

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135679.D
 Acq On : 10 Oct 2023 11:47
 Operator : CG\JU
 Sample : PB156189BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BS

Quant Time: Oct 11 02:45:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	94580	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	364886	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	188172	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	360700	20.000	ng	0.00
76) Chrysene-d12	13.939	240	185608	20.000	ng	0.00
86) Perylene-d12	15.404	264	198650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	863451	148.484	ng	0.02
7) Phenol-d6	6.398	99	1042704	141.015	ng	0.00
23) Nitrobenzene-d5	7.310	82	667846	99.438	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	269328	144.028	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1206828	96.761	ng	0.00
79) Terphenyl-d14	12.869	244	1212559	101.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	134462	52.746	ng	97
3) Pyridine	3.275	79	286529	41.762	ng	97
4) n-Nitrosodimethylamine	3.234	42	203073	55.777	ng	92
6) Aniline	6.410	93	331826	34.222	ng	# 8
8) 2-Chlorophenol	6.534	128	342104	55.110	ng	94
9) Benzaldehyde	6.298	77	119608	28.395	ng	99
10) Phenol	6.410	94	399149	49.228	ng	83
11) bis(2-Chloroethyl)ether	6.481	93	325657	53.545	ng	100
12) 1,3-Dichlorobenzene	6.681	146	341093	54.066	ng	98
13) 1,4-Dichlorobenzene	6.757	146	347841	54.193	ng	99
14) 1,2-Dichlorobenzene	6.904	146	315753	52.973	ng	98
15) Benzyl Alcohol	6.893	79	268741	50.648	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	589567	51.428	ng	59
17) 2-Methylphenol	7.010	107	268217	48.962	ng	# 90
18) Hexachloroethane	7.240	117	127775	53.877	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	227461	49.664	ng	94
20) 3+4-Methylphenols	7.163	107	336975	51.156	ng	# 76
22) Acetophenone	7.151	105	449927	53.934	ng	# 91
24) Nitrobenzene	7.328	77	353270	53.217	ng	99
25) Isophorone	7.563	82	641082	51.982	ng	97
26) 2-Nitrophenol	7.645	139	181394	56.935	ng	95
27) 2,4-Dimethylphenol	7.687	122	263978	49.293	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	396199	53.675	ng	100
29) 2,4-Dichlorophenol	7.887	162	276846	55.790	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	282910	54.545	ng	100
31) Naphthalene	8.040	128	951706	53.682	ng	99
32) Benzoic acid	7.845	122	194475	48.226	ng	96
33) 4-Chloroaniline	8.098	127	206835	26.591	ng	98
34) Hexachlorobutadiene	8.151	225	167172	53.452	ng	99
35) Caprolactam	8.481	113	57467	34.506	ng	98
36) 4-Chloro-3-methylphenol	8.598	107	301924	54.744	ng	99
37) 2-Methylnaphthalene	8.734	142	606457	50.889	ng	98
38) 1-Methylnaphthalene	8.834	142	576426	51.663	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	291137	53.405	ng	99
41) Hexachlorocyclopentadiene	8.881	237	137158	59.213	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	183071	51.290	ng	99

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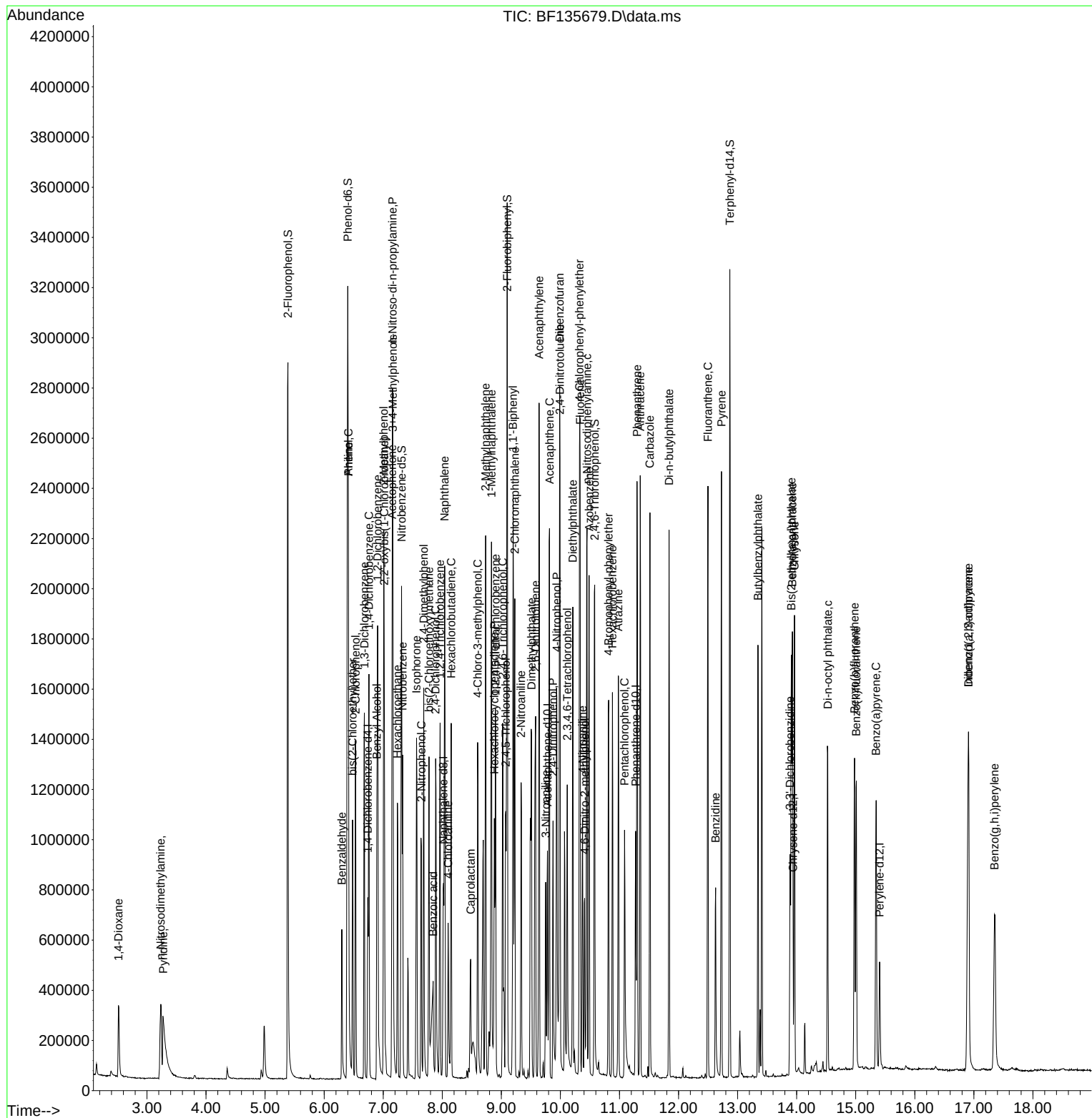
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	194523	47.324	ng	98
46) 1,1'-Biphenyl	9.198	154	776085	53.668	ng	98
47) 2-Chloronaphthalene	9.228	162	574791	54.783	ng	99
48) 2-Nitroaniline	9.334	65	223625	54.862	ng	97
49) Acenaphthylene	9.639	152	928084	53.225	ng	99
50) Dimethylphthalate	9.510	163	673581	52.945	ng	100
51) 2,6-Dinitrotoluene	9.581	165	150902	54.144	ng	89
52) Acenaphthene	9.816	154	549793	53.373	ng	96
53) 3-Nitroaniline	9.751	138	110566	33.796	ng	97
54) 2,4-Dinitrophenol	9.875	184	143847	90.064	ng	98
55) Dibenzofuran	9.986	168	799550	50.865	ng	97
56) 4-Nitrophenol	9.939	139	158794	76.372	ng	96
57) 2,4-Dinitrotoluene	9.992	165	187601	53.767	ng	94
58) Fluorene	10.333	166	643993	53.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	164140	51.911	ng	97
60) Diethylphthalate	10.210	149	671154	52.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	302780	52.160	ng	98
62) 4-Nitroaniline	10.375	138	160763	51.121	ng	99
63) Azobenzene	10.486	77	661288	52.920	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	99023	51.688	ng	85
66) n-Nitrosodiphenylamine	10.451	169	588106	53.856	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	186411	51.962	ng	98
68) Hexachlorobenzene	10.881	284	204891	56.061	ng	# 89
69) Atrazine	10.980	200	183904	62.589	ng	99
70) Pentachlorophenol	11.086	266	161668	73.934	ng	95
71) Phenanthrene	11.298	178	936081	54.871	ng	99
72) Anthracene	11.351	178	949252	54.134	ng	100
73) Carbazole	11.516	167	897639	56.233	ng	99
74) Di-n-butylphthalate	11.839	149	1048329	55.733	ng	99
75) Fluoranthene	12.498	202	975270	54.865	ng	99
77) Benzidine	12.627	184	345396	90.833	ng	98
78) Pyrene	12.727	202	983949	55.681	ng	99
80) Butylbenzylphthalate	13.345	149	365286	58.711	ng	96
81) Benzo(a)anthracene	13.927	228	681358	56.850	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	190449	50.873	ng	# 97
83) Chrysene	13.963	228	640038	53.712	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	424910	66.552	ng	99
85) Di-n-octyl phthalate	14.527	149	630268	62.117	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	714018	54.820	ng	99
88) Benzo(b)fluoranthene	14.980	252	580536	53.985	ng	100
89) Benzo(k)fluoranthene	15.010	252	542259	51.047	ng	99
90) Benzo(a)pyrene	15.345	252	521657	50.868	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	582222	54.632	ng	99
92) Benzo(g,h,i)perylene	17.351	276	583043	52.385	ng	99

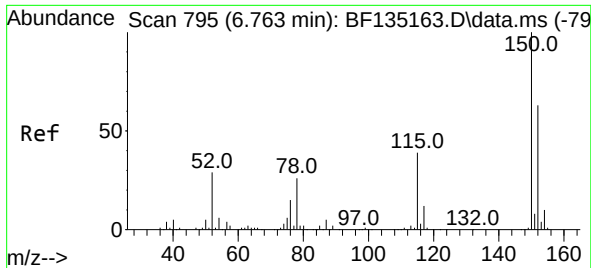
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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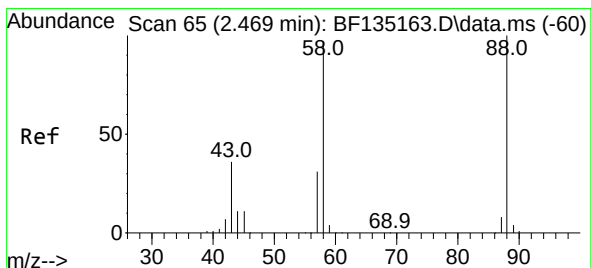
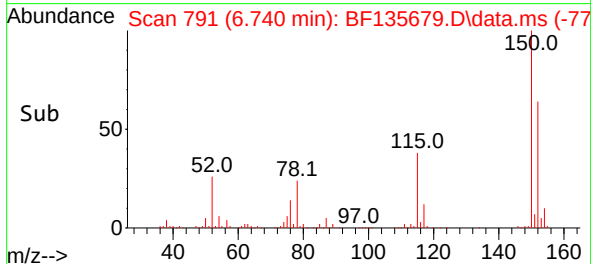
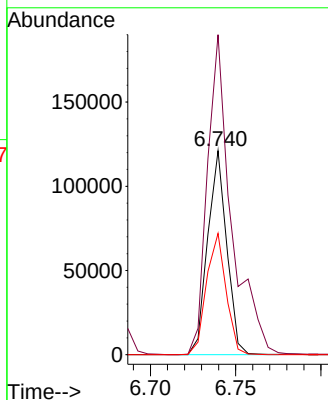
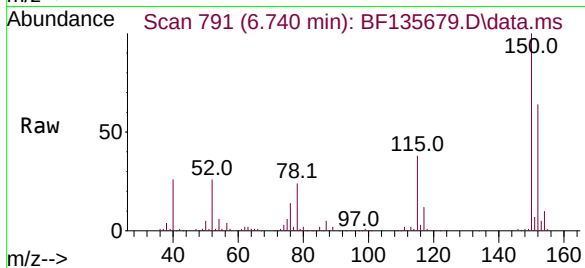




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135679.D
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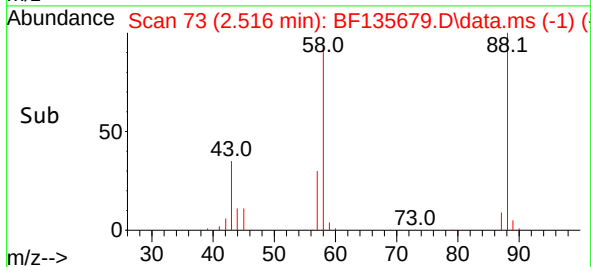
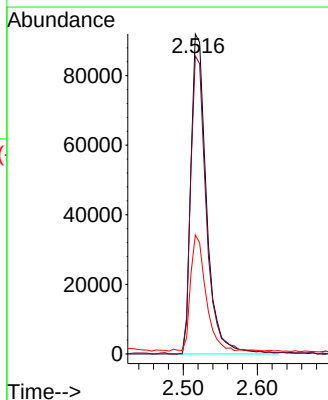
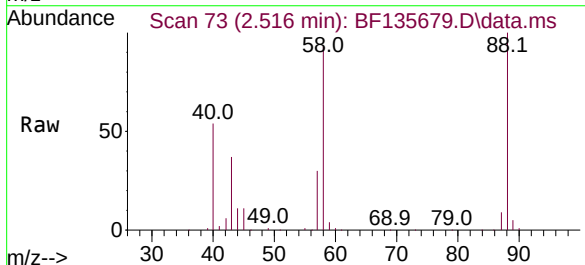
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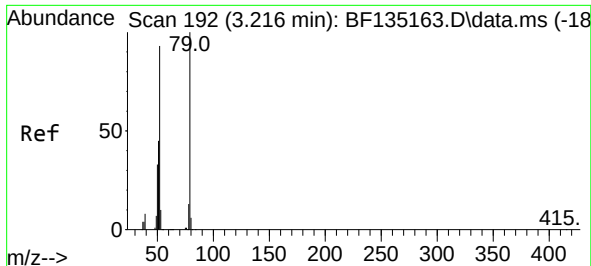
Tgt Ion:152 Resp: 94580
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 59.4 49.8 74.8



#2
1,4-Dioxane
Concen: 52.746 ng
RT: 2.516 min Scan# 73
Delta R.T. 0.088 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion: 88 Resp: 134462
Ion Ratio Lower Upper
88 100
58 94.3 78.3 117.5
43 35.8 29.4 44.0

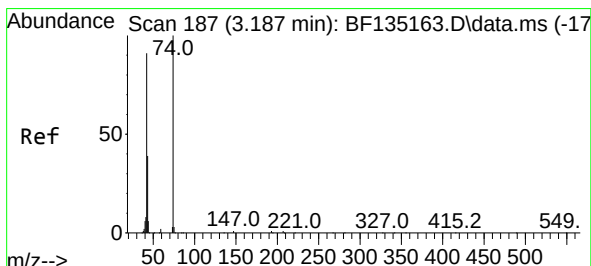
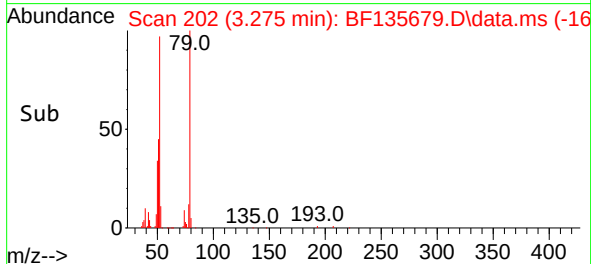
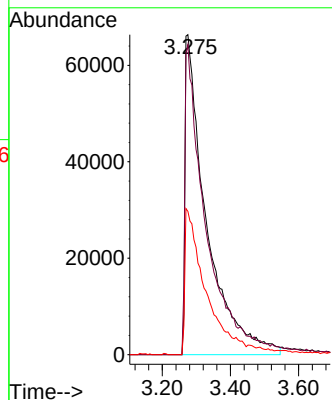
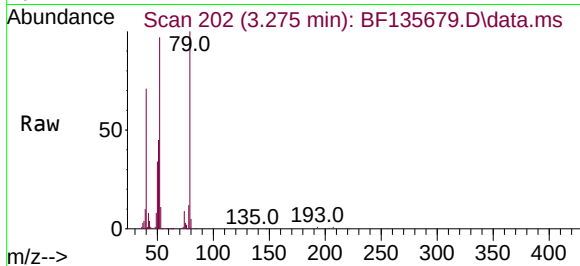




#3
Pyridine
Concen: 41.762 ng
RT: 3.275 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

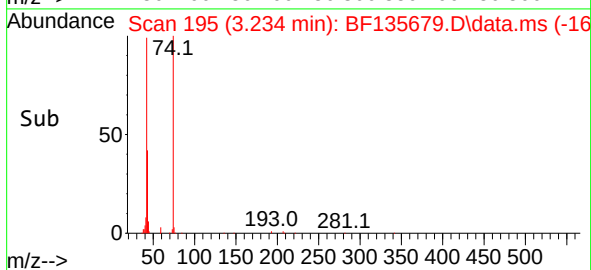
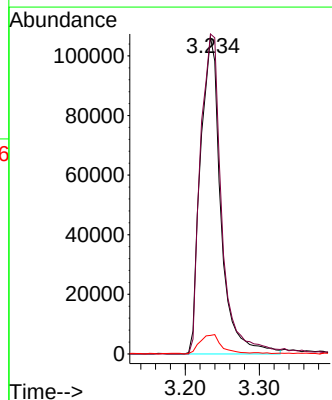
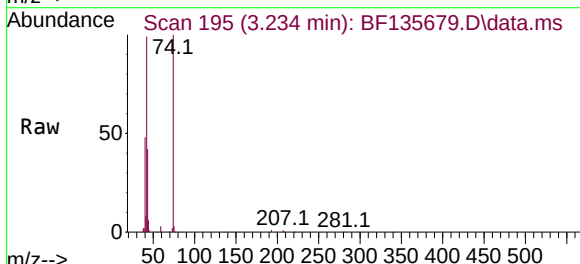
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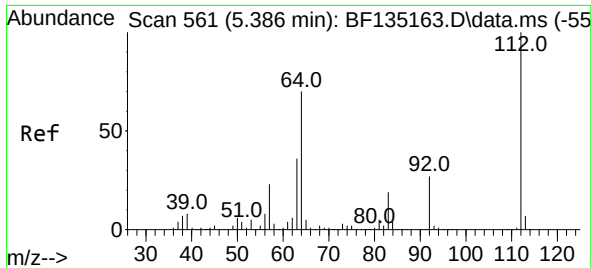
Tgt Ion: 79 Resp: 286529
Ion Ratio Lower Upper
79 100
52 96.9 74.1 111.1
51 44.8 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 55.777 ng
RT: 3.234 min Scan# 195
Delta R.T. 0.082 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion: 42 Resp: 203073
Ion Ratio Lower Upper
42 100
74 101.0 87.7 131.5
44 5.8 5.6 8.4

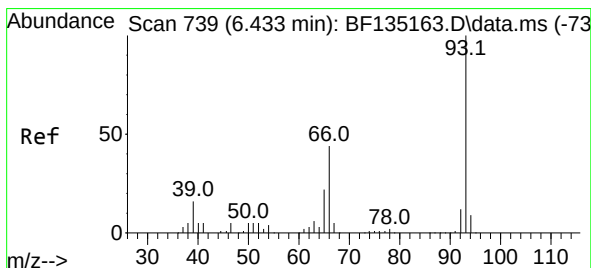
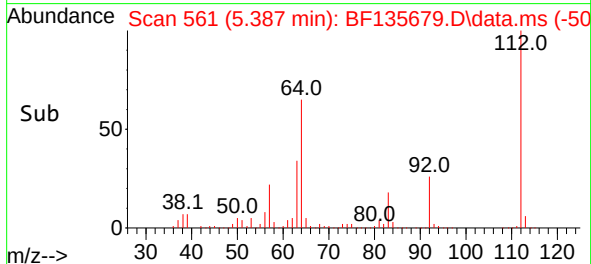
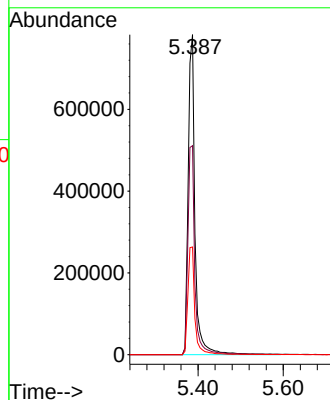
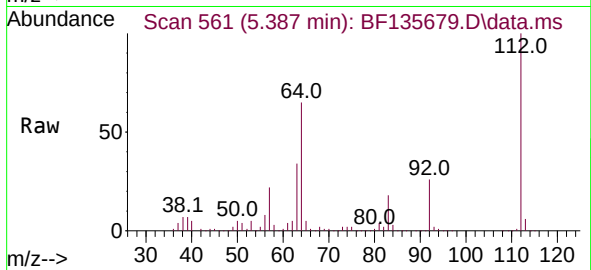




#5
2-Fluorophenol
Concen: 148.484 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

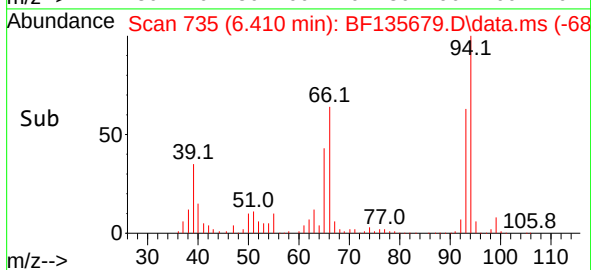
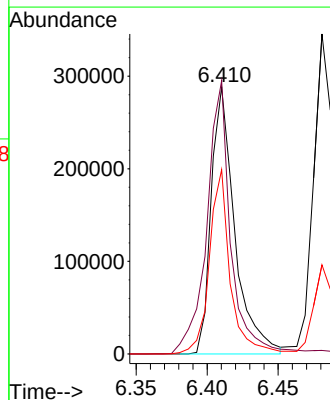
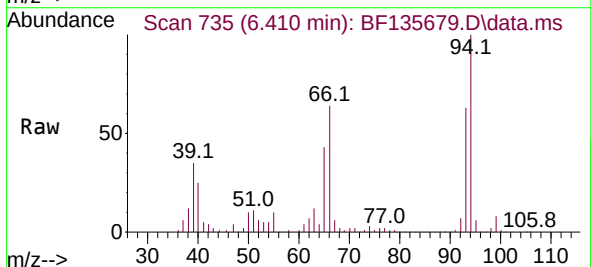
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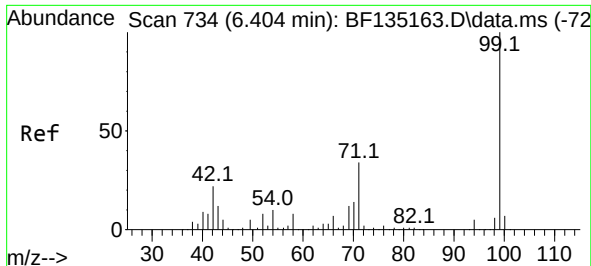
Tgt Ion:112 Resp: 863451
Ion Ratio Lower Upper
112 100
64 65.3 55.9 83.9
63 33.7 29.0 43.6



#6
Aniline
Concen: 34.222 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion: 93 Resp: 331826
Ion Ratio Lower Upper
93 100
66 102.4 35.4 53.0#
65 69.1 17.8 26.8#

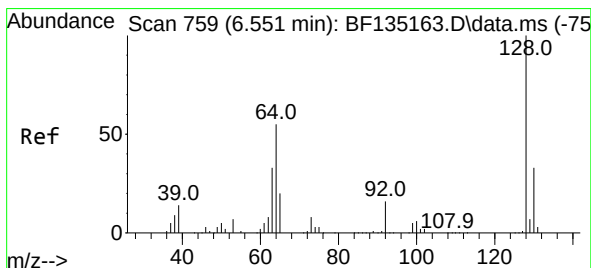
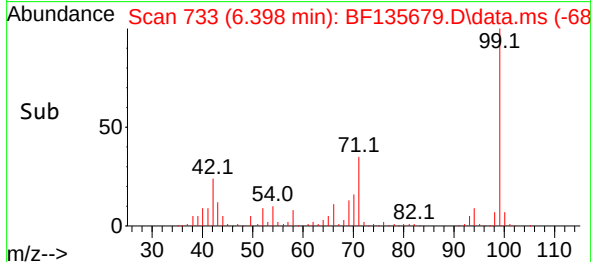
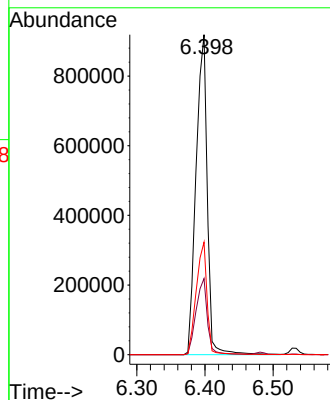
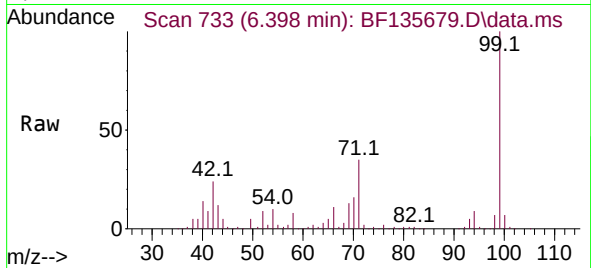




#7
Phenol-d6
Concen: 141.015 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

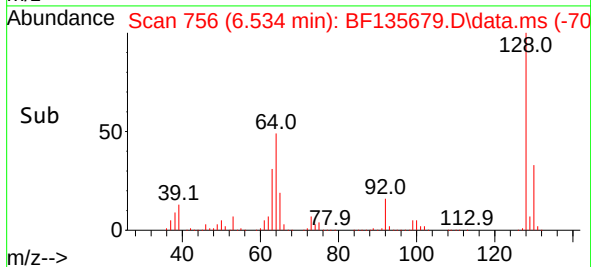
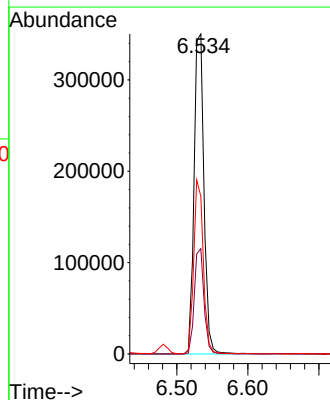
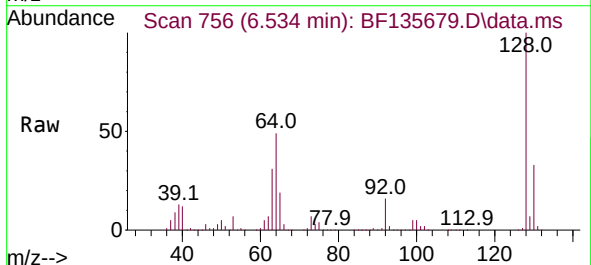
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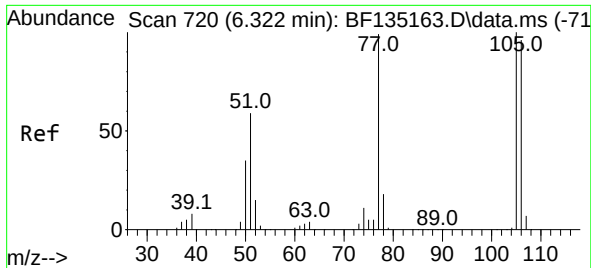
Tgt Ion: 99 Resp: 1042704
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 35.2 27.0 40.6



#8
2-Chlorophenol
Concen: 55.110 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 342104
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 49.3 35.9 75.9

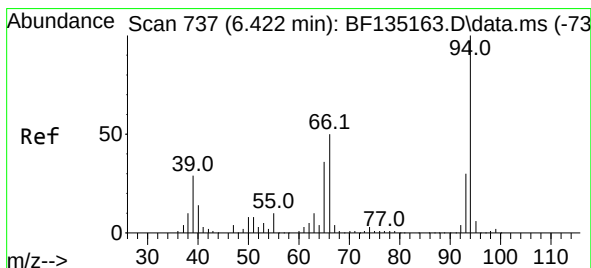
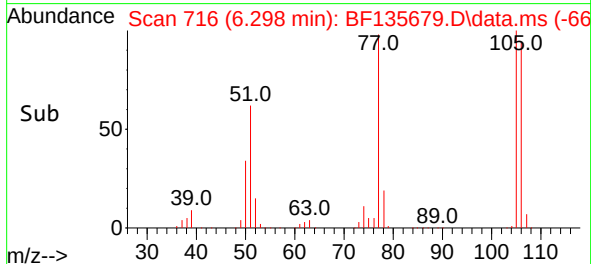
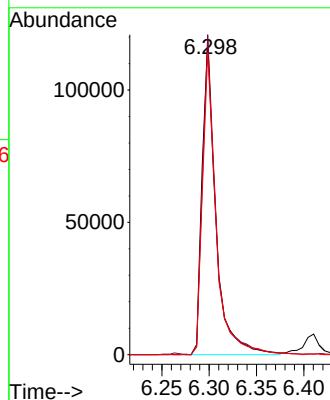
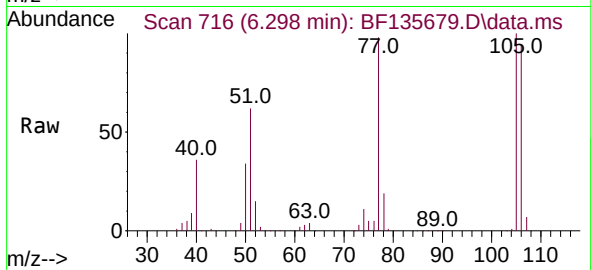




#9
Benzaldehyde
Concen: 28.395 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
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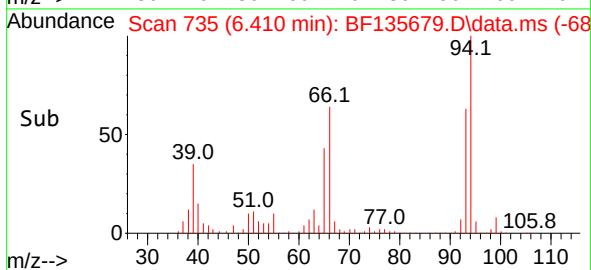
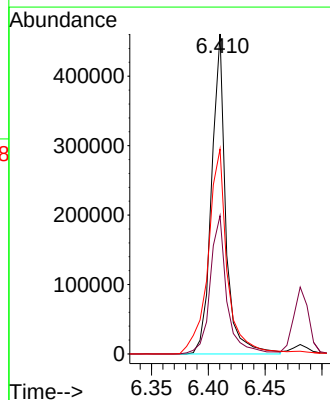
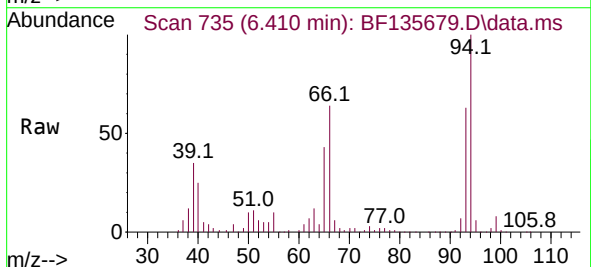
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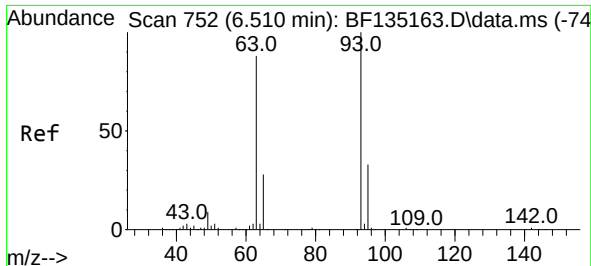
Tgt Ion: 77 Resp: 119608
Ion Ratio Lower Upper
77 100
105 101.7 81.4 121.4
106 96.1 76.9 116.9



#10
Phenol
Concen: 49.228 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 399149
Ion Ratio Lower Upper
94 100
65 43.2 15.9 55.9
66 64.0 29.8 69.8

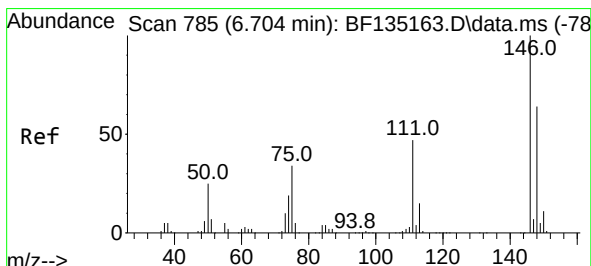
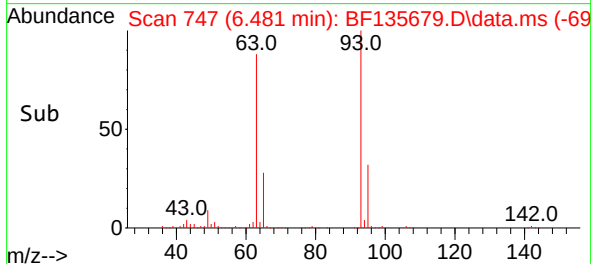
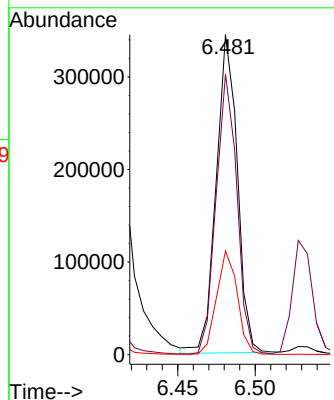
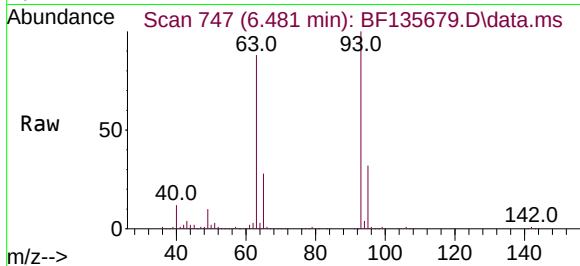




#11
bis(2-Chloroethyl)ether
Concen: 53.545 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

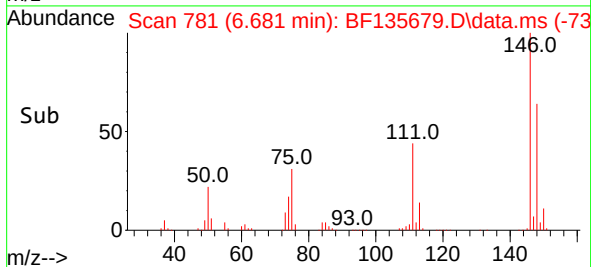
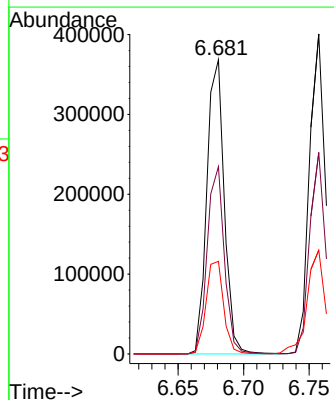
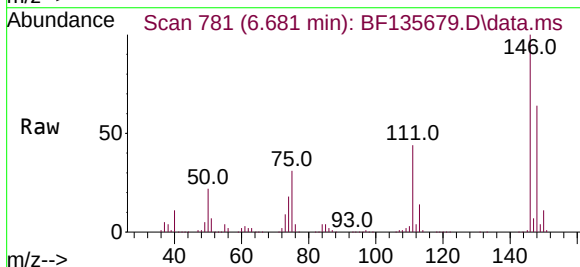
Instrument :
BNA_F
ClientSampleId :
PB156189BS

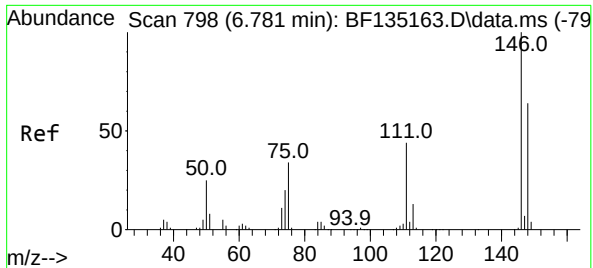
Tgt Ion: 93 Resp: 325657
Ion Ratio Lower Upper
93 100
63 87.7 67.3 107.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 54.066 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:146 Resp: 341093
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 54.193 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

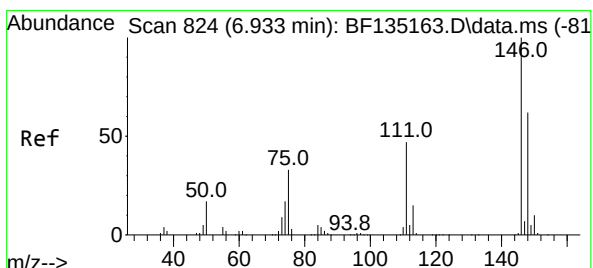
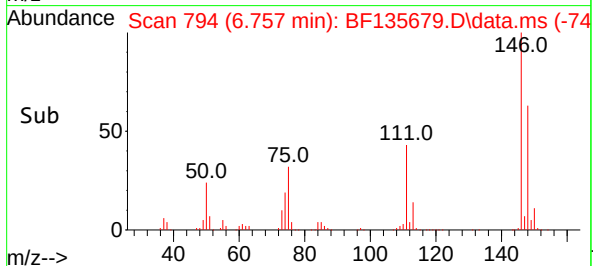
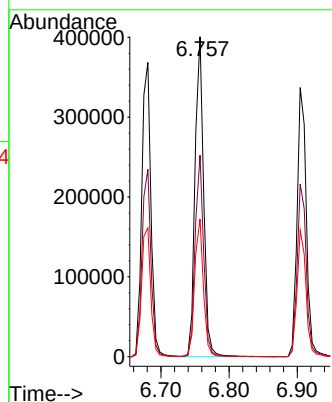
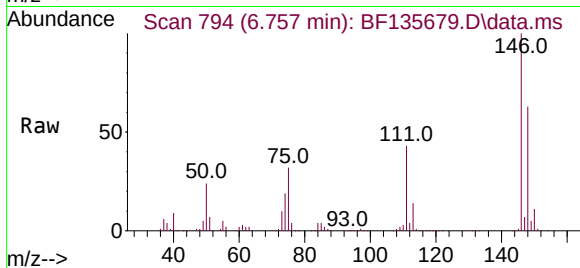
Tgt Ion:146 Resp: 347841

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

111 43.0 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 52.973 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

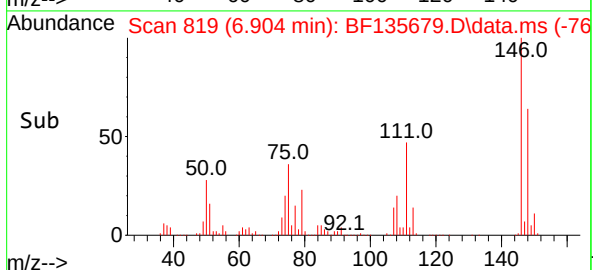
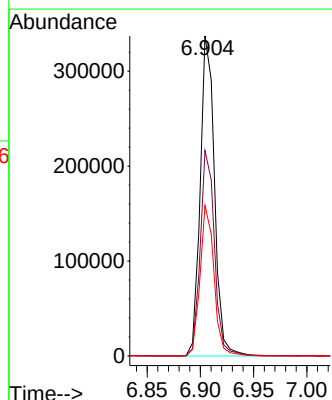
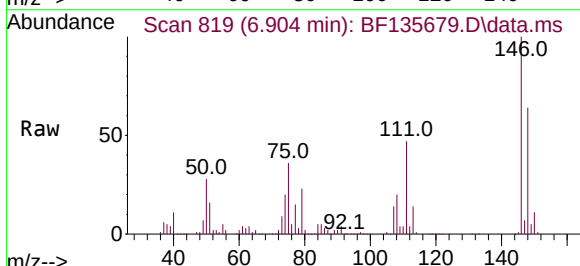
Tgt Ion:146 Resp: 315753

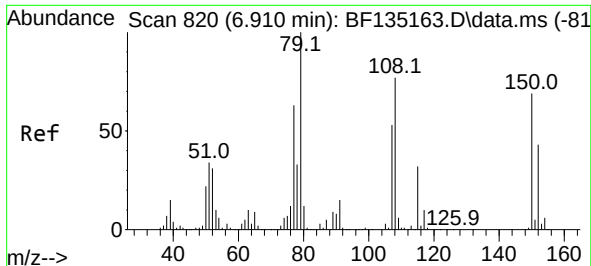
Ion Ratio Lower Upper

146 100

148 64.1 49.7 74.5

111 47.0 37.4 56.2

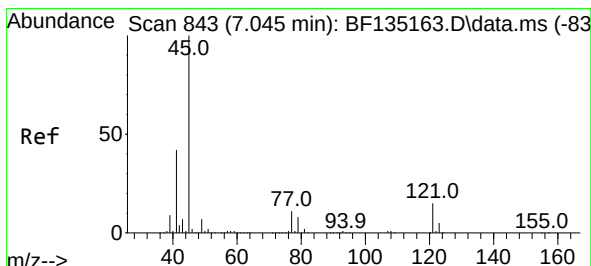
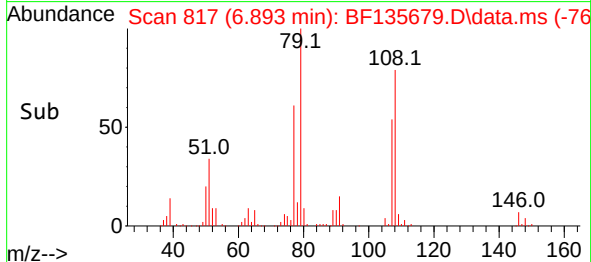
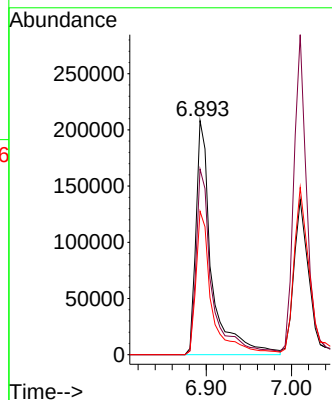
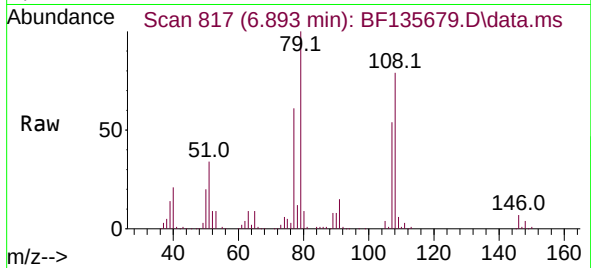




#15
Benzyl Alcohol
Concen: 50.648 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

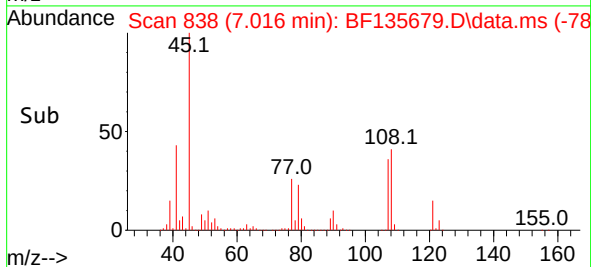
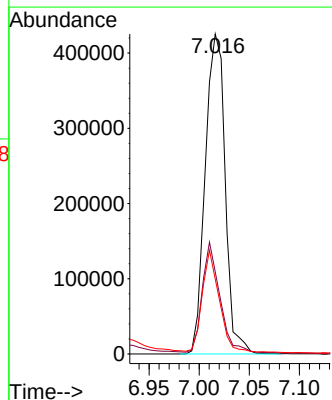
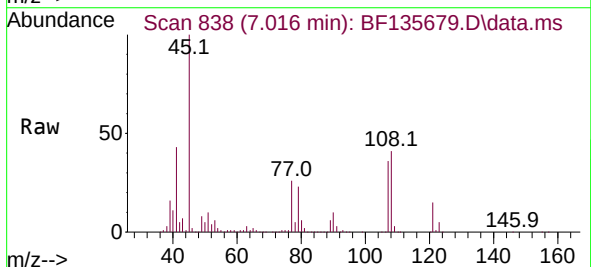
Instrument :
BNA_F
ClientSampleId :
PB156189BS

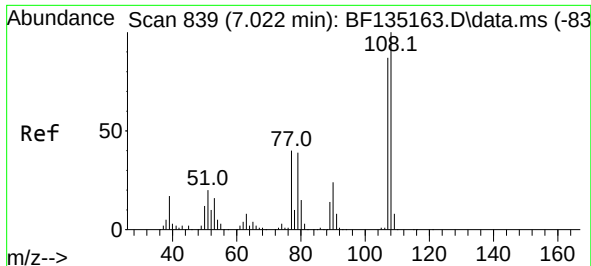
Tgt Ion: 79 Resp: 268741
Ion Ratio Lower Upper
79 100
108 79.3 61.2 91.8
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.428 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion: 45 Resp: 589567
Ion Ratio Lower Upper
45 100
77 25.7 0.0 30.6
79 23.4 0.0 28.3

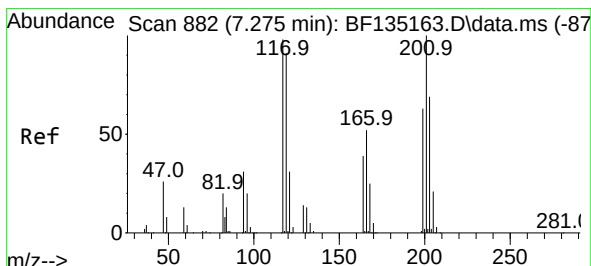
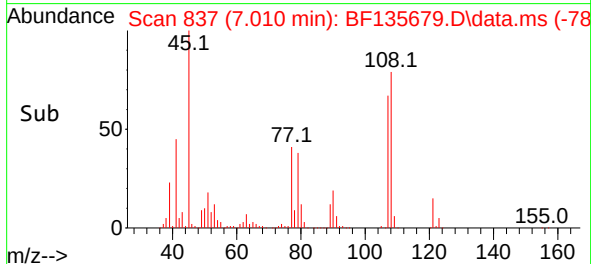
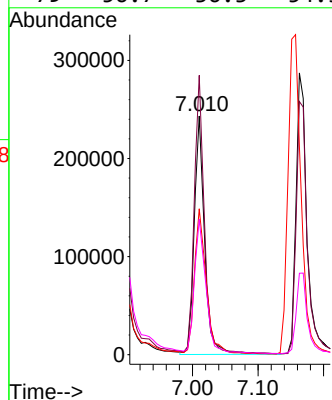
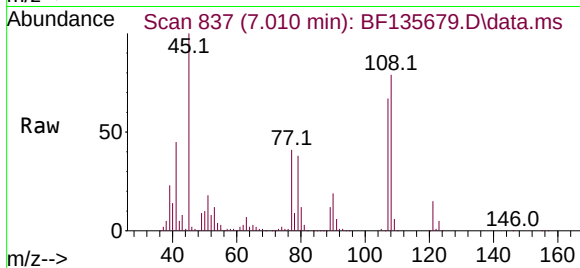




#17
2-Methylphenol
Concen: 48.962 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

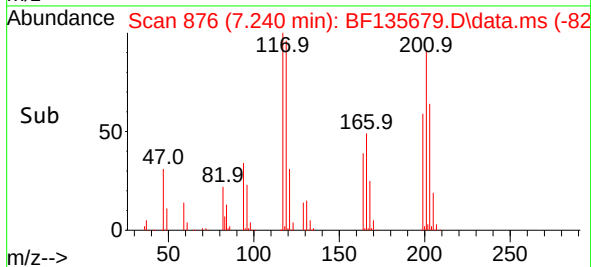
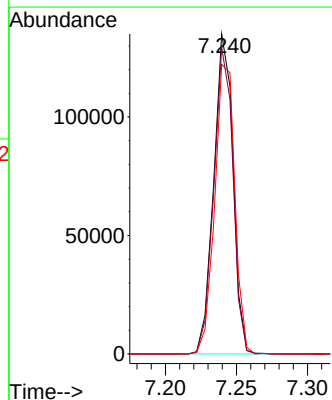
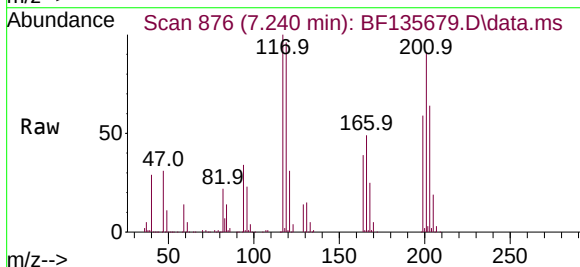
Instrument :
BNA_F
ClientSampleId :
PB156189BS

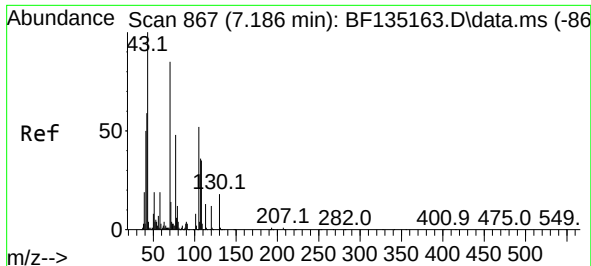
Tgt Ion:107 Resp: 268217
Ion Ratio Lower Upper
107 100
108 117.0 92.0 138.0
77 61.1 36.7 55.1#
79 56.7 36.3 54.5#



#18
Hexachloroethane
Concen: 53.877 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:117 Resp: 127775
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 90.5 81.8 122.8

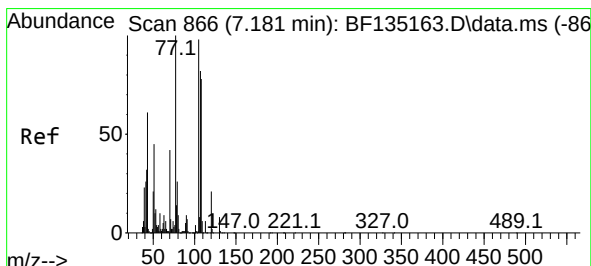
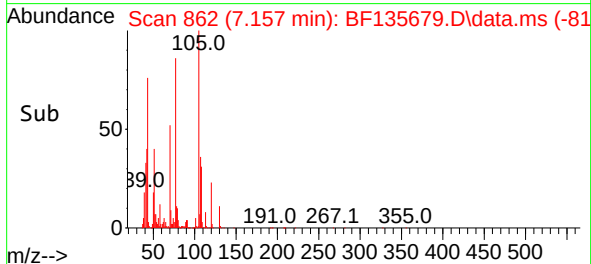
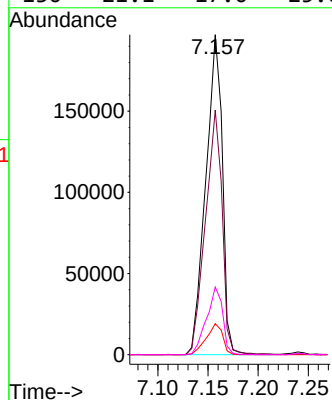
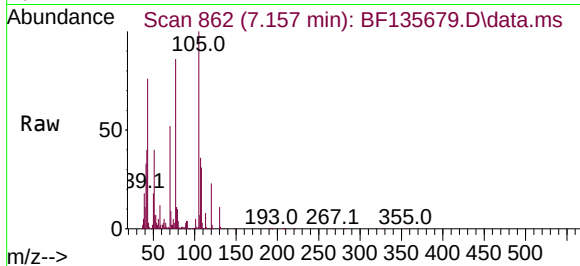




#19
n-Nitroso-di-n-propylamine
Concen: 49.664 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

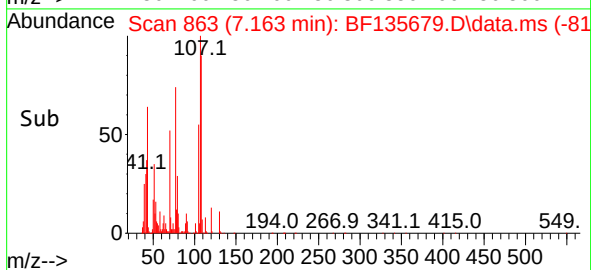
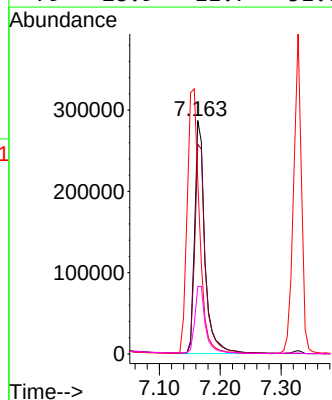
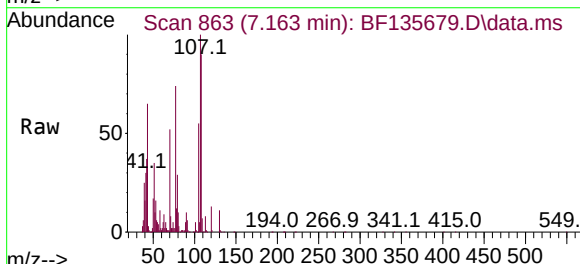
Instrument :
BNA_F
ClientSampleId :
PB156189BS

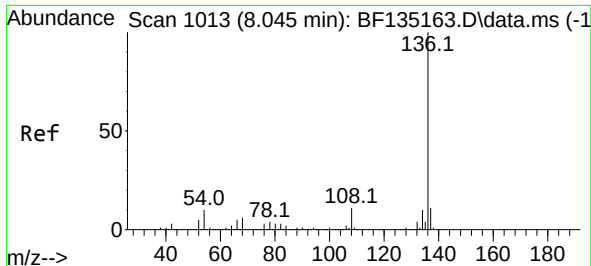
Tgt Ion: 70 Resp: 227461
Ion Ratio Lower Upper
70 100
42 76.5 55.4 83.0
101 9.7 7.7 11.5
130 21.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 51.156 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

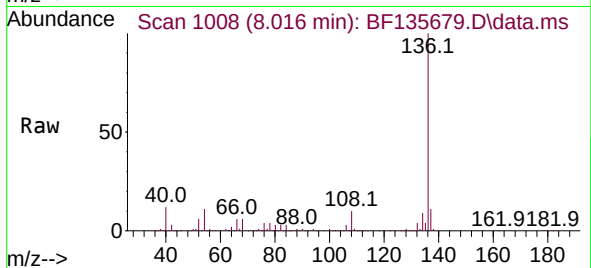
Tgt Ion: 107 Resp: 336975
Ion Ratio Lower Upper
107 100
108 89.8 74.7 114.7
77 74.0 102.0 142.0#
79 28.9 11.7 51.7



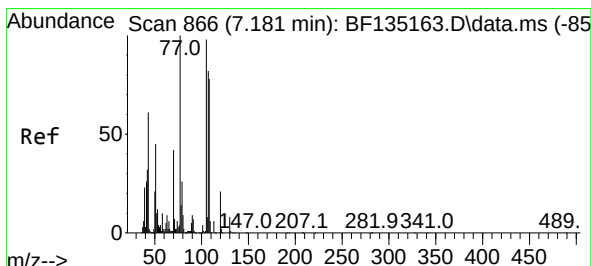
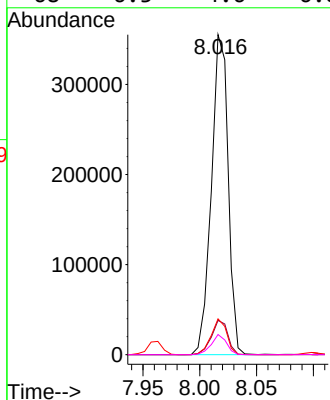
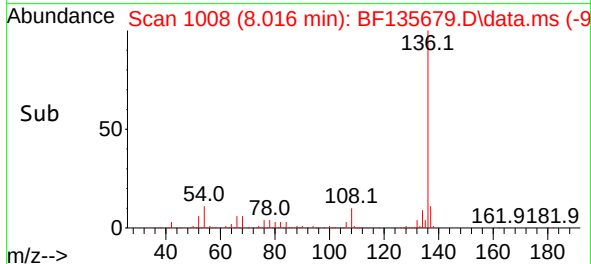


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

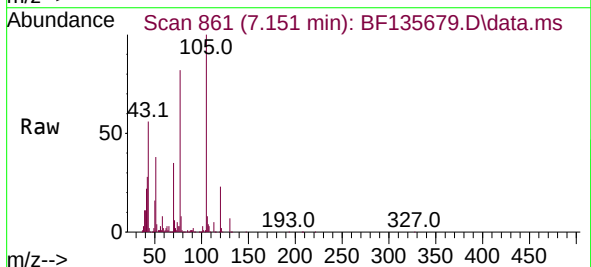
Instrument :
BNA_F
ClientSampleId :
PB156189BS



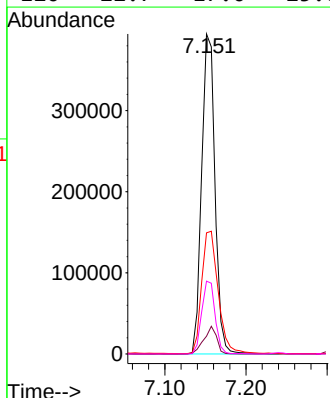
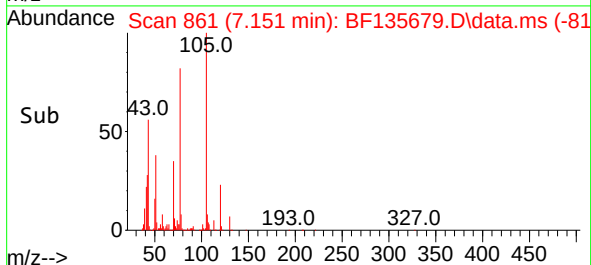
Tgt Ion:136 Resp: 364886
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.2 7.7 11.5
68 6.3 4.6 6.8

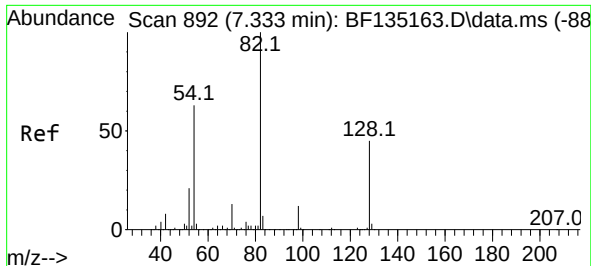


#22
Acetophenone
Concen: 53.934 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47



Tgt Ion:105 Resp: 449927
Ion Ratio Lower Upper
105 100
71 5.6 5.8 8.6#
51 37.9 37.0 55.4
120 22.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 99.438 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

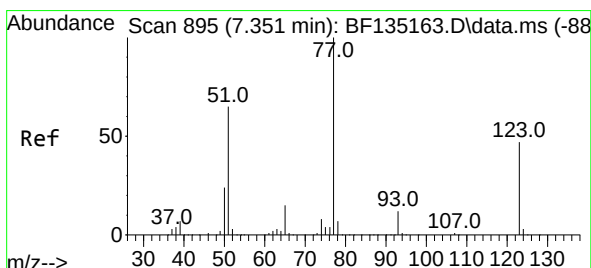
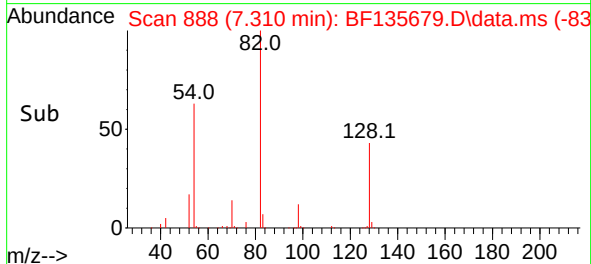
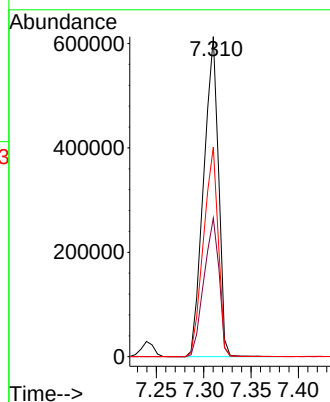
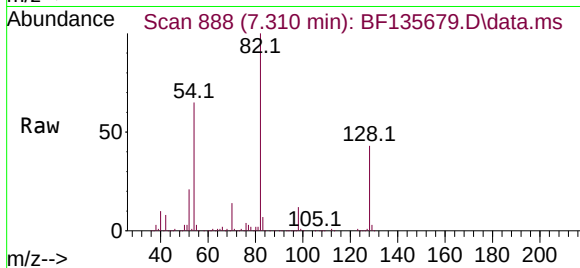
Tgt Ion: 82 Resp: 667846

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 65.5 50.6 76.0



#24

Nitrobenzene

Concen: 53.217 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

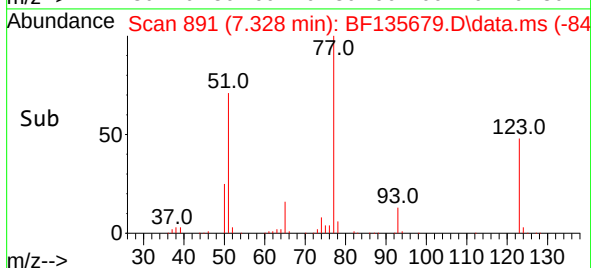
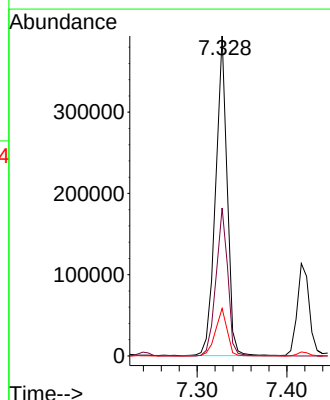
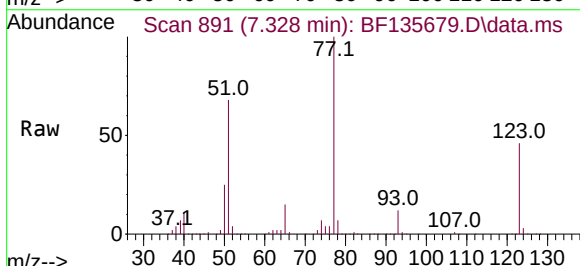
Tgt Ion: 77 Resp: 353270

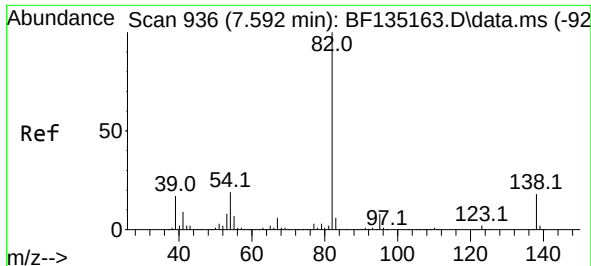
Ion Ratio Lower Upper

77 100

123 46.3 37.6 56.4

65 14.9 12.2 18.4

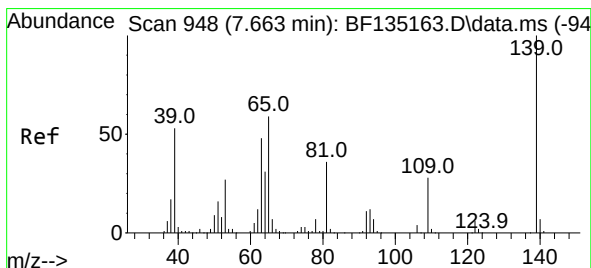
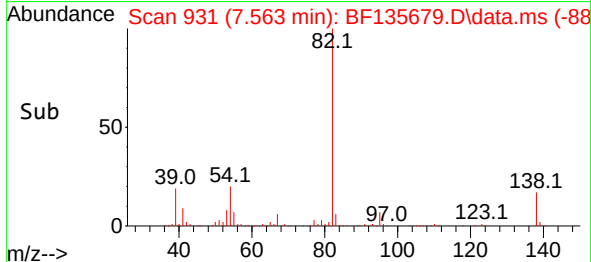
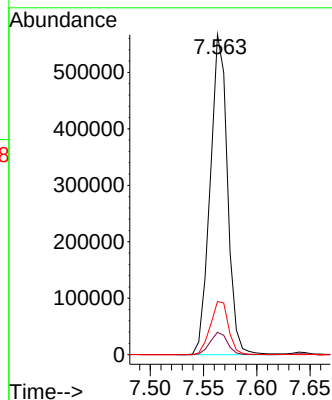
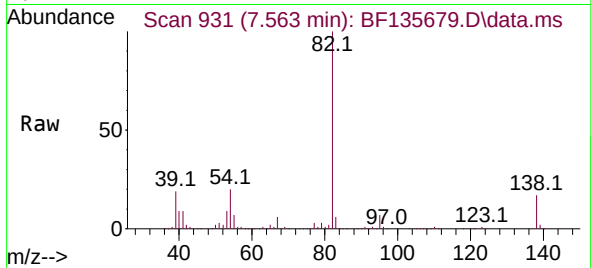




#25
Isophorone
Concen: 51.982 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

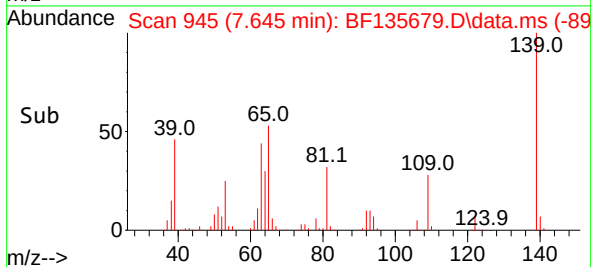
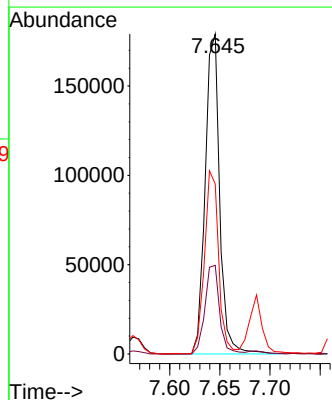
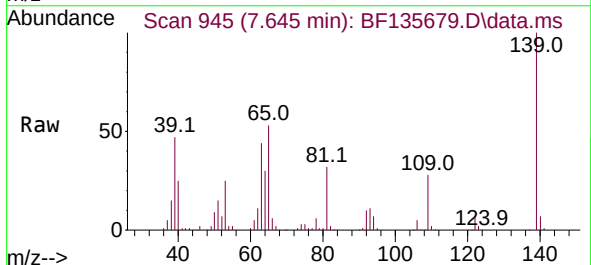
Instrument :
BNA_F
ClientSampleId :
PB156189BS

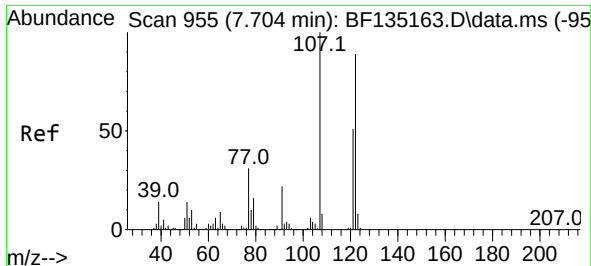
Tgt Ion: 82 Resp: 641082
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.6 14.5 21.7



#26
2-Nitrophenol
Concen: 56.935 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion: 139 Resp: 181394
Ion Ratio Lower Upper
139 100
109 27.7 22.6 33.8
65 53.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.293 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

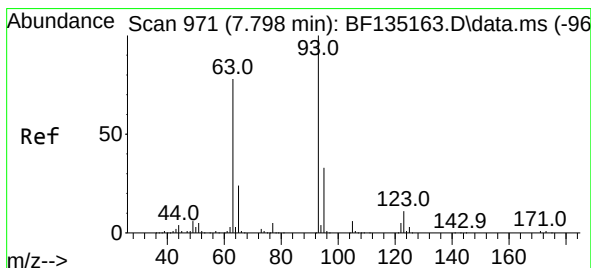
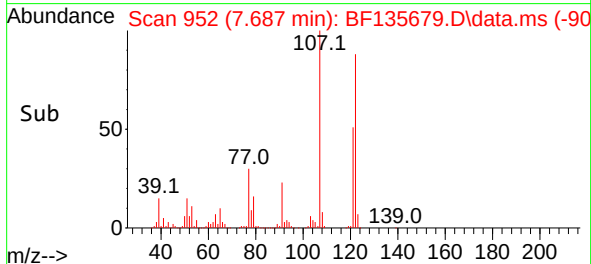
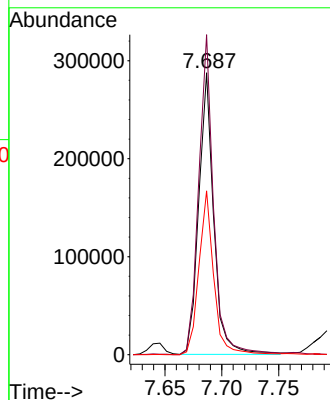
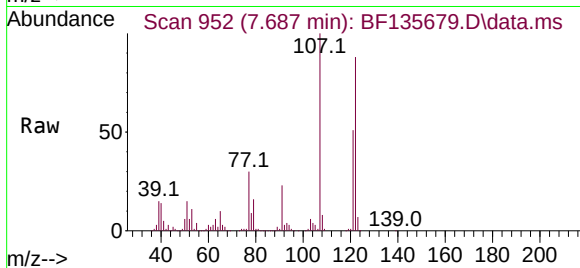
Tgt Ion:122 Resp: 263978

Ion Ratio Lower Upper

122 100

107 113.5 90.2 135.4

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 53.675 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

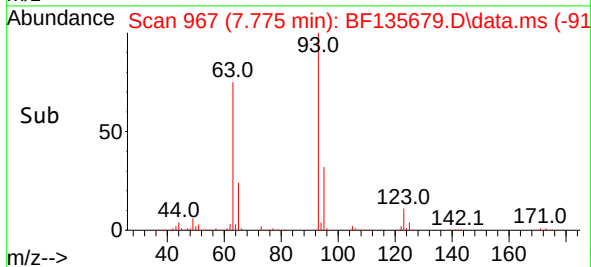
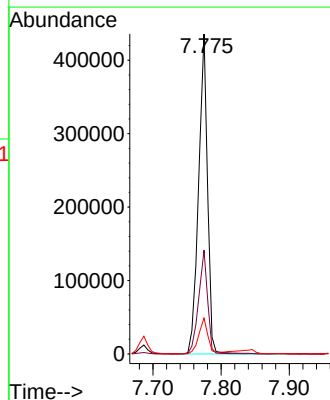
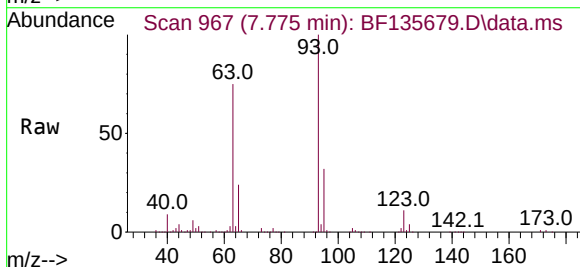
Tgt Ion: 93 Resp: 396199

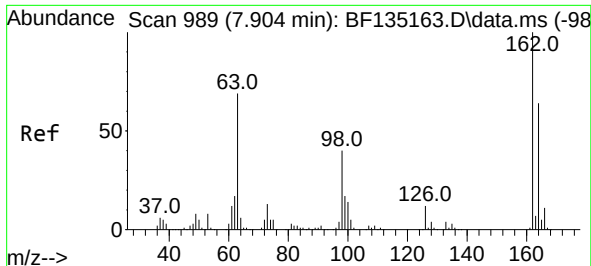
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 55.790 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

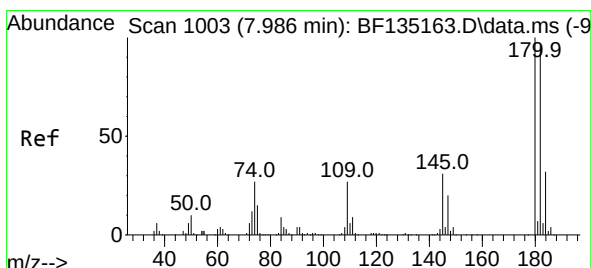
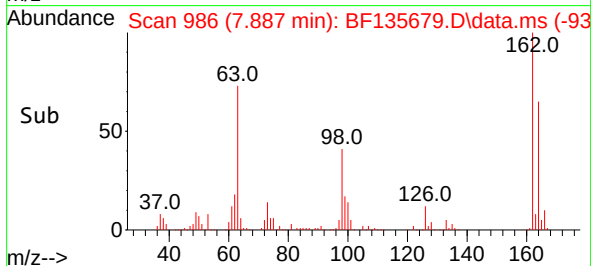
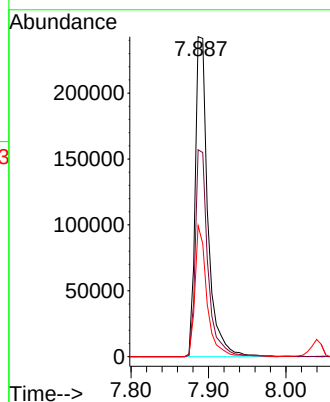
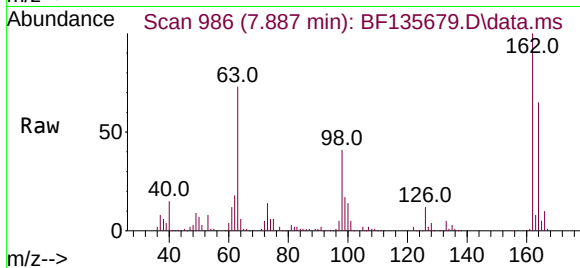
Tgt Ion:162 Resp: 276846

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 40.9 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 54.545 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

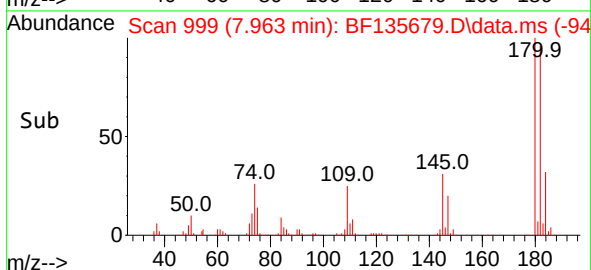
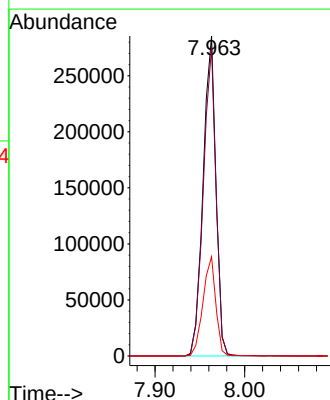
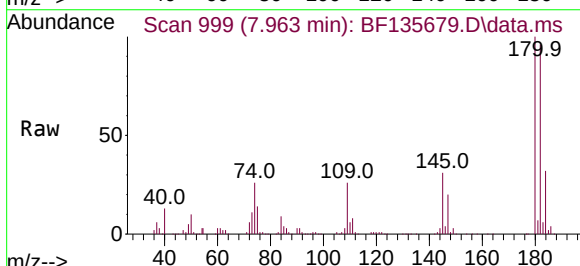
Tgt Ion:180 Resp: 282910

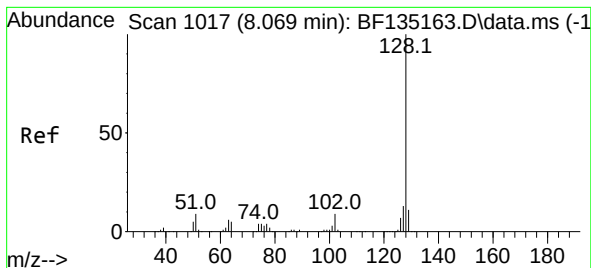
Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

145 31.0 24.5 36.7





#31

Naphthalene

Concen: 53.682 ng

RT: 8.040 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

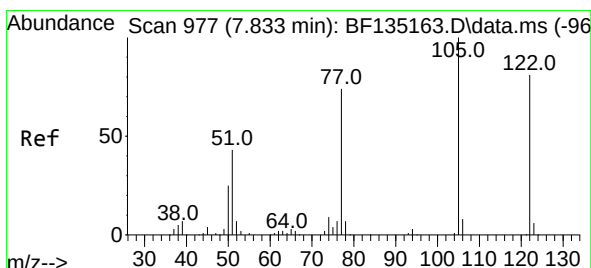
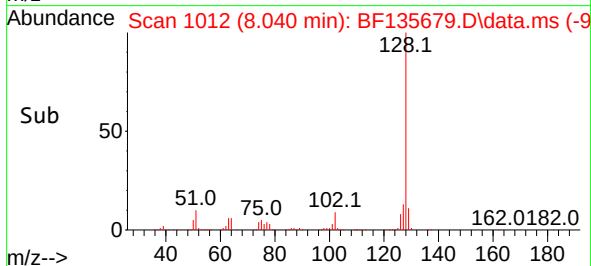
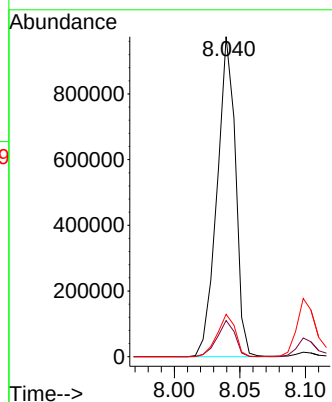
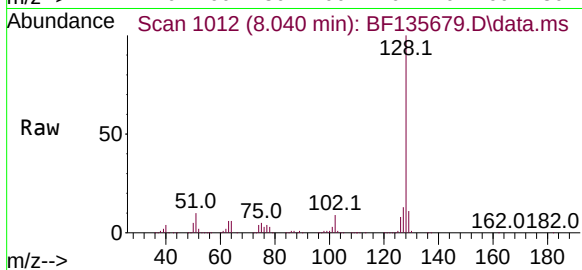
Tgt Ion:128 Resp: 951706

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 48.226 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

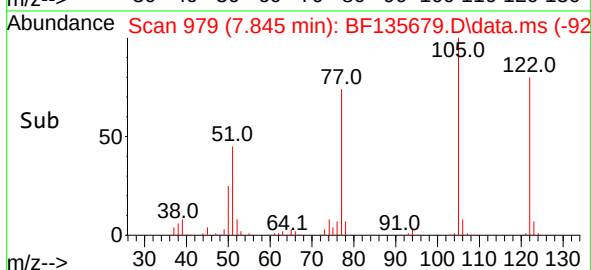
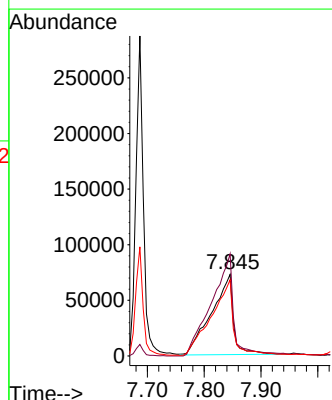
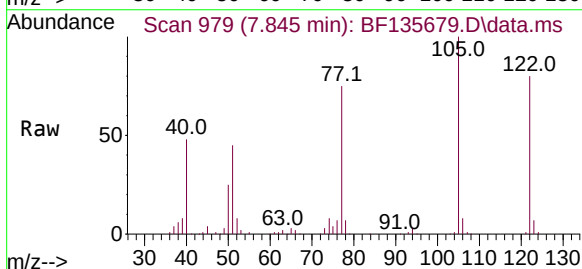
Tgt Ion:122 Resp: 194475

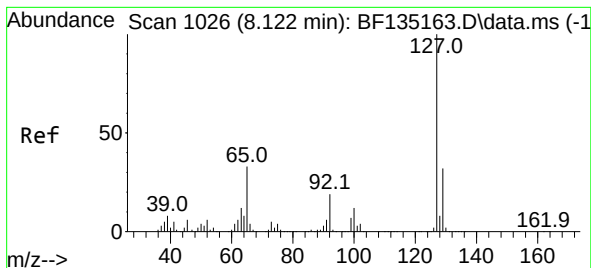
Ion Ratio Lower Upper

122 100

105 124.9 99.9 139.9

77 93.3 70.0 110.0





#33

4-Chloroaniline

Concen: 26.591 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

Tgt Ion:127 Resp: 206835

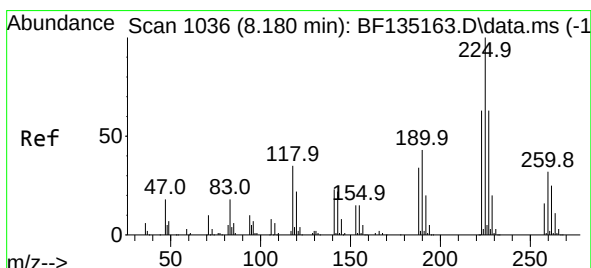
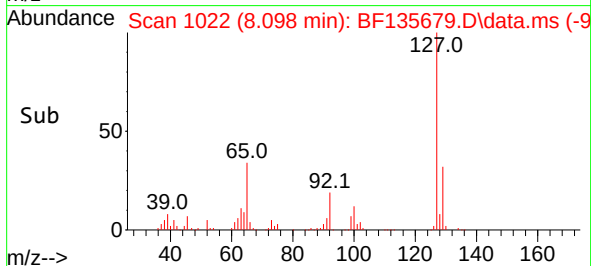
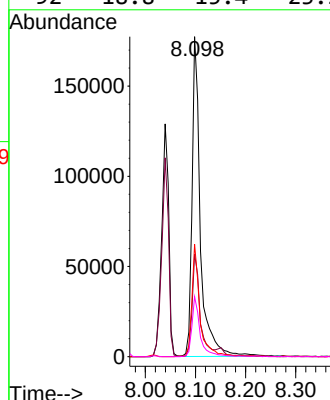
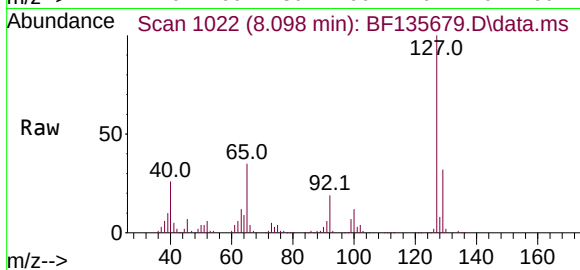
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 35.1 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 53.452 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

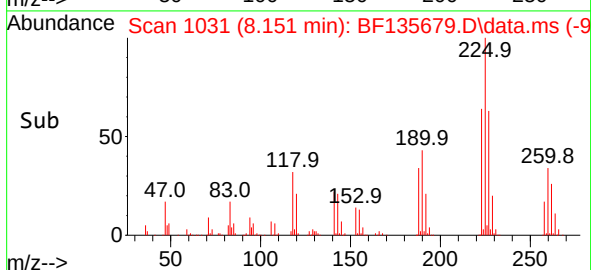
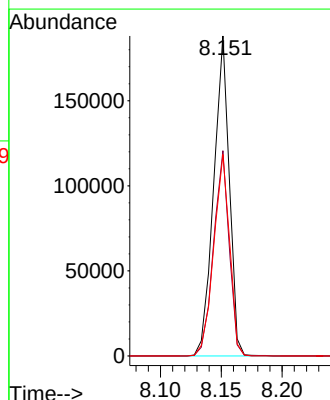
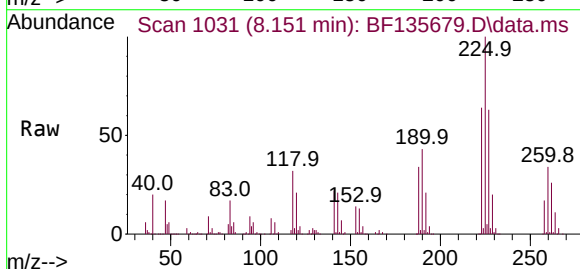
Tgt Ion:225 Resp: 167172

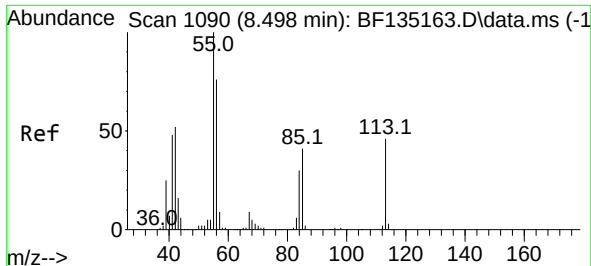
Ion Ratio Lower Upper

225 100

223 64.2 50.6 75.8

227 63.0 50.8 76.2

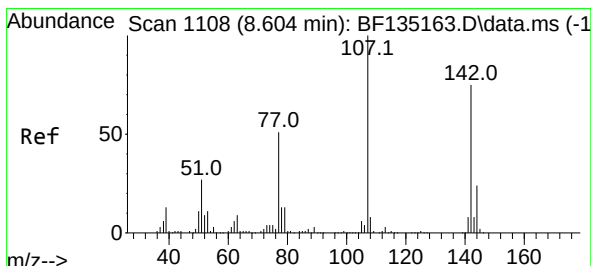
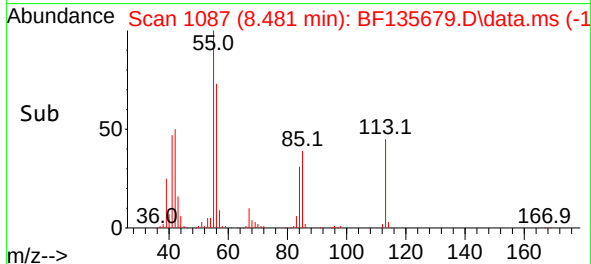
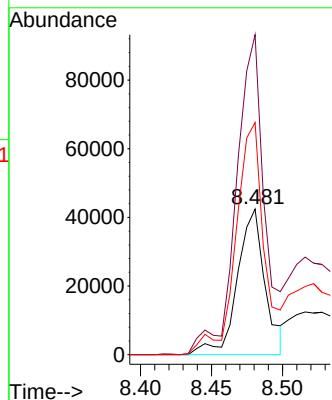
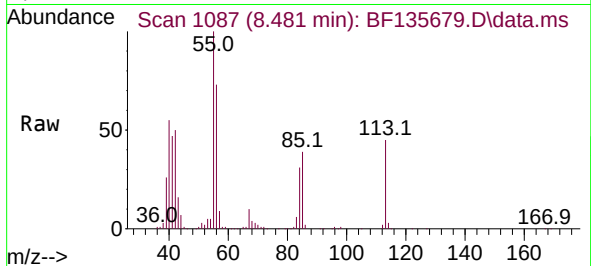




#35
Caprolactam
Concen: 34.506 ng
RT: 8.481 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

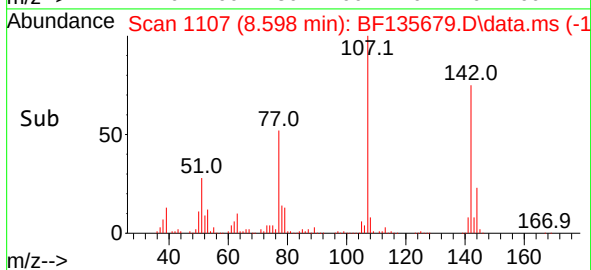
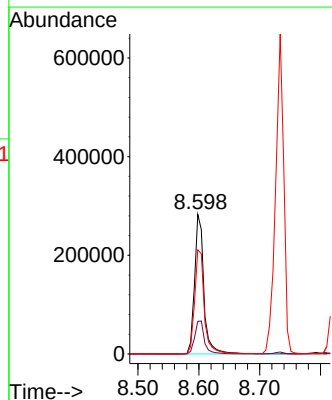
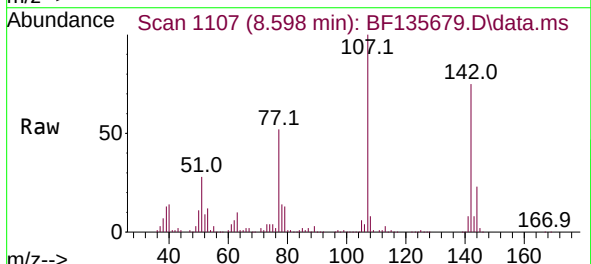
Instrument :
BNA_F
ClientSampleId :
PB156189BS

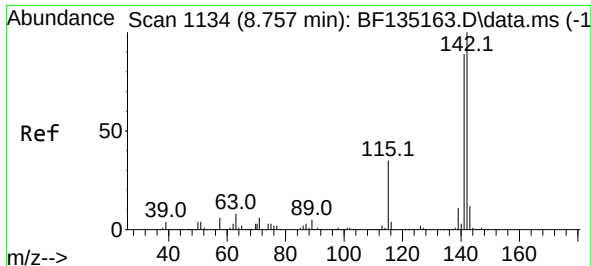
Tgt Ion:113 Resp: 57467
Ion Ratio Lower Upper
113 100
55 219.8 199.3 239.3
56 159.4 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 54.744 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:107 Resp: 301924
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 74.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 50.889 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

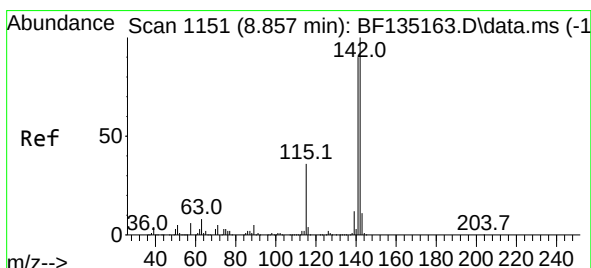
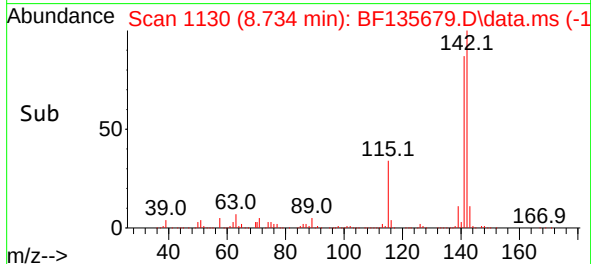
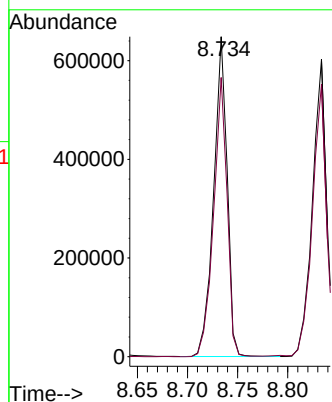
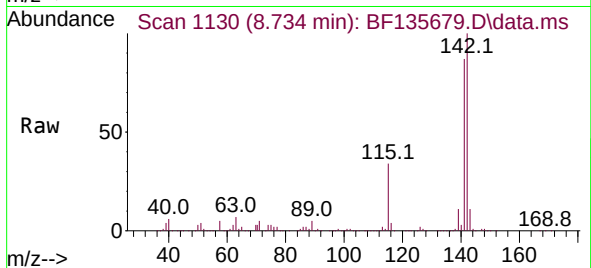
PB156189BS

Tgt Ion:142 Resp: 606457

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 51.663 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135679.D

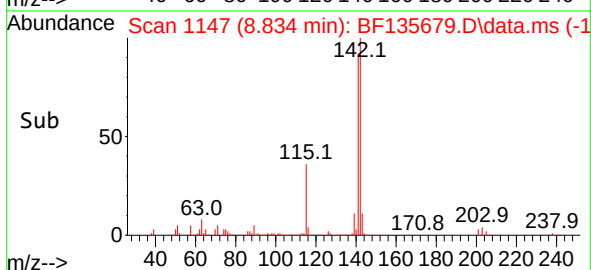
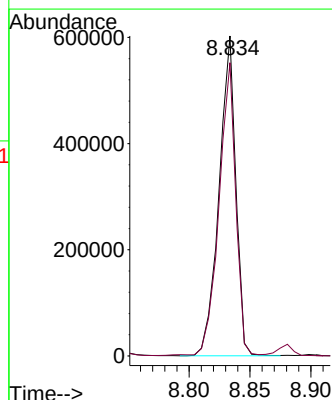
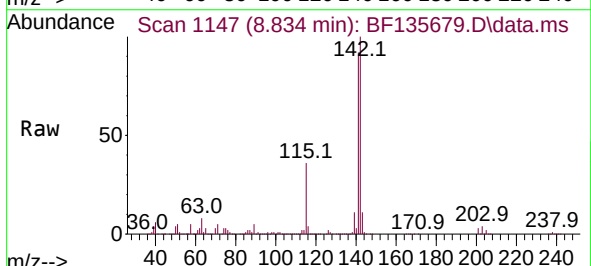
Acq: 10 Oct 2023 11:47

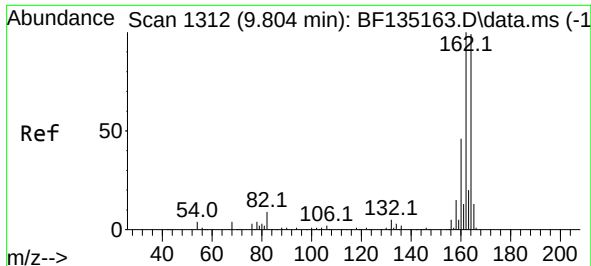
Tgt Ion:142 Resp: 576426

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6

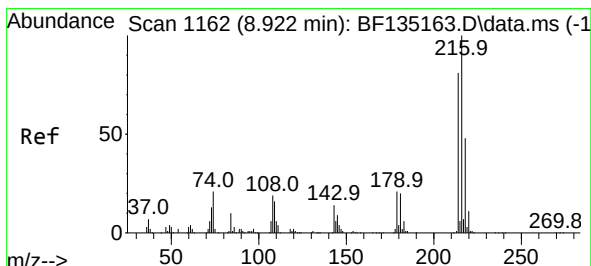
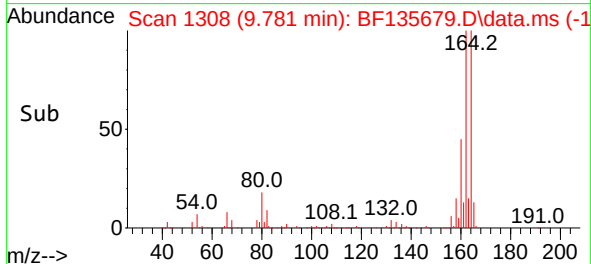
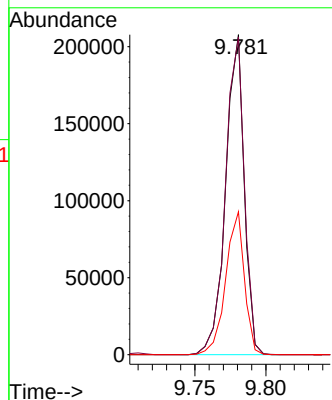
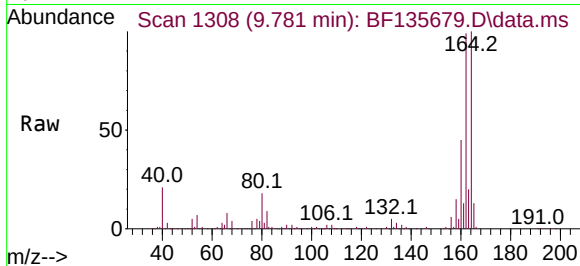




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

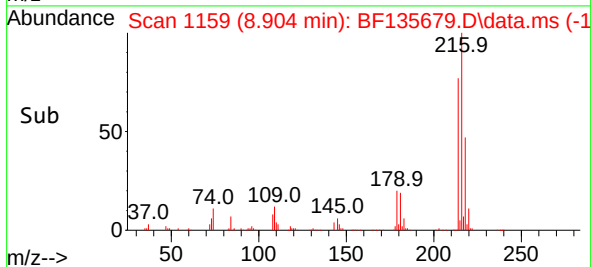
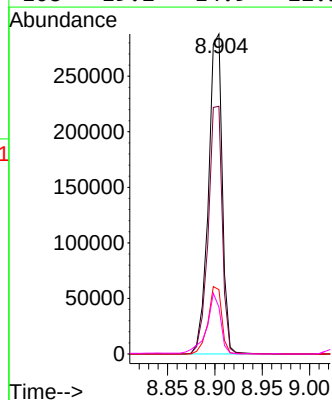
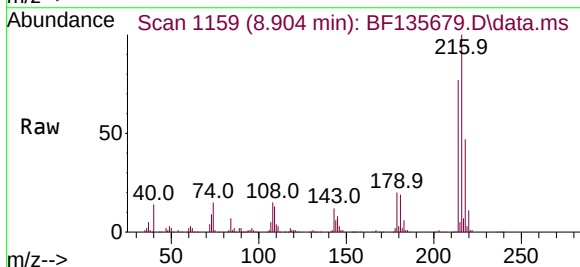
Instrument :
BNA_F
ClientSampleId :
PB156189BS

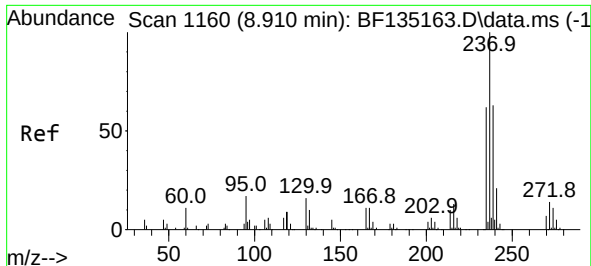
Tgt Ion:164 Resp: 188172
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 44.6 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.405 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:216 Resp: 291137
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 20.9 16.7 25.1
108 19.2 14.9 22.3

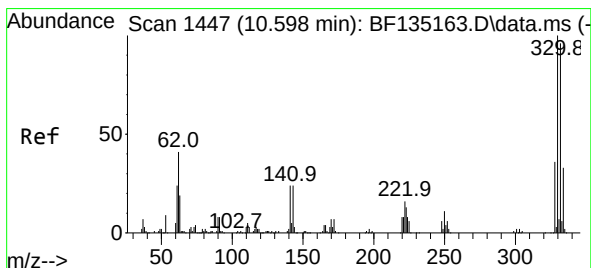
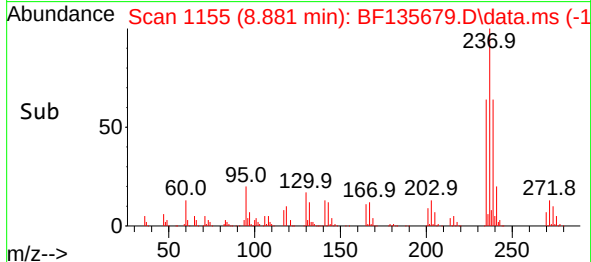
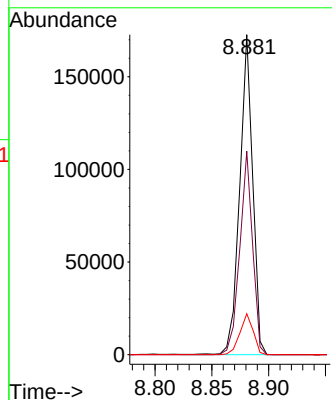
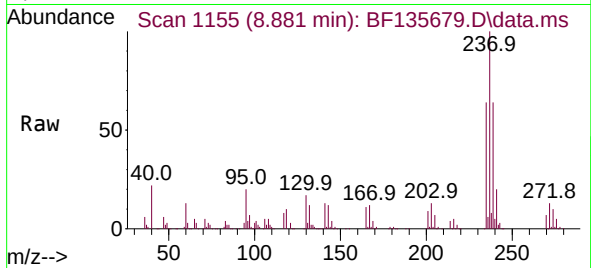




#41
Hexachlorocyclopentadiene
Concen: 59.213 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

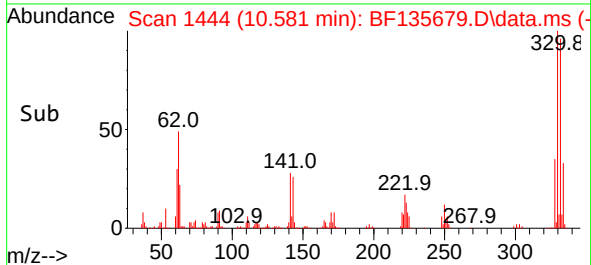
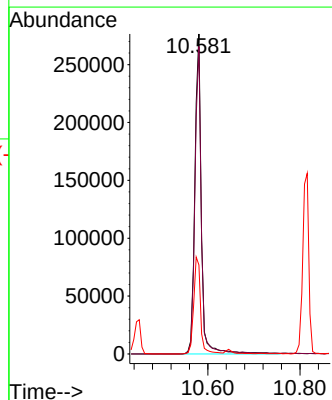
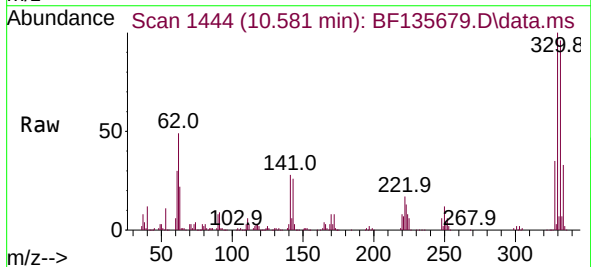
Instrument :
BNA_F
ClientSampleId :
PB156189BS

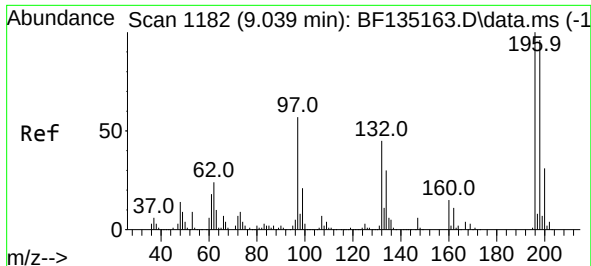
Tgt Ion:237 Resp: 137158
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 12.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 144.028 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:330 Resp: 269328
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 32.0 25.8 38.8

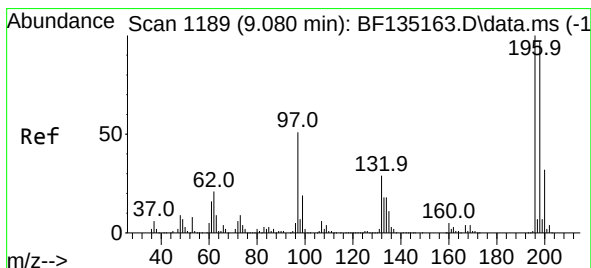
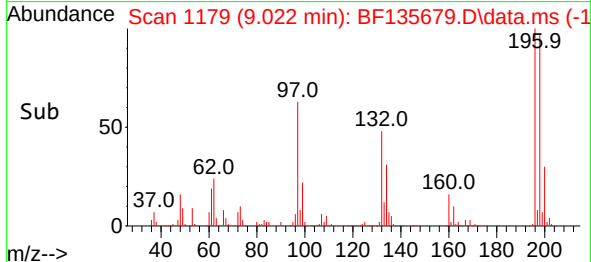
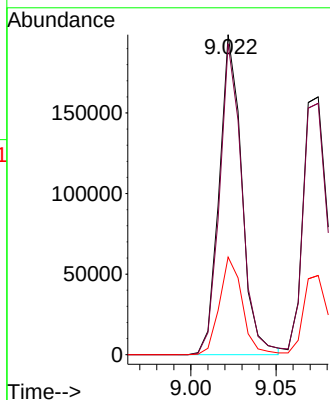
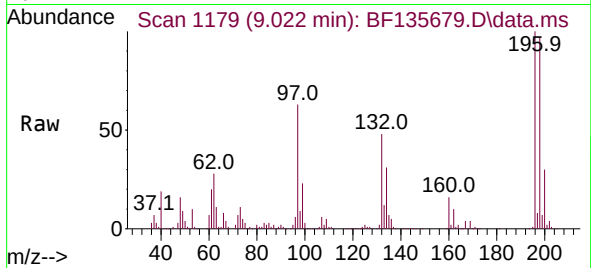




#43
2,4,6-Trichlorophenol
Concen: 51.290 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

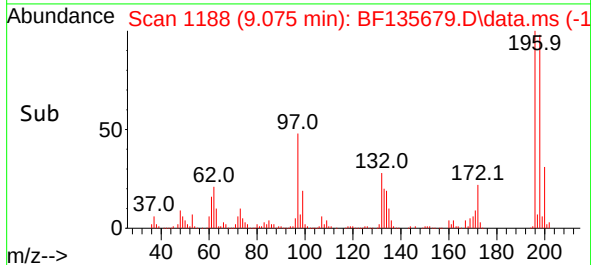
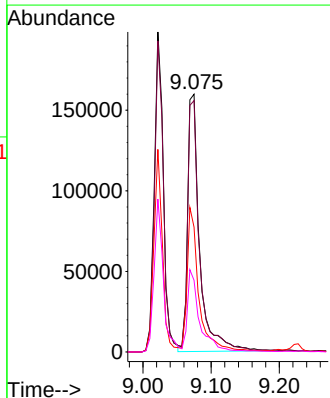
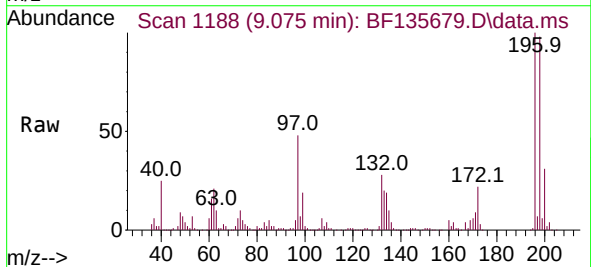
Instrument :
BNA_F
ClientSampleId :
PB156189BS

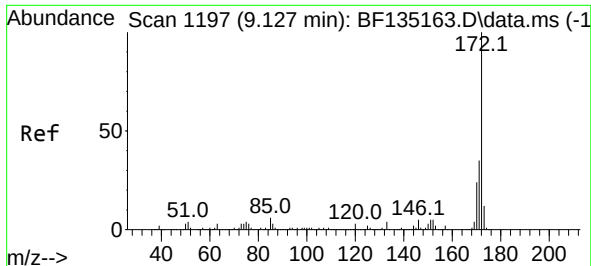
Tgt Ion:196 Resp: 183071
Ion Ratio Lower Upper
196 100
198 97.2 77.0 115.6
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 47.324 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:196 Resp: 194523
Ion Ratio Lower Upper
196 100
198 97.5 77.5 116.3
97 48.4 40.5 60.7
132 27.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 96.761 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

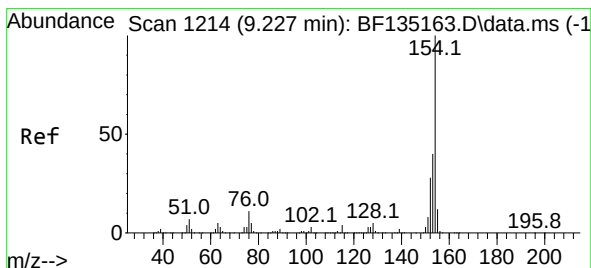
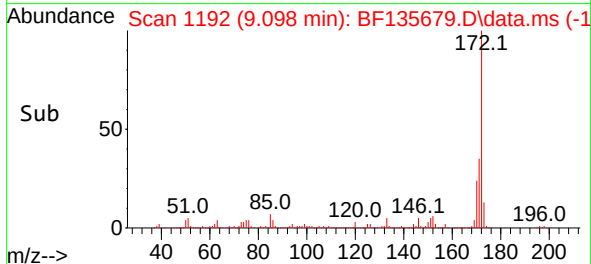
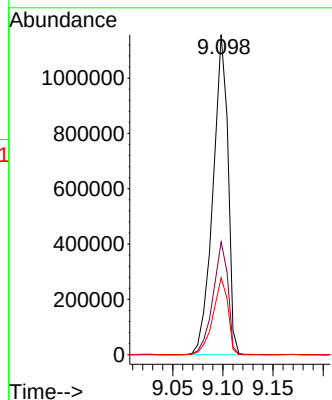
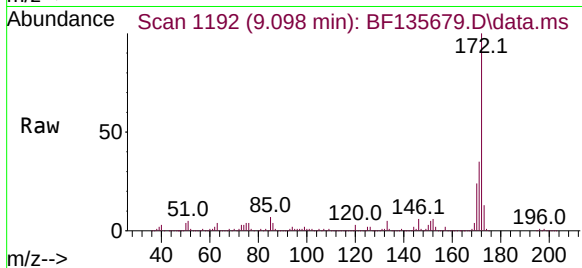
Tgt Ion:172 Resp: 1206828

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 53.668 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

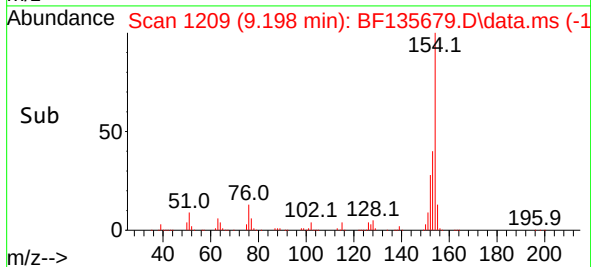
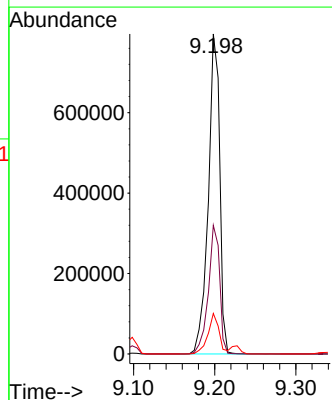
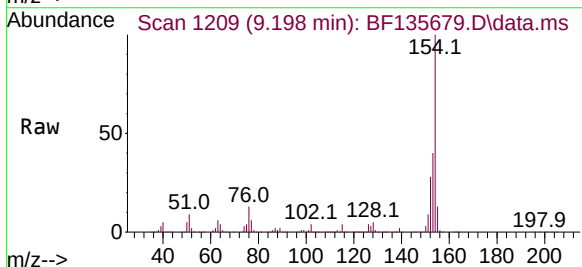
Tgt Ion:154 Resp: 776085

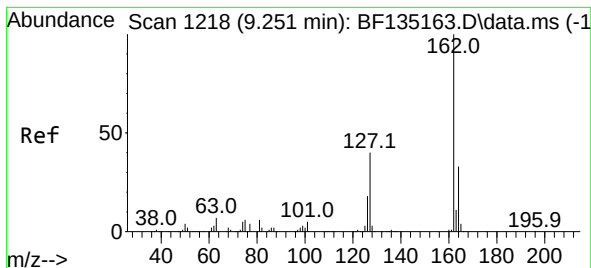
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 54.783 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

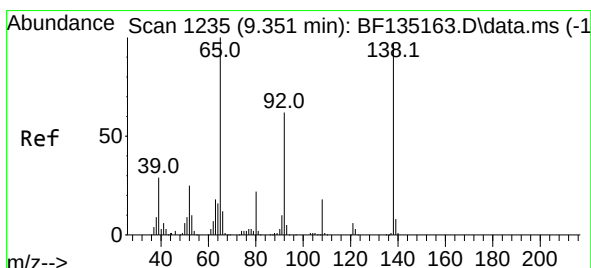
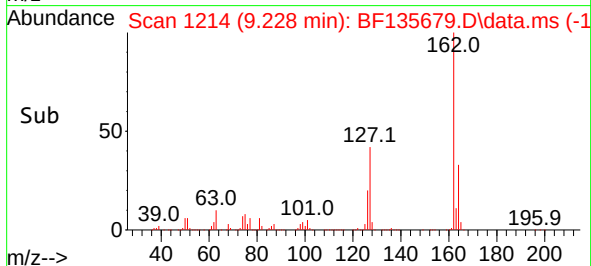
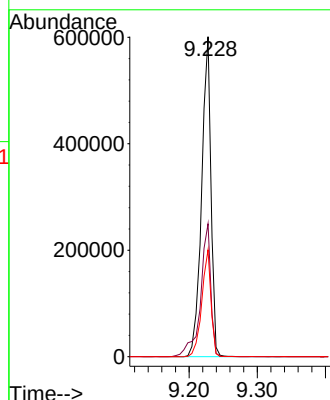
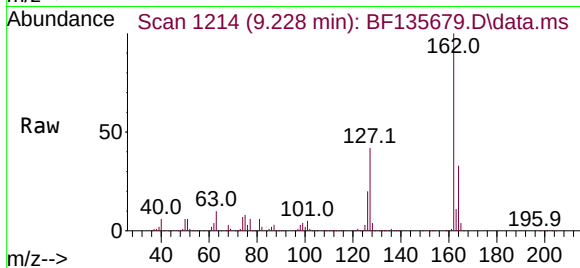
Tgt Ion:162 Resp: 574791

Ion Ratio Lower Upper

162 100

127 41.6 32.6 48.8

164 33.4 26.2 39.2



#48

2-Nitroaniline

Concen: 54.862 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

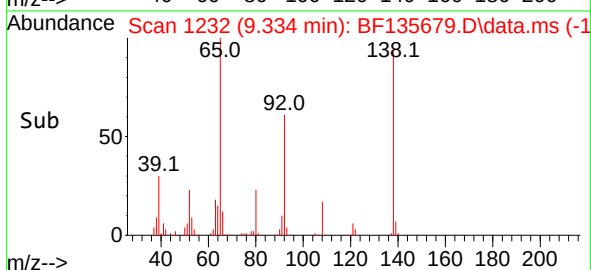
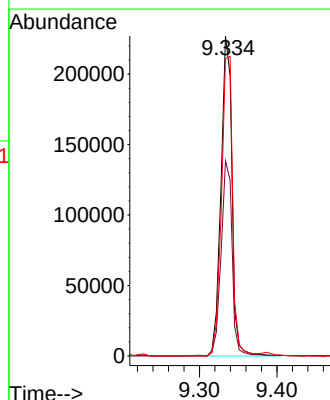
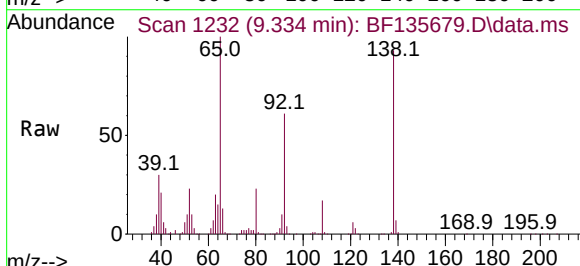
Tgt Ion: 65 Resp: 223625

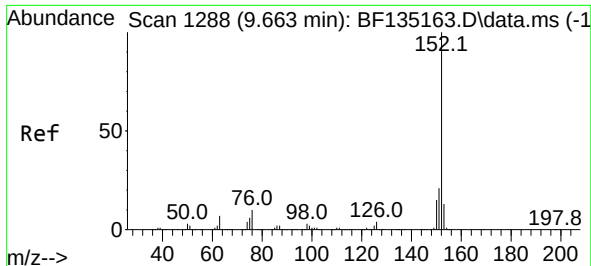
Ion Ratio Lower Upper

65 100

92 60.9 49.4 74.0

138 93.0 77.4 116.0

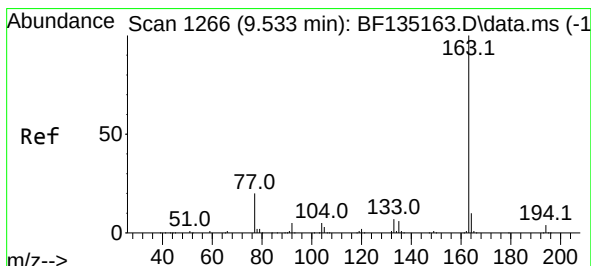
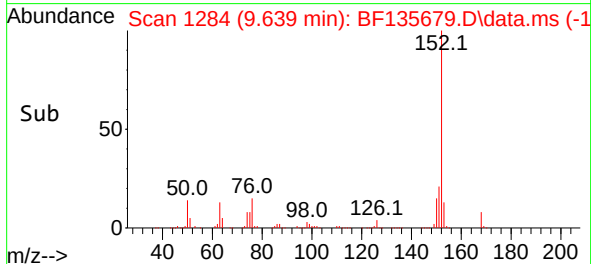
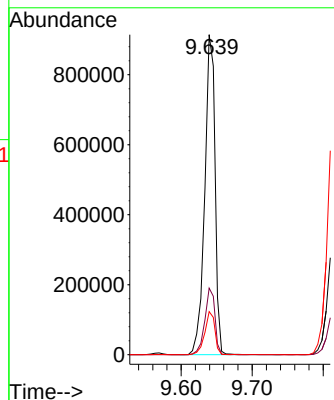
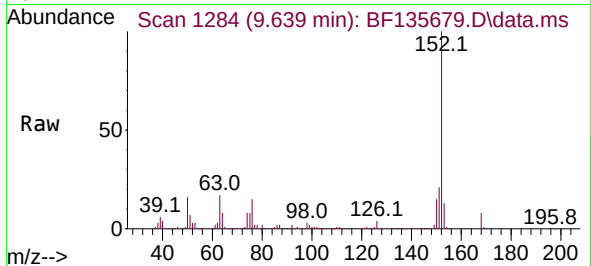




#49
Acenaphthylene
Concen: 53.225 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

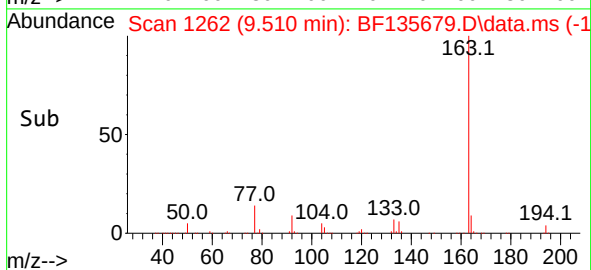
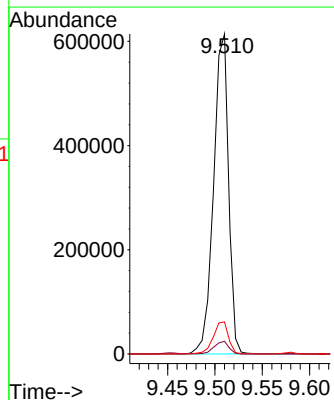
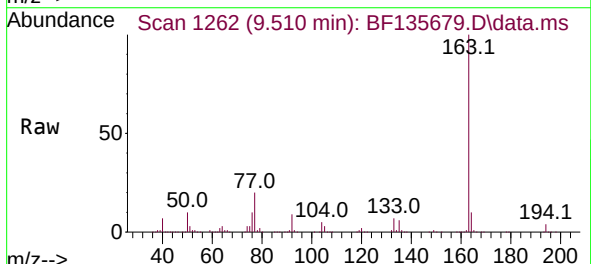
Instrument :
BNA_F
ClientSampleId :
PB156189BS

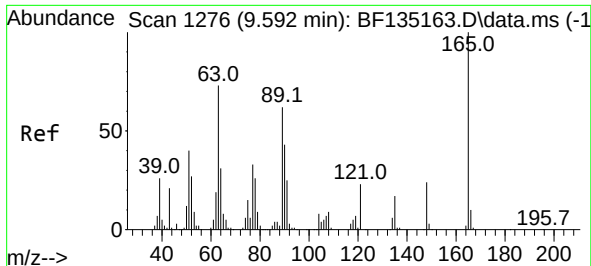
Tgt Ion:152 Resp: 928084
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 52.945 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:163 Resp: 673581
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1

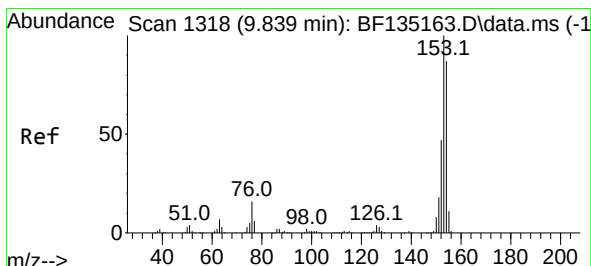
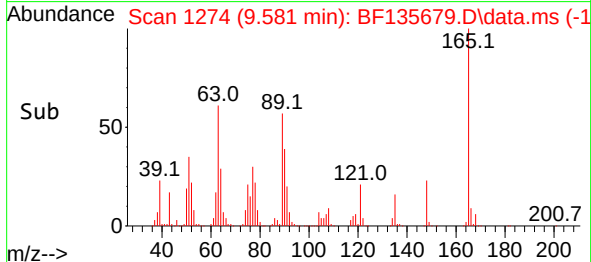
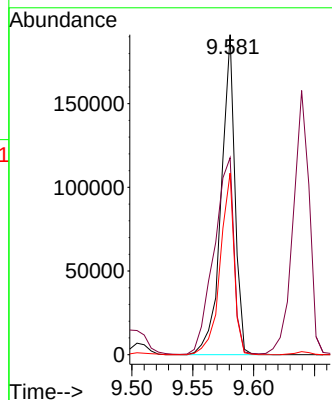
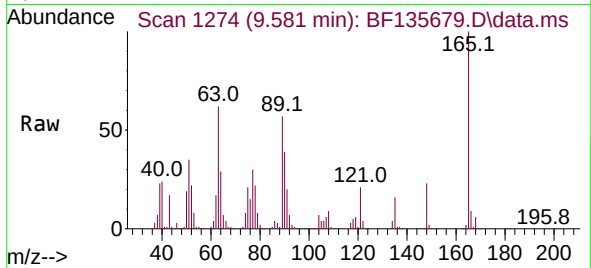




#51
2,6-Dinitrotoluene
Concen: 54.144 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

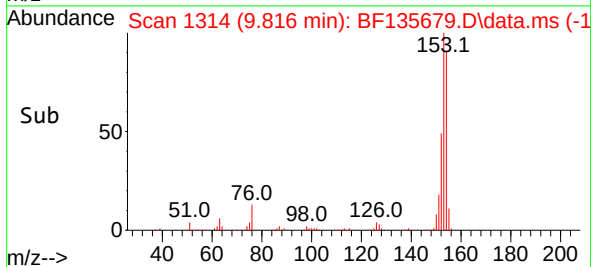
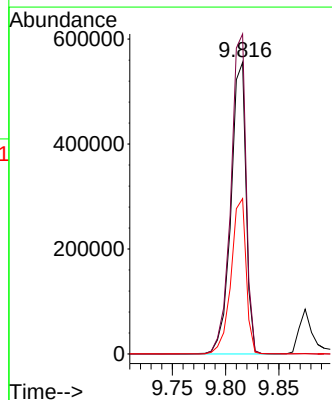
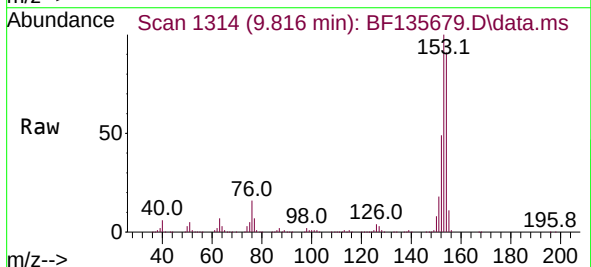
Instrument :
BNA_F
ClientSampleId :
PB156189BS

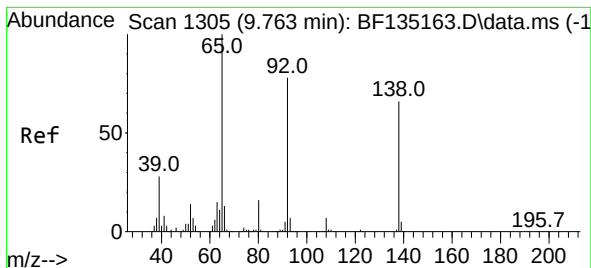
Tgt Ion:165 Resp: 150902
Ion Ratio Lower Upper
165 100
63 61.5 59.4 89.2
89 56.8 49.8 74.8



#52
Acenaphthene
Concen: 53.373 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:154 Resp: 549793
Ion Ratio Lower Upper
154 100
153 109.8 92.1 138.1
152 53.3 43.1 64.7





#53

3-Nitroaniline

Concen: 33.796 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

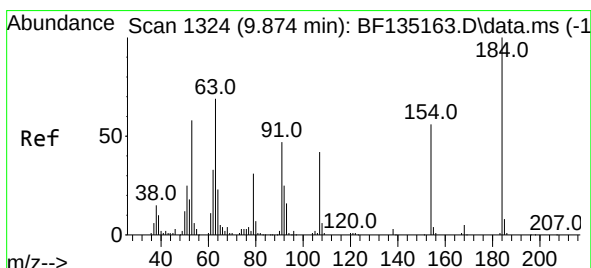
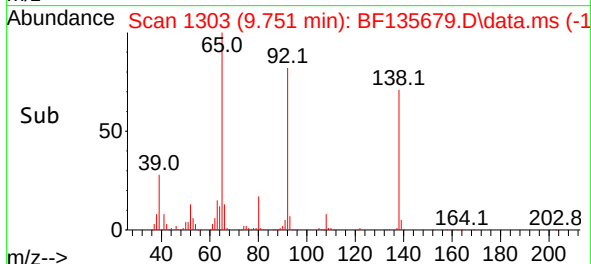
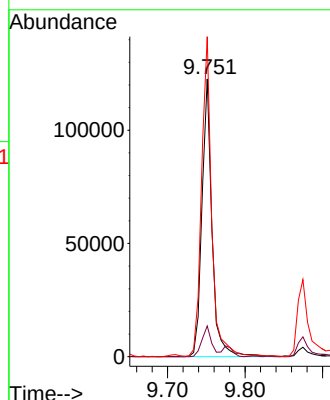
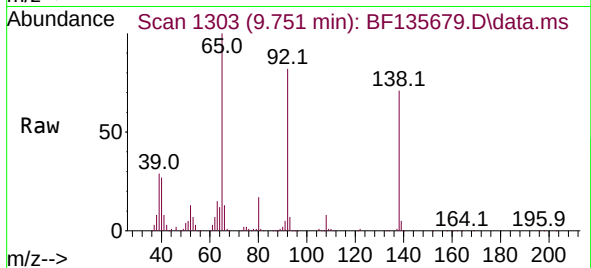
Tgt Ion:138 Resp: 110566

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

92 115.2 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 90.064 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

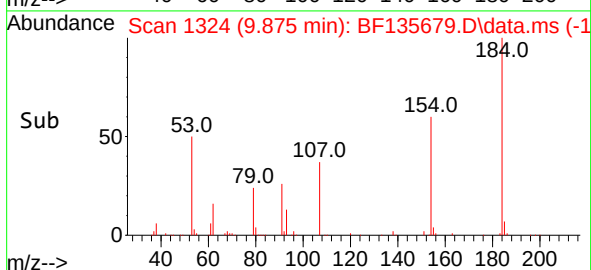
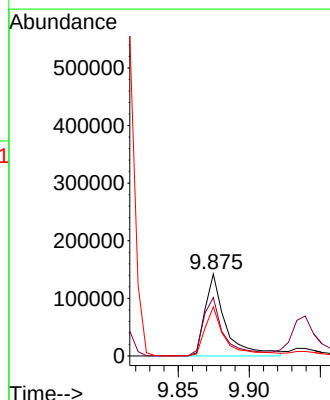
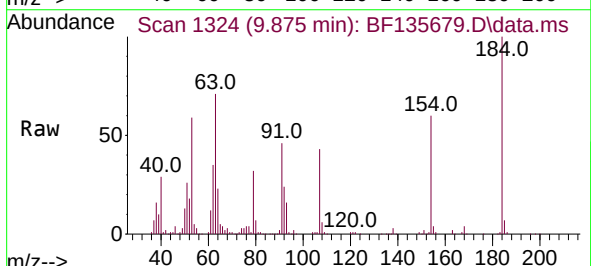
Tgt Ion:184 Resp: 143847

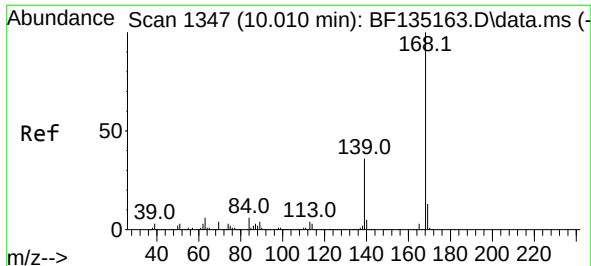
Ion Ratio Lower Upper

184 100

63 71.3 55.1 82.7

154 59.9 48.4 72.6

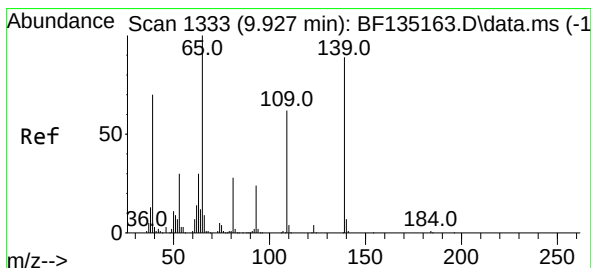
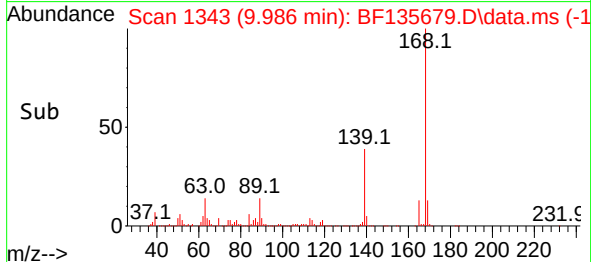
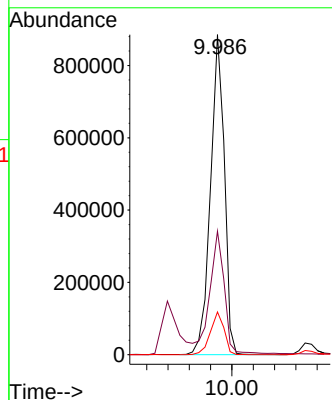
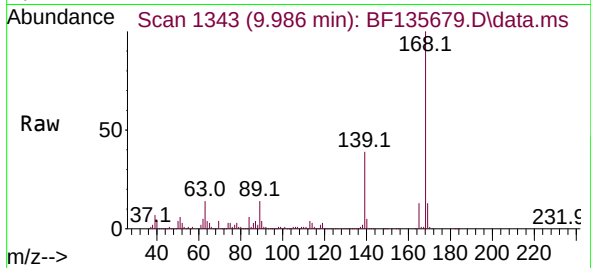




#55
Dibenzenofuran
Concen: 50.865 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

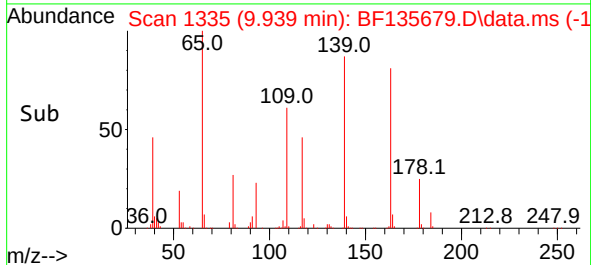
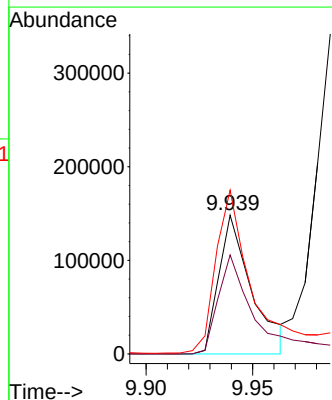
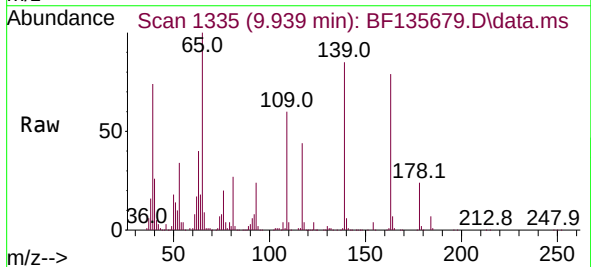
Instrument :
BNA_F
ClientSampleId :
PB156189BS

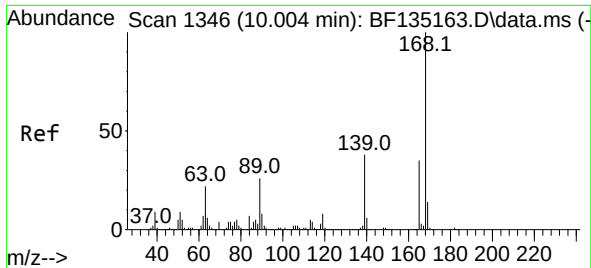
Tgt Ion:168 Resp: 799550
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 76.372 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:139 Resp: 158794
Ion Ratio Lower Upper
139 100
109 71.4 49.8 89.8
65 118.1 92.7 132.7

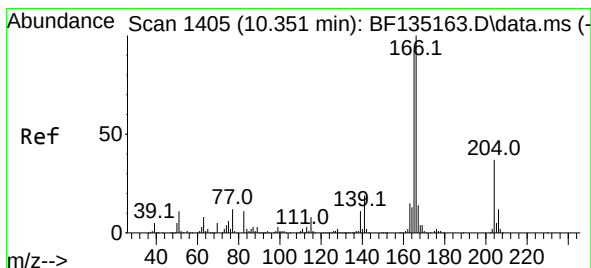
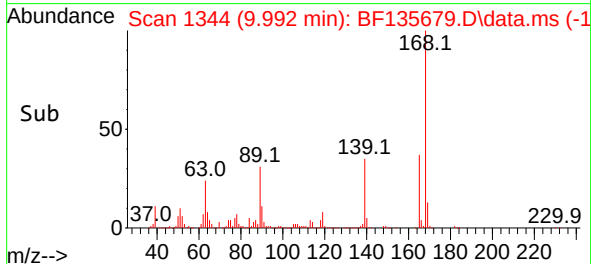
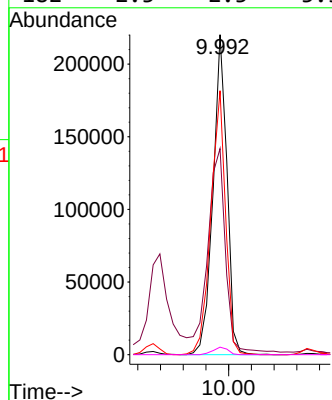
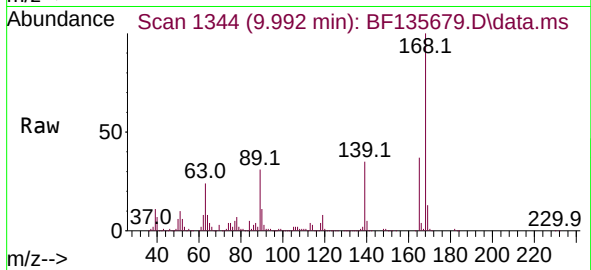




#57
2,4-Dinitrotoluene
Concen: 53.767 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

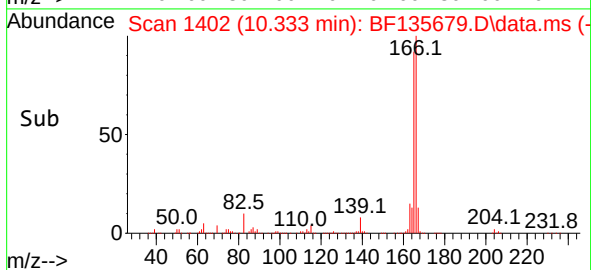
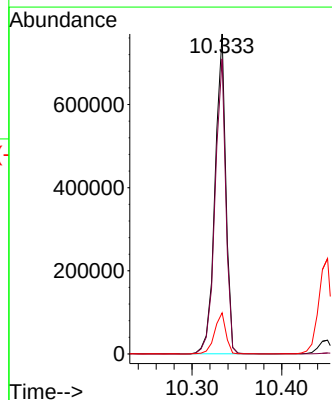
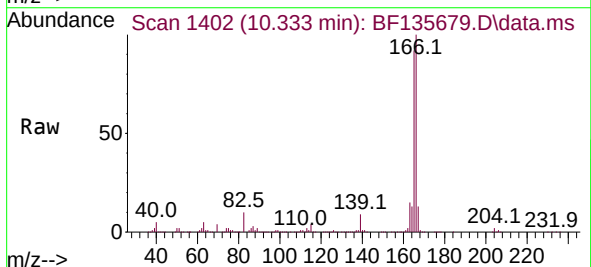
Instrument :
BNA_F
ClientSampleId :
PB156189BS

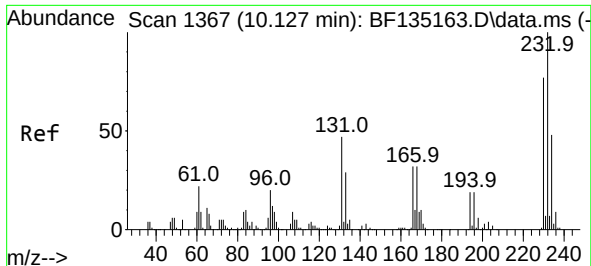
Tgt Ion:165 Resp: 187601
Ion Ratio Lower Upper
165 100
63 64.4 50.1 75.1
89 82.5 59.3 88.9
182 2.3 2.3 3.5



#58
Fluorene
Concen: 53.292 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:166 Resp: 643993
Ion Ratio Lower Upper
166 100
165 92.3 74.3 111.5
167 12.9 10.9 16.3

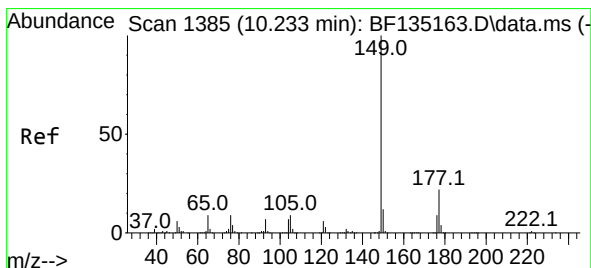
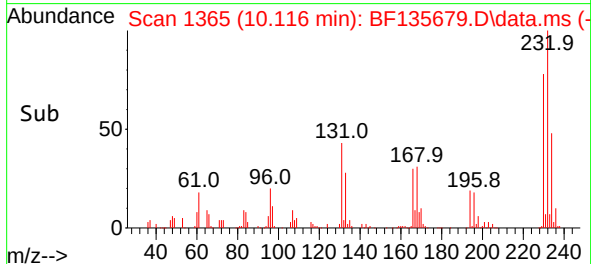
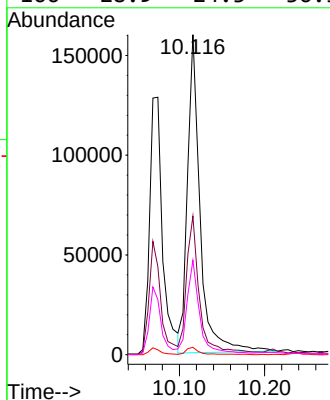
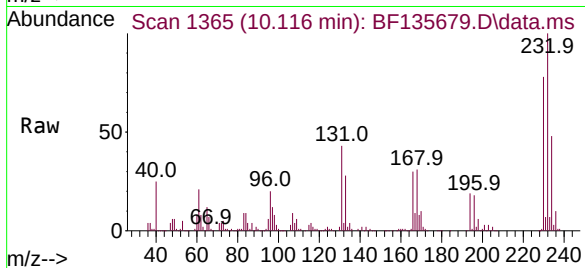




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.911 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

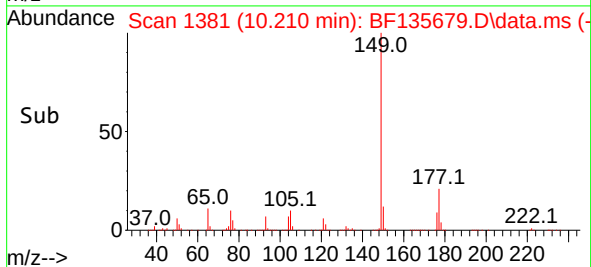
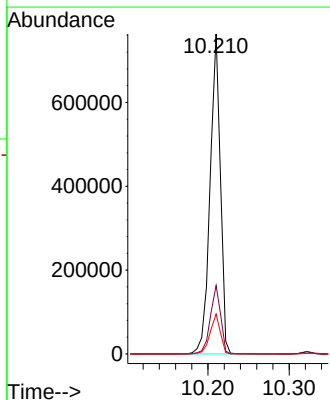
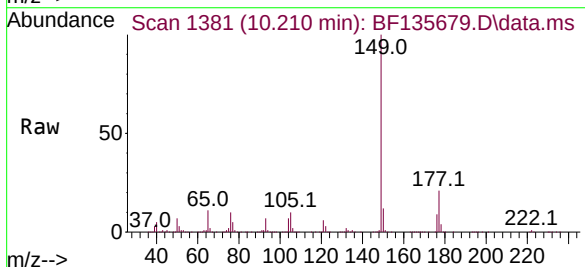
Instrument :
BNA_F
ClientSampleId :
PB156189BS

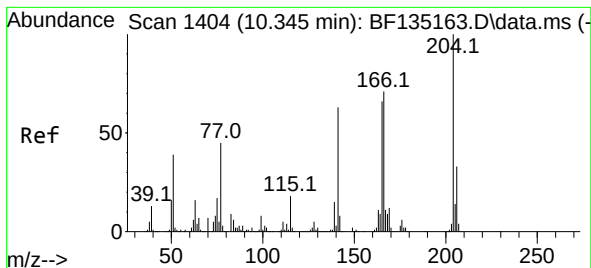
Tgt Ion:232 Resp: 164140
Ion Ratio Lower Upper
232 100
131 42.3 35.4 53.2
130 2.5 1.8 2.8
166 28.9 24.3 36.5



#60
Diethylphthalate
Concen: 52.565 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:149 Resp: 671154
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.5 10.0 15.0

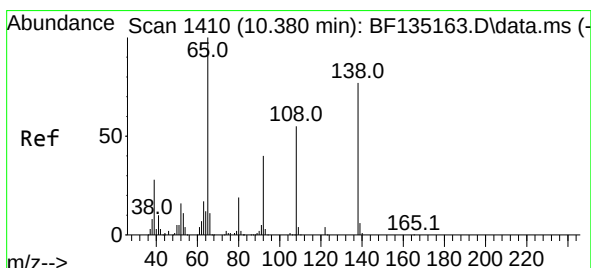
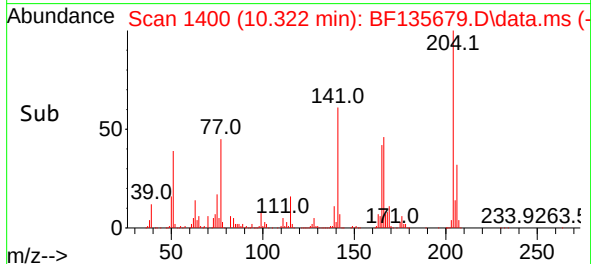
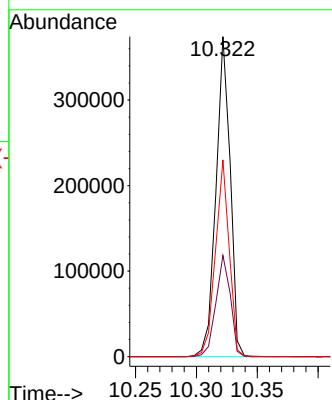
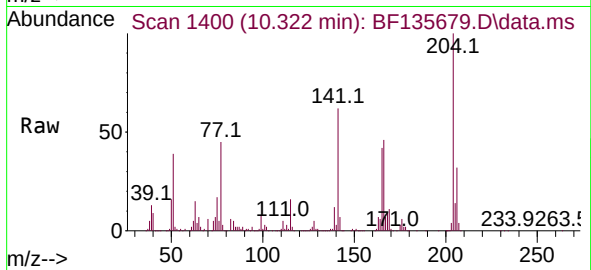




#61
4-Chlorophenyl-phenylether
Concen: 52.160 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

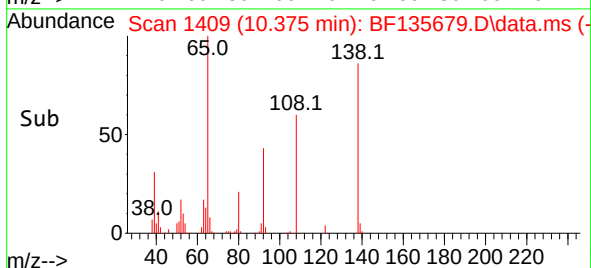
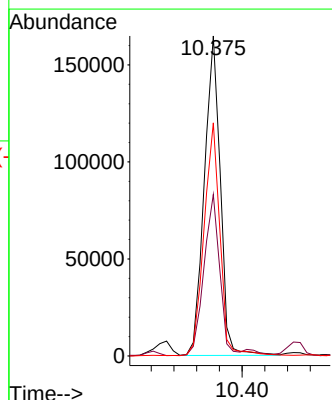
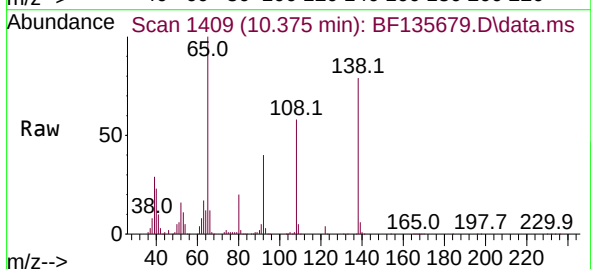
Instrument :
BNA_F
ClientSampleId :
PB156189BS

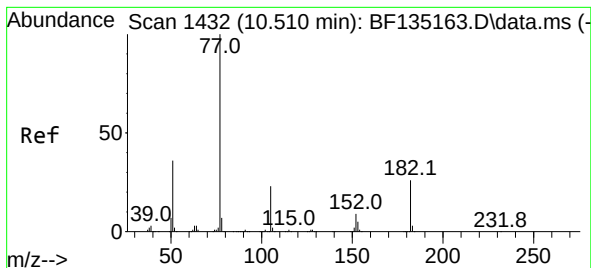
Tgt Ion:204 Resp: 302780
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 61.5 50.6 75.8



#62
4-Nitroaniline
Concen: 51.121 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:138 Resp: 160763
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 72.9 52.0 92.0





#63

Azobenzene

Concen: 52.920 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

Tgt Ion: 77 Resp: 661288

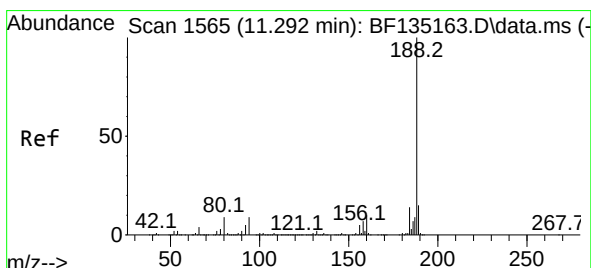
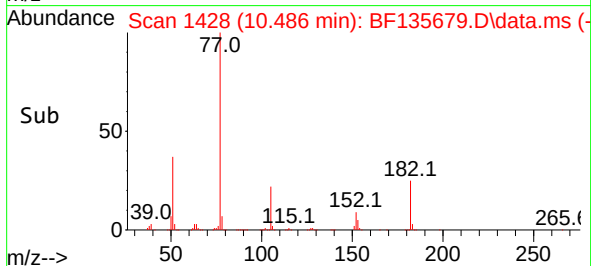
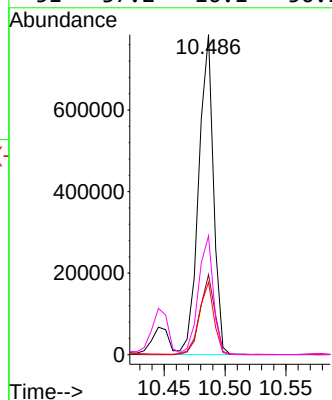
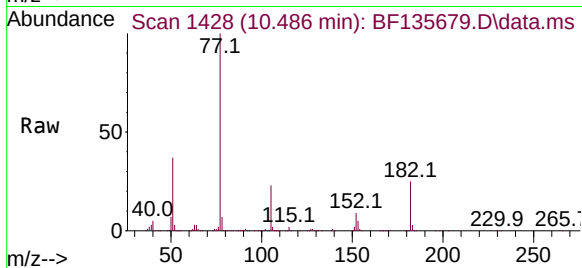
Ion Ratio Lower Upper

77 100

182 25.0 6.4 46.4

105 22.6 3.1 43.1

51 37.2 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

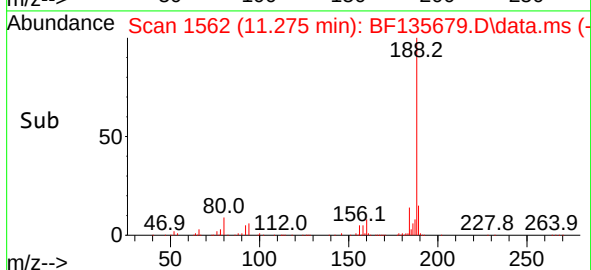
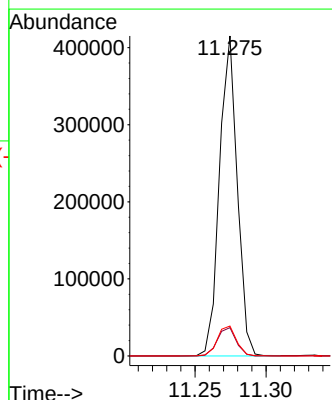
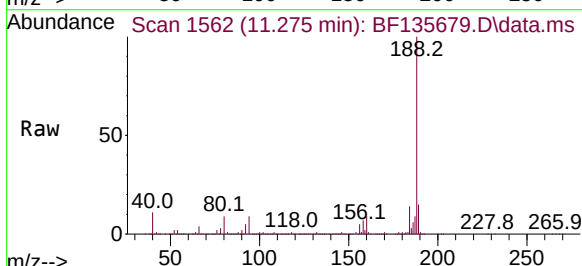
Tgt Ion: 188 Resp: 360700

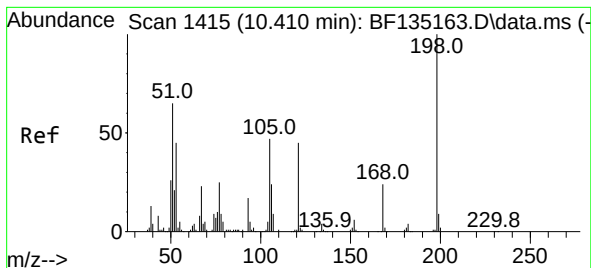
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.3 7.5 11.3

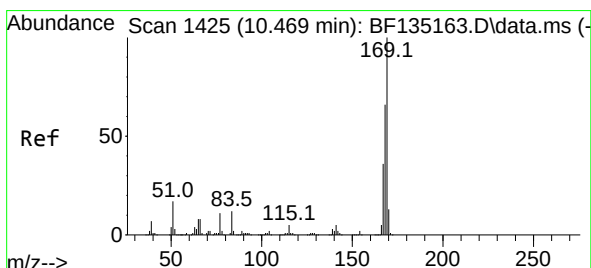
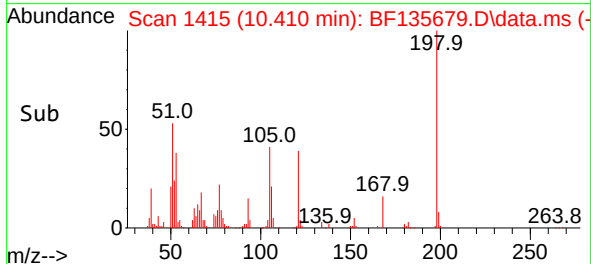
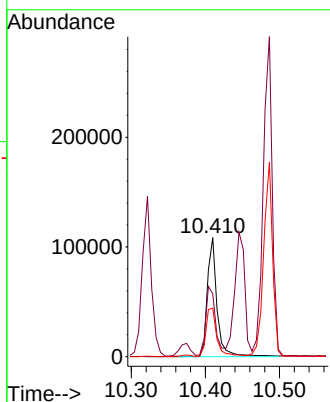
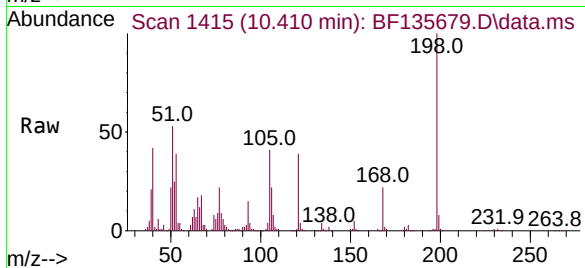




#65
4,6-Dinitro-2-methylphenol
Concen: 51.688 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

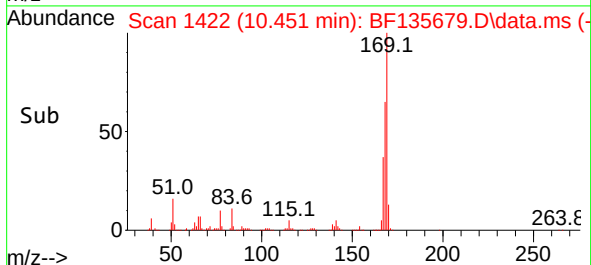
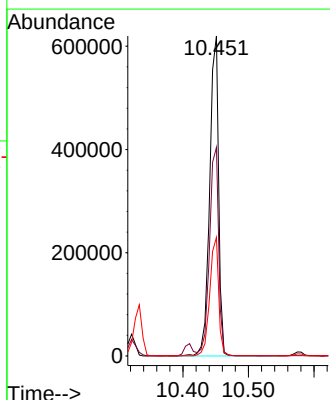
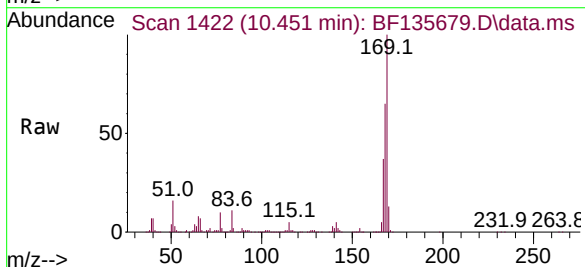
Instrument :
BNA_F
ClientSampleId :
PB156189BS

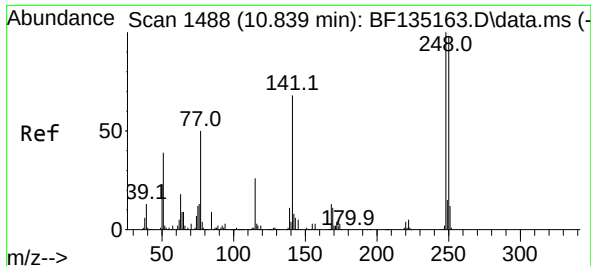
Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.7	47.7	87.7
105	40.8	27.4	67.4



#66
n-Nitrosodiphenylamine
Concen: 53.856 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.8	79.2
167	37.1	29.0	43.6

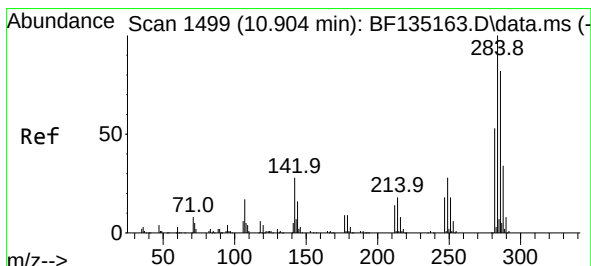
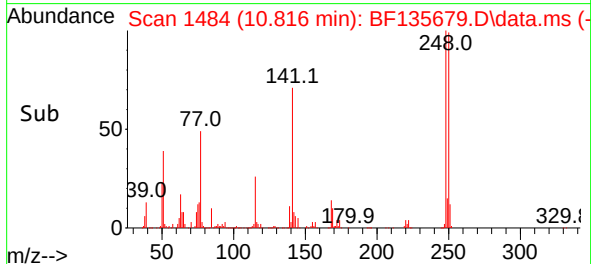
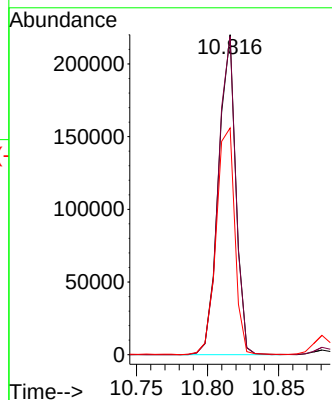
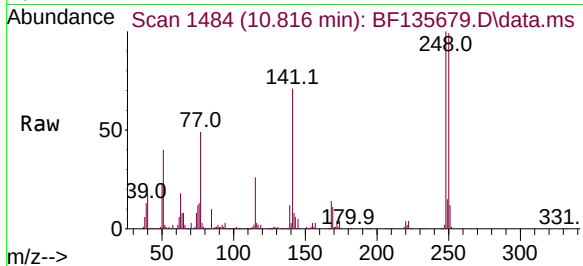




#67
4-Bromophenyl-phenylether
Concen: 51.962 ng
RT: 10.816 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

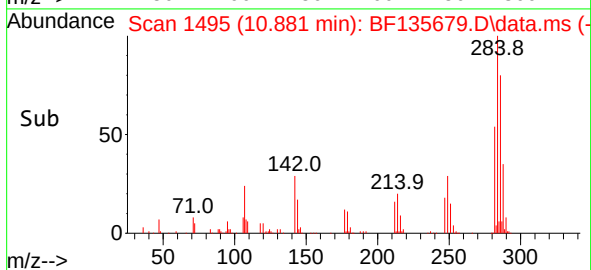
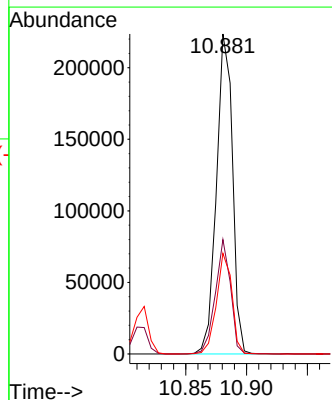
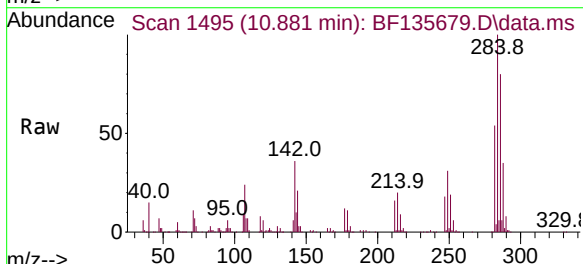
Instrument :
BNA_F
ClientSampleId :
PB156189BS

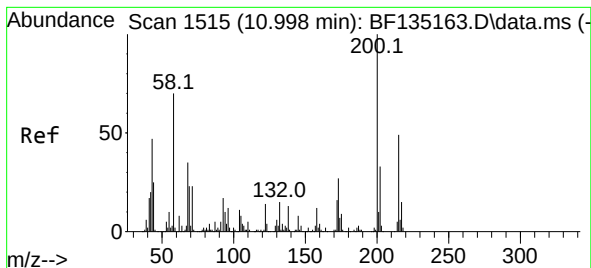
Tgt Ion:248 Resp: 186411
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 70.9 54.2 81.2



#68
Hexachlorobenzene
Concen: 56.061 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:284 Resp: 204891
Ion Ratio Lower Upper
284 100
142 35.8 22.2 33.4#
249 31.5 22.5 33.7





#69

Atrazine

Concen: 62.589 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

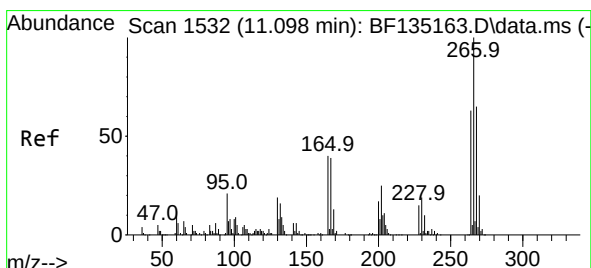
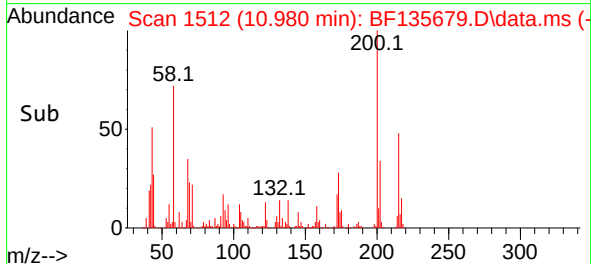
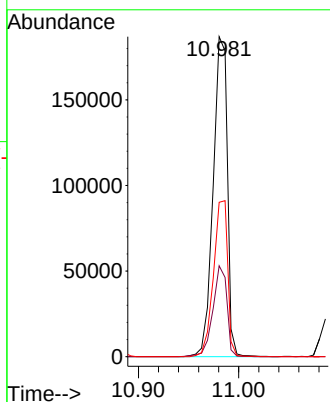
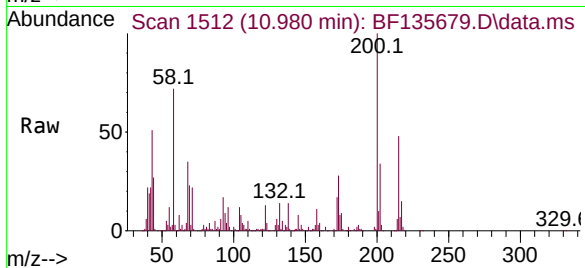
Tgt Ion:200 Resp: 183904

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 48.3 28.6 68.6



#70

Pentachlorophenol

Concen: 73.934 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

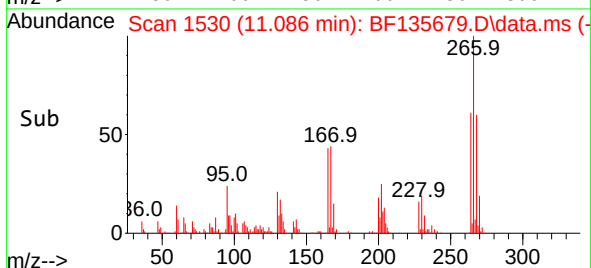
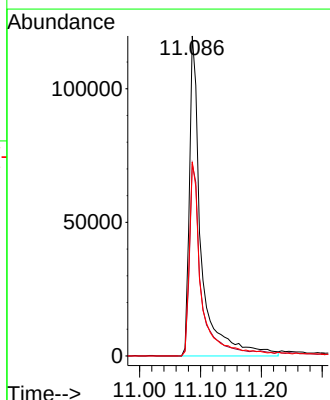
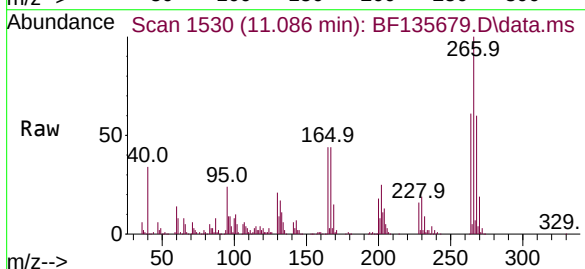
Tgt Ion:266 Resp: 161668

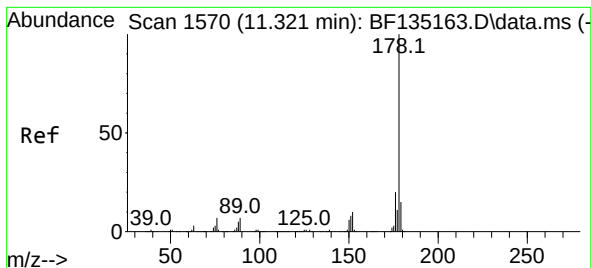
Ion Ratio Lower Upper

266 100

268 60.0 52.1 78.1

264 60.7 50.8 76.2





#71

Phenanthrene

Concen: 54.871 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

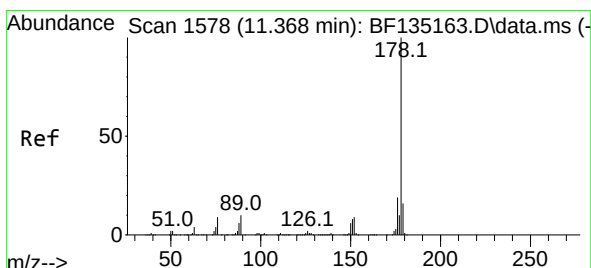
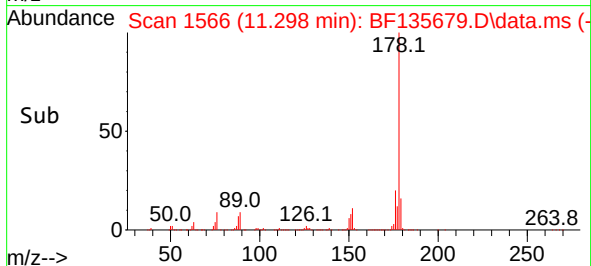
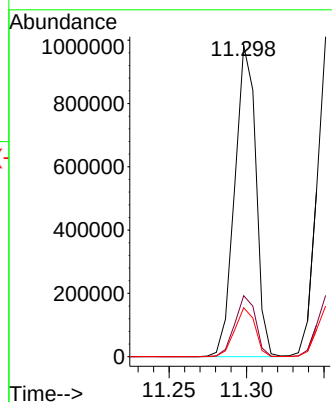
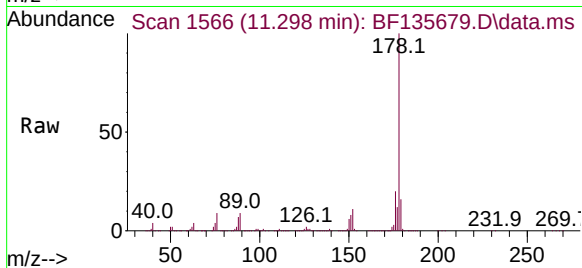
Tgt Ion:178 Resp: 936081

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.7 12.0 18.0



#72

Anthracene

Concen: 54.134 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

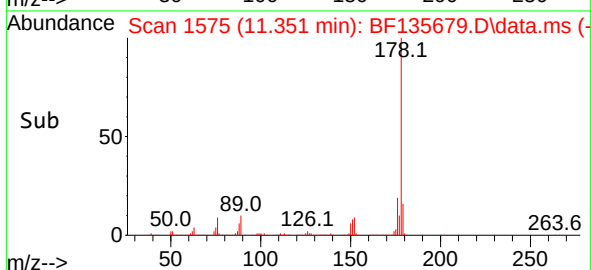
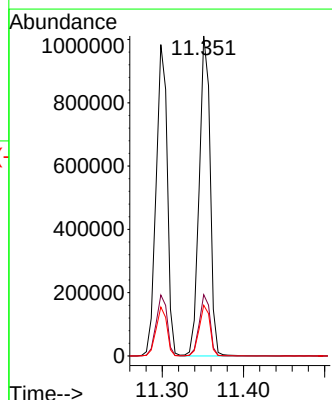
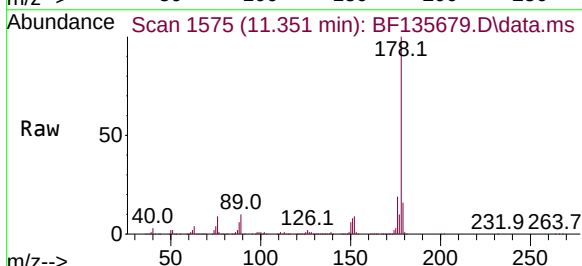
Tgt Ion:178 Resp: 949252

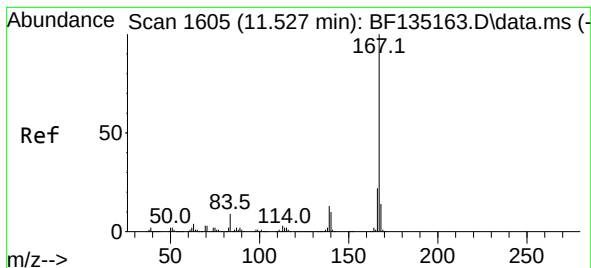
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.8 12.6 19.0





#73

Carbazole

Concen: 56.233 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

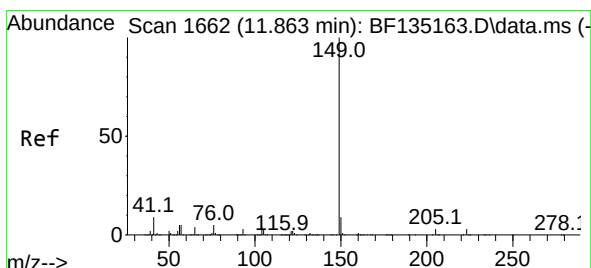
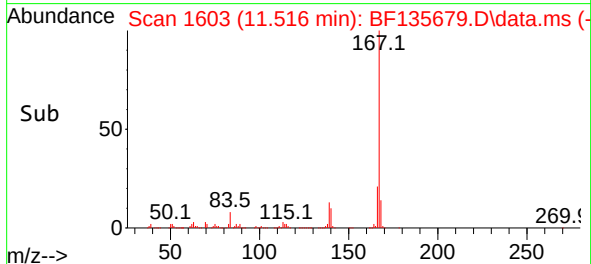
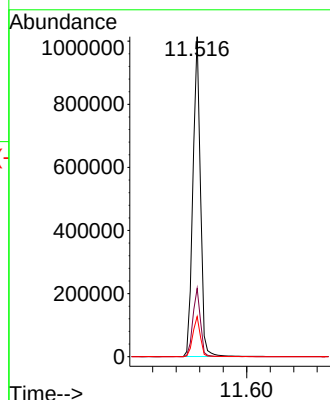
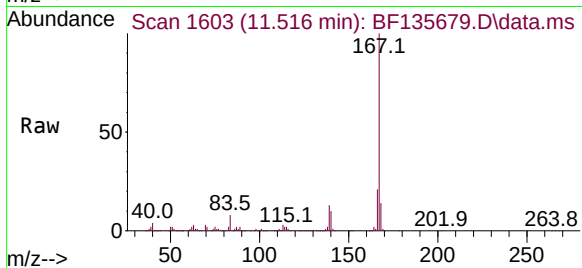
Tgt Ion:167 Resp: 897639

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 55.733 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

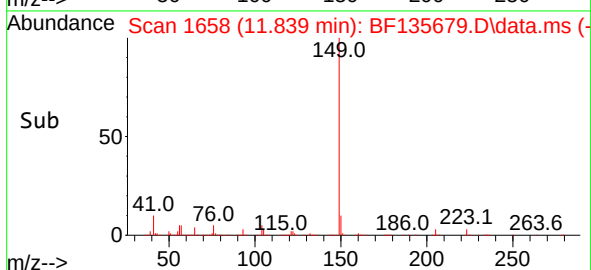
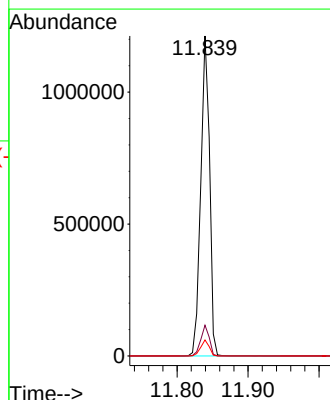
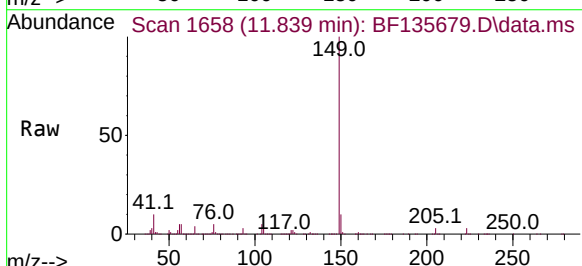
Tgt Ion:149 Resp: 1048329

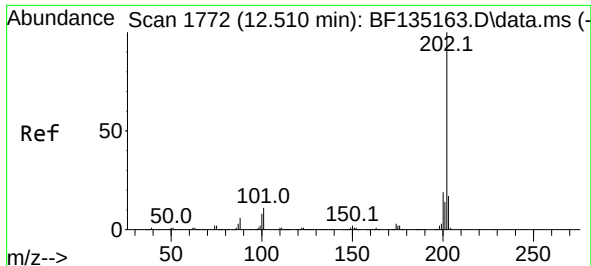
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.6 5.4

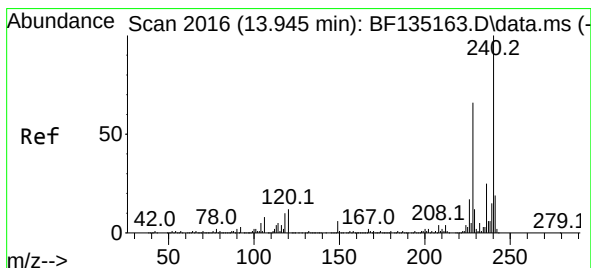
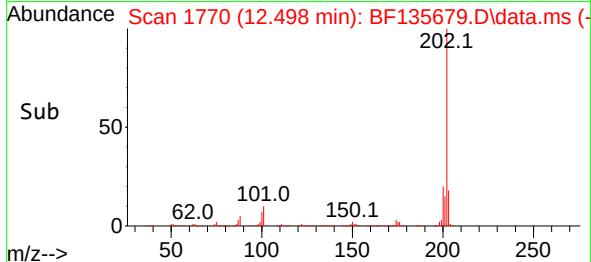
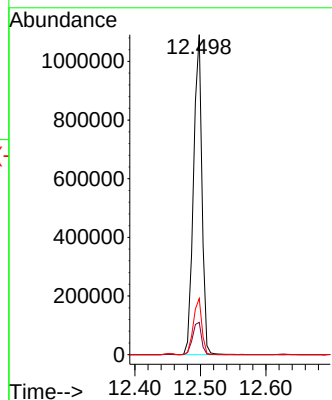
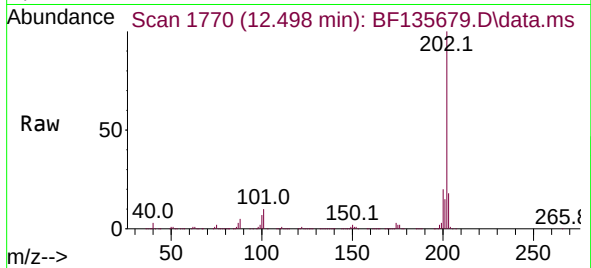




#75
Fluoranthene
Concen: 54.865 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

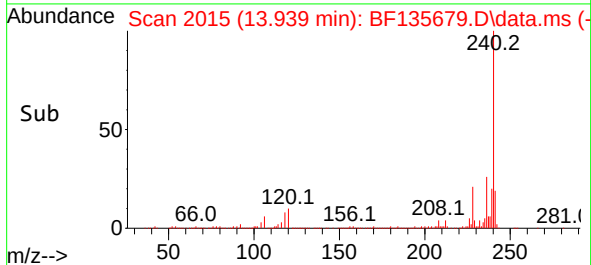
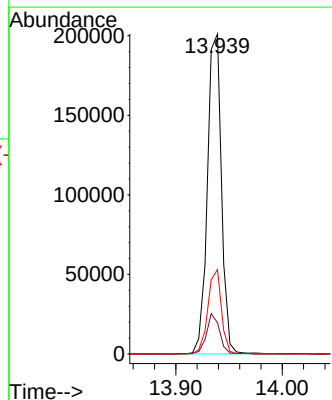
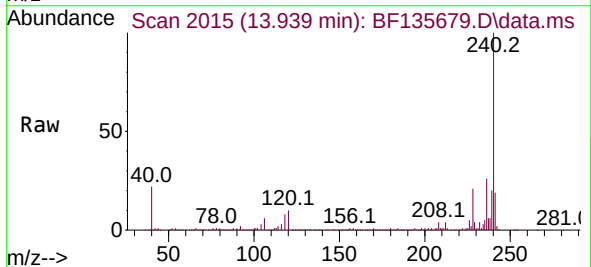
Instrument :
BNA_F
ClientSampleId :
PB156189BS

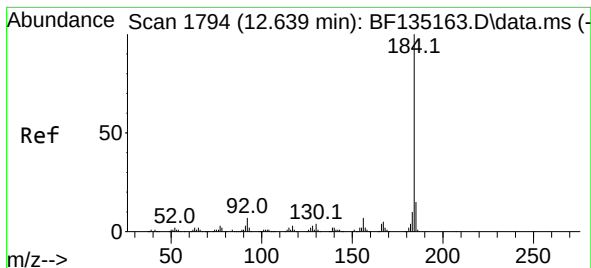
Tgt Ion:202 Resp: 975270
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:240 Resp: 185608
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 26.4 19.8 29.8





#77

Benzidine

Concen: 90.833 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

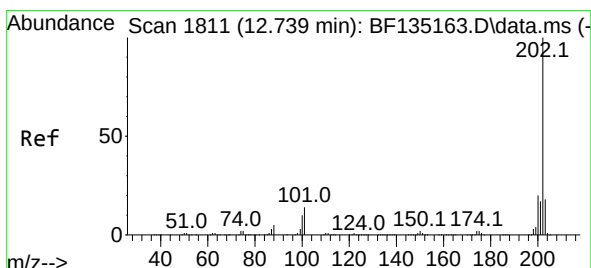
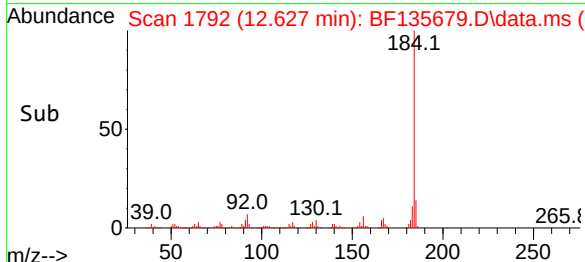
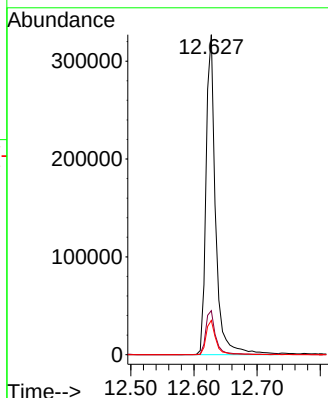
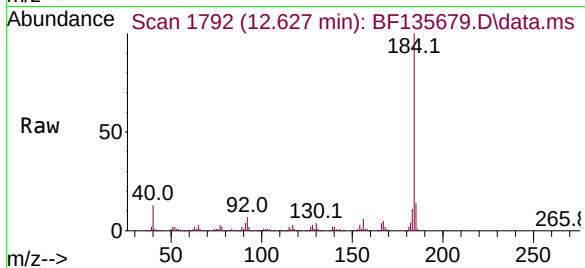
Tgt Ion:184 Resp: 345396

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

183 10.7 8.2 12.4



#78

Pyrene

Concen: 55.681 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

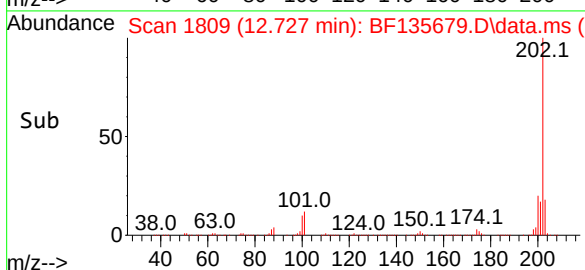
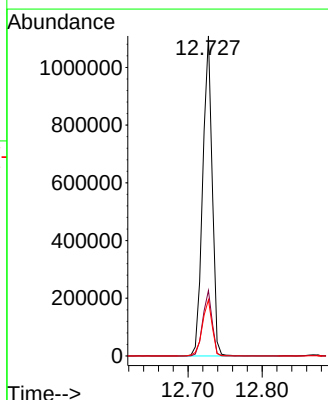
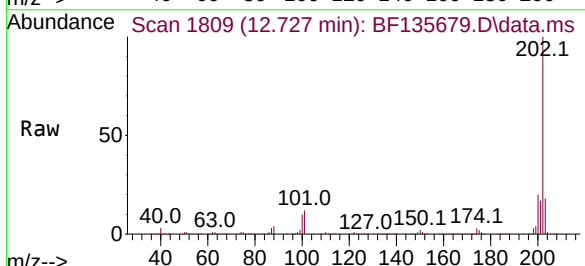
Tgt Ion:202 Resp: 983949

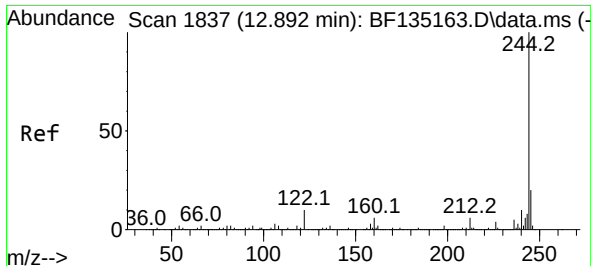
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

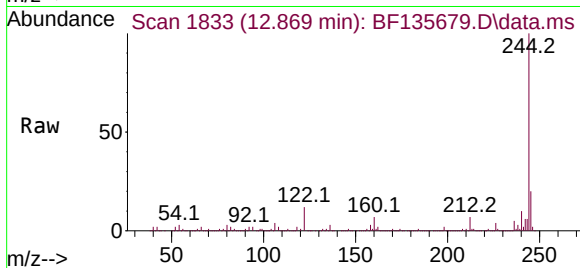
203 17.5 14.2 21.4



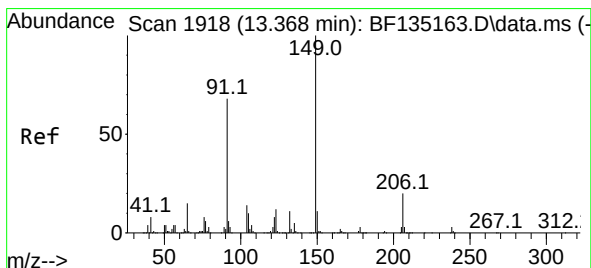
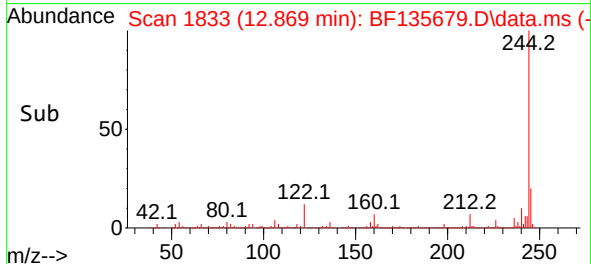
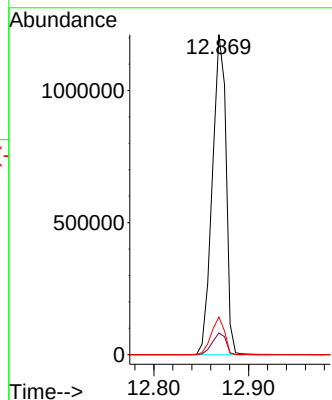


#79
 Terphenyl-d14
 Concen: 101.273 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135679.D
 Acq: 10 Oct 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BS

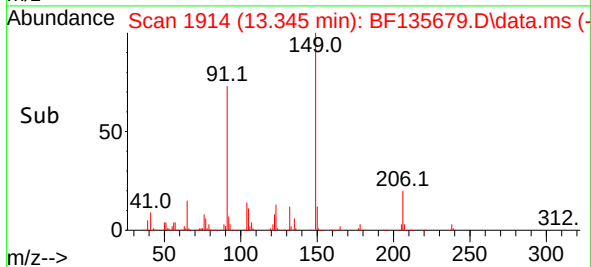
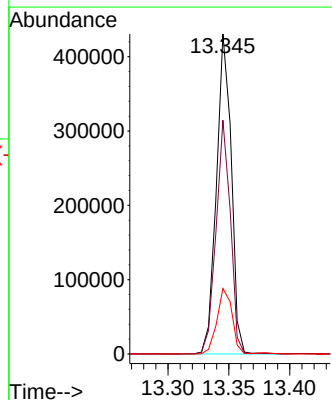
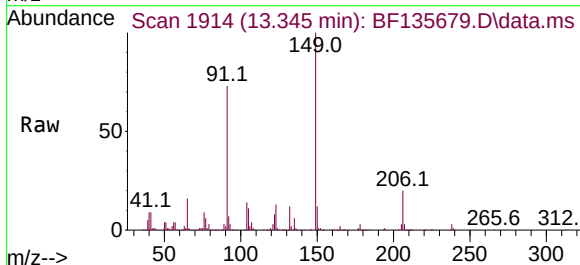


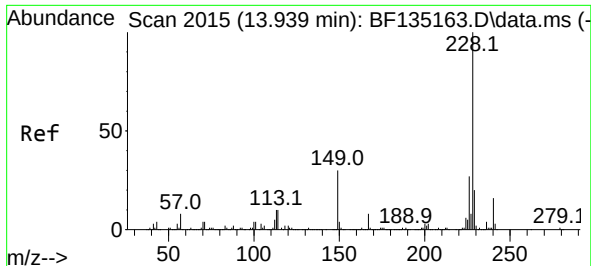
Tgt Ion:244 Resp: 1212559
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 58.711 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135679.D
 Acq: 10 Oct 2023 11:47

Tgt Ion:149 Resp: 365286
 Ion Ratio Lower Upper
 149 100
 91 73.1 54.7 82.1
 206 20.5 16.3 24.5

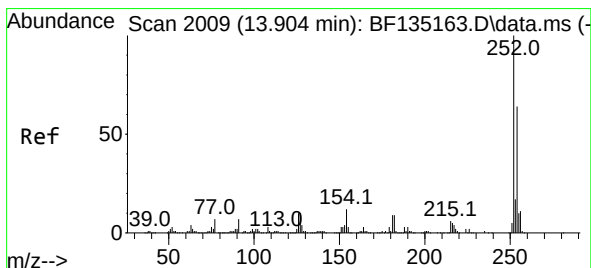
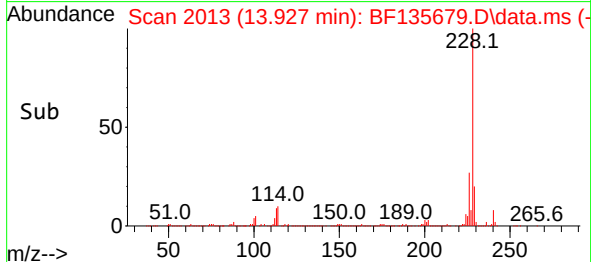
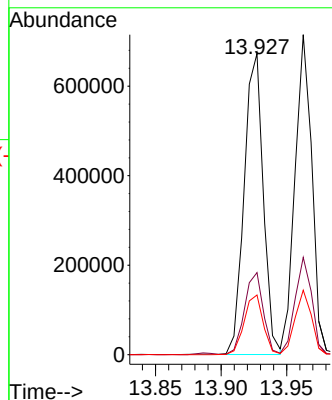
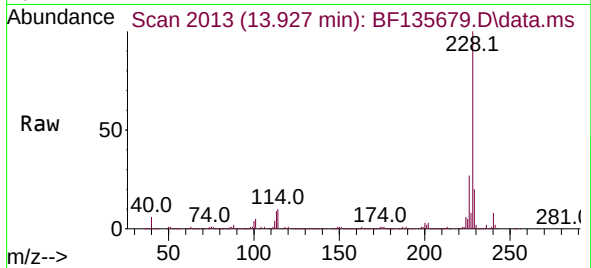




#81
Benzo(a)anthracene
Concen: 56.850 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

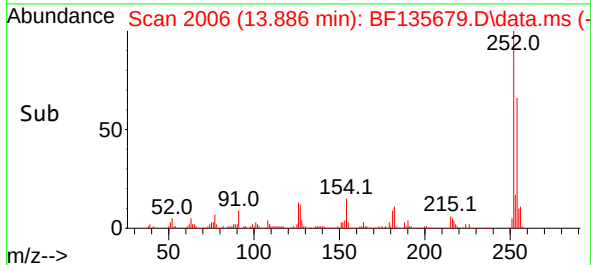
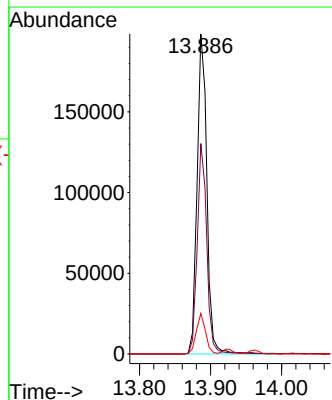
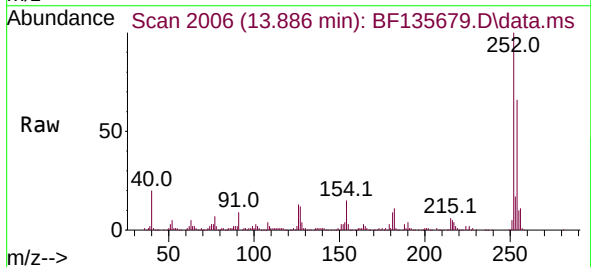
Instrument :
BNA_F
ClientSampleId :
PB156189BS

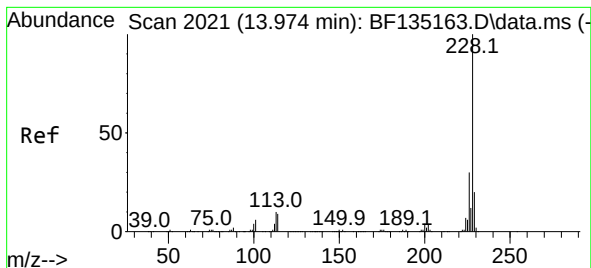
Tgt Ion:228 Resp: 681358
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 50.873 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:252 Resp: 190449
Ion Ratio Lower Upper
252 100
254 65.8 51.0 76.4
126 12.6 7.8 11.8#





#83

Chrysene

Concen: 53.712 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

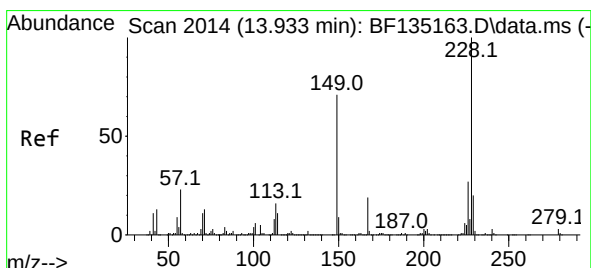
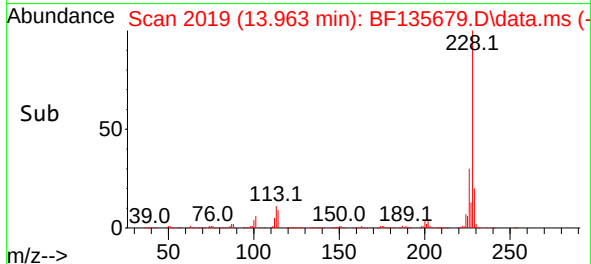
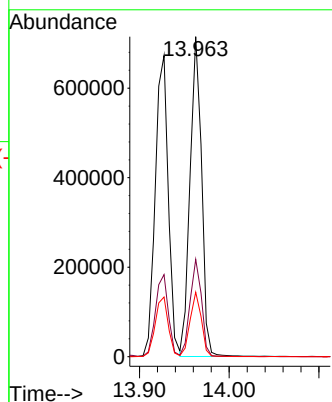
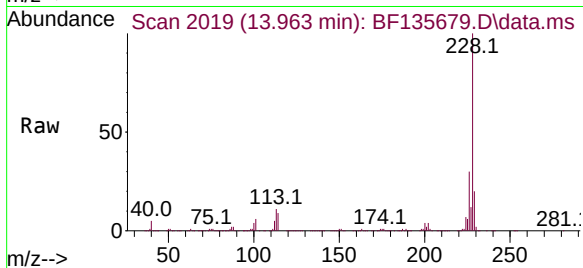
Tgt Ion:228 Resp: 640038

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.552 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

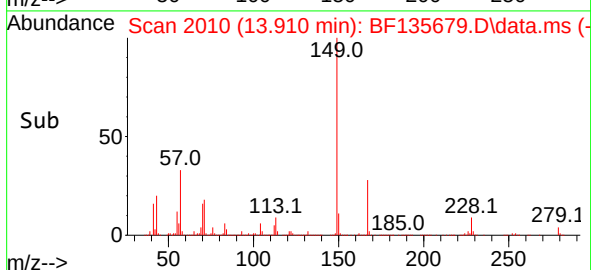
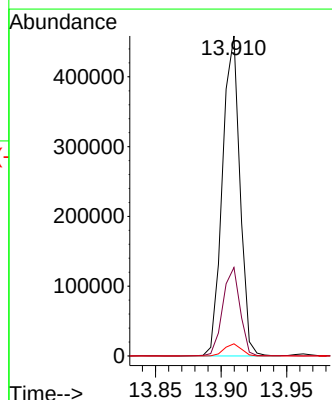
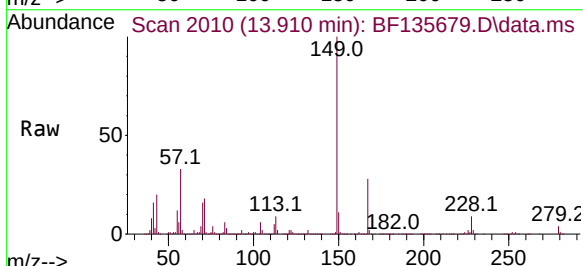
Tgt Ion:149 Resp: 424910

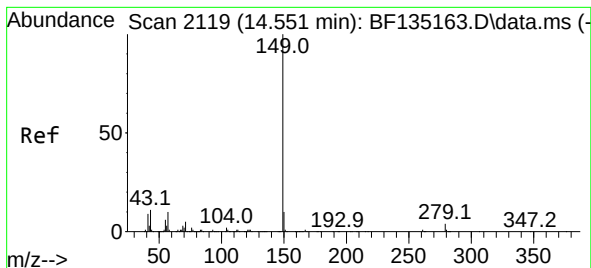
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.117 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

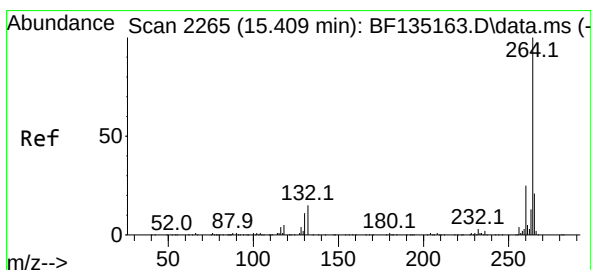
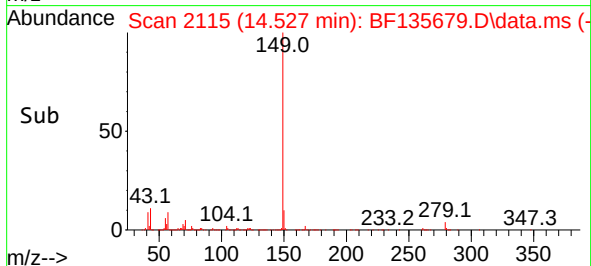
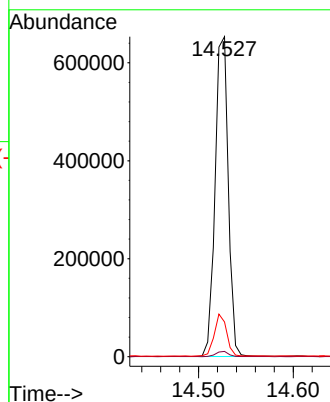
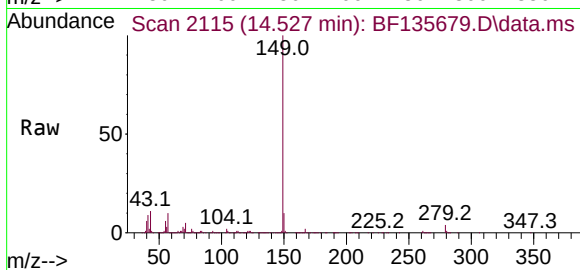
Tgt Ion:149 Resp: 630268

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

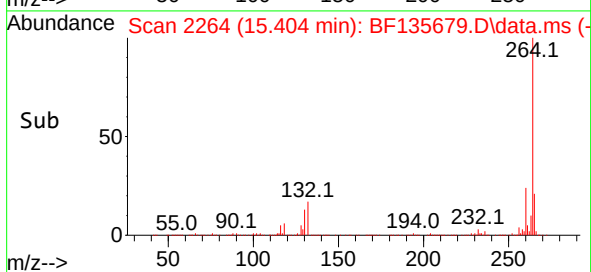
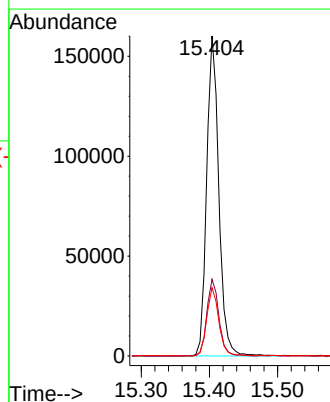
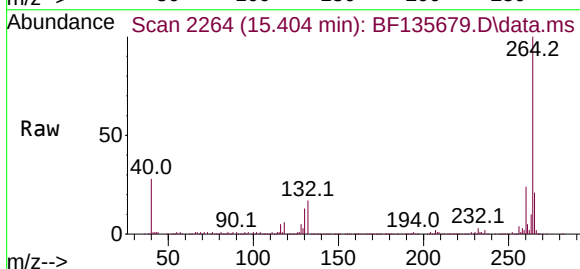
Tgt Ion:264 Resp: 198650

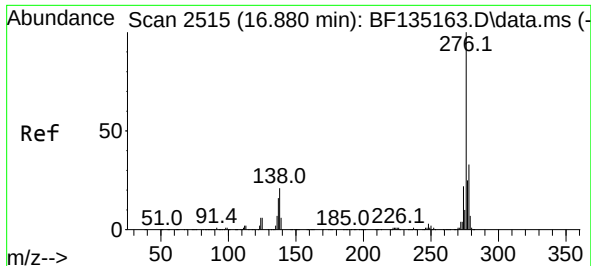
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.4 17.0 25.4

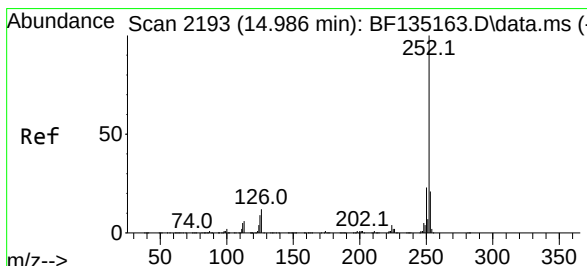
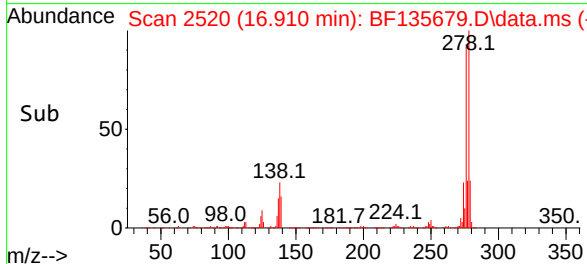
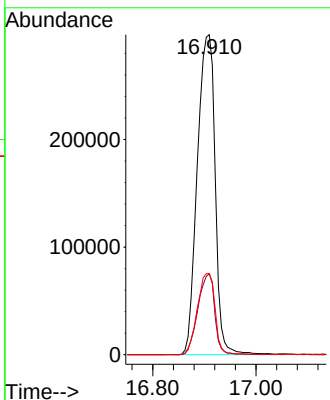
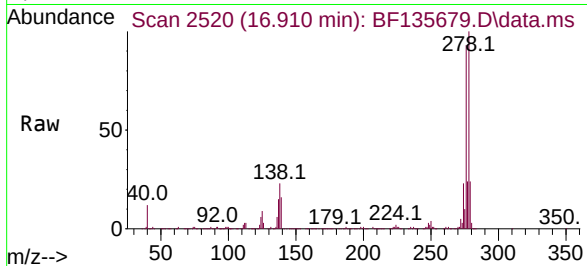




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.820 ng
 RT: 16.910 min Scan# 2192
 Delta R.T. 0.006 min
 Lab File: BF135679.D
 Acq: 10 Oct 2023 11:47

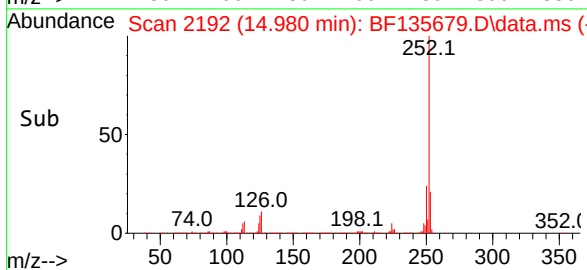
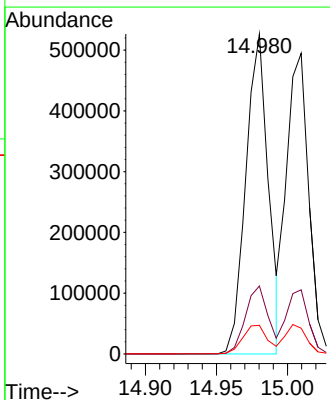
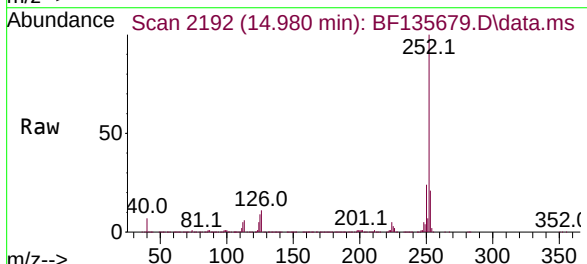
Instrument :
 BNA_F
 ClientSampleId :
 PB156189BS

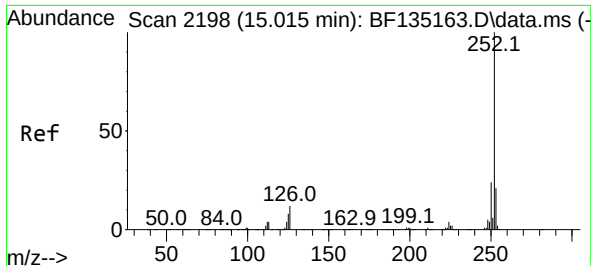
Tgt Ion:276 Resp: 714018
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.2 28.8
 277 25.2 19.7 29.5



#88
 Benzo(b)fluoranthene
 Concen: 53.985 ng
 RT: 14.980 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BF135679.D
 Acq: 10 Oct 2023 11:47

Tgt Ion:252 Resp: 580536
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.2 25.8
 125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.047 ng

RT: 15.010 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB156189BS

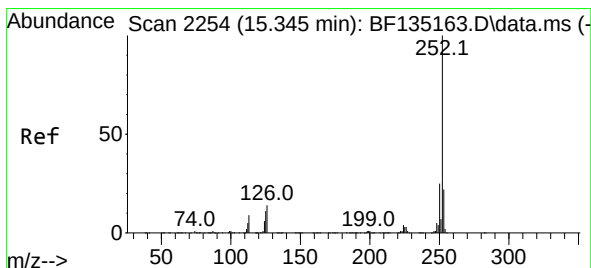
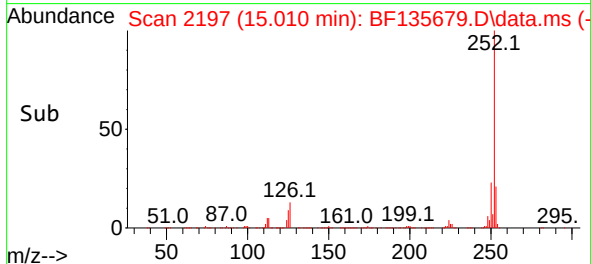
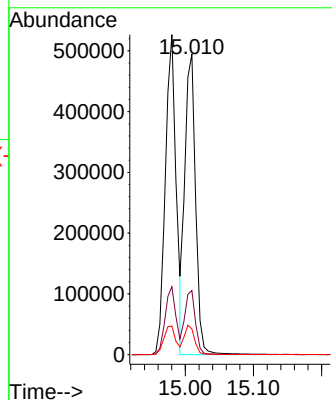
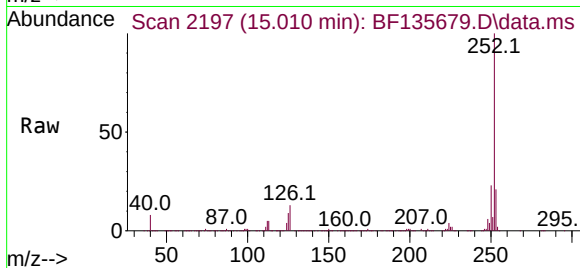
Tgt Ion:252 Resp: 542259

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 50.868 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135679.D

Acq: 10 Oct 2023 11:47

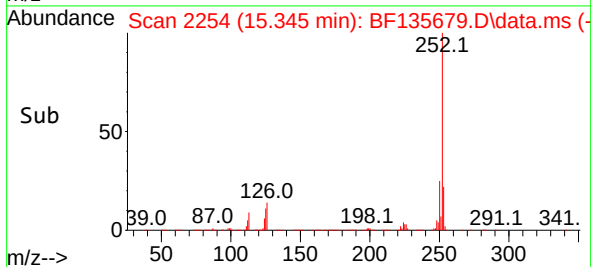
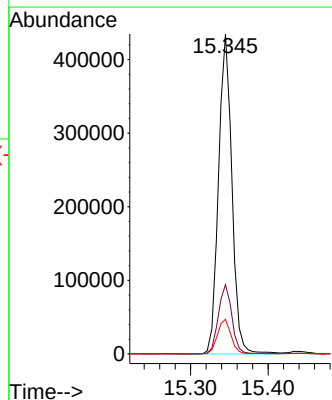
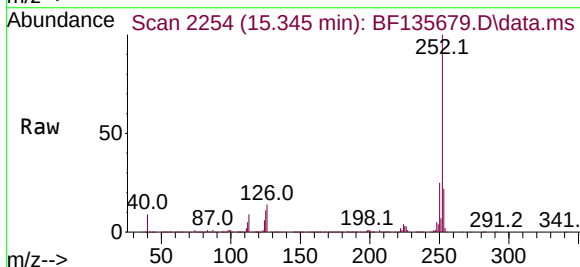
Tgt Ion:252 Resp: 521657

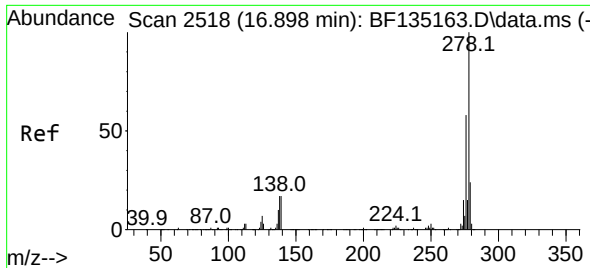
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.8 9.2 13.8

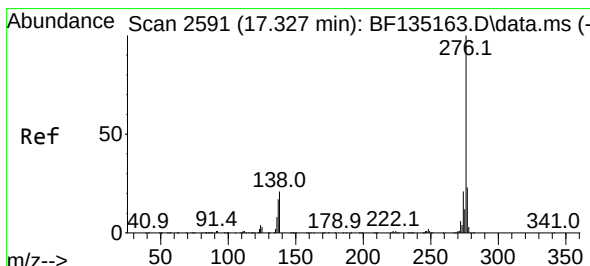
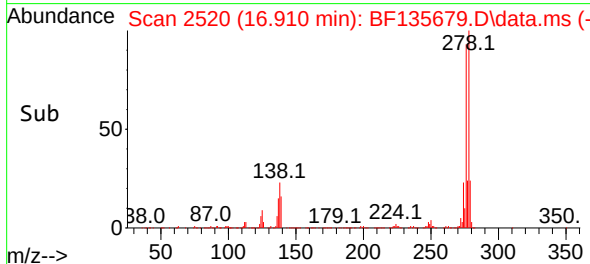
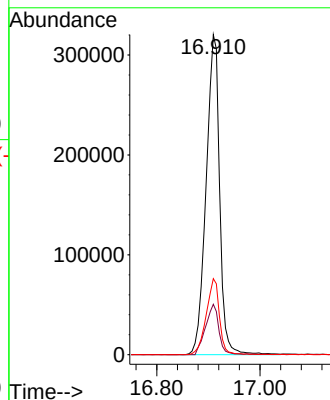
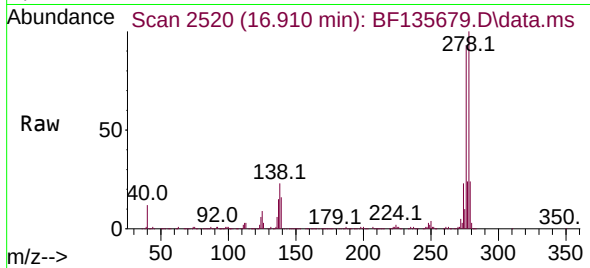




#91
Dibenzo(a,h)anthracene
Concen: 54.632 ng
RT: 16.910 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB156189BS

Tgt Ion:278 Resp: 582222
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.385 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF135679.D
Acq: 10 Oct 2023 11:47

Tgt Ion:276 Resp: 583043
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.2 16.9 25.3

