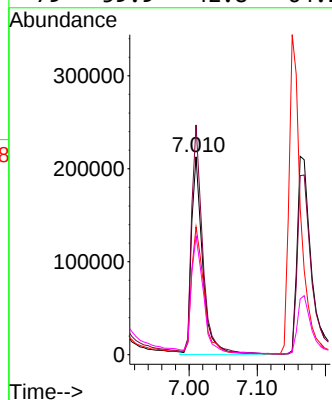
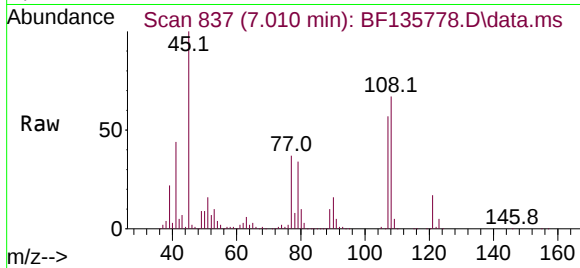




#17
2-Methylphenol
Concen: 47.887 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

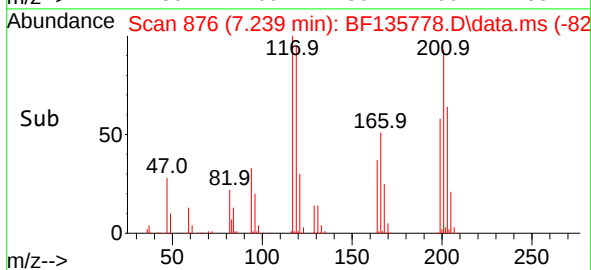
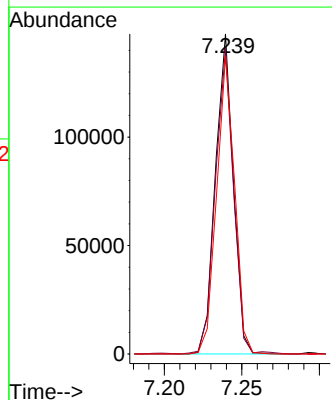
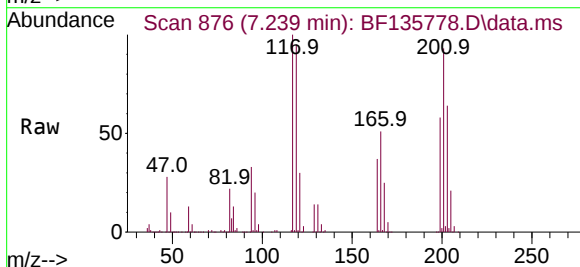
Instrument :
BNA_F
ClientSampleId :

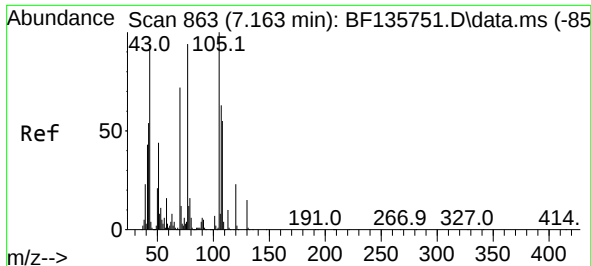
Tgt Ion:107 Resp: 242191
Ion Ratio Lower Upper
107 100
108 116.0 91.8 137.6
77 64.6 45.4 68.0
79 59.9 42.8 64.2



#18
Hexachloroethane
Concen: 54.648 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

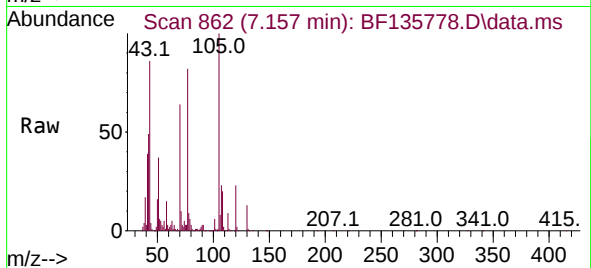
Tgt Ion:117 Resp: 118885
Ion Ratio Lower Upper
117 100
119 95.5 79.5 119.3
201 93.1 80.9 121.3





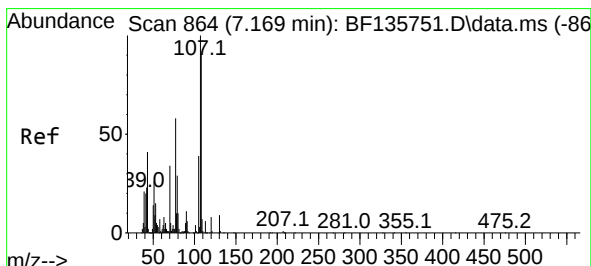
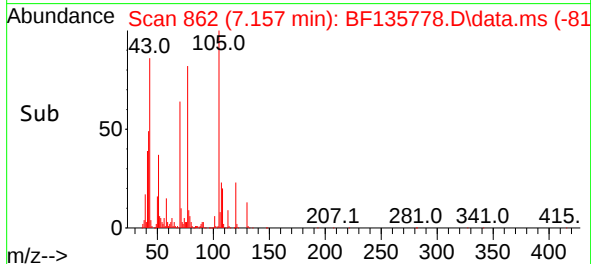
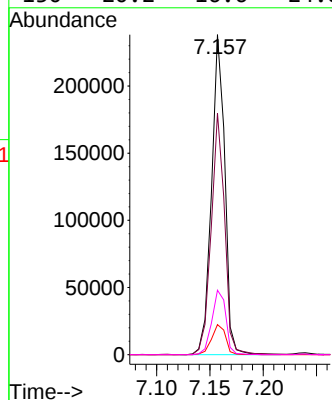
#19
n-Nitroso-di-n-propylamine
Concen: 49.394 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 206446

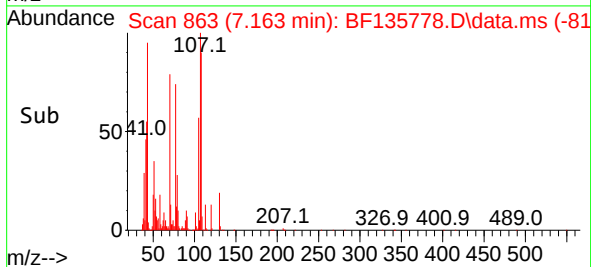
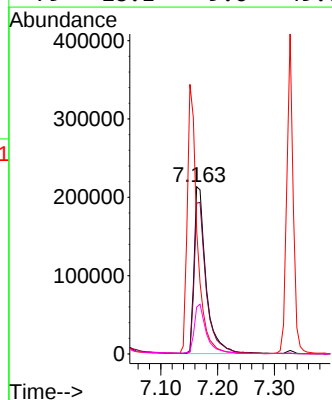
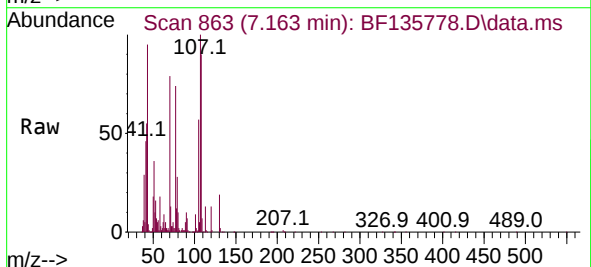
Ion	Ratio	Lower	Upper
70	100		
42	75.5	59.8	89.6
101	9.4	7.4	11.2
130	20.2	16.6	24.8

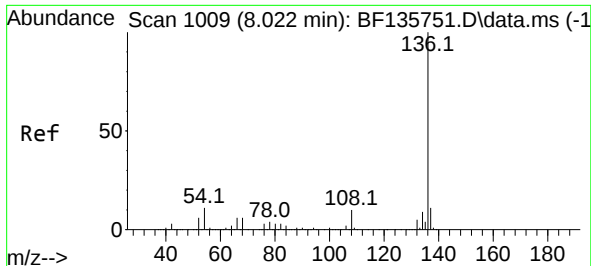


#20
3+4-Methylphenols
Concen: 49.440 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion: 107 Resp: 311718

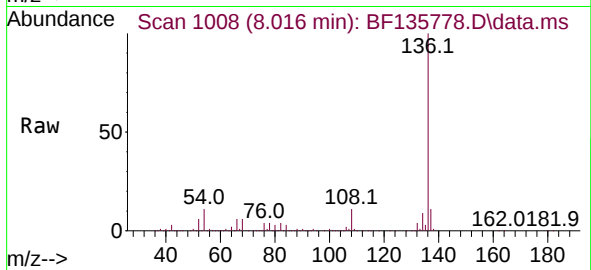
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.1	111.1
77	73.9	42.0	82.0
79	28.1	9.6	49.6



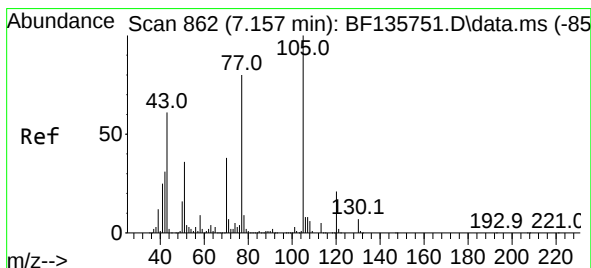
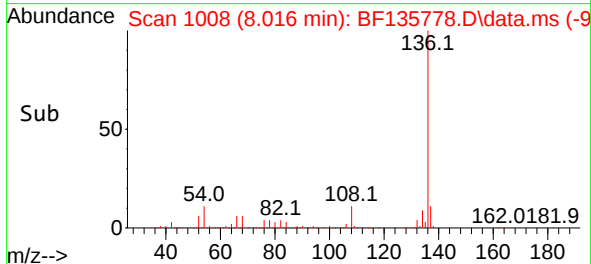
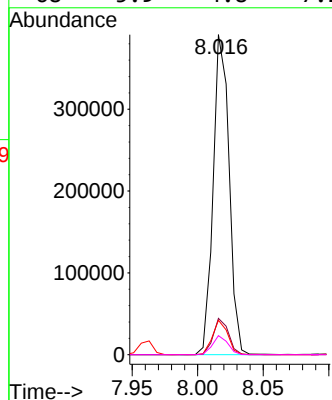


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

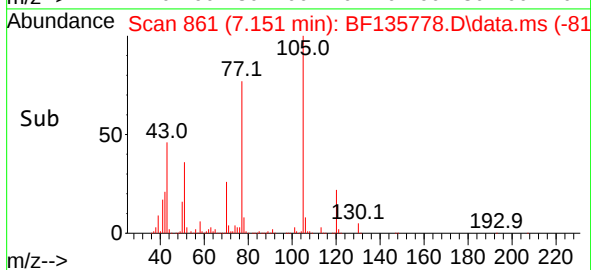
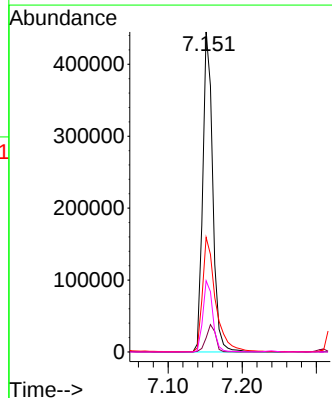
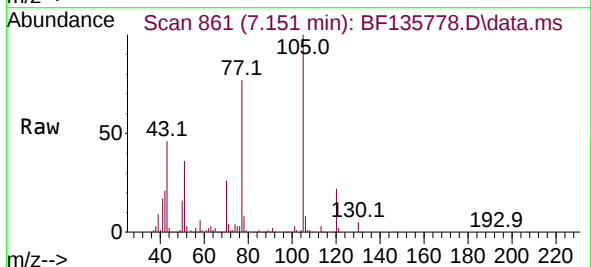


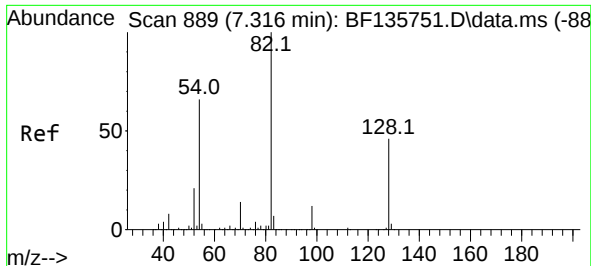
Tgt Ion:136 Resp: 331598
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.7 8.5 12.7
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 54.968 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:105 Resp: 418027
Ion Ratio Lower Upper
105 100
71 4.4 5.4 8.0#
51 35.8 29.4 44.0
120 22.2 16.9 25.3

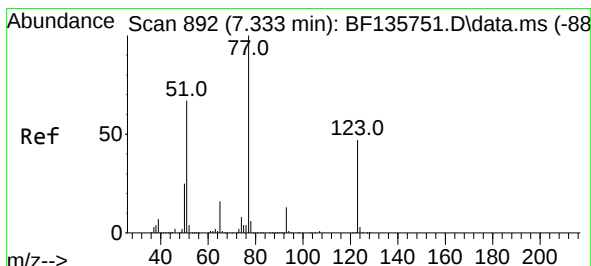
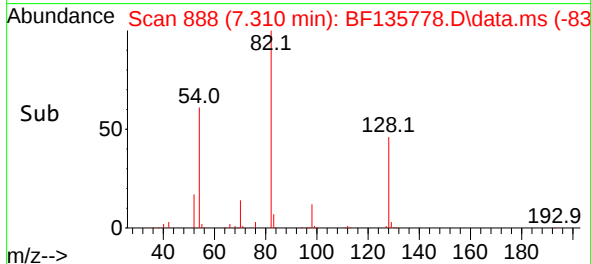
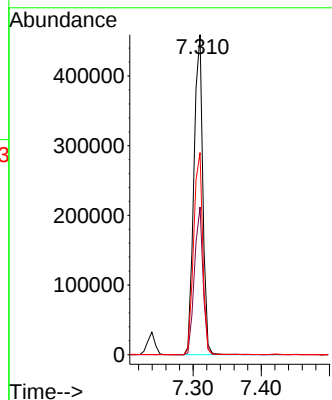
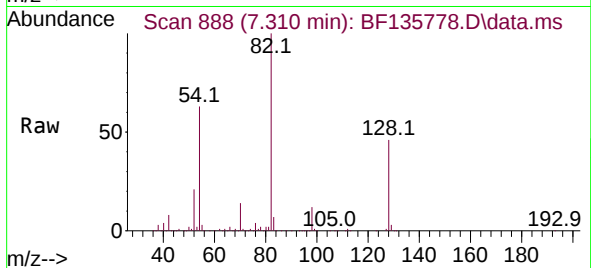




#23
Nitrobenzene-d5
Concen: 68.601 ng
RT: 7.310 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

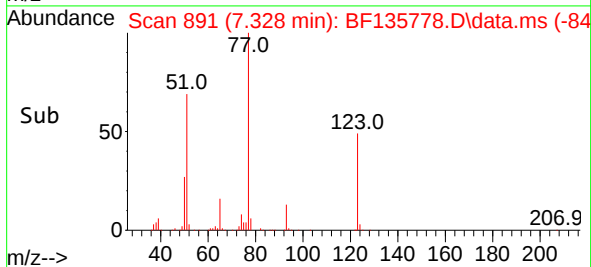
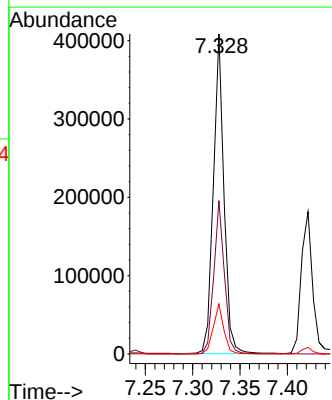
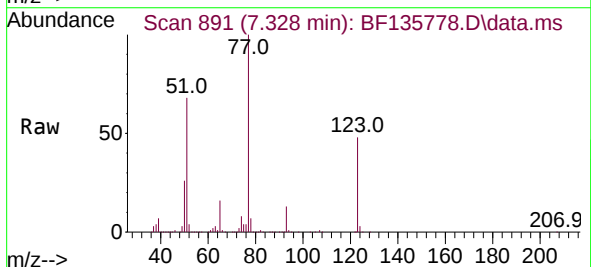
Instrument :
BNA_F
ClientSampleId :

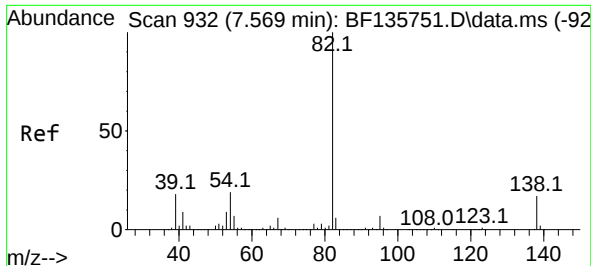
Tgt Ion: 82 Resp: 413602
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.6
54 63.2 52.8 79.2



#24
Nitrobenzene
Concen: 52.378 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion: 77 Resp: 316940
Ion Ratio Lower Upper
77 100
123 47.9 37.3 55.9
65 15.6 12.6 18.8

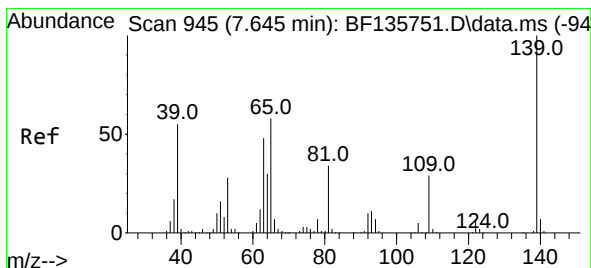
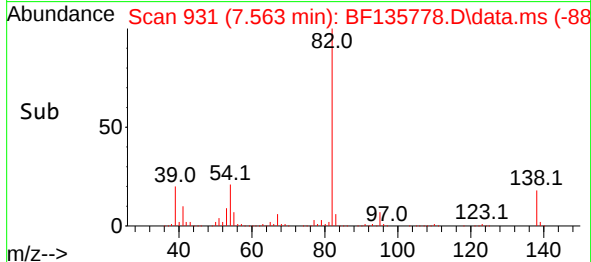
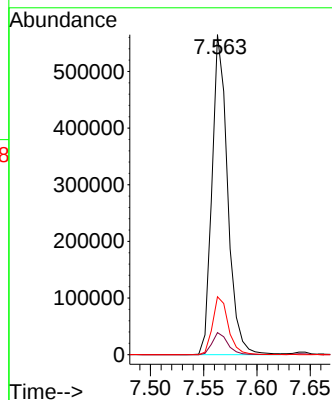
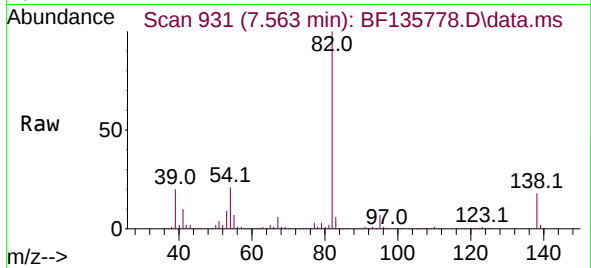




#25
Isophorone
Concen: 50.749 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

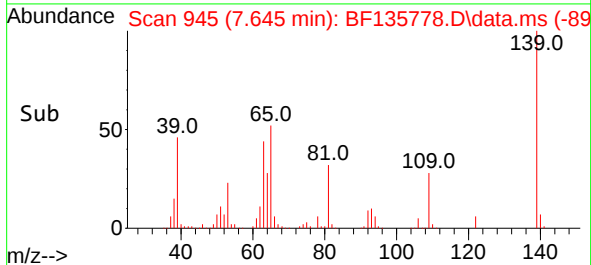
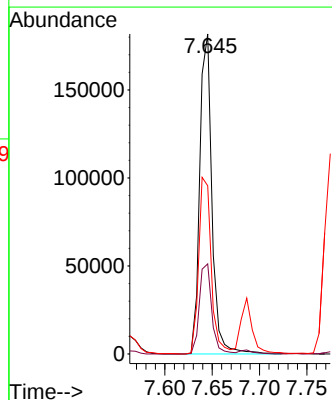
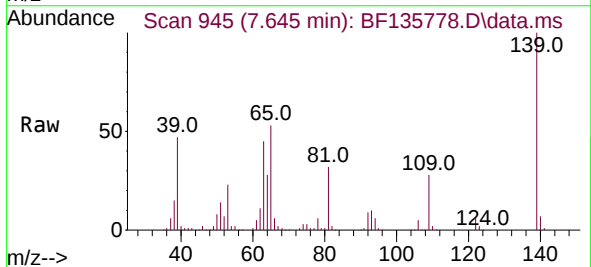
Instrument :
BNA_F
ClientSampleId :

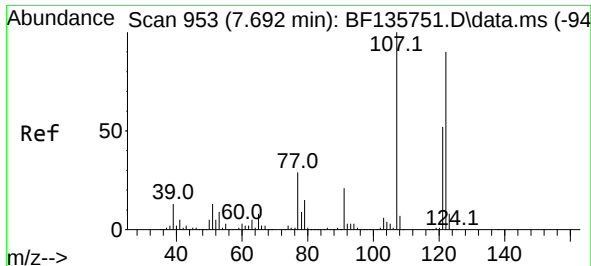
Tgt Ion: 82 Resp: 577234
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 55.164 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:139 Resp: 162899
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.4
65 52.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 48.385 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

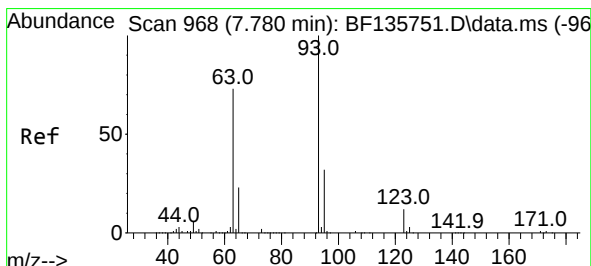
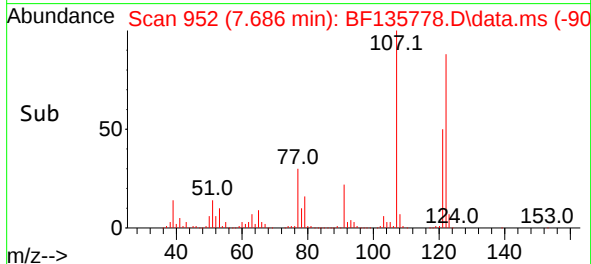
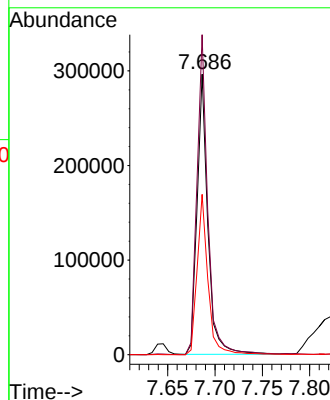
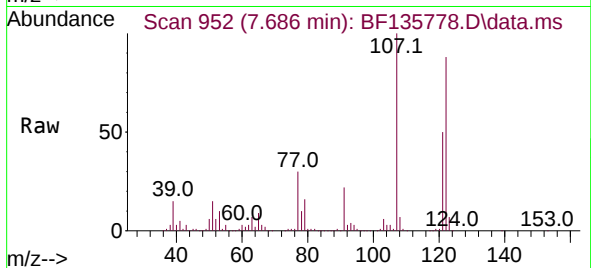
Tgt Ion:122 Resp: 235216

Ion Ratio Lower Upper

122 100

107 114.1 88.2 132.4

121 57.2 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 52.811 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

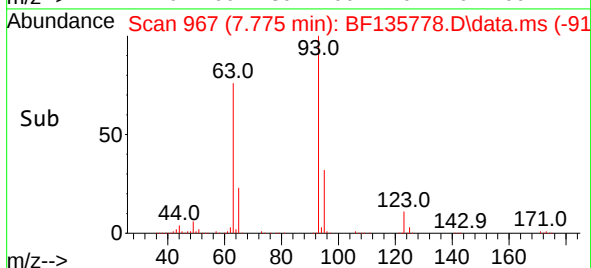
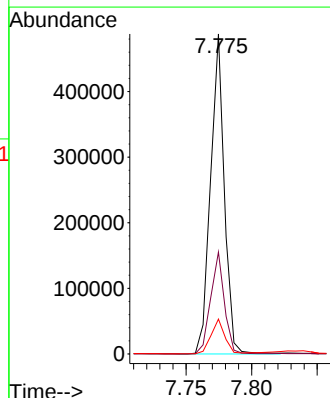
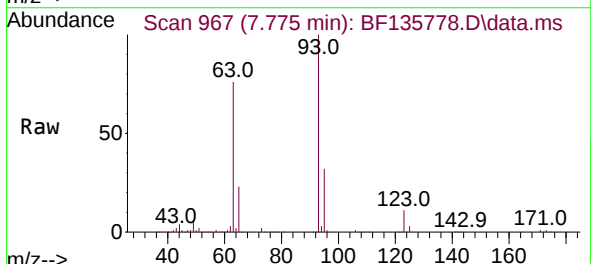
Tgt Ion: 93 Resp: 357731

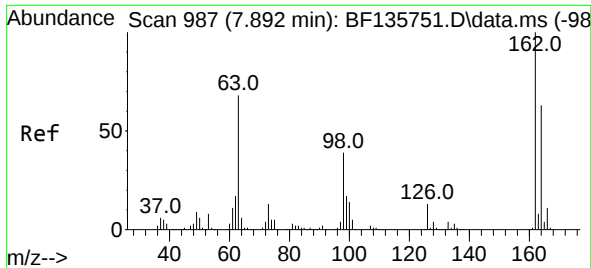
Ion Ratio Lower Upper

93 100

95 31.9 25.7 38.5

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.015 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

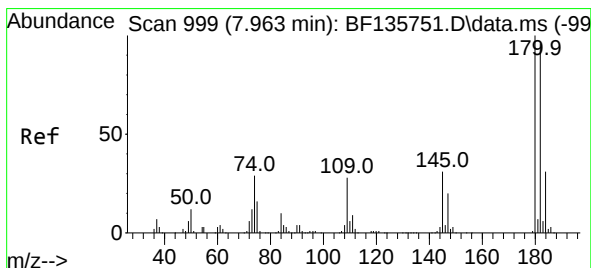
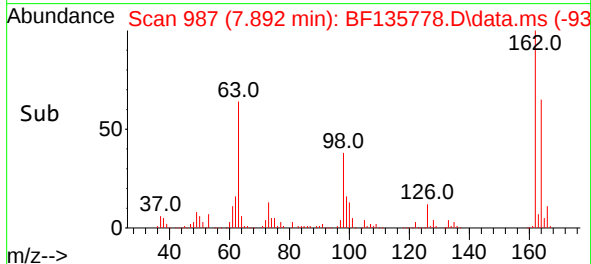
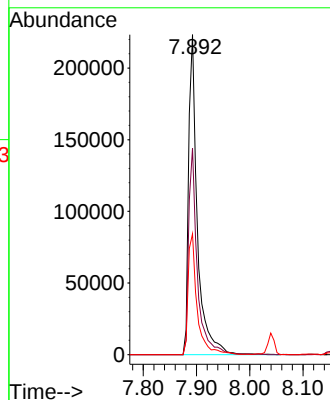
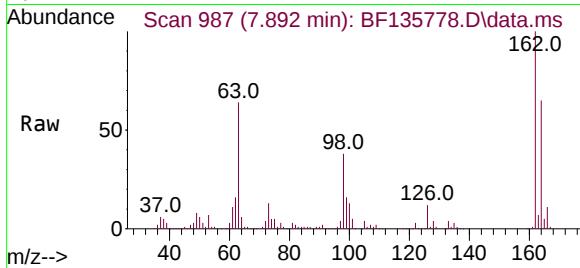
Tgt Ion:162 Resp: 255184

Ion Ratio Lower Upper

162 100

164 64.5 43.4 83.4

98 37.7 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 55.611 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

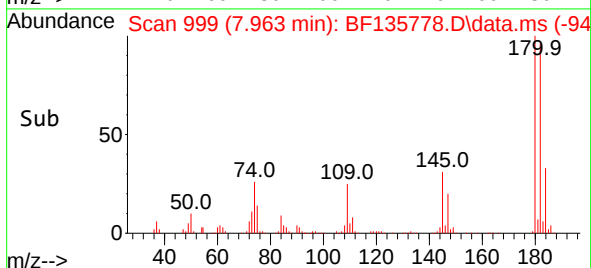
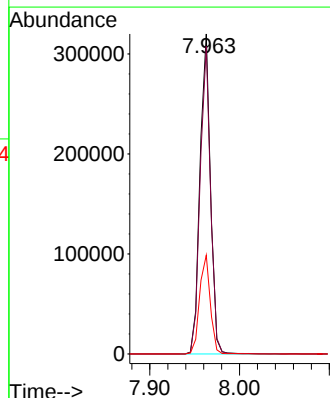
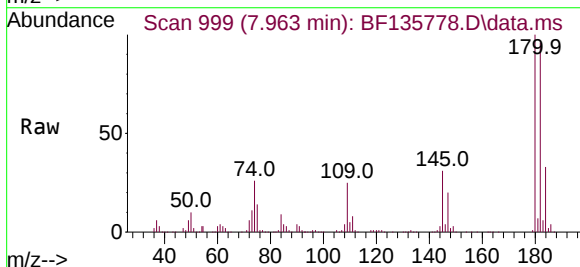
Tgt Ion:180 Resp: 259118

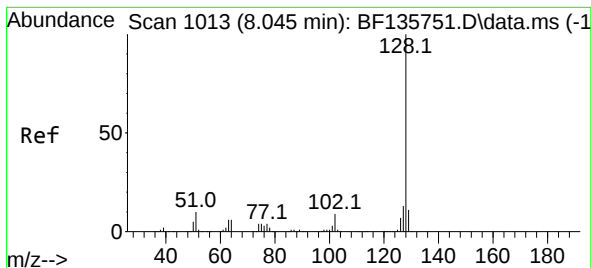
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 30.9 25.0 37.6





#31

Naphthalene

Concen: 54.430 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

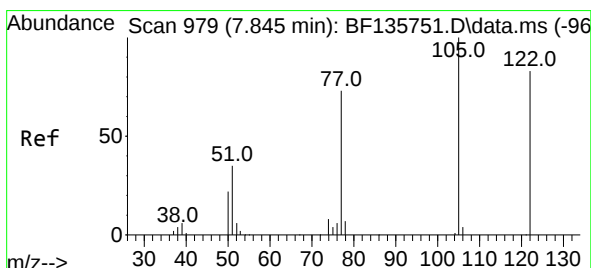
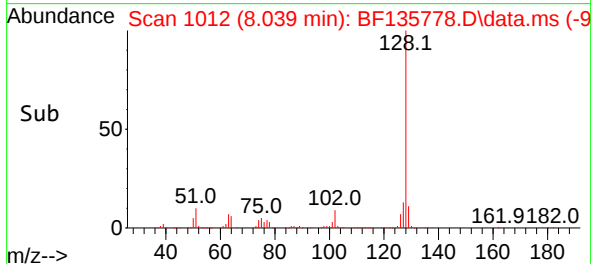
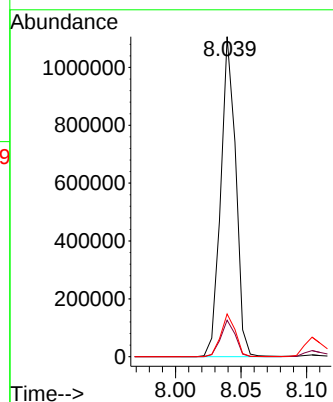
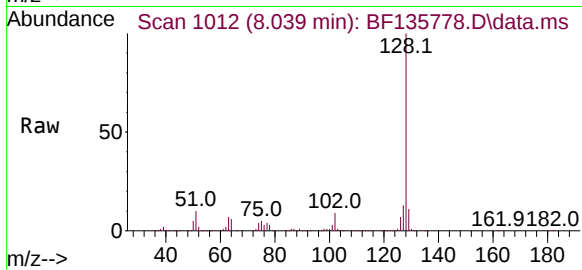
Tgt Ion:128 Resp: 880358

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.3 10.2 15.4



#32

Benzoic acid

Concen: 50.182 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.012 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

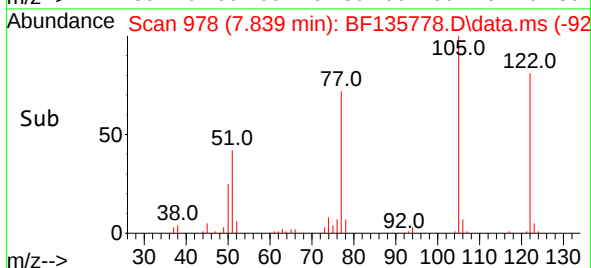
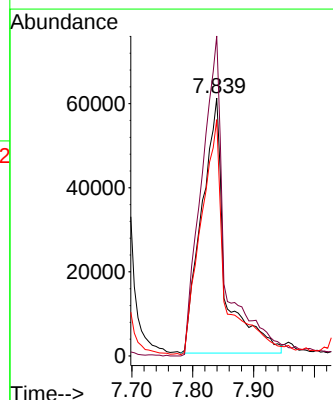
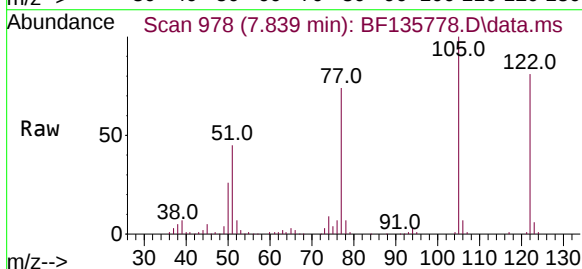
Tgt Ion:122 Resp: 165130

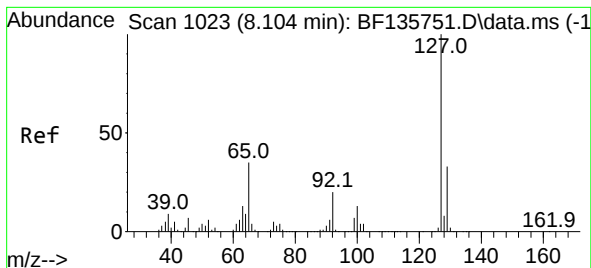
Ion Ratio Lower Upper

122 100

105 124.0 98.7 138.7

77 91.6 67.8 107.8

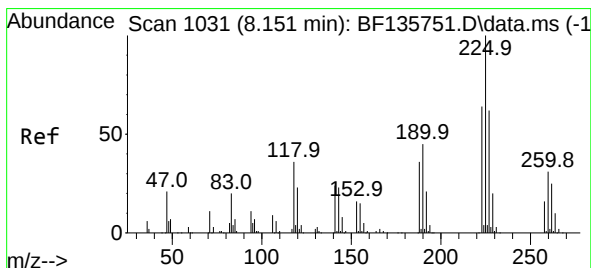
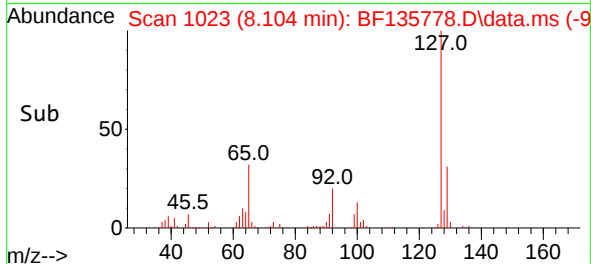
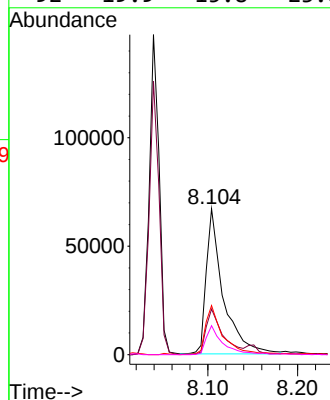
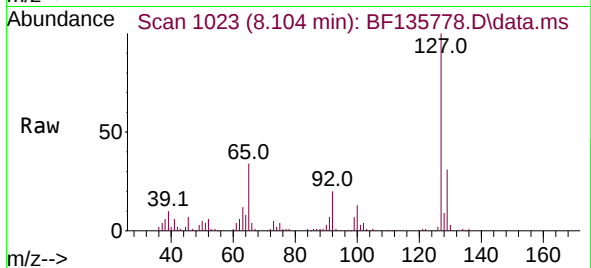




#33
4-Chloroaniline
Concen: 12.469 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

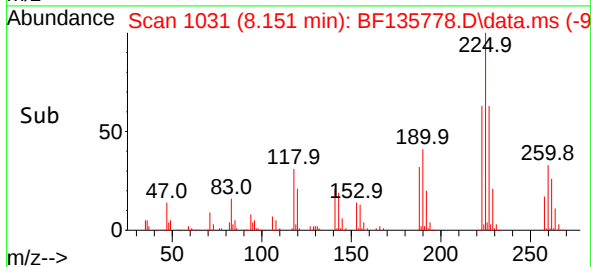
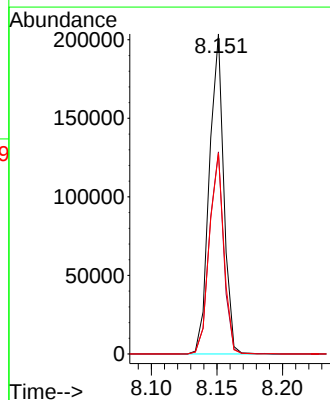
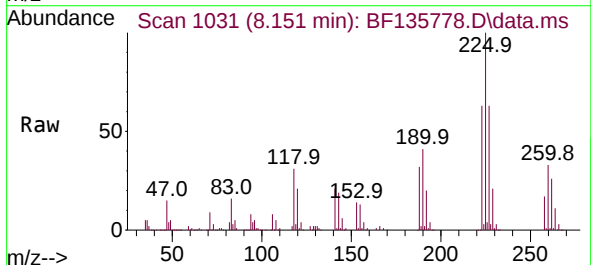
Instrument :
BNA_F
ClientSampleId :

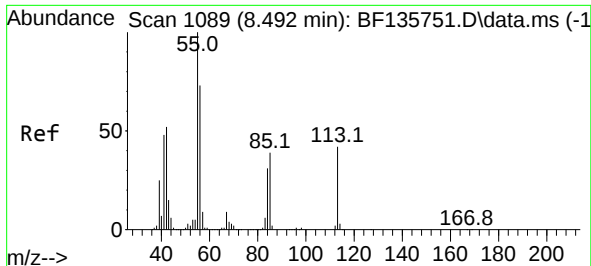
Tgt Ion:	127	Resp:	88097
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.5	39.7
65	33.7	27.9	41.9
92	19.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 56.416 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

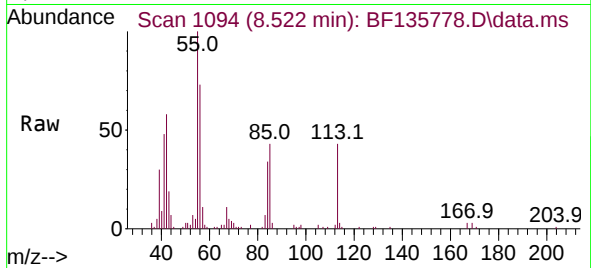
Tgt Ion:	225	Resp:	155595
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.1	76.7
227	62.8	49.7	74.5



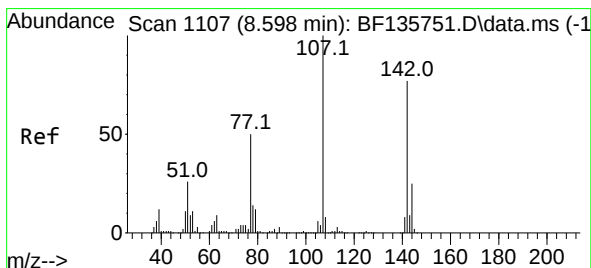
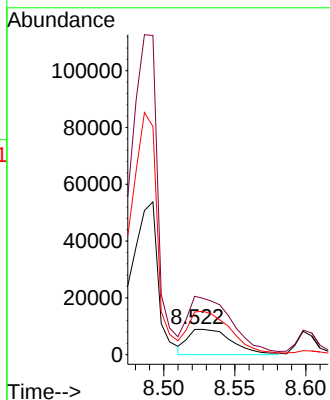
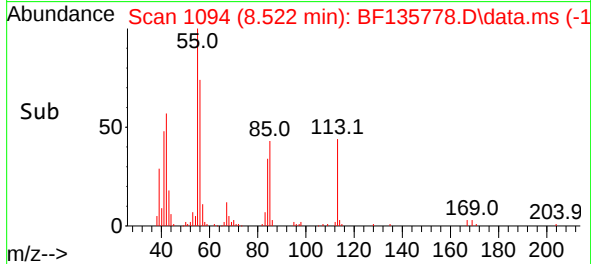


#35
 Caprolactam
 Concen: 12.434 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.023 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

Instrument :
 BNA_F
 ClientSampleId :

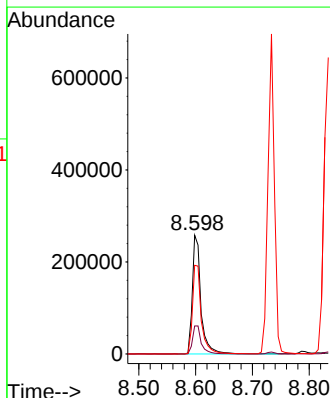
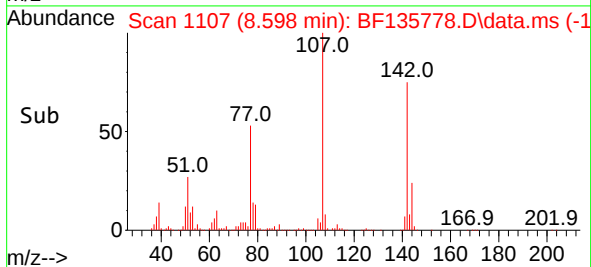
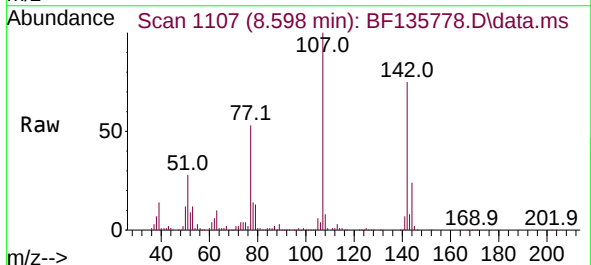


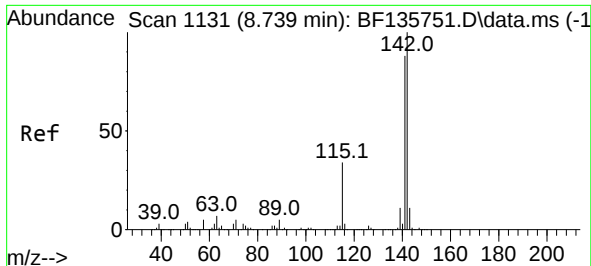
Tgt Ion:113 Resp: 19364
 Ion Ratio Lower Upper
 113 100
 55 230.8 217.4 257.4
 56 168.8 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 54.188 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

Tgt Ion:107 Resp: 273765
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.8 29.8
 142 74.7 61.3 91.9

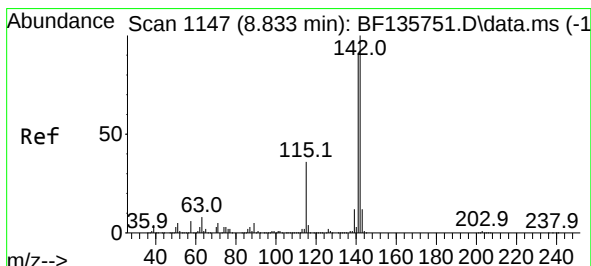
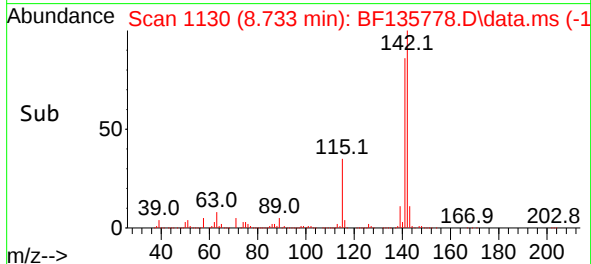
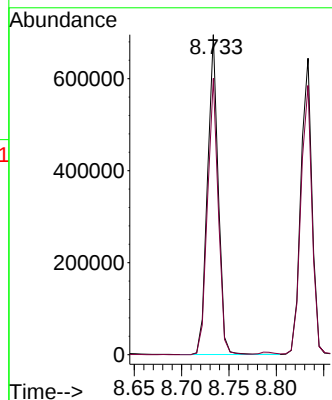
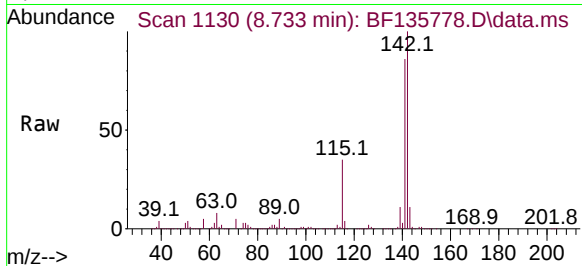




#37
2-Methylnaphthalene
Concen: 51.325 ng
RT: 8.733 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

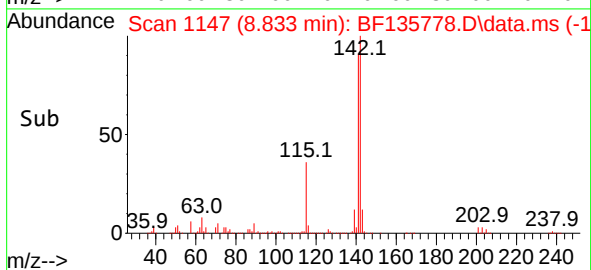
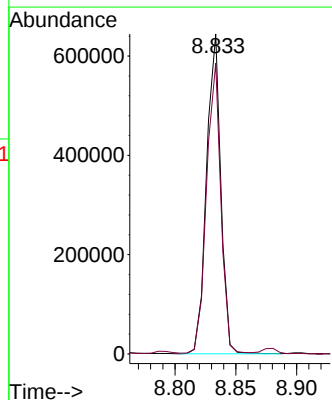
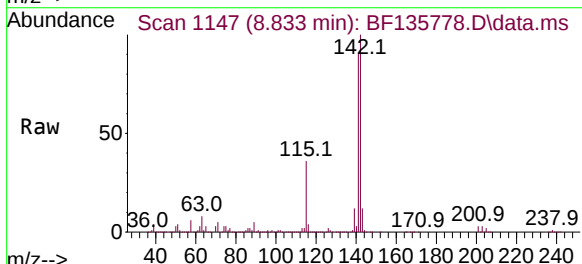
Instrument :
BNA_F
ClientSampleId :

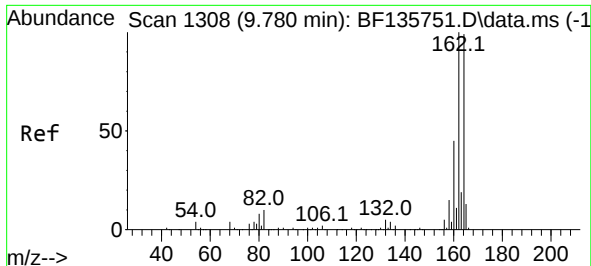
Tgt Ion:142 Resp: 546929
Ion Ratio Lower Upper
142 100
141 86.4 70.6 105.8



#38
1-Methylnaphthalene
Concen: 53.402 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

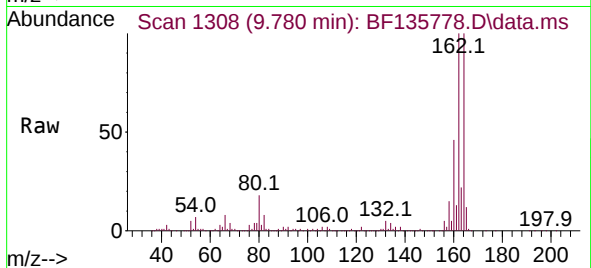
Tgt Ion:142 Resp: 524870
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1



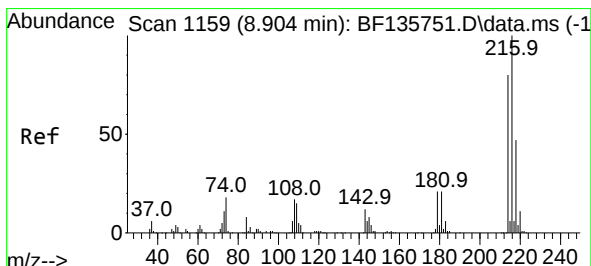
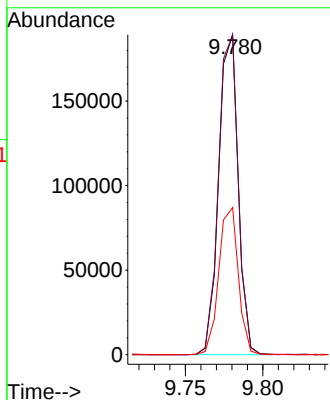
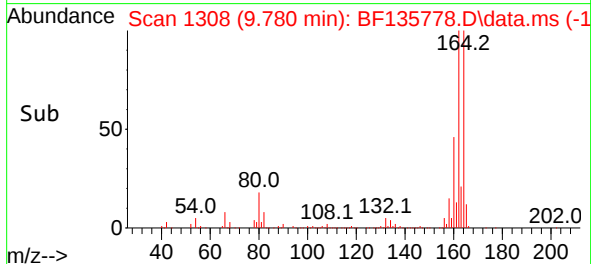


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

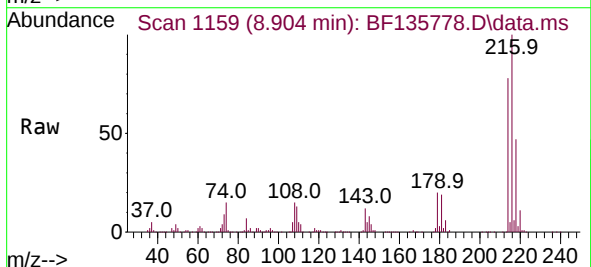
Instrument :
BNA_F
ClientSampleId :



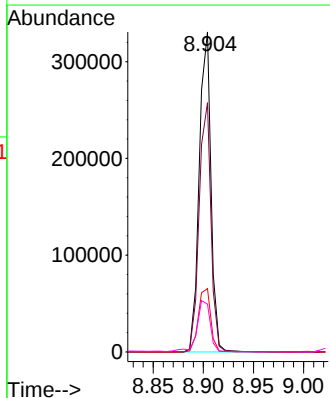
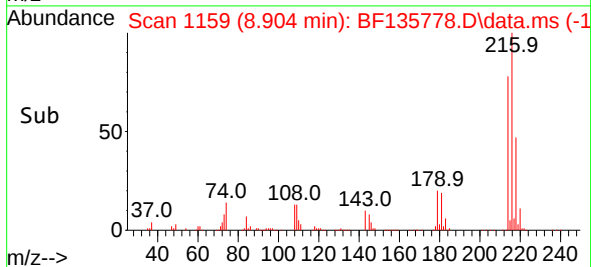
Tgt Ion:164 Resp: 165309
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 46.0 36.6 54.8

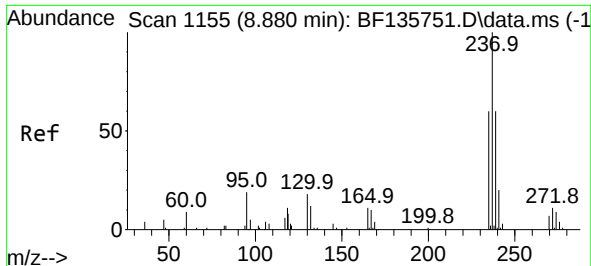


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.658 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47



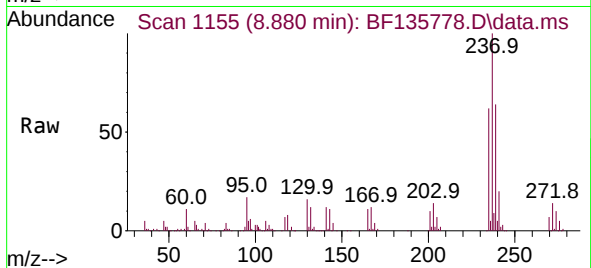
Tgt Ion:216 Resp: 269422
Ion Ratio Lower Upper
216 100
214 78.7 64.0 96.0
179 21.2 16.9 25.3
108 18.3 14.4 21.6



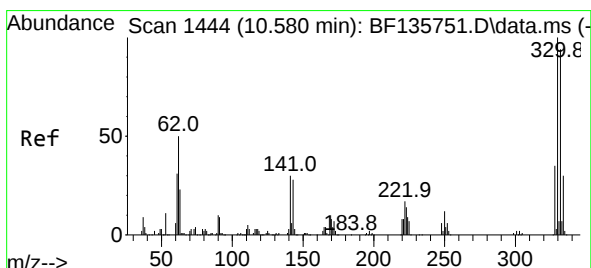
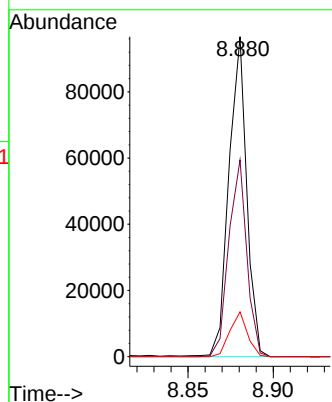
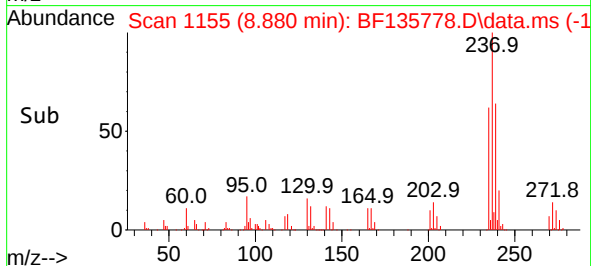


#41
Hexachlorocyclopentadiene
Concen: 75.395 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

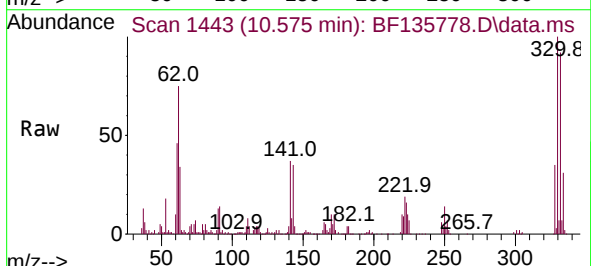
Instrument :
BNA_F
ClientSampleId :



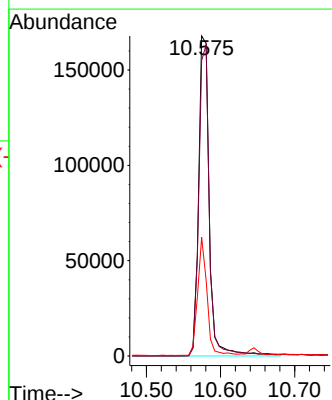
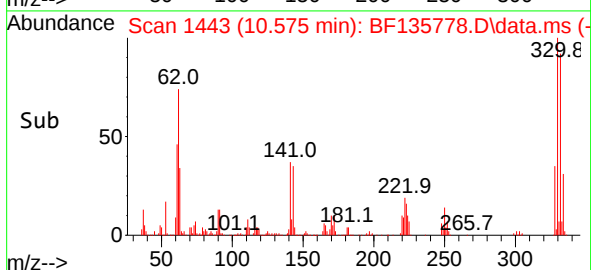
Tgt Ion:237 Resp: 70261
Ion Ratio Lower Upper
237 100
235 61.5 40.0 80.0
272 14.0 0.0 30.9

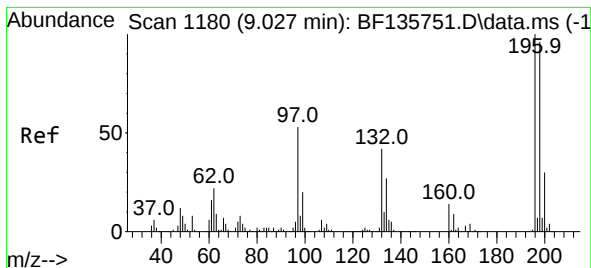


#42
2,4,6-Tribromophenol
Concen: 105.421 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47



Tgt Ion:330 Resp: 167226
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.4
141 32.4 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 55.266 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

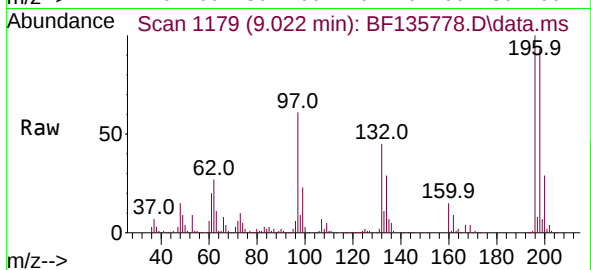
Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :



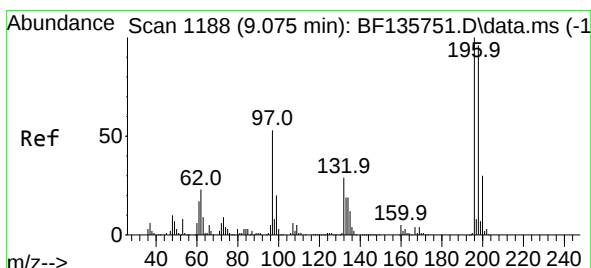
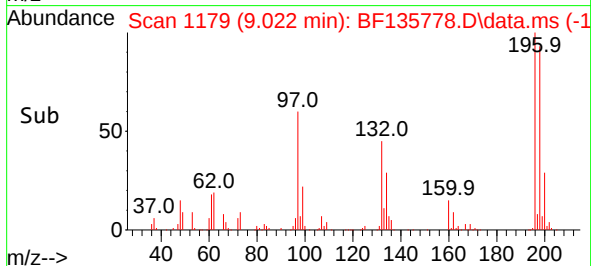
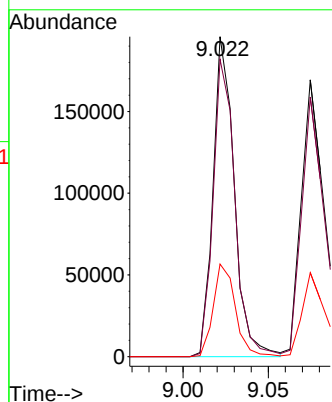
Tgt Ion:196 Resp: 169352

Ion Ratio Lower Upper

196 100

198 93.0 76.7 115.1

200 28.9 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 50.965 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Tgt Ion:196 Resp: 181643

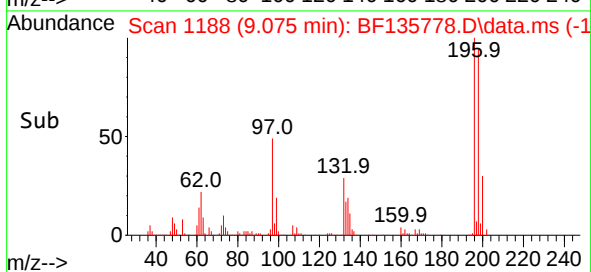
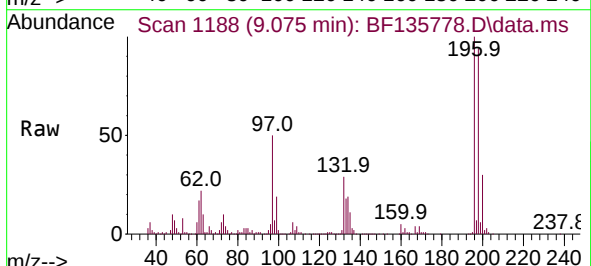
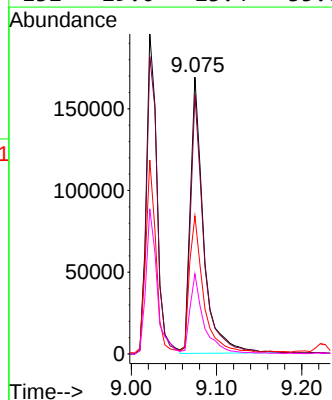
Ion Ratio Lower Upper

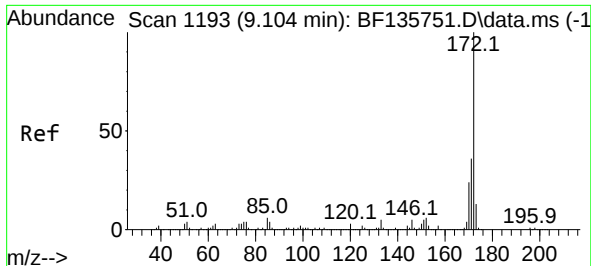
196 100

198 93.8 77.0 115.6

97 49.9 42.2 63.2

132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 68.603 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

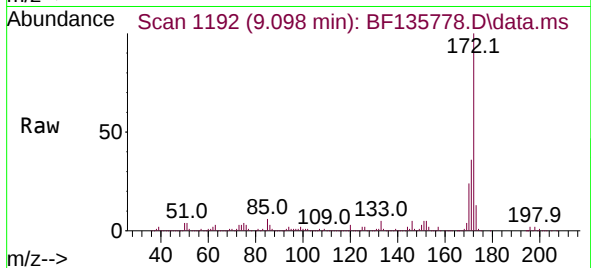
Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :



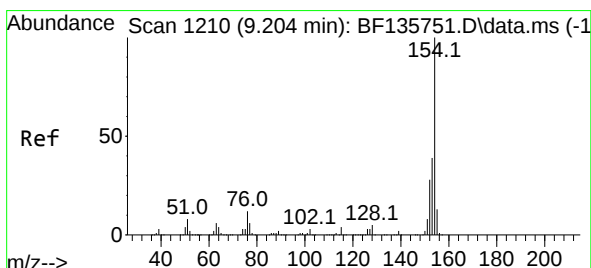
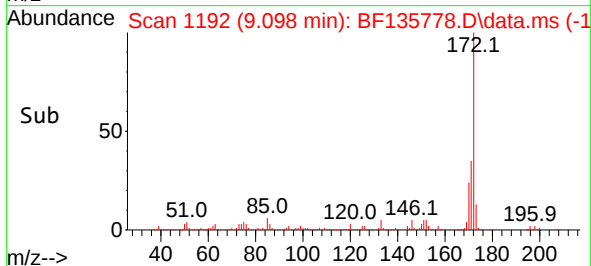
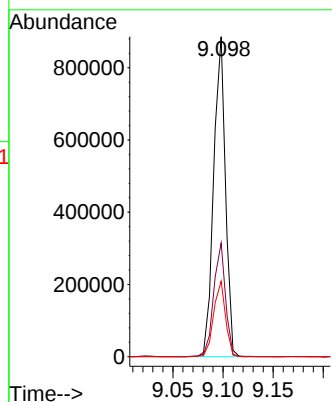
Tgt Ion:172 Resp: 725338

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: 55.184 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

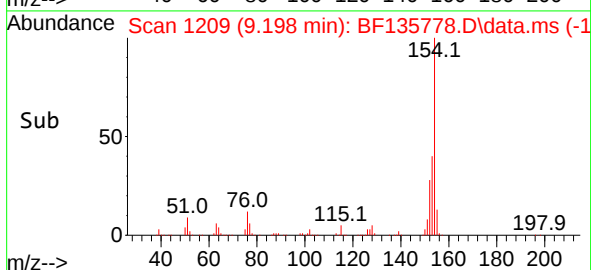
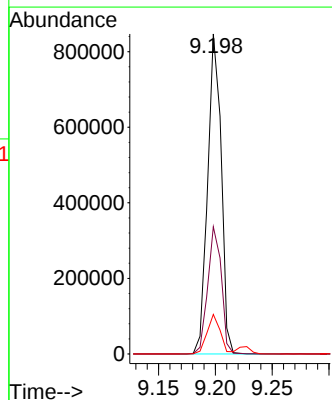
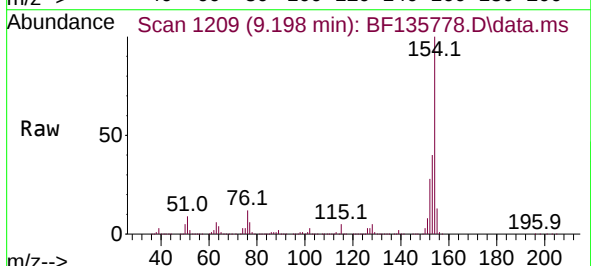
Tgt Ion:154 Resp: 698795

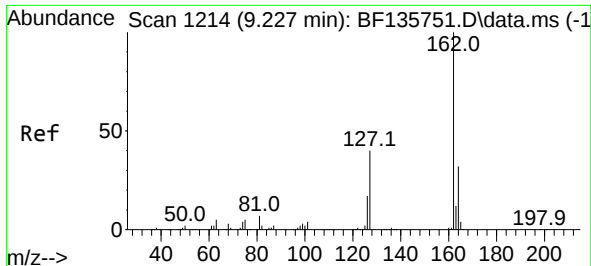
Ion Ratio Lower Upper

154 100

153 39.8 19.4 59.4

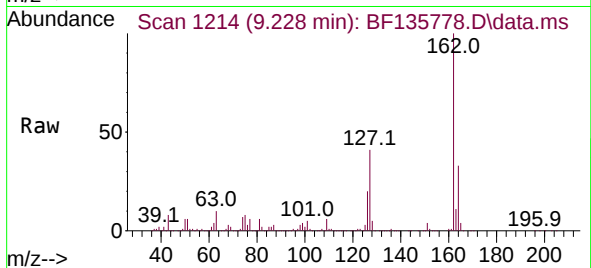
76 12.4 0.0 31.7



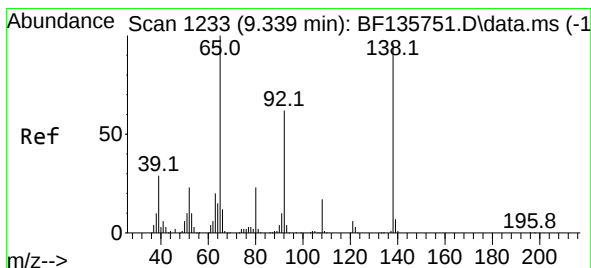
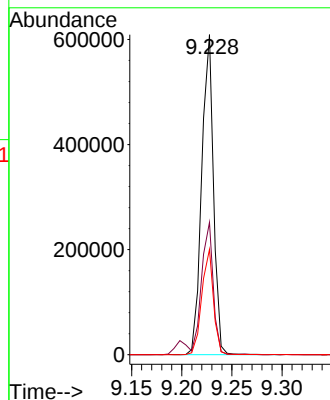
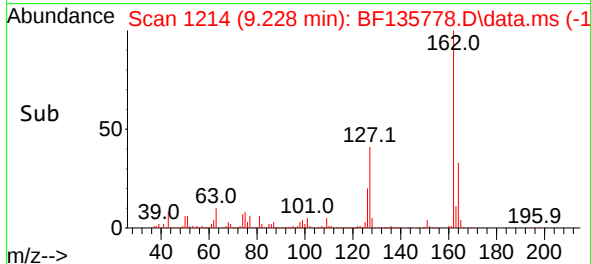


#47
2-Chloronaphthalene
Concen: 54.660 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

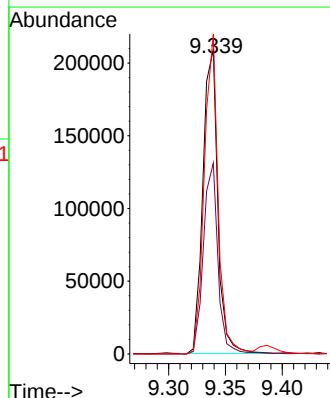
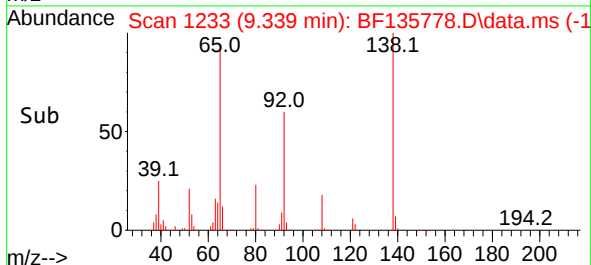
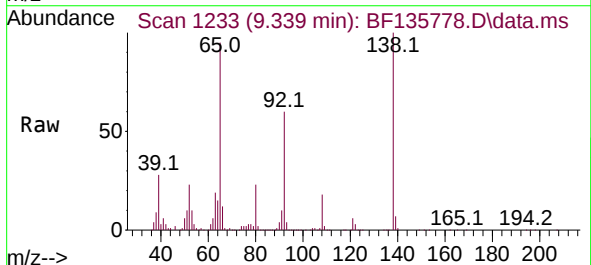


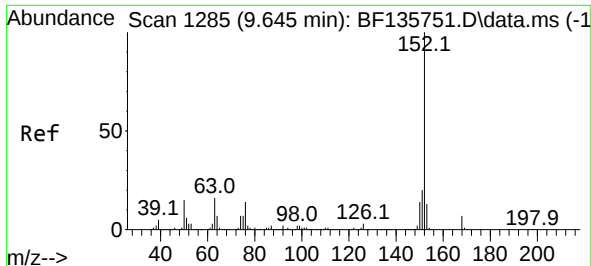
Tgt Ion:162 Resp: 498838
Ion Ratio Lower Upper
162 100
127 41.3 34.7 52.1
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 52.953 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion: 65 Resp: 190751
Ion Ratio Lower Upper
65 100
92 62.7 49.4 74.0
138 105.1 76.6 114.8





#49

Acenaphthylene

Concen: 54.669 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

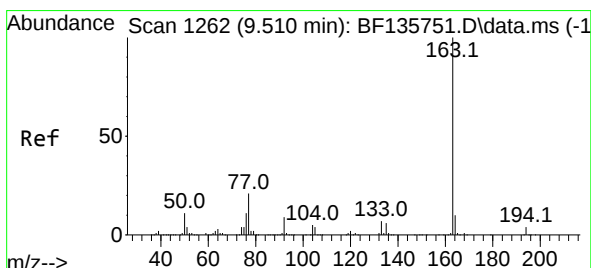
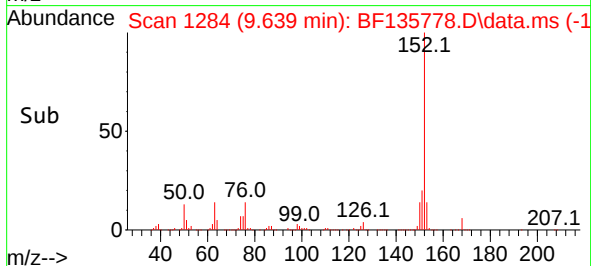
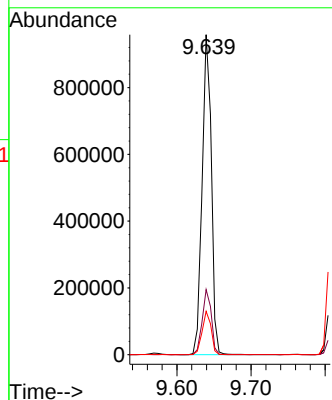
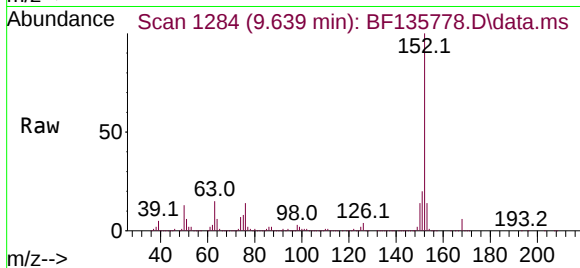
Tgt Ion:152 Resp: 825645

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 53.587 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

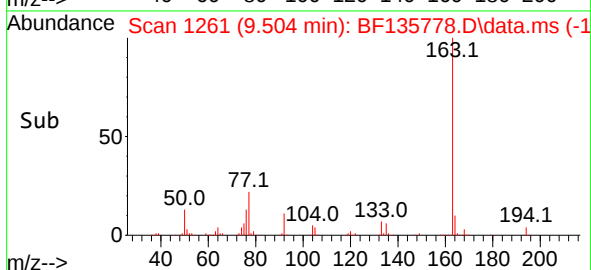
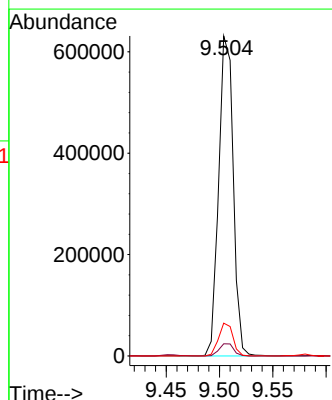
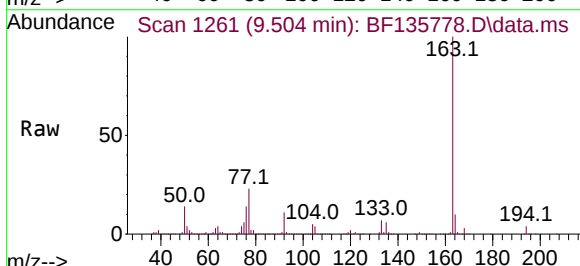
Tgt Ion:163 Resp: 597999

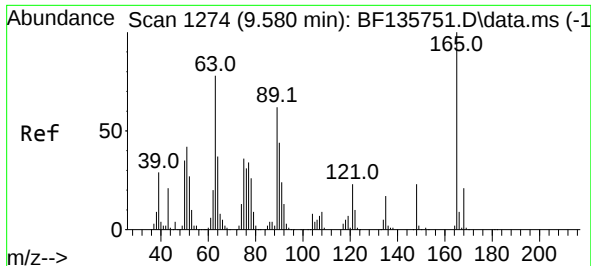
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

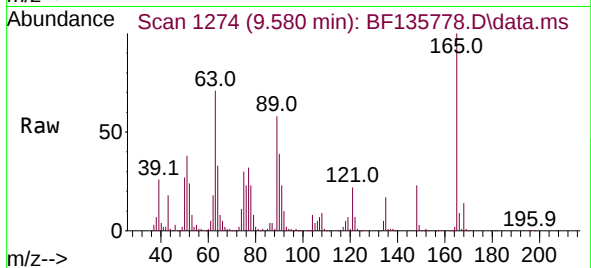
164 10.2 7.9 11.9



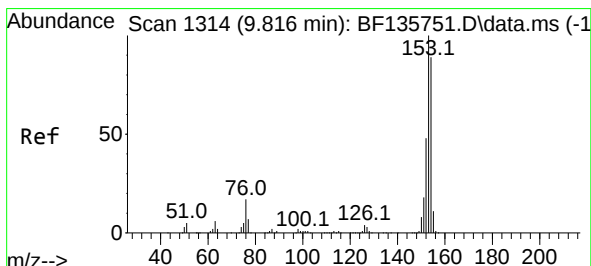
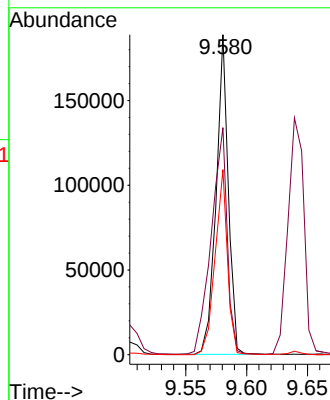
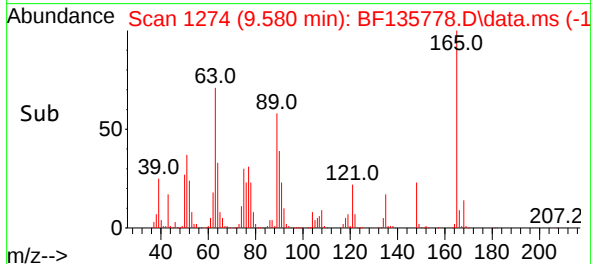


#51
2,6-Dinitrotoluene
Concen: 54.506 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

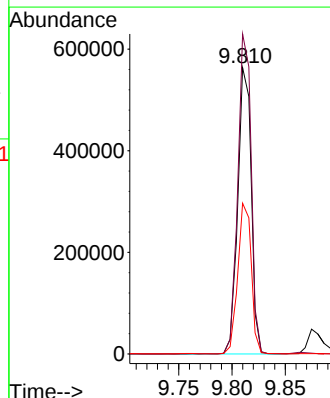
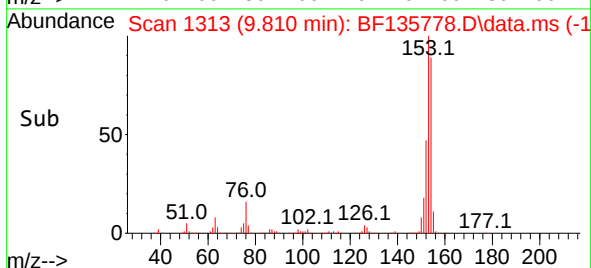
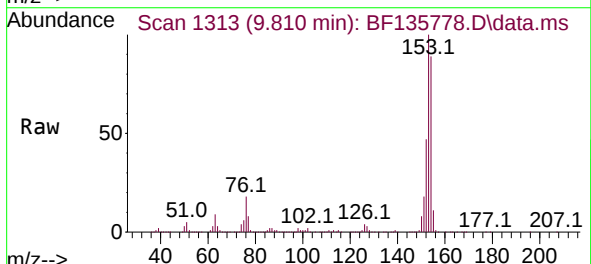


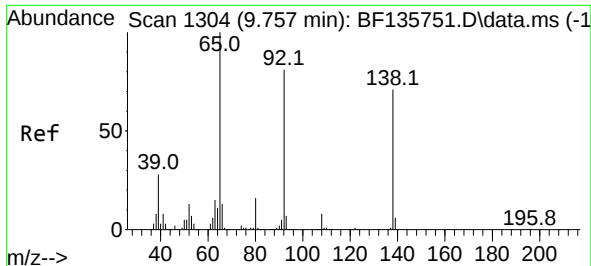
Tgt Ion:165 Resp: 130803
Ion Ratio Lower Upper
165 100
63 71.0 62.2 93.4
89 57.9 49.6 74.4



#52
Acenaphthene
Concen: 54.921 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:154 Resp: 497158
Ion Ratio Lower Upper
154 100
153 111.8 90.1 135.1
152 52.6 43.1 64.7

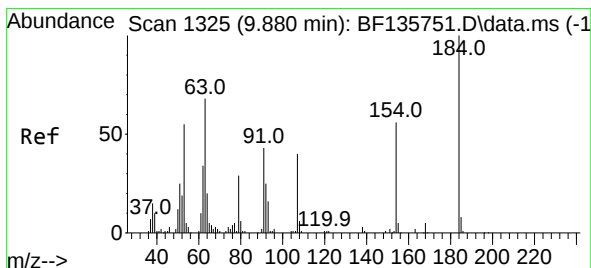
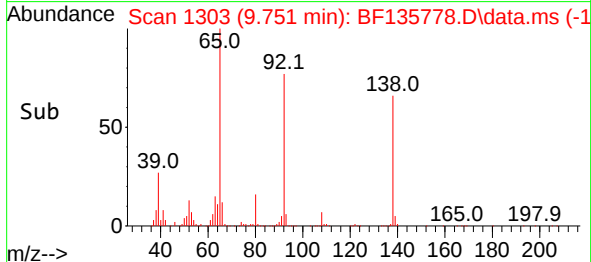
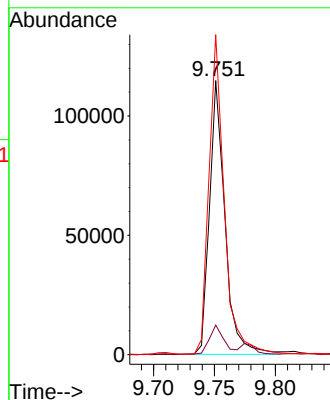
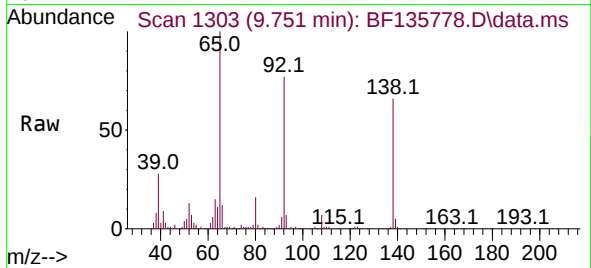




#53
3-Nitroaniline
Concen: 34.480 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

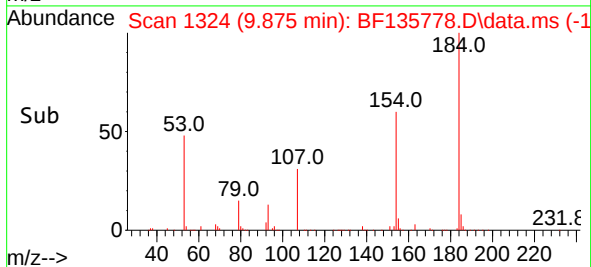
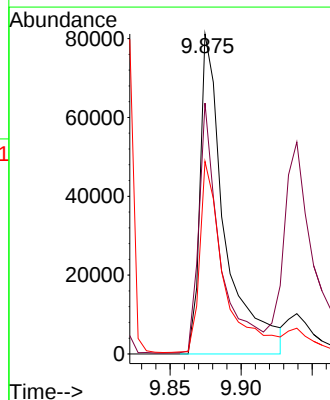
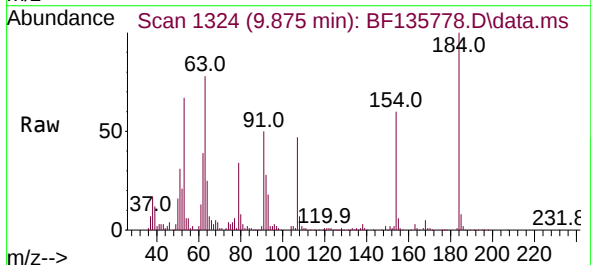
Instrument :
BNA_F
ClientSampleId :

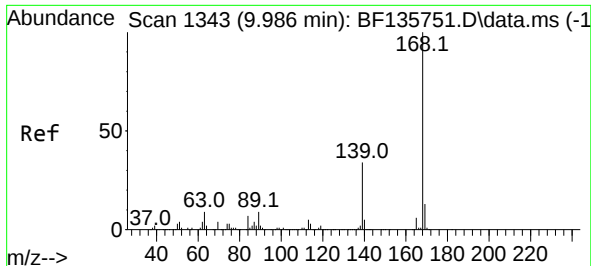
Tgt Ion:138 Resp: 101434
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 116.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 98.584 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:184 Resp: 98755
Ion Ratio Lower Upper
184 100
63 78.4 54.6 81.8
154 60.1 45.0 67.4

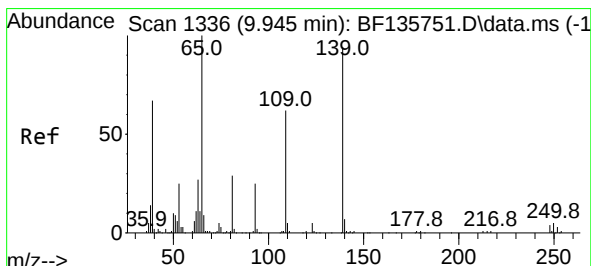
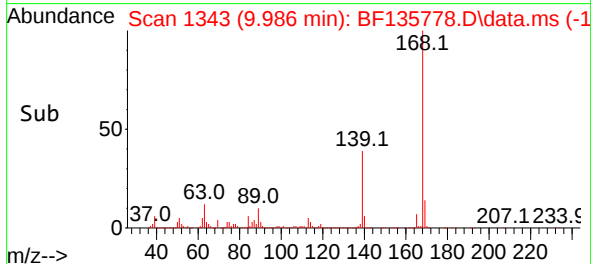
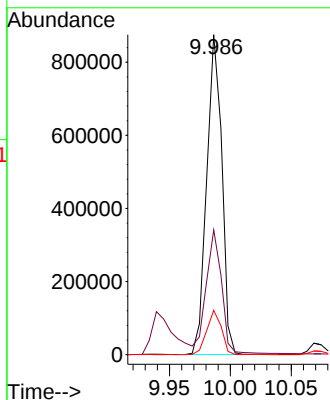
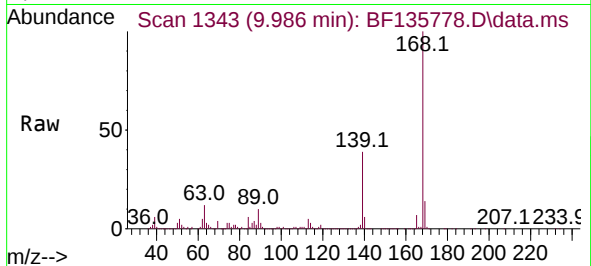




#55
Dibenzenofuran
Concen: 55.315 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

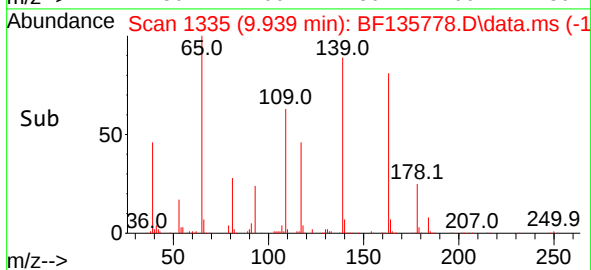
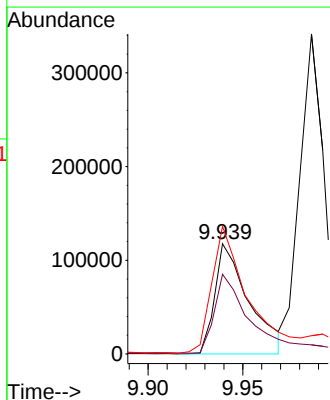
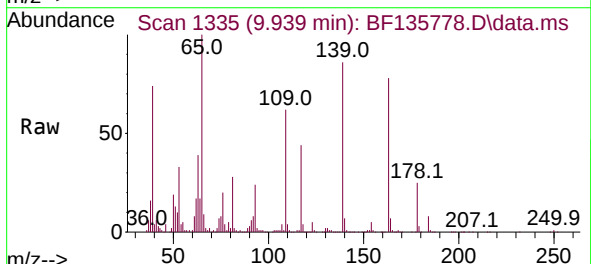
Instrument :
BNA_F
ClientSampleId :

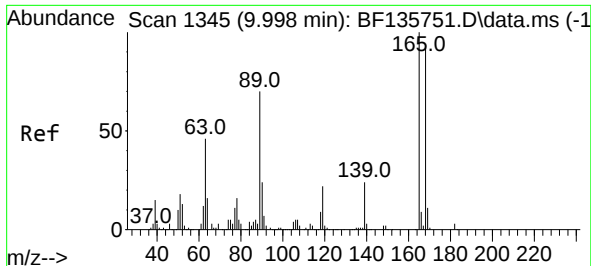
Tgt Ion:168 Resp: 755532
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.4
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 107.160 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:139 Resp: 147137
Ion Ratio Lower Upper
139 100
109 72.2 45.6 85.6
65 115.8 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 55.769 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 170264

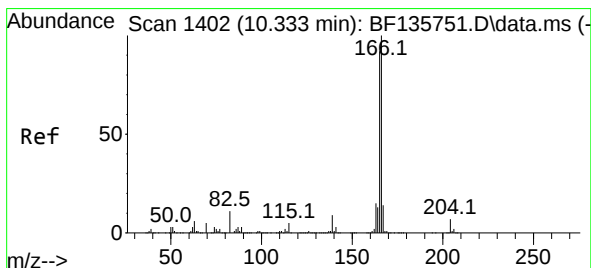
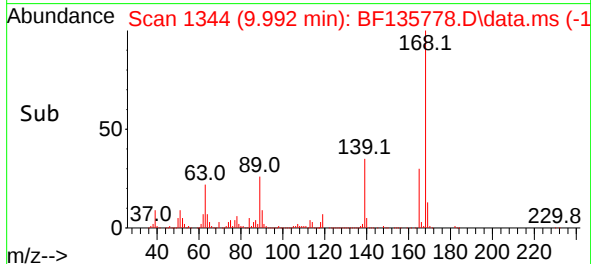
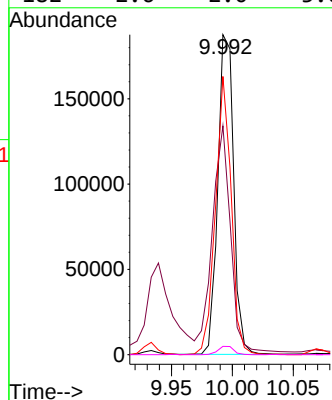
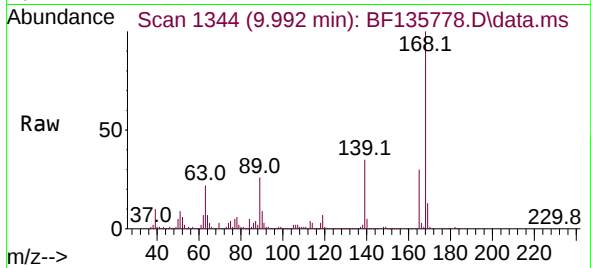
Ion Ratio Lower Upper

165 100

63 71.5 39.0 58.4#

89 86.9 55.9 83.9#

182 2.6 2.0 3.0



#58

Fluorene

Concen: 56.962 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

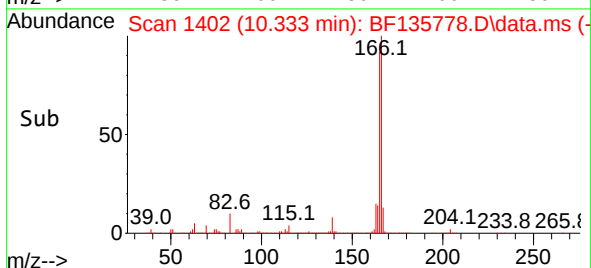
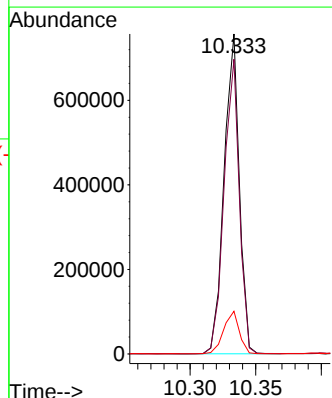
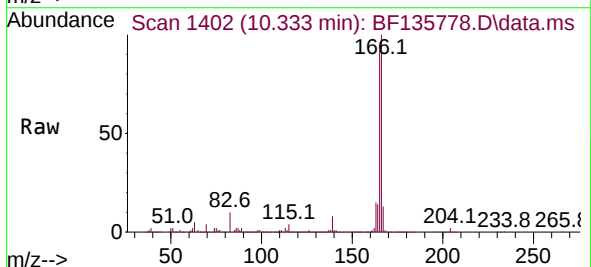
Tgt Ion:166 Resp: 609091

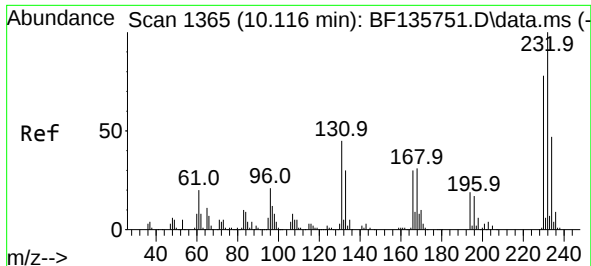
Ion Ratio Lower Upper

166 100

165 92.1 73.4 110.0

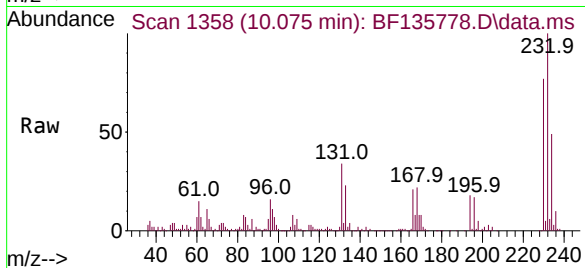
167 13.4 11.0 16.6



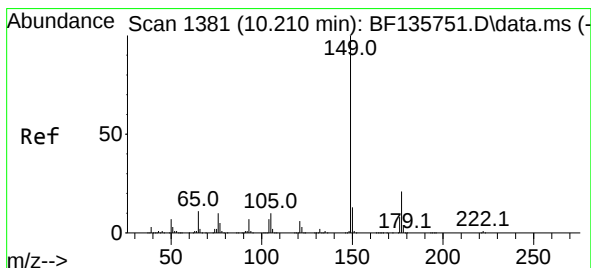
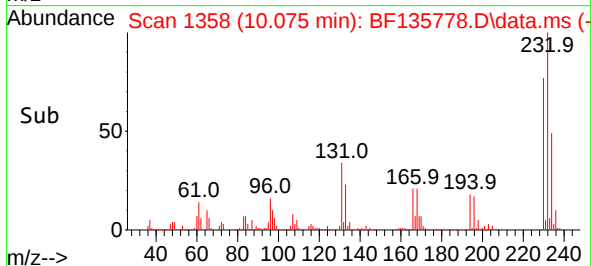
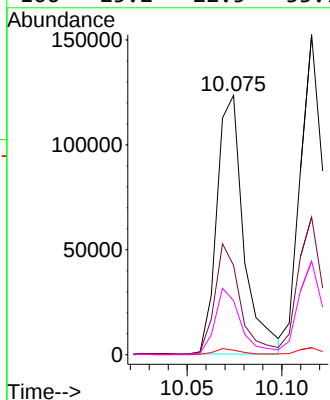


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.266 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.047 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

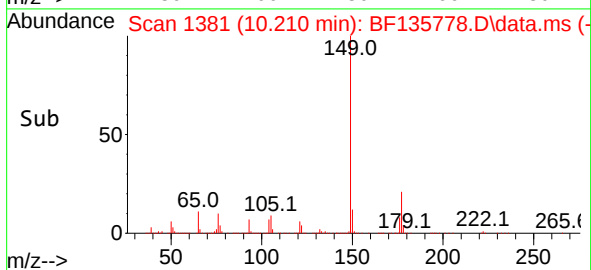
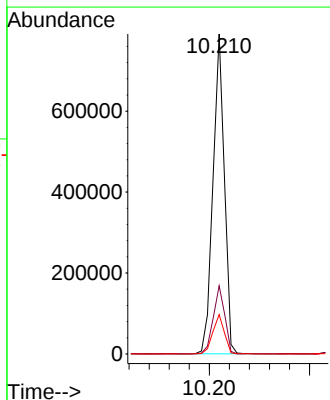
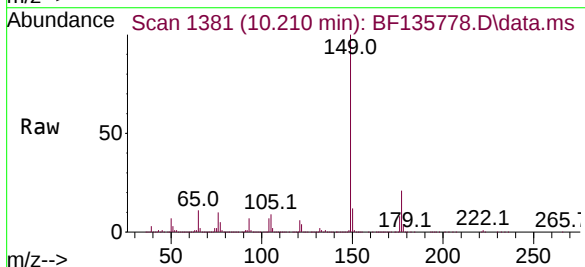


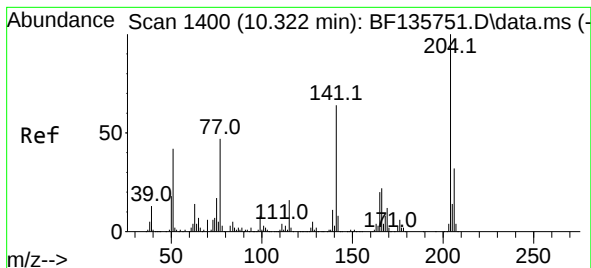
Tgt Ion:232 Resp: 121921
Ion Ratio Lower Upper
232 100
131 40.4 35.8 53.6
130 2.3 1.9 2.9
166 25.2 22.5 33.7



#60
Diethylphthalate
Concen: 54.632 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:149 Resp: 622396
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.3 10.2 15.2

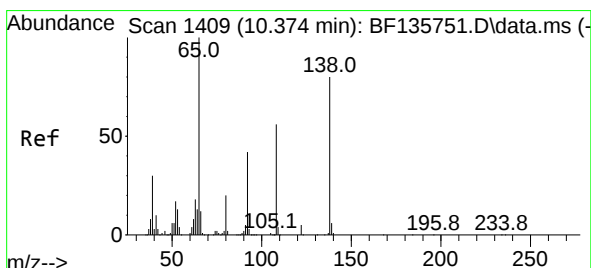
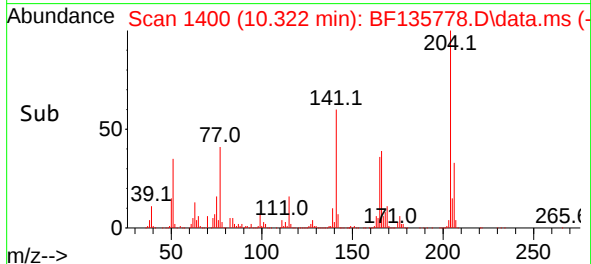
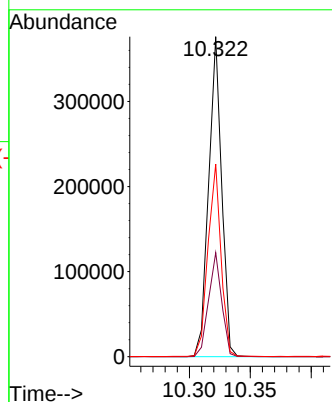
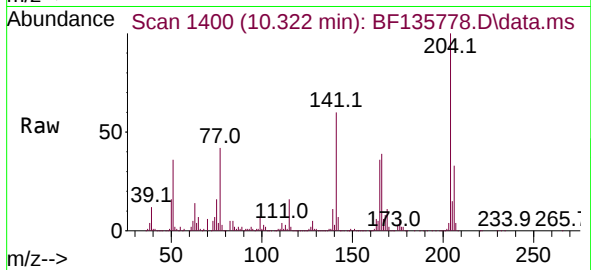




#61
4-Chlorophenyl-phenylether
Concen: 53.967 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

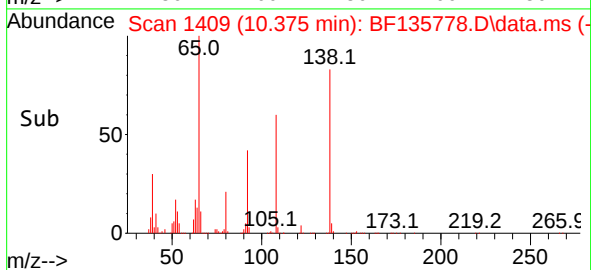
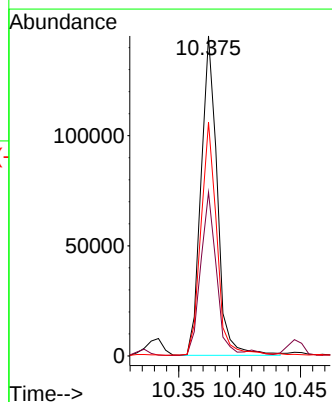
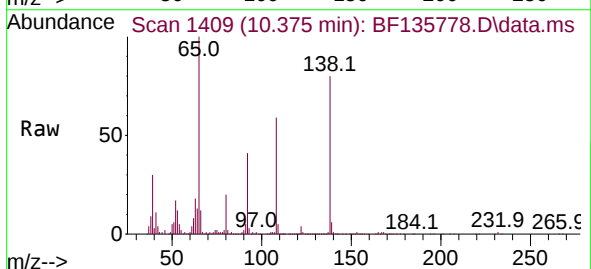
Instrument :
BNA_F
ClientSampleId :

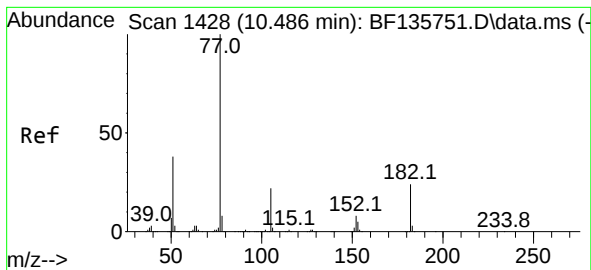
Tgt Ion:204 Resp: 278902
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 60.2 51.4 77.0



#62
4-Nitroaniline
Concen: 49.603 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:138 Resp: 134260
Ion Ratio Lower Upper
138 100
92 51.2 31.9 71.9
108 73.0 49.7 89.7





#63

Azobenzene

Concen: 53.987 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 597556

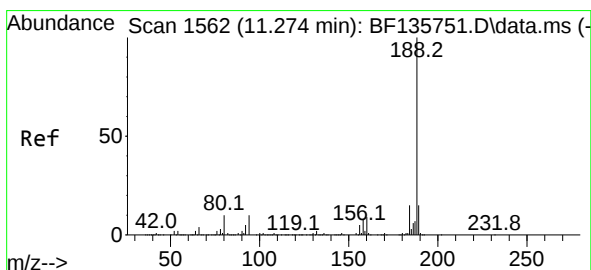
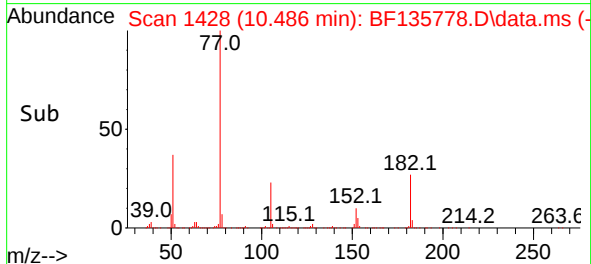
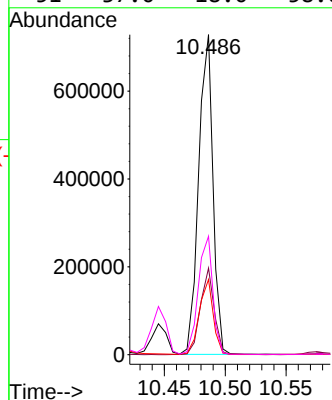
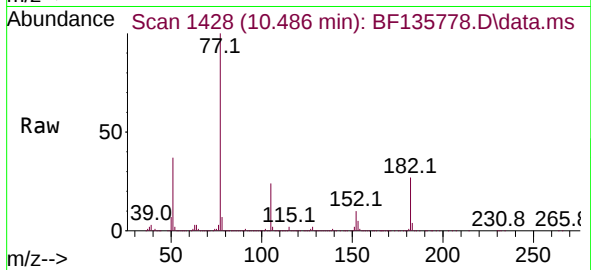
Ion Ratio Lower Upper

77 100

182 27.1 3.5 43.5

105 23.5 2.2 42.2

51 37.0 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

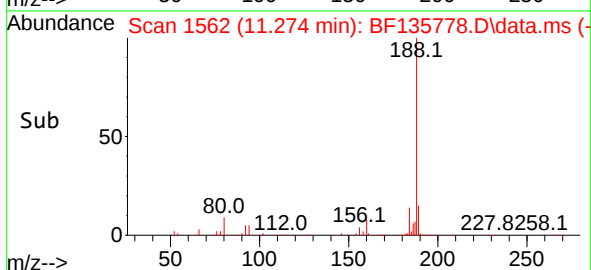
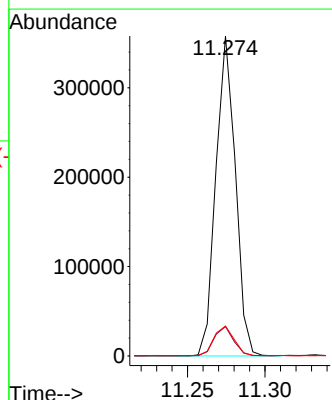
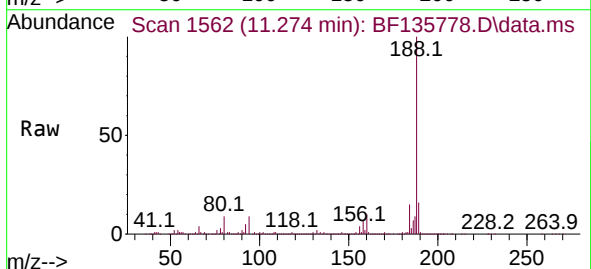
Tgt Ion: 188 Resp: 313616

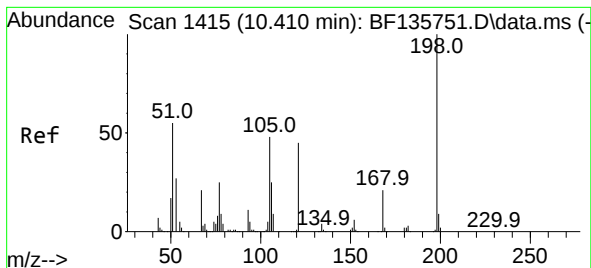
Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.4 8.3 12.5

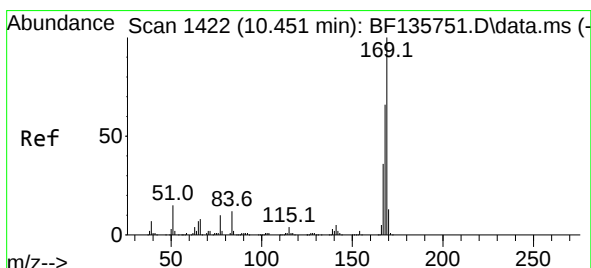
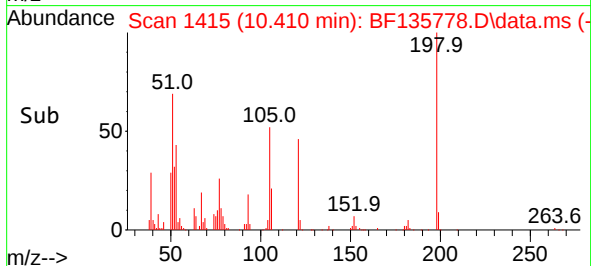
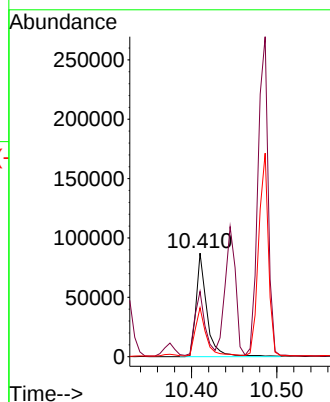
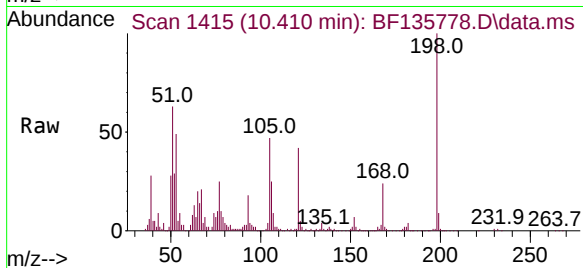




#65
4,6-Dinitro-2-methylphenol
Concen: 48.674 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

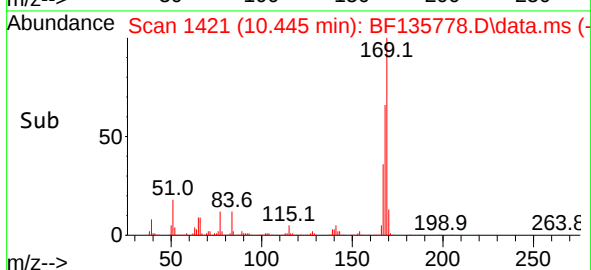
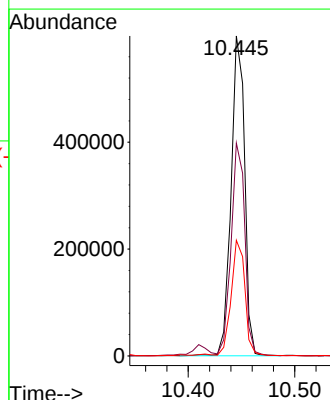
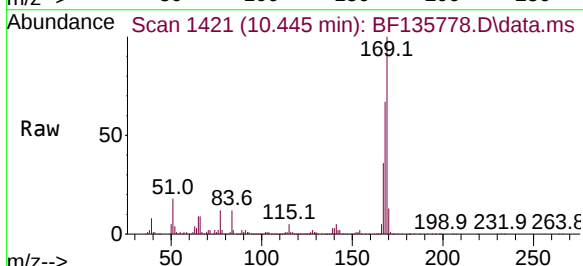
Instrument :
BNA_F
ClientSampleId :

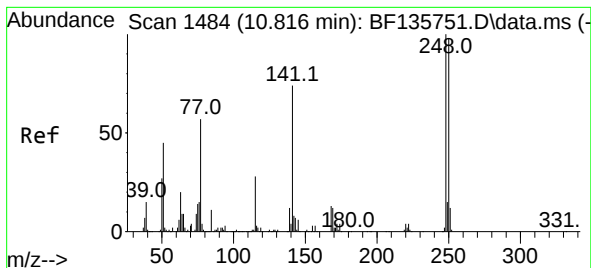
Tgt Ion:198 Resp: 76822
Ion Ratio Lower Upper
198 100
51 63.0 47.6 87.6
105 47.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 55.356 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:169 Resp: 529141
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.1 29.2 43.8

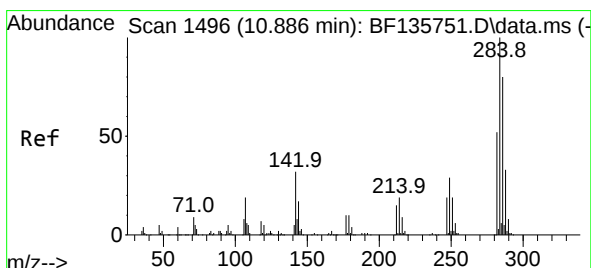
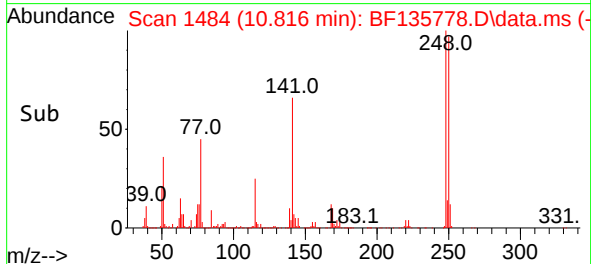
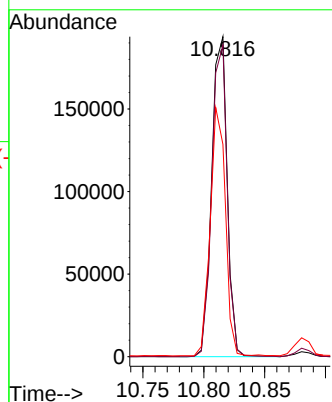
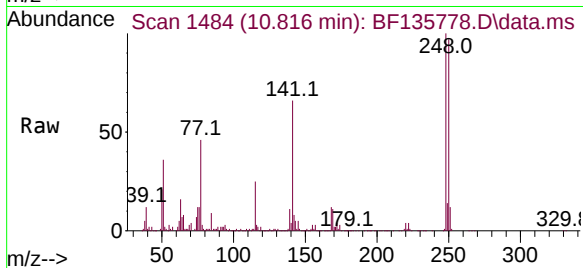




#67
4-Bromophenyl-phenylether
Concen: 54.401 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

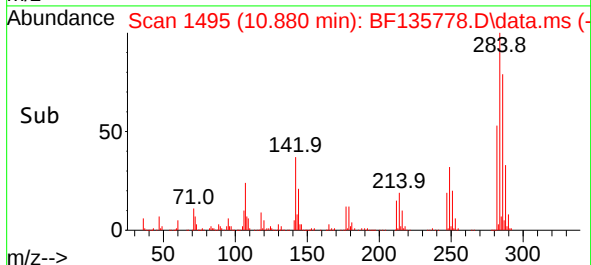
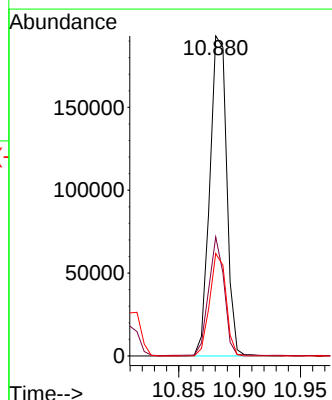
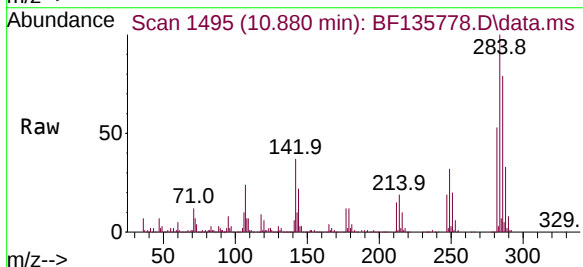
Instrument :
BNA_F
ClientSampleId :

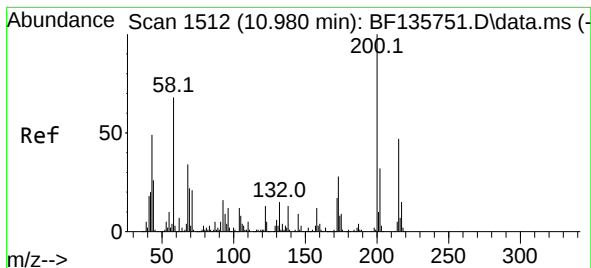
Tgt Ion:248 Resp: 171264
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 66.4 59.0 88.6



#68
Hexachlorobenzene
Concen: 58.102 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:284 Resp: 186228
Ion Ratio Lower Upper
284 100
142 37.2 25.3 37.9
249 32.0 23.5 35.3





#69

Atrazine

Concen: 66.396 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

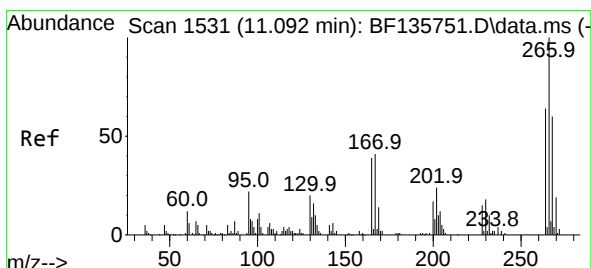
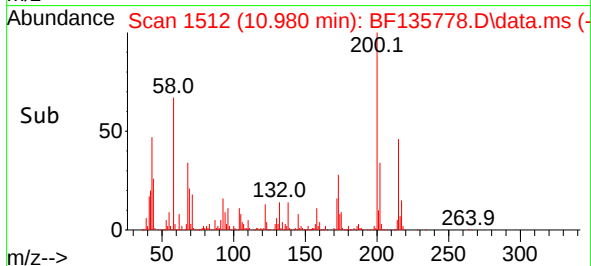
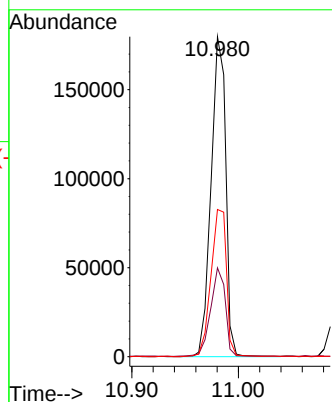
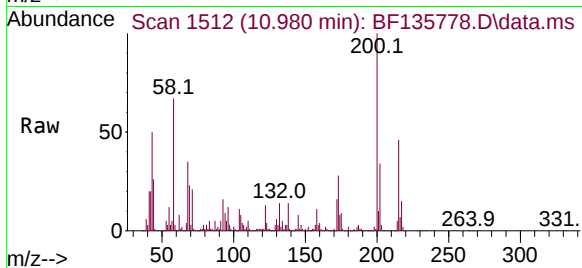
Tgt Ion:200 Resp: 172631

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

215 46.0 27.1 67.1



#70

Pentachlorophenol

Concen: 116.132 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

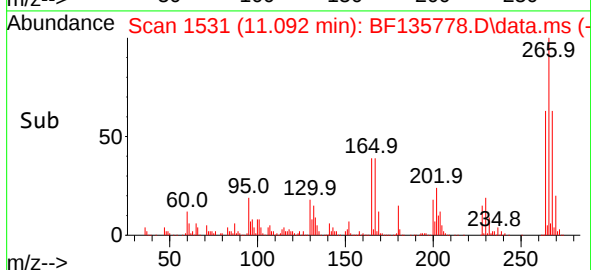
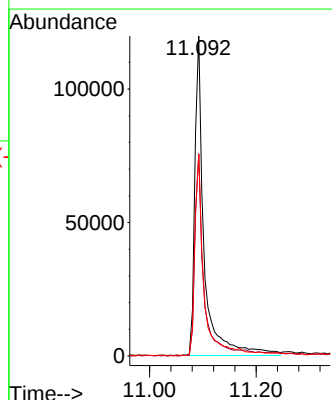
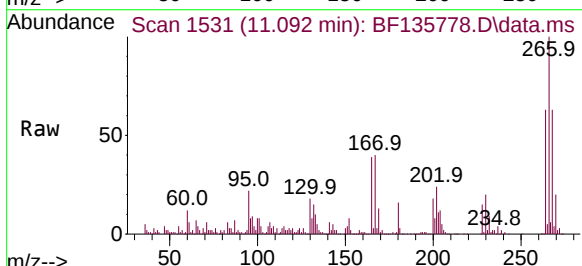
Tgt Ion:266 Resp: 146807

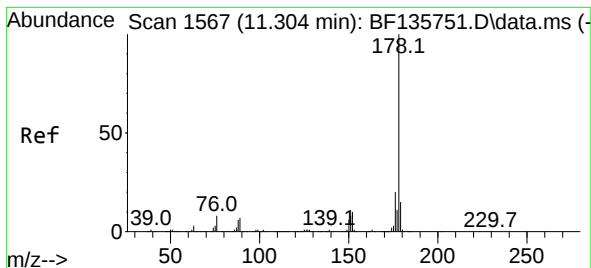
Ion Ratio Lower Upper

266 100

268 63.2 47.7 71.5

264 62.9 51.4 77.2





#71

Phenanthrene

Concen: 71.598 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

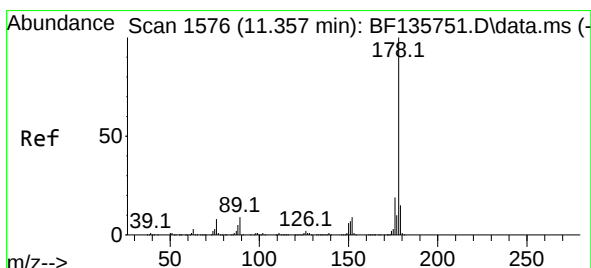
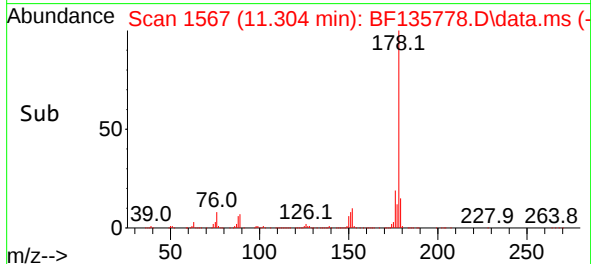
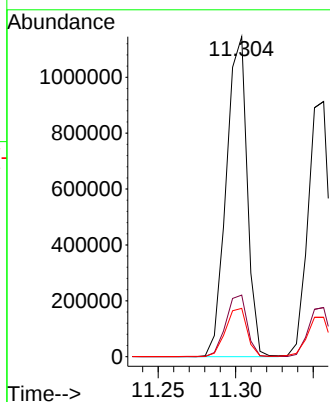
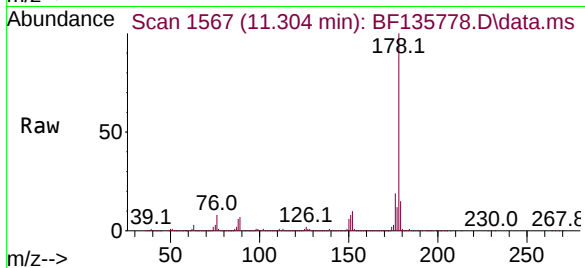
Tgt Ion:178 Resp: 1075670

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

179 15.1 12.2 18.4



#72

Anthracene

Concen: 56.425 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

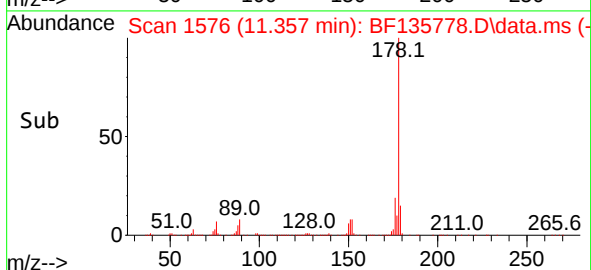
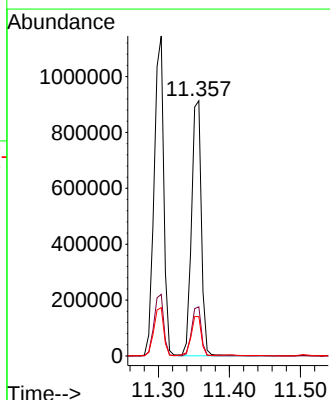
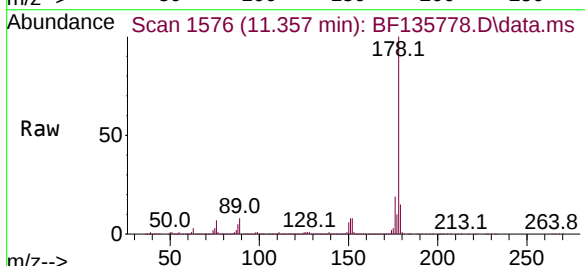
Tgt Ion:178 Resp: 878434

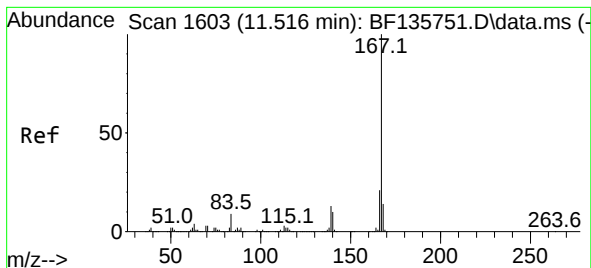
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.4 12.3 18.5





#73

Carbazole

Concen: 54.380 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.006 min

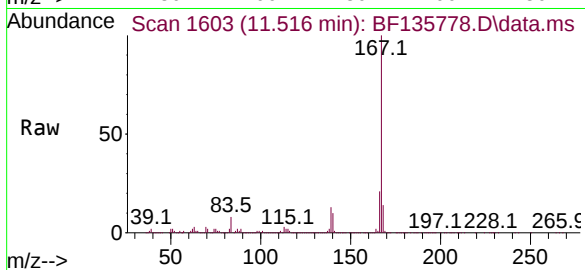
Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :



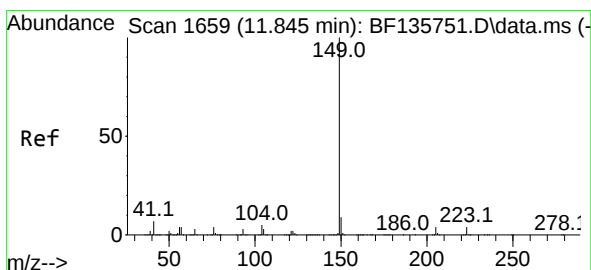
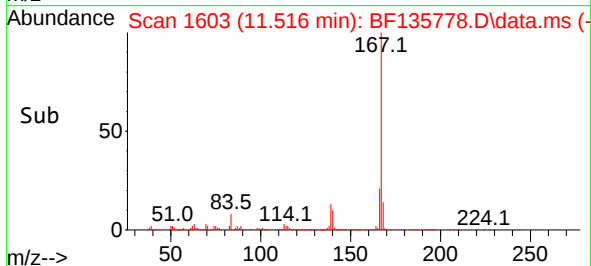
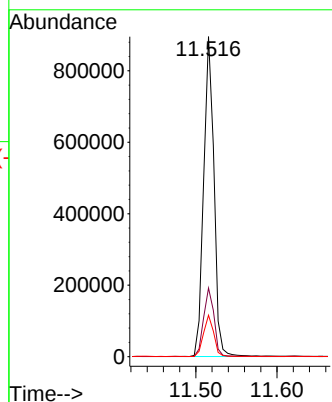
Tgt Ion:167 Resp: 789557

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 55.463 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

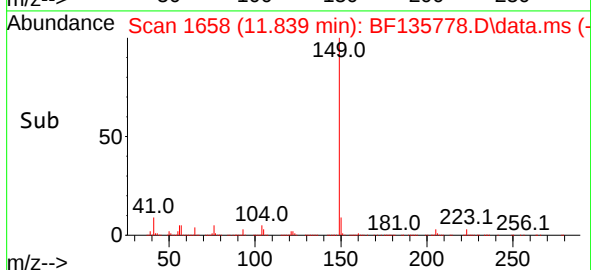
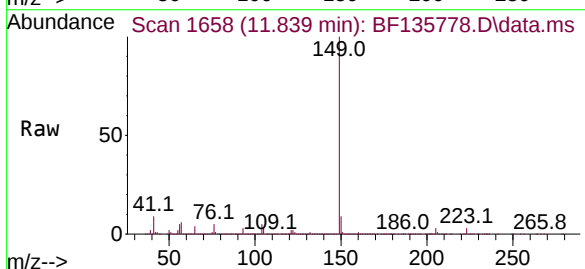
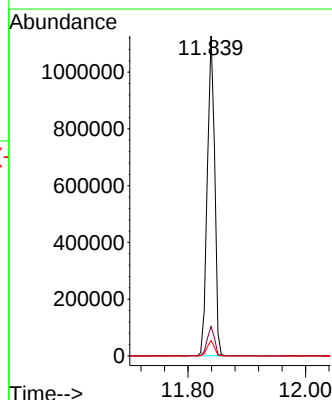
Tgt Ion:149 Resp: 988708

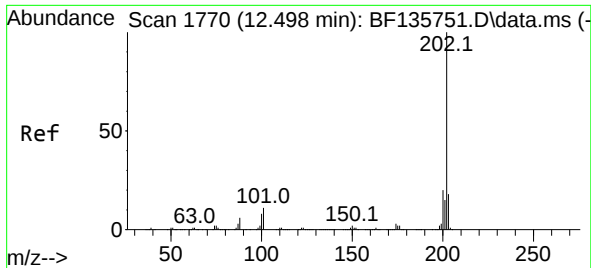
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

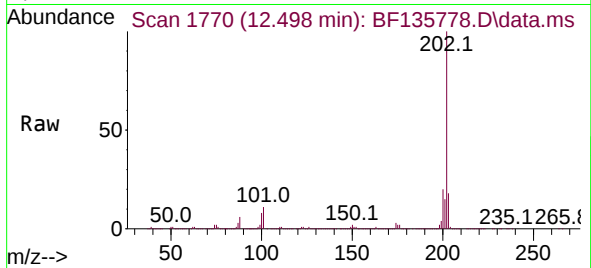
104 4.8 3.7 5.5



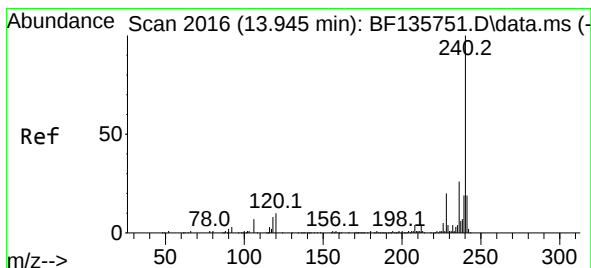
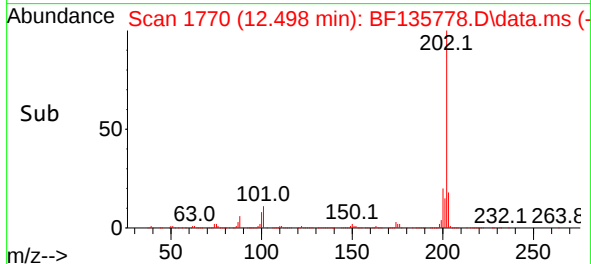
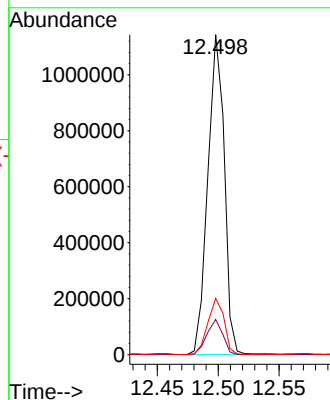


#75
Fluoranthene
Concen: 64.665 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Instrument :
BNA_F
ClientSampleId :

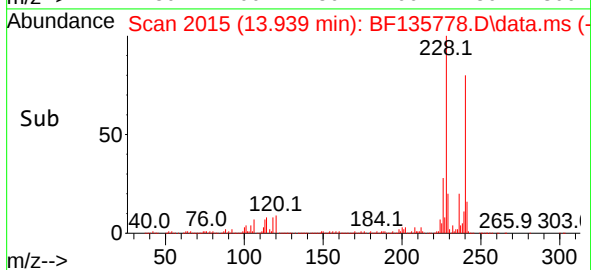
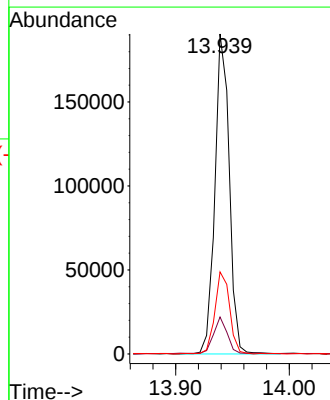
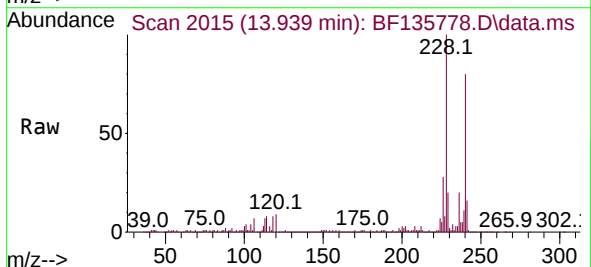


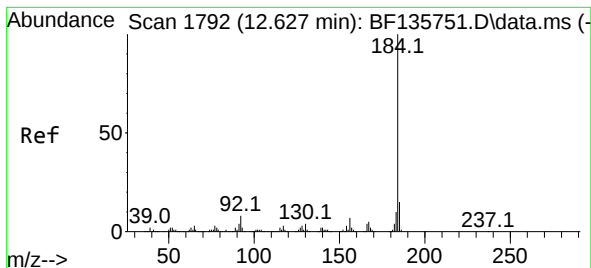
Tgt Ion:202 Resp: 1078245
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.6 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:240 Resp: 167666
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 25.7 21.2 31.8





#77

Benzidine

Concen: 75.912 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

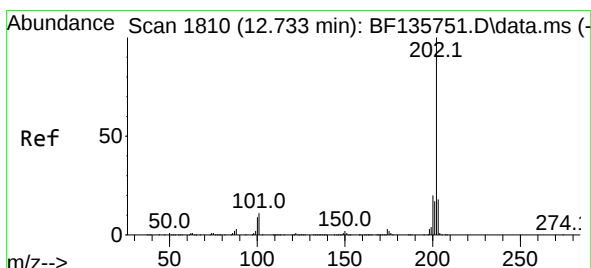
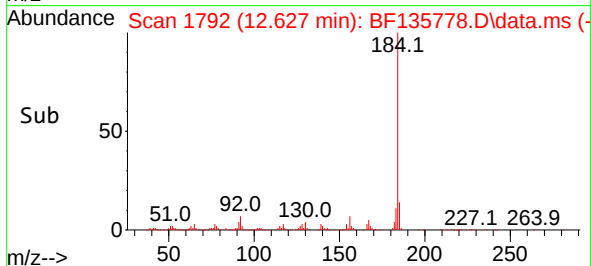
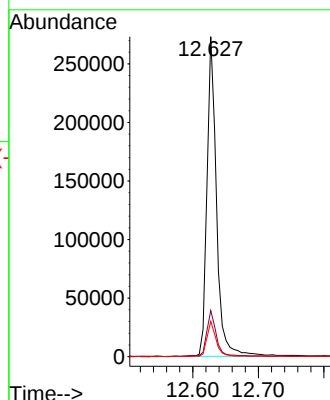
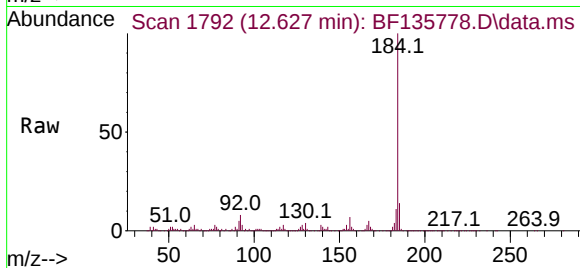
Tgt Ion:184 Resp: 277733

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 11.0 8.2 12.2



#78

Pyrene

Concen: 78.897 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

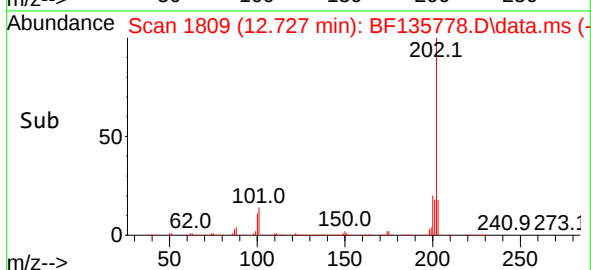
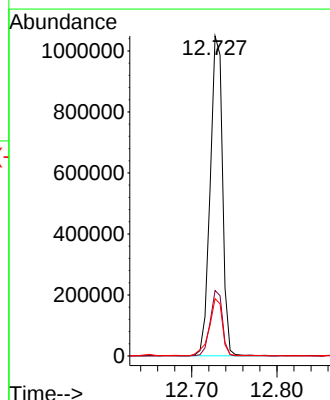
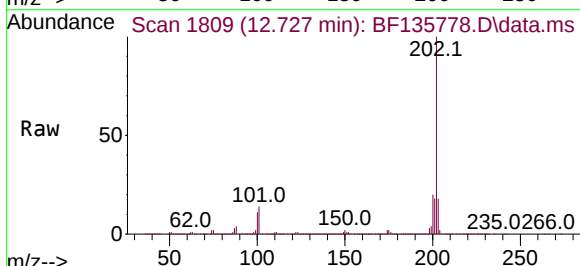
Tgt Ion:202 Resp: 1051188

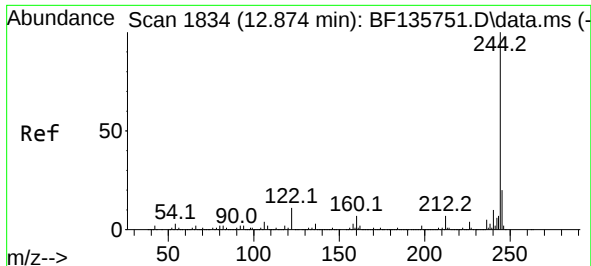
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.9 14.2 21.2

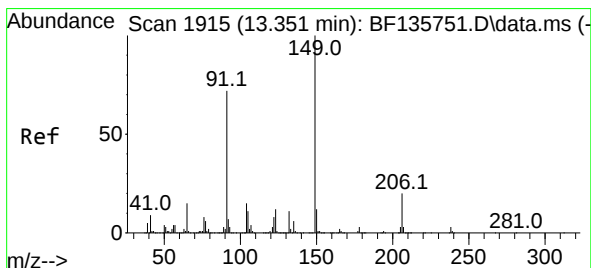
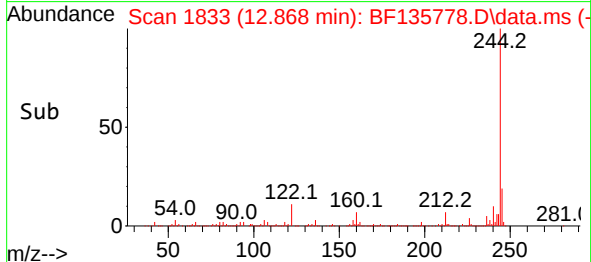
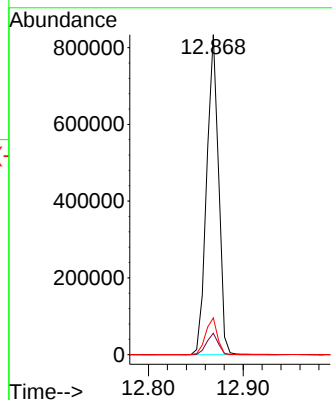
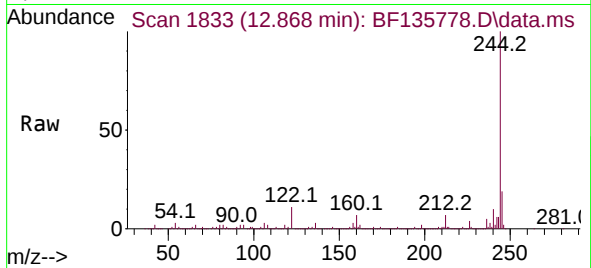




#79
 Terphenyl-d14
 Concen: 80.107 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

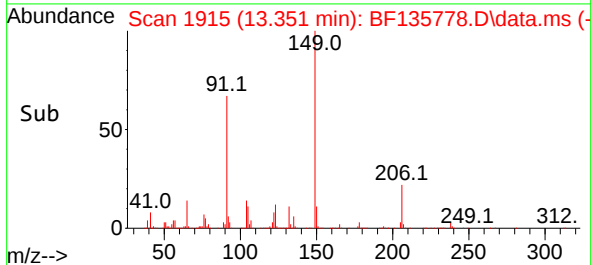
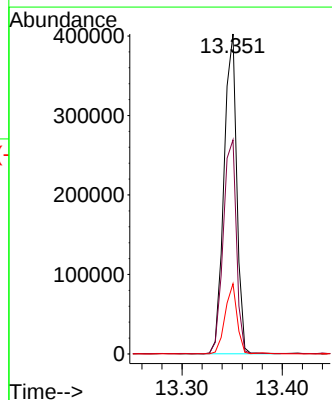
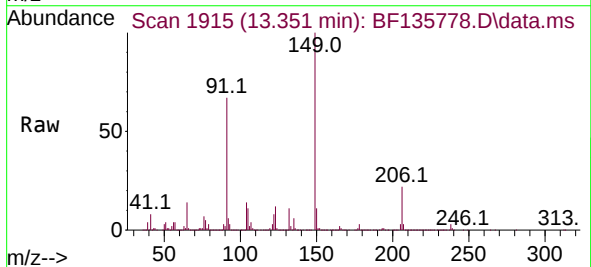
Instrument :
 BNA_F
 ClientSampleId :

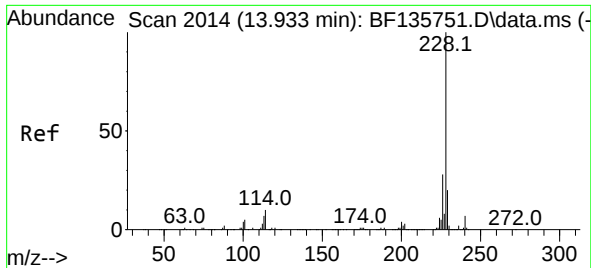
Tgt Ion:244 Resp: 725261
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 60.754 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

Tgt Ion:149 Resp: 355705
 Ion Ratio Lower Upper
 149 100
 91 66.9 57.4 86.0
 206 21.9 16.2 24.4

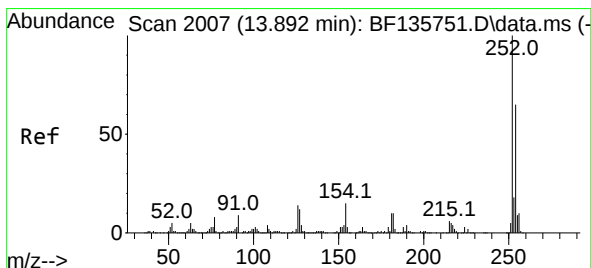
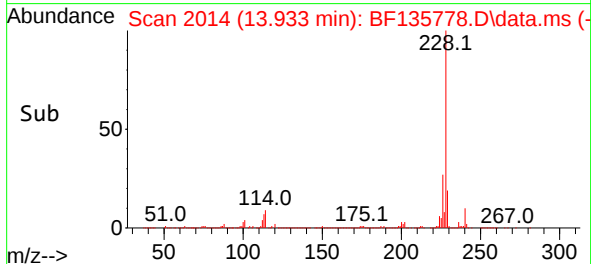
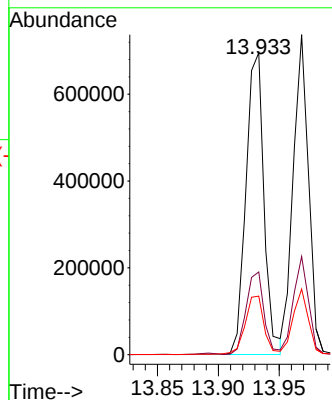
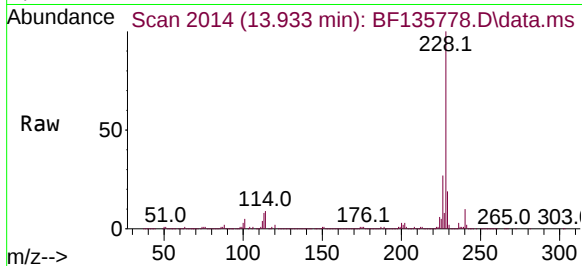




#81
Benzo(a)anthracene
Concen: 65.025 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

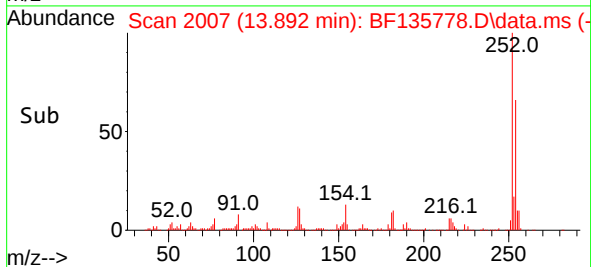
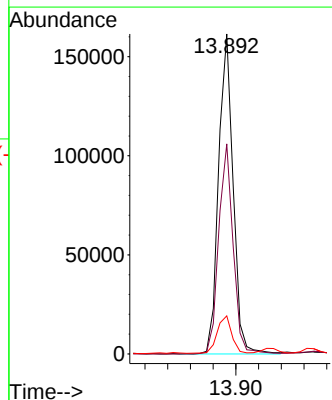
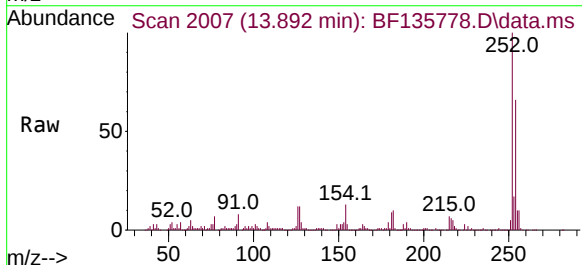
Instrument :
BNA_F
ClientSampleId :

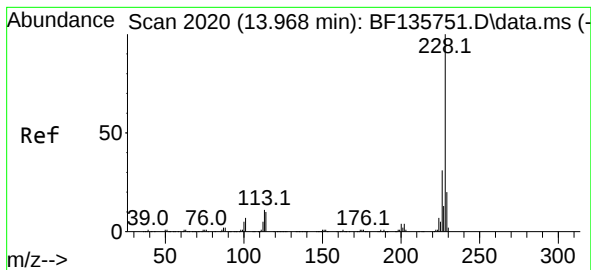
Tgt Ion:228 Resp: 716116
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.403 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135778.D
Acq: 16 Oct 2023 15:47

Tgt Ion:252 Resp: 143917
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 11.9 11.0 16.4





#83

Chrysene

Concen: 60.455 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

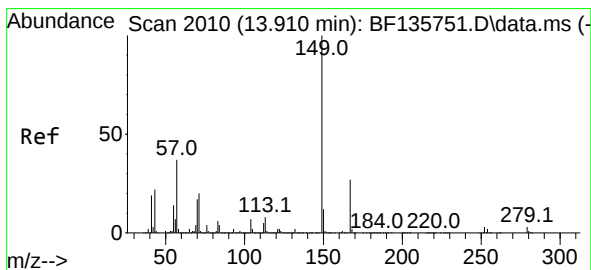
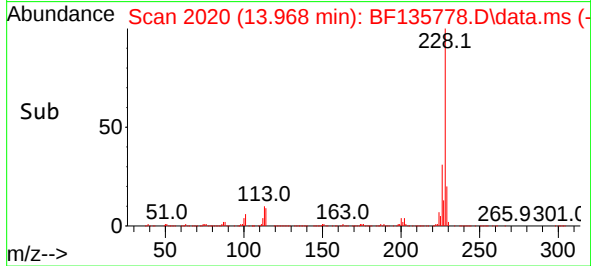
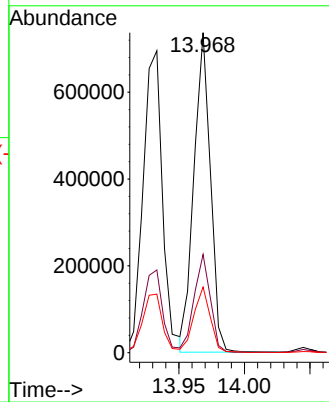
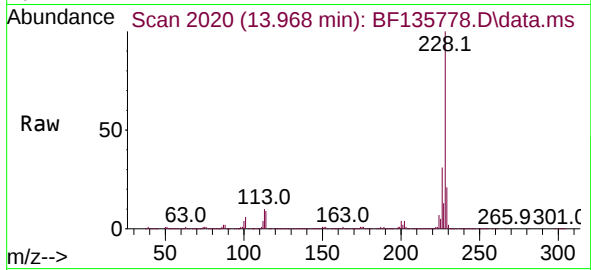
Tgt Ion:228 Resp: 644866

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.883 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

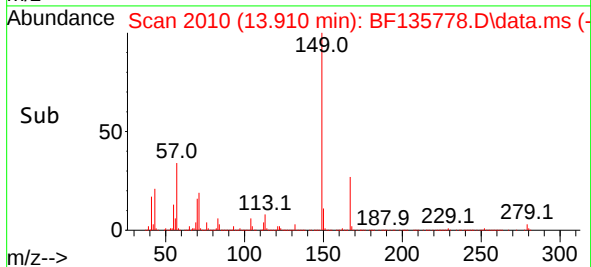
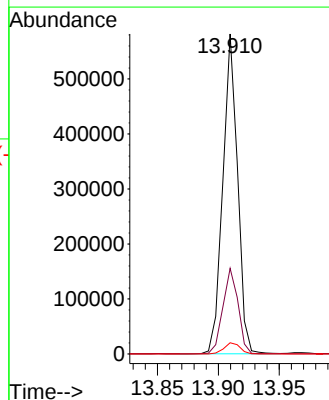
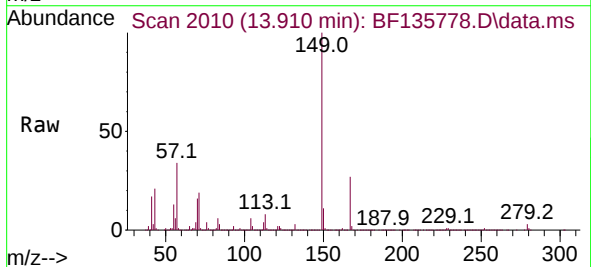
Tgt Ion:149 Resp: 491056

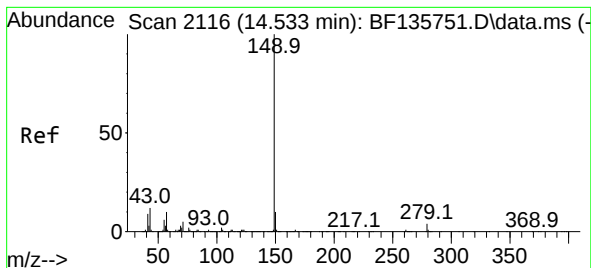
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 62.556 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

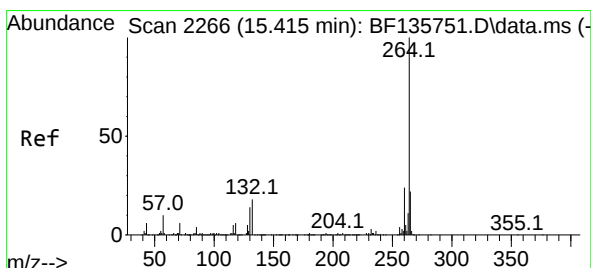
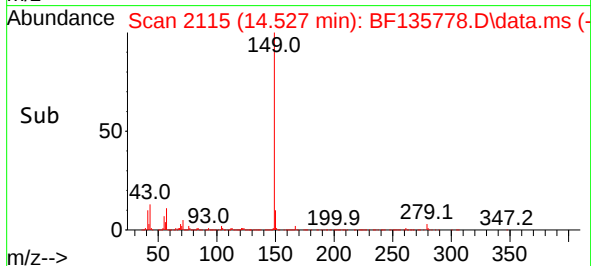
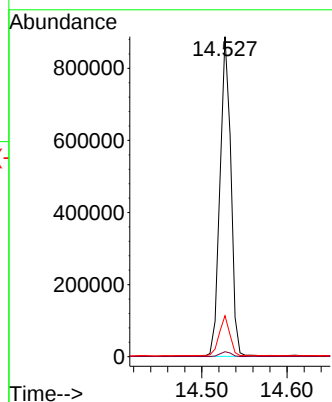
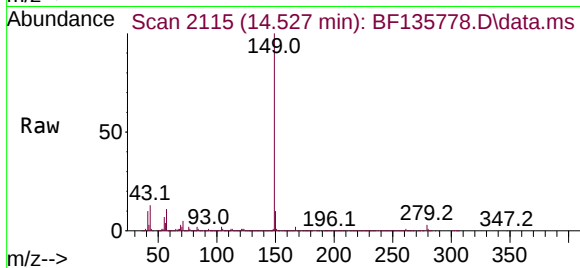
Tgt Ion:149 Resp: 787153

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.1 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

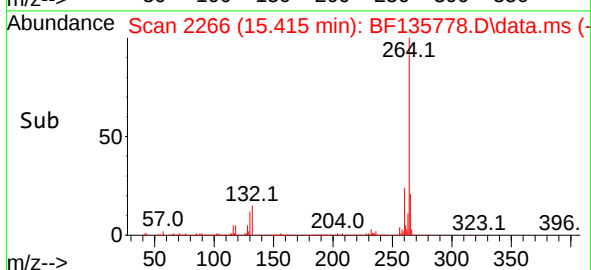
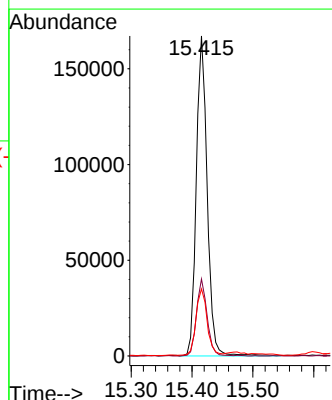
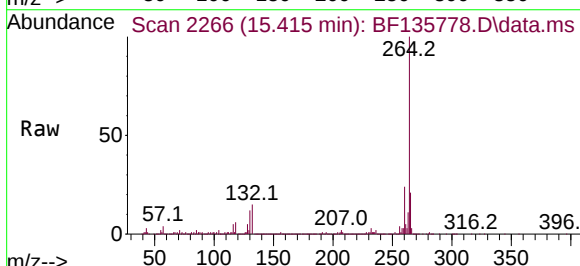
Tgt Ion:264 Resp: 207979

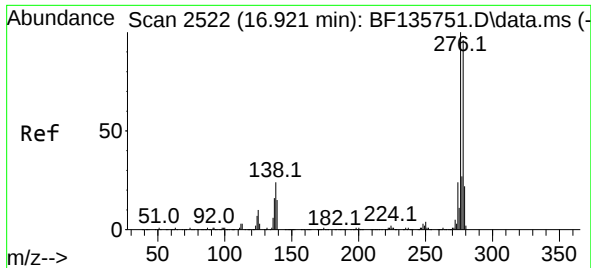
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

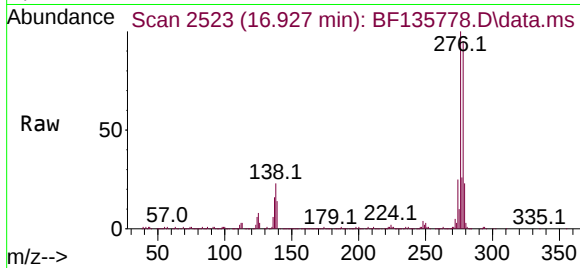
265 21.0 17.4 26.2



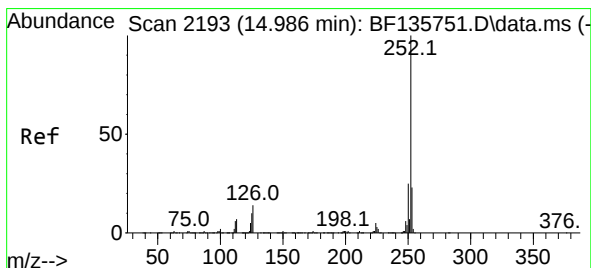
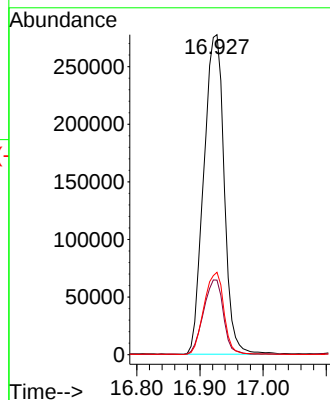
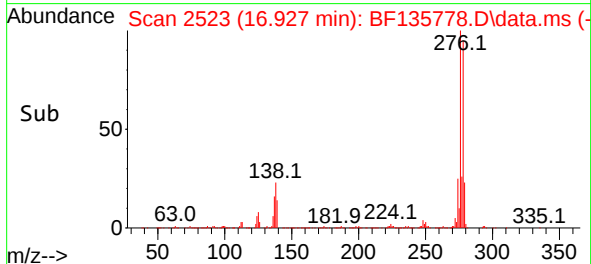


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.811 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47

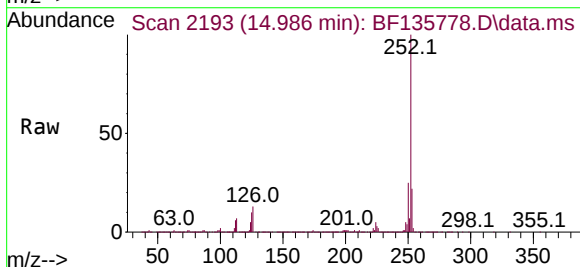
Instrument :
 BNA_F
 ClientSampleId :



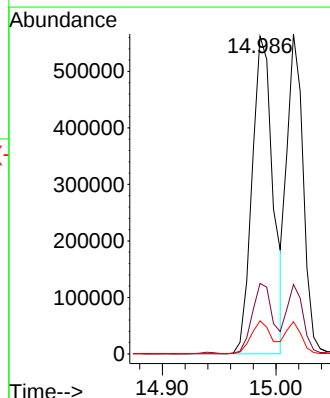
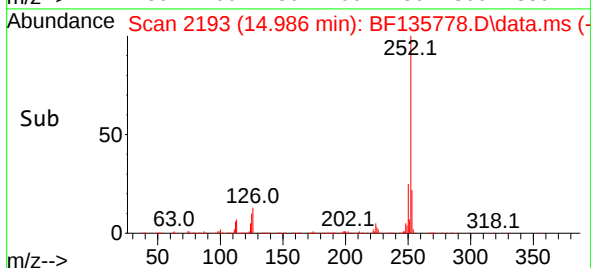
Tgt Ion:276 Resp: 621138
 Ion Ratio Lower Upper
 276 100
 138 22.8 19.8 29.6
 277 25.1 20.2 30.4

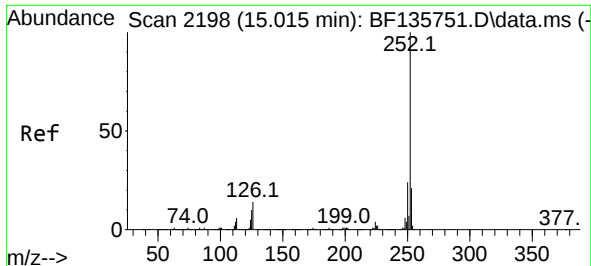


#88
 Benzo(b)fluoranthene
 Concen: 61.848 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF135778.D
 Acq: 16 Oct 2023 15:47



Tgt Ion:252 Resp: 719898
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.2
 125 10.5 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 49.373 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

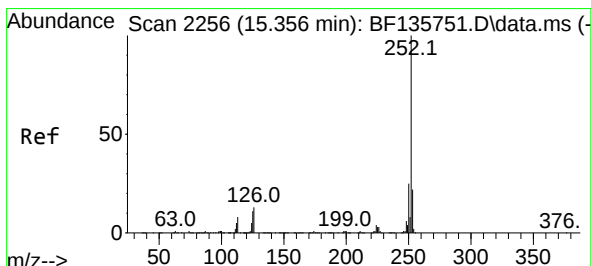
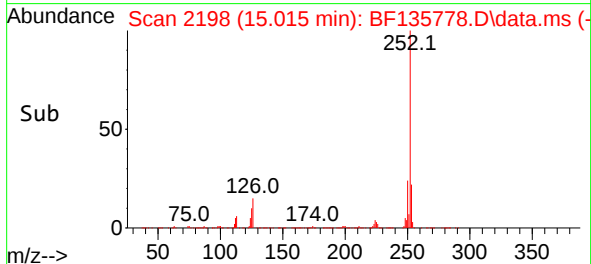
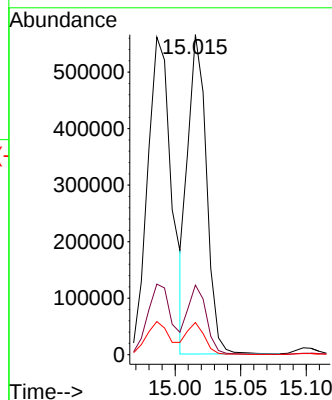
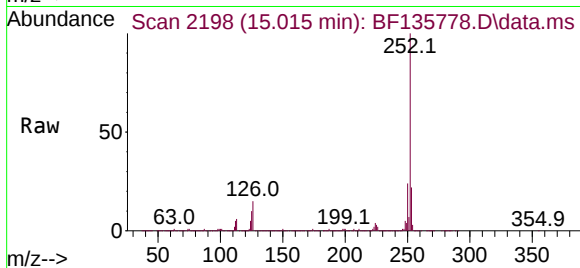
Tgt Ion:252 Resp: 557945

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 54.756 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

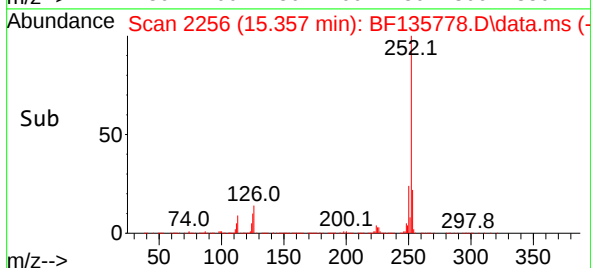
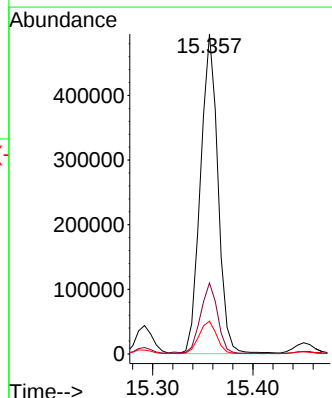
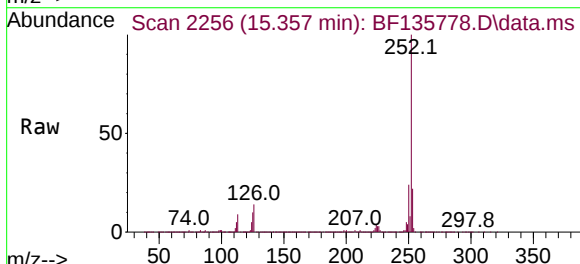
Tgt Ion:252 Resp: 599323

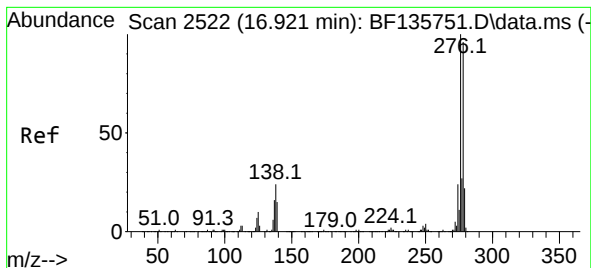
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.825 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Instrument :

BNA_F

ClientSampleId :

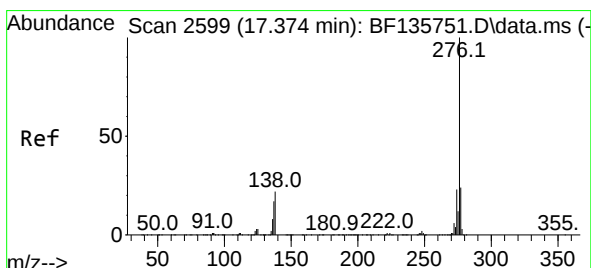
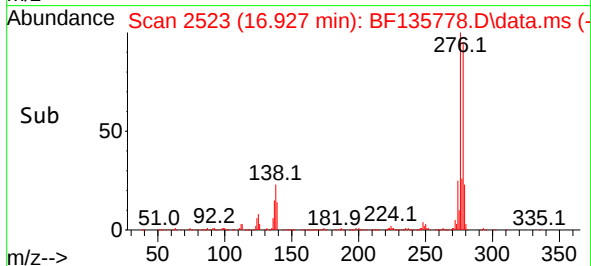
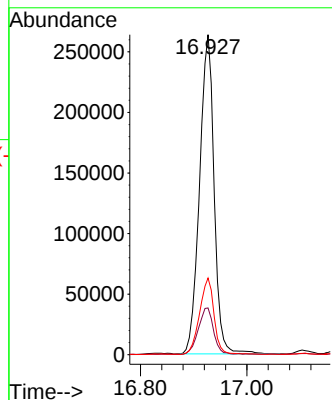
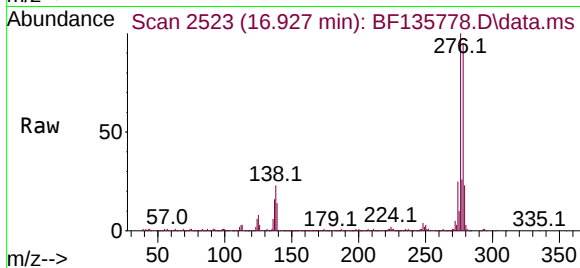
Tgt Ion:278 Resp: 500032

Ion Ratio Lower Upper

278 100

139 14.6 12.5 18.7

279 23.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 50.838 ng

RT: 17.374 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF135778.D

Acq: 16 Oct 2023 15:47

Tgt Ion:276 Resp: 485133

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.2

138 20.5 17.3 25.9

