

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
 Data File : BF130735.D
 Acq On : 20 Oct 2022 19:47
 Operator : CG\JU
 Sample : PB148422BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL

Quant Time: Oct 21 06:42:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	138735	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	484587	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	263882	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	557853	20.000	ng	0.00
76) Chrysene-d12	13.704	240	435977	20.000	ng	0.00
86) Perylene-d12	15.074	264	305547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	804636	100.012	ng	0.02
7) Phenol-d6	6.222	99	1197671	123.037	ng	0.00
23) Nitrobenzene-d5	7.140	82	750972	82.209	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	404273	161.097	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1519532	87.754	ng	0.00
79) Terphenyl-d14	12.663	244	1652715	63.882	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.269	93	335	0.030	ng	# 25
8) 2-Chlorophenol	6.369	128	111	0.012	ng	# 34
9) Benzaldehyde	6.222	77	1820	0.320	ng	# 4
10) Phenol	6.228	94	226	0.021	ng	# 1
11) bis(2-Chloroethyl)ether	6.310	93	55	0.007	ng	# 22
15) Benzyl Alcohol	6.557	79	3974	0.557	ng	# 37
16) 2,2'-oxybis(1-Chloropr...	6.851	45	522	0.051	ng	# 39
18) Hexachloroethane	7.063	117	244	0.063	ng	# 75
19) n-Nitroso-di-n-propyla...	7.134	70	99867	15.183	ng	# 77
22) Acetophenone	7.057	105	71	0.006	ng	# 54
24) Nitrobenzene	7.134	77	2199	0.237	ng	# 33
25) Isophorone	7.140	82	751031	49.900	ng	# 65
30) 1,2,4-Trichlorobenzene	7.798	180	68	0.009	ng	# 84
31) Naphthalene	7.869	128	1170	0.047	ng	# 69
33) 4-Chloroaniline	7.992	127	110	0.011	ng	# 47
34) Hexachlorobutadiene	7.981	225	306	0.066	ng	94
35) Caprolactam	8.287	113	632	0.291	ng	# 46
37) 2-Methylnaphthalene	8.575	142	1193	0.073	ng	92
38) 1-Methylnaphthalene	8.575	142	1193	0.074	ng	90
40) 1,2,4,5-Tetrachloroben...	8.734	216	799	0.114	ng	# 92
46) 1,1'-Biphenyl	9.028	154	2452	0.133	ng	97
47) 2-Chloronaphthalene	9.057	162	1675	0.109	ng	96
48) 2-Nitroaniline	8.922	65	2295	0.489	ng	# 1
49) Acenaphthylene	9.463	152	1867	0.083	ng	96
50) Dimethylphthalate	9.592	163	49682	2.799	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	33950	8.541	ng	# 30
52) Acenaphthene	9.622	154	1882	0.134	ng	87
53) 3-Nitroaniline	9.304	138	179	0.040	ng	# 55
55) Dibenzofuran	9.810	168	4169	0.193	ng	95
56) 4-Nitrophenol	9.810	139	1669	6.701	ng	# 7
57) 2,4-Dinitrotoluene	9.592	165	33950	6.341	ng	# 28
58) Fluorene	10.145	166	3432	0.191	ng	# 70
60) Diethylphthalate	10.022	149	5306	0.290	ng	99
61) 4-Chlorophenyl-phenyle...	10.139	204	1642	0.204	ng	89
63) Azobenzene	10.298	77	1468	0.091	ng	91
65) 4,6-Dinitro-2-methylph...	10.386	198	813	0.244	ng	# 1

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

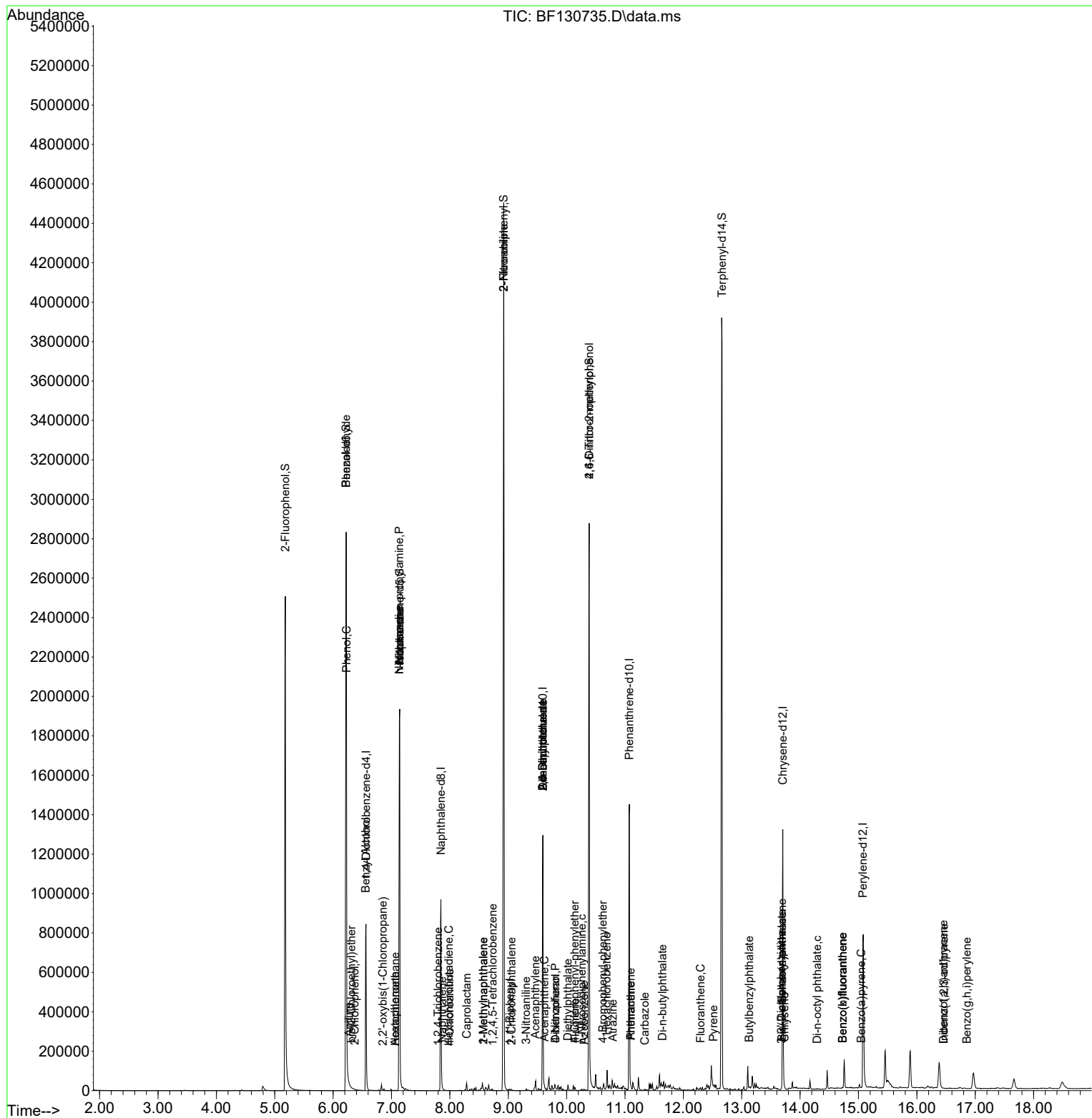
66) n-Nitrosodiphenylamine	10.263	169	1519	0.079	ng	96
67) 4-Bromophenyl-phenylether	10.622	248	1049	0.156	ng	88
68) Hexachlorobenzene	10.686	284	1199	0.156	ng #	84
69) Atrazine	10.792	200	532	0.100	ng #	72
71) Phenanthrene	11.098	178	7257	0.237	ng	98
72) Anthracene	11.098	178	7257	0.238	ng	97
73) Carbazole	11.339	167	3018	0.107	ng	98
74) Di-n-butylphthalate	11.639	149	7372	0.213	ng #	97
75) Fluoranthene	12.292	202	5490	0.178	ng	99
77) Benzidine	12.439	184	1178	Below Cal	#	71
78) Pyrene	12.516	202	5810	0.159	ng	96
80) Butylbenzylphthalate	13.127	149	2168	0.149	ng #	88
81) Benzo(a)anthracene	13.692	228	4635	0.159	ng	95
82) 3,3'-Dichlorobenzidine	13.680	252	634	0.075	ng #	75
83) Chrysene	13.733	228	3216	0.114	ng	97
84) Bis(2-ethylhexyl)phtha...	13.686	149	3661	0.213	ng #	98
85) Di-n-octyl phthalate	14.292	149	1915	0.084	ng #	31
87) Indeno(1,2,3-cd)pyrene	16.462	276	2186	0.100	ng #	71
88) Benzo(b)fluoranthene	14.727	252	2334	0.115	ng #	86
89) Benzo(k)fluoranthene	14.727	252	2334	0.114	ng #	88
90) Benzo(a)pyrene	15.045	252	1908	0.117	ng	93
91) Dibenzo(a,h)anthracene	16.457	278	1538	0.085	ng #	60
92) Benzo(g,h,i)perylene	16.857	276	968	0.053	ng #	61

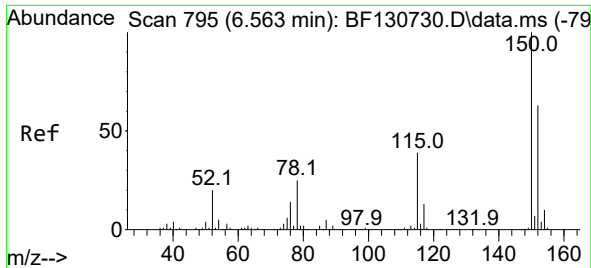
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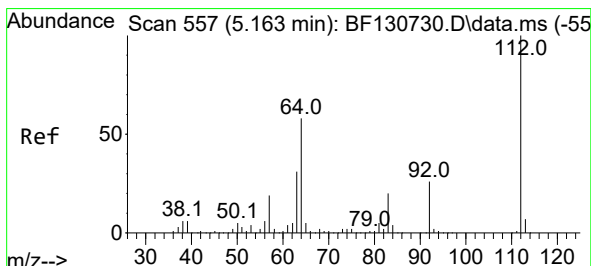
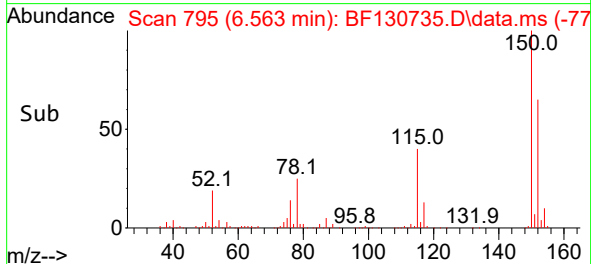
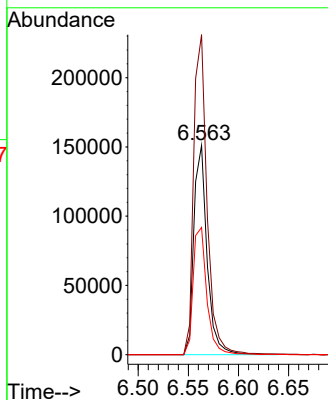
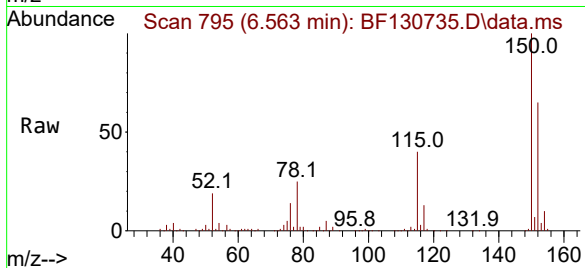




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

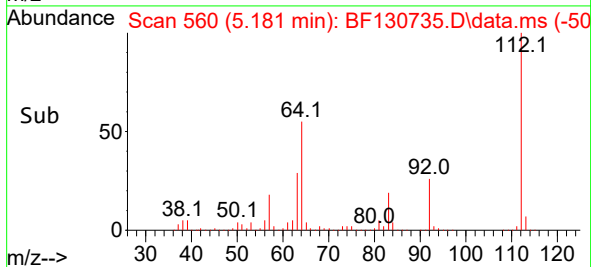
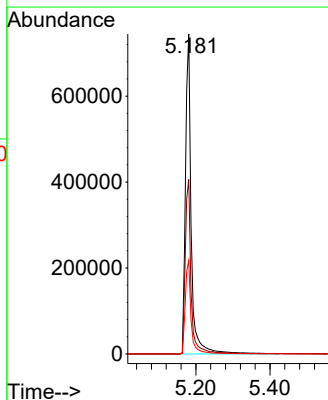
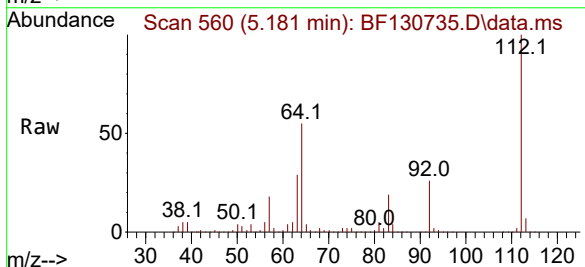
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BNA_F
ClientSampleId :
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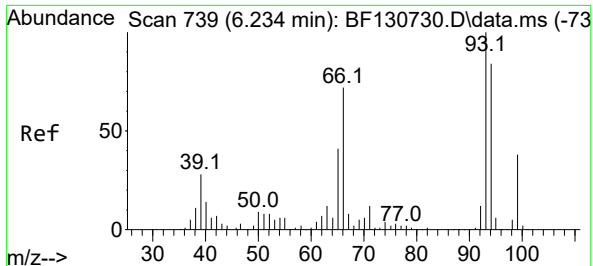
Tgt Ion:152 Resp: 138735
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 100.012 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:112 Resp: 804636
Ion Ratio Lower Upper
112 100
64 54.5 46.2 69.4
63 29.3 25.1 37.7

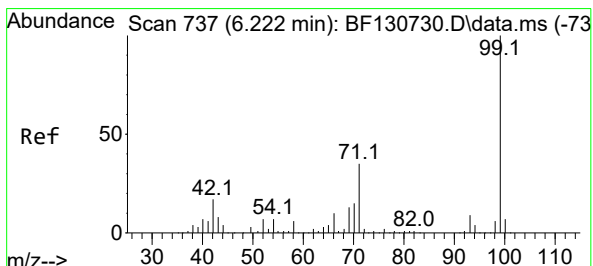
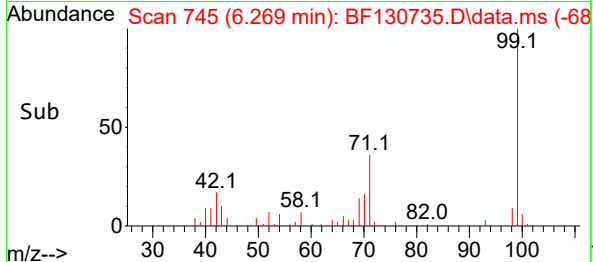
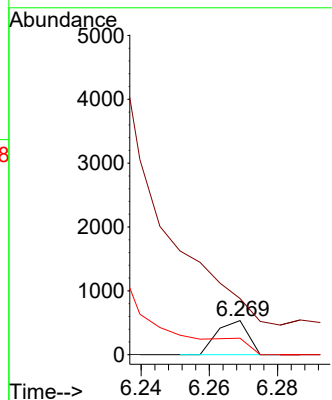
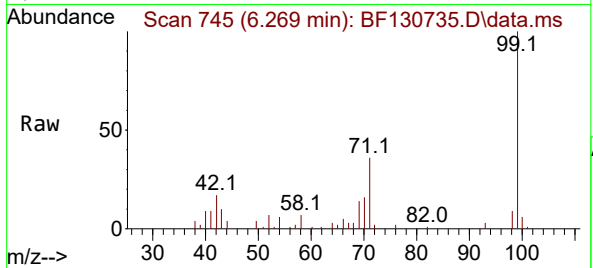




#6
Aniline
Concen: 0.030 ng
RT: 6.269 min Scan# 745
Delta R.T. 0.035 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

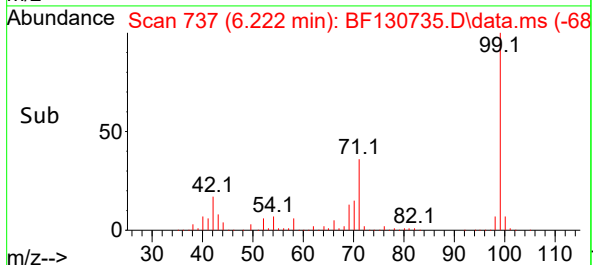
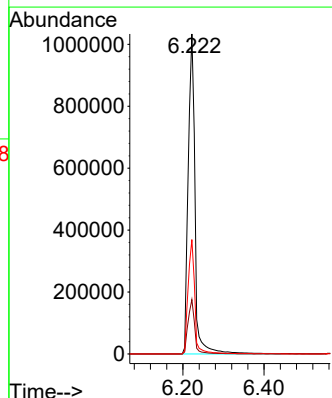
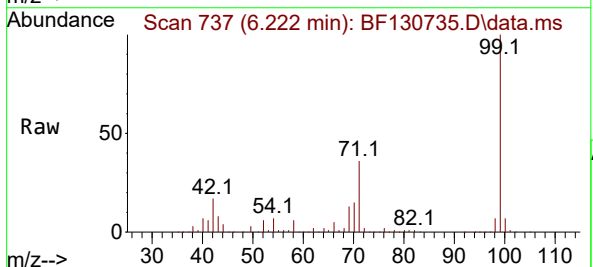
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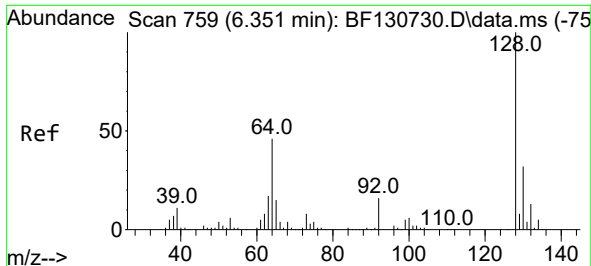
Tgt Ion: 93 Resp: 335
Ion Ratio Lower Upper
93 100
66 165.0 57.9 86.9#
65 48.5 33.0 49.6



#7
Phenol-d6
Concen: 123.037 ng
RT: 6.222 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion: 99 Resp: 1197671
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.8
71 35.7 28.3 42.5

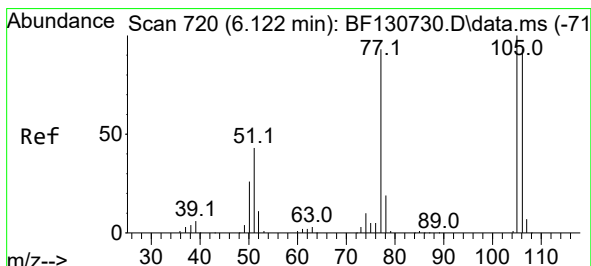
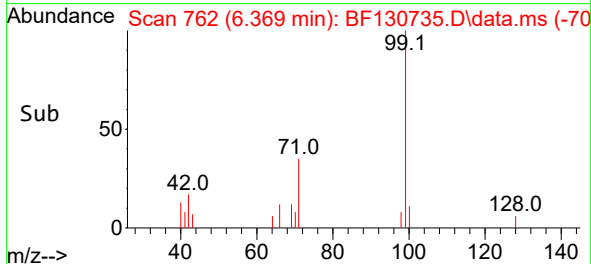
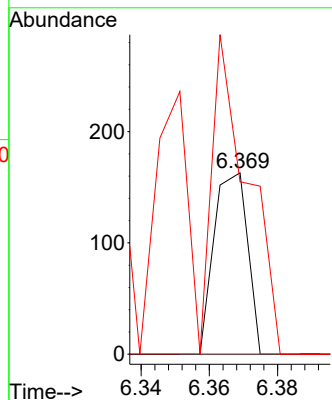
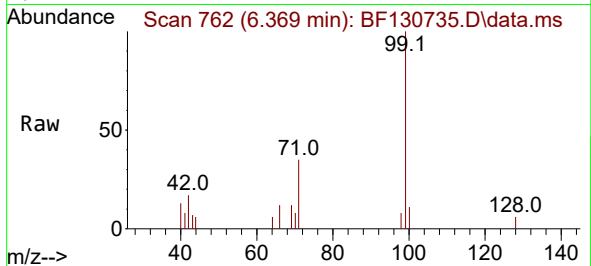




#8
2-Chlorophenol
Concen: 0.012 ng
RT: 6.369 min Scan# 711
Delta R.T. 0.018 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

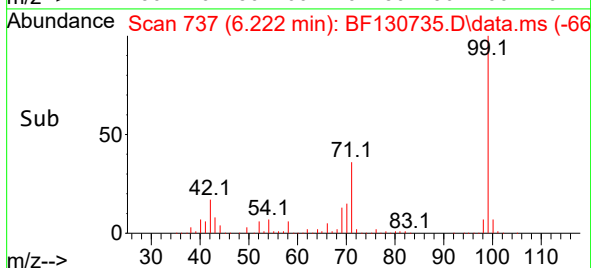
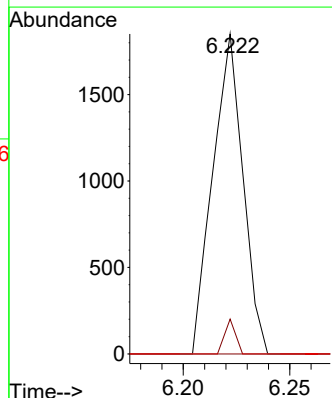
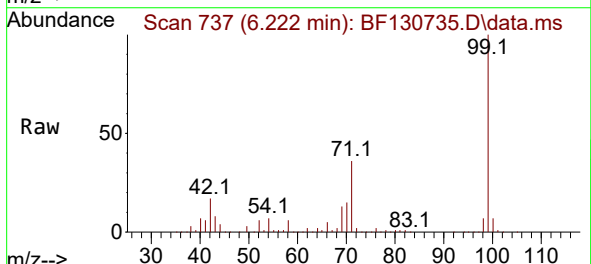
Instrument :
BNA_F
ClientSampleId :
PB148422BL

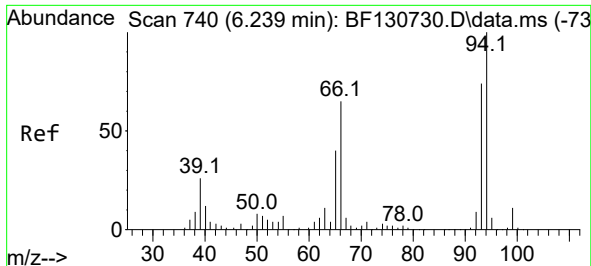
Tgt Ion:128 Resp: 111
Ion Ratio Lower Upper
128 100
130 0.0 12.1 52.1#
64 95.1 26.8 66.8#



#9
Benzaldehyde
Concen: 0.320 ng
RT: 6.222 min Scan# 737
Delta R.T. 0.100 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion: 77 Resp: 1820
Ion Ratio Lower Upper
77 100
105 10.9 87.1 127.1#
106 0.0 79.5 119.5#





#10

Phenol

Concen: 0.021 ng

RT: 6.228 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

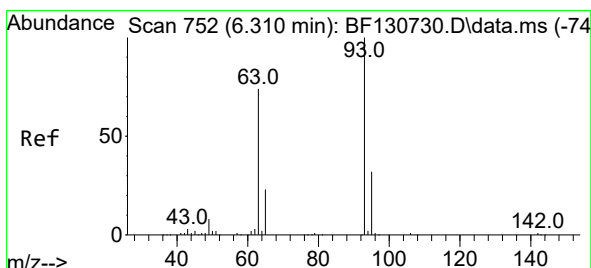
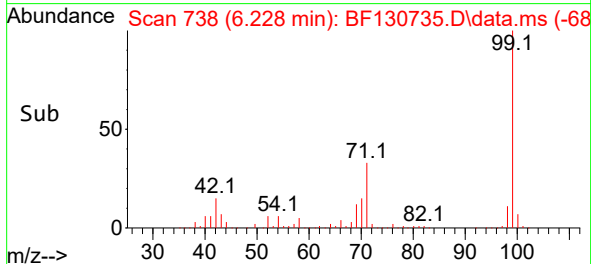
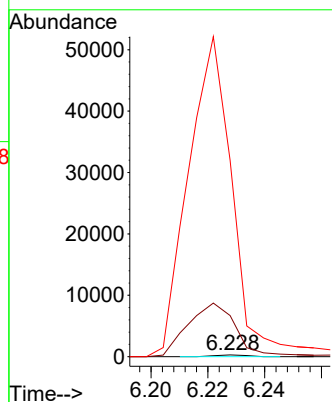
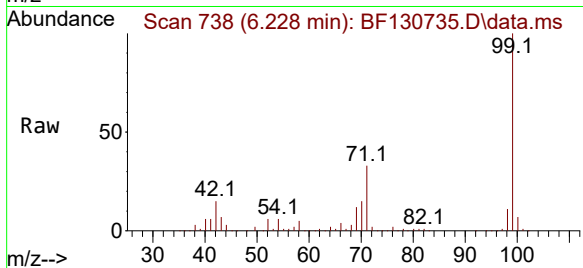
Tgt Ion: 94 Resp: 226

Ion Ratio Lower Upper

94 100

65 2230.7 20.3 60.3#

66 10664.0 45.2 85.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 6.310 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF130735.D

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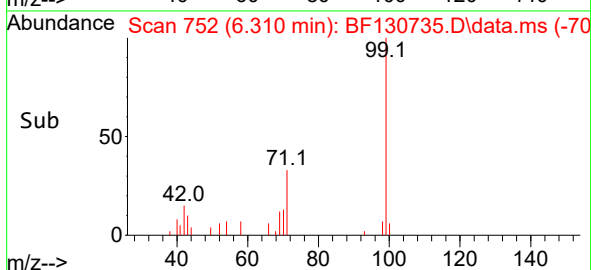
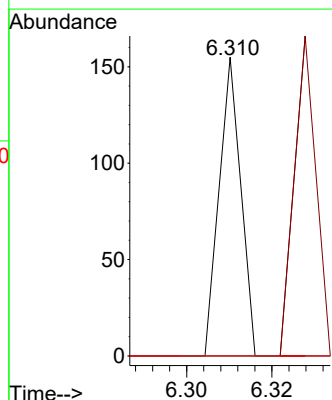
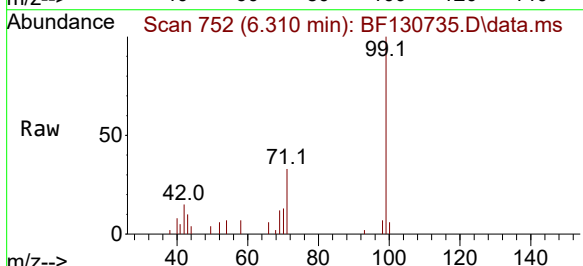
Tgt Ion: 93 Resp: 55

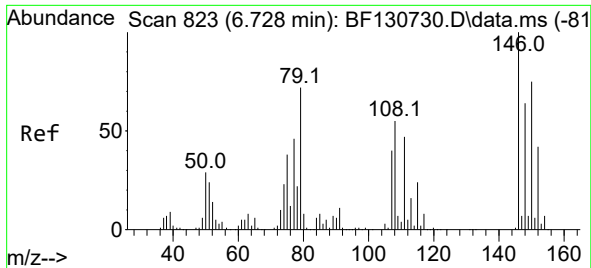
Ion Ratio Lower Upper

93 100

63 0.0 53.6 93.6#

95 0.0 11.8 51.8#

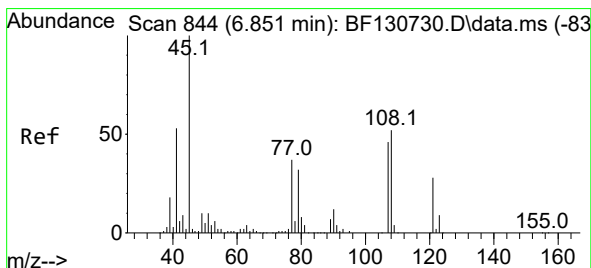
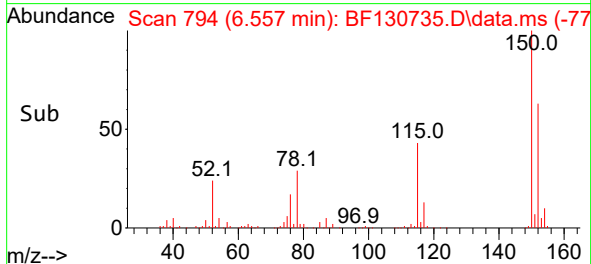
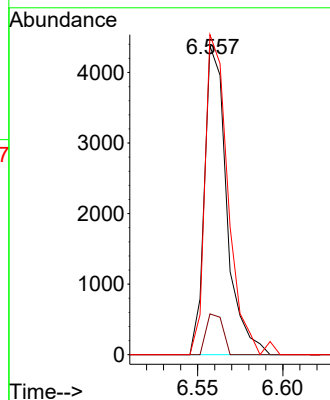
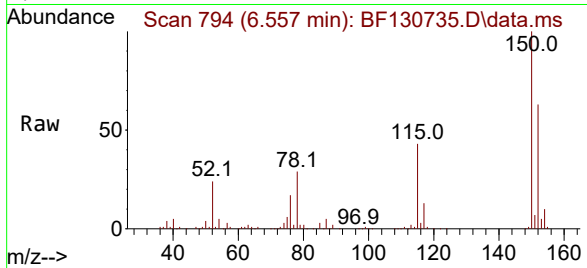




#15
Benzyl Alcohol
Concen: 0.557 ng
RT: 6.557 min Scan# 79
Delta R.T. -0.170 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

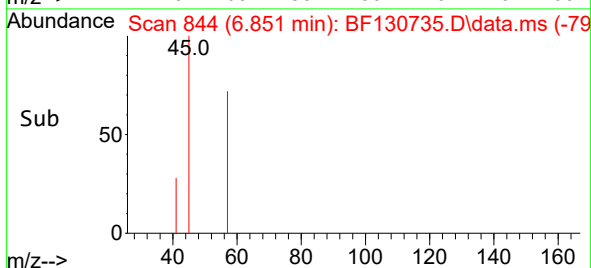
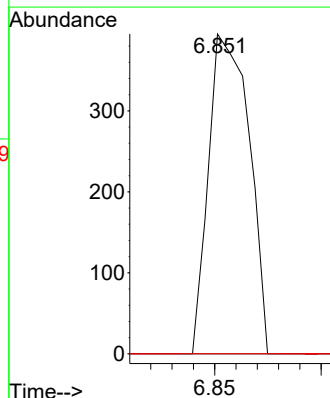
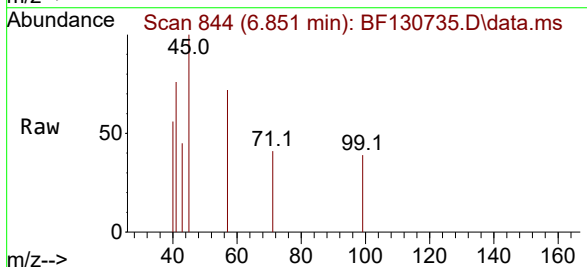
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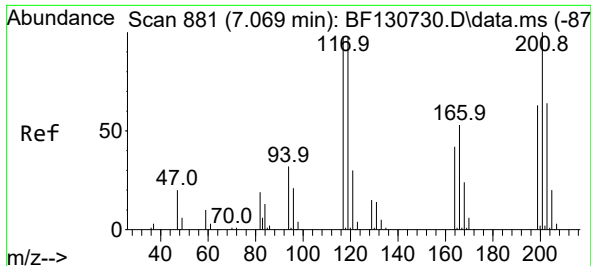
Tgt Ion: 79 Resp: 3974
Ion Ratio Lower Upper
79 100
108 13.2 61.4 92.2#
77 103.7 51.4 77.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.051 ng
RT: 6.851 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion: 45 Resp: 522
Ion Ratio Lower Upper
45 100
77 0.0 17.7 57.7#
79 0.0 13.8 53.8#

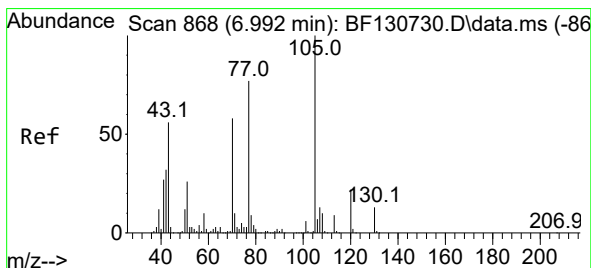
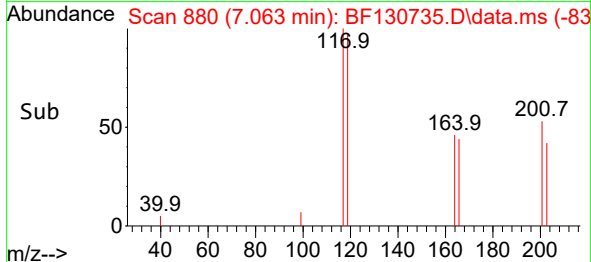
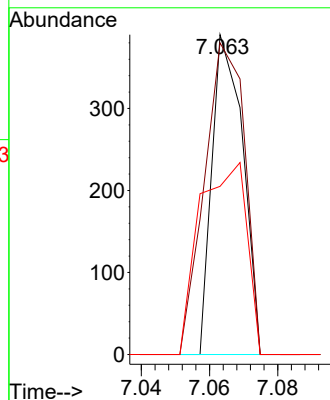
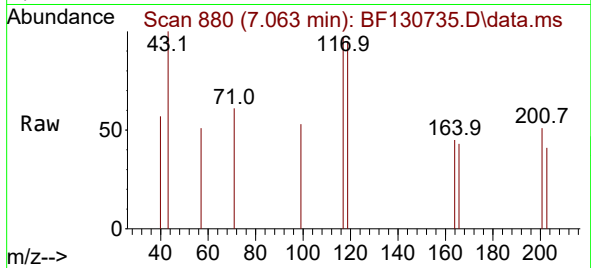




#18
Hexachloroethane
Concen: 0.063 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

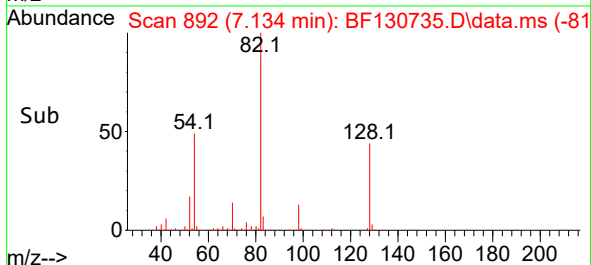
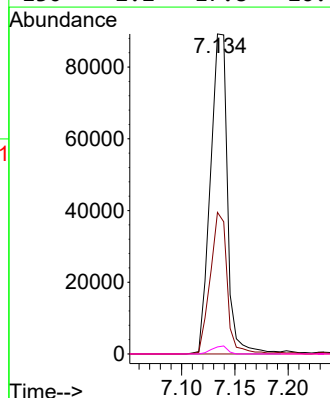
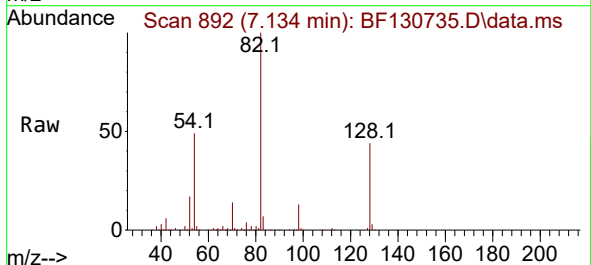
Instrument :
BNA_F
ClientSampleId :
PB148422BL

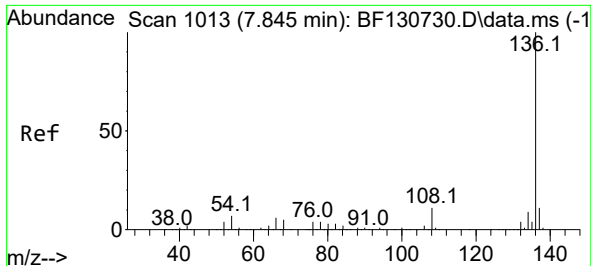
Tgt Ion:117 Resp: 244
Ion Ratio Lower Upper
117 100
119 97.4 79.1 118.7
201 52.6 81.5 122.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.183 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

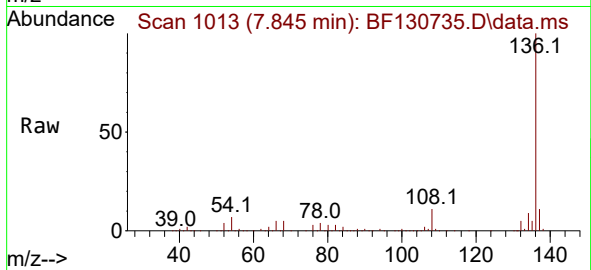
Tgt Ion: 70 Resp: 99867
Ion Ratio Lower Upper
70 100
42 44.3 44.1 66.1
101 0.0 8.3 12.5#
130 2.2 17.8 26.6#



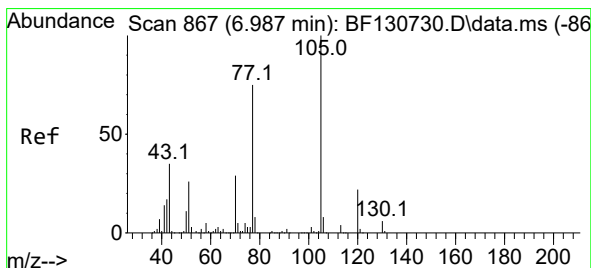
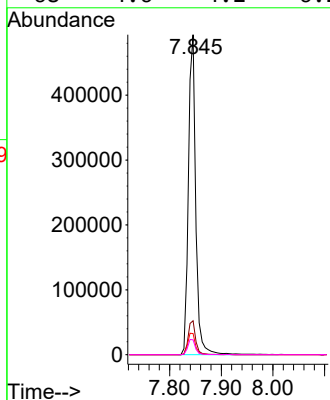
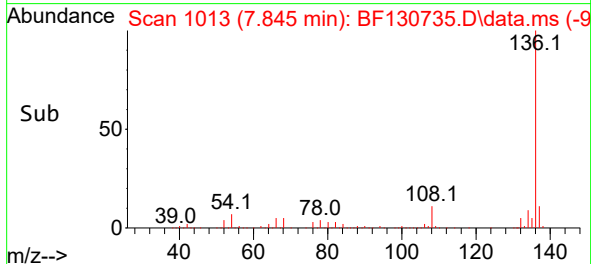


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

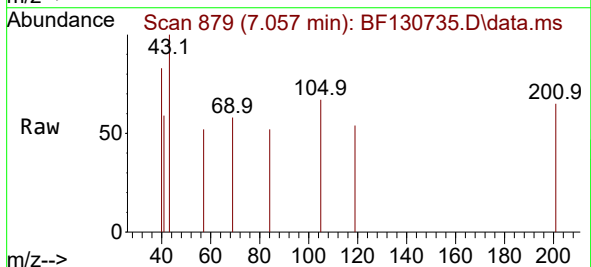
Instrument :
BNA_F
ClientSampleId :
PB148422BL



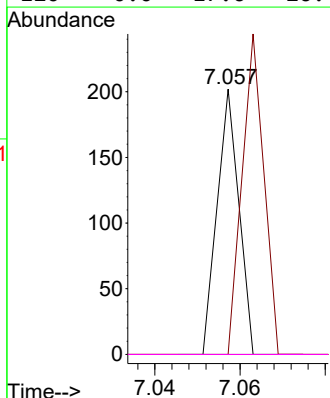
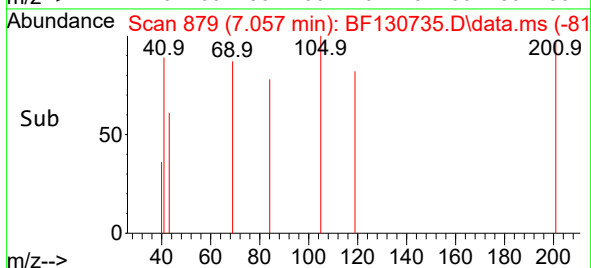
Tgt Ion:136 Resp: 484587
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.6 5.8 8.8
68 4.6 4.2 6.2

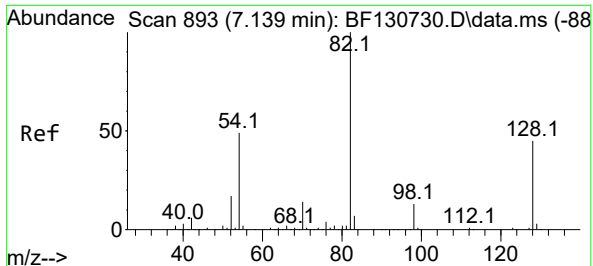


#22
Acetophenone
Concen: 0.006 ng
RT: 7.057 min Scan# 879
Delta R.T. 0.071 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47



Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
71 0.0 3.9 5.9#
51 0.0 21.0 31.4#
120 0.0 17.6 26.4#





#23

Nitrobenzene-d5

Concen: 82.209 ng

RT: 7.140 min Scan# 89

Delta R.T. 0.001 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

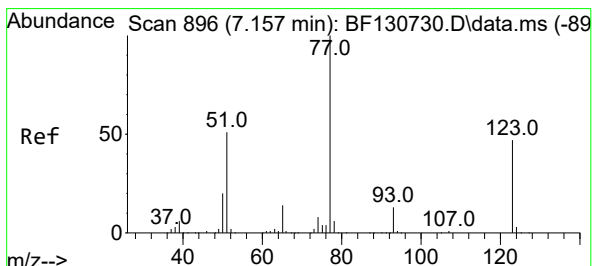
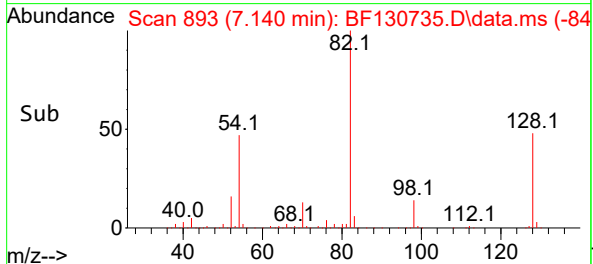
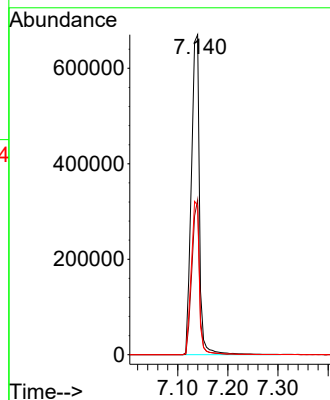
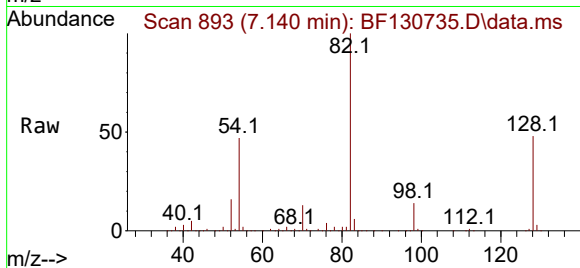
Tgt Ion: 82 Resp: 750972

Ion Ratio Lower Upper

82 100

128 48.3 35.9 53.9

54 46.6 39.2 58.8



#24

Nitrobenzene

Concen: 0.237 ng

RT: 7.134 min Scan# 892

Delta R.T. -0.023 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

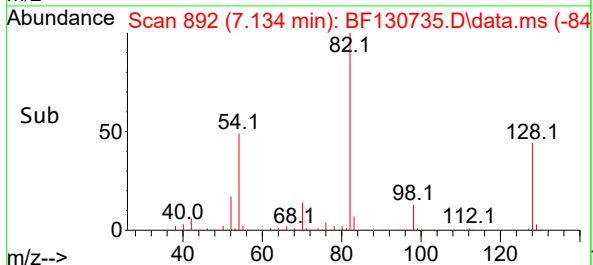
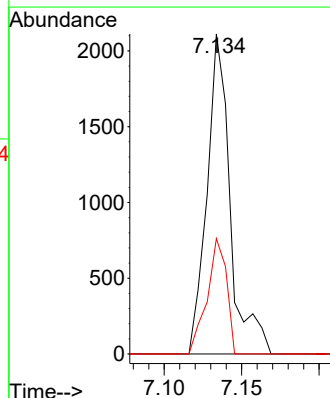
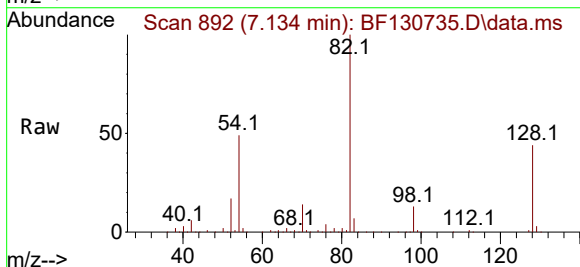
Tgt Ion: 77 Resp: 2199

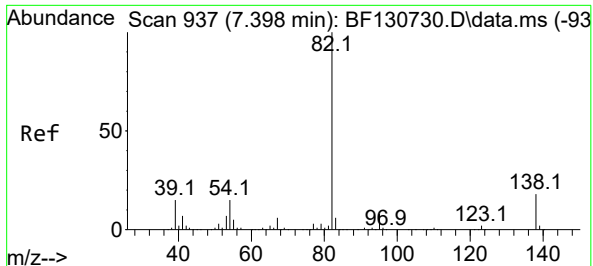
Ion Ratio Lower Upper

77 100

123 0.0 37.3 55.9#

65 36.1 11.1 16.7#

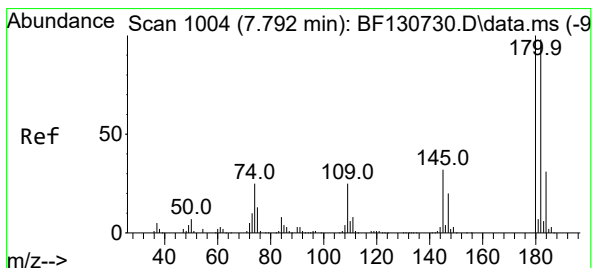
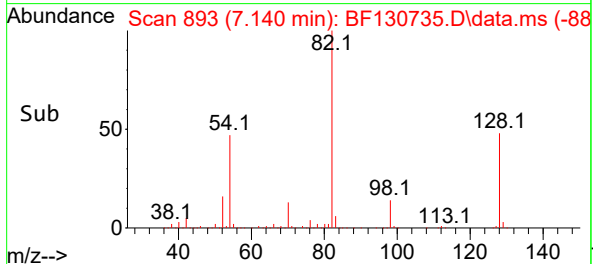
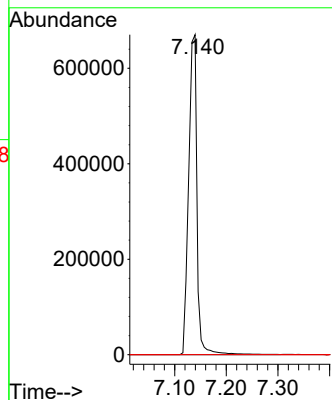
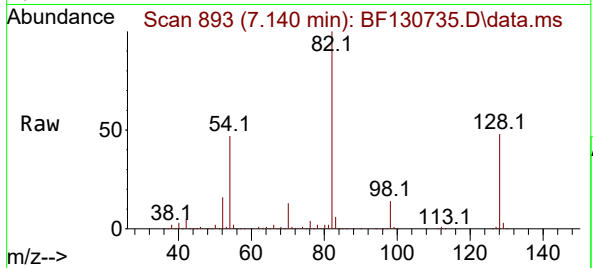




#25
Isophorone
Concen: 49.900 ng
RT: 7.140 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

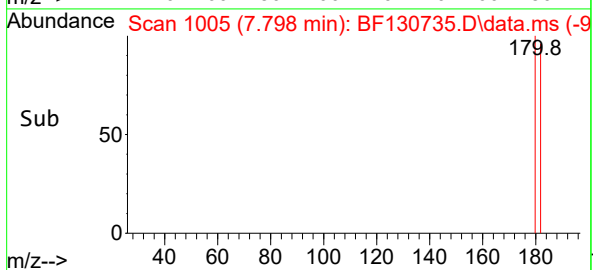
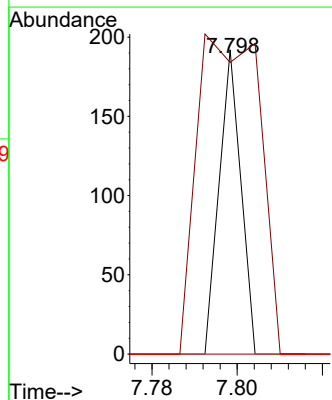
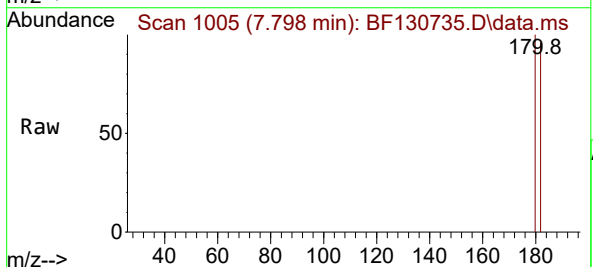
Instrument :
BNA_F
ClientSampleId :
PB148422BL

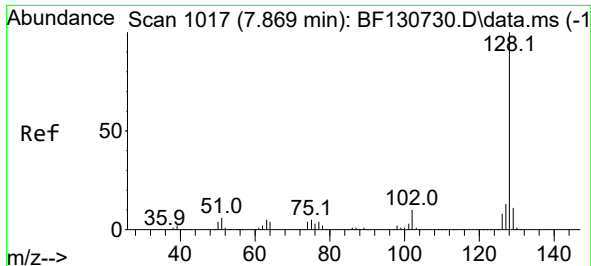
Tgt Ion: 82 Resp: 751031
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#30
1,2,4-Trichlorobenzene
Concen: 0.009 ng
RT: 7.798 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

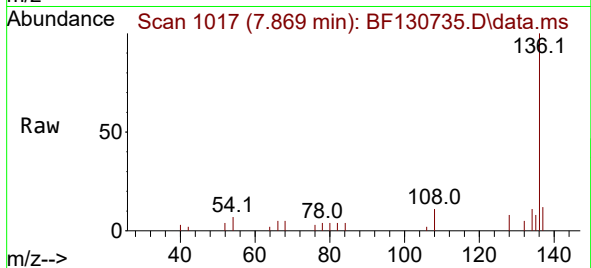
Tgt Ion: 180 Resp: 68
Ion Ratio Lower Upper
180 100
182 95.8 78.2 117.2
145 0.0 25.9 38.9#



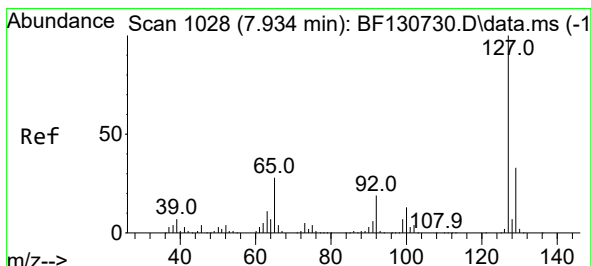
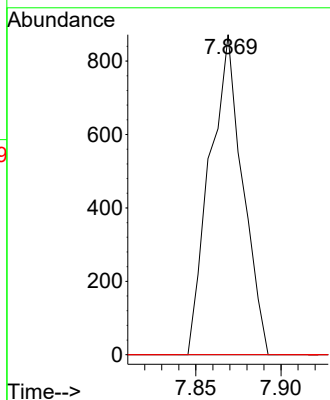
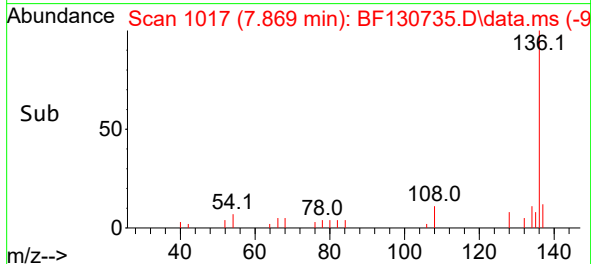


#31
Naphthalene
Concen: 0.047 ng
RT: 7.869 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

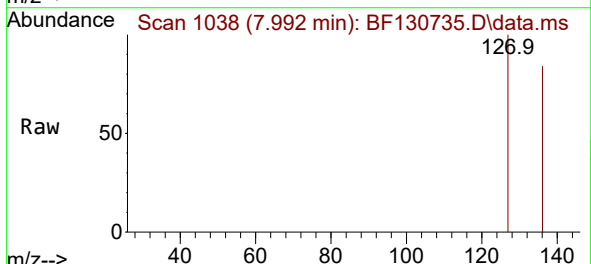
Instrument :
BNA_F
ClientSampleId :
PB148422BL



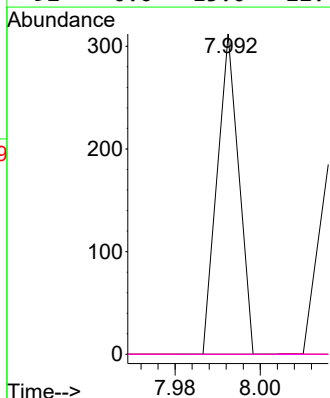
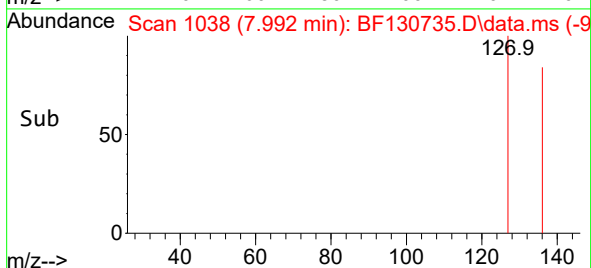
Tgt Ion:128 Resp: 1170
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.6 16.0#

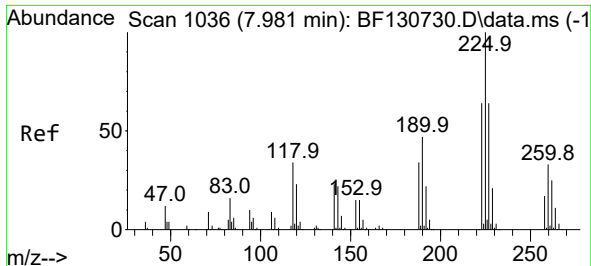


#33
4-Chloroaniline
Concen: 0.011 ng
RT: 7.992 min Scan# 1038
Delta R.T. 0.059 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47



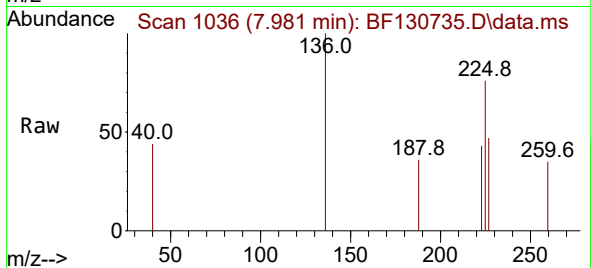
Tgt Ion:127 Resp: 110
Ion Ratio Lower Upper
127 100
129 0.0 26.2 39.4#
65 0.0 22.6 33.8#
92 0.0 15.0 22.4#



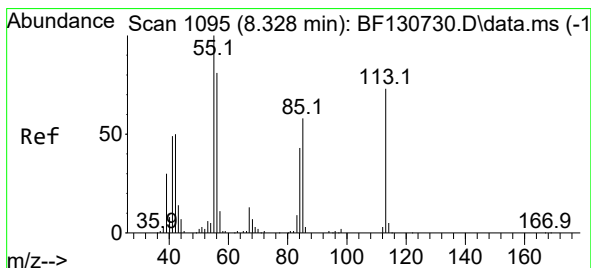
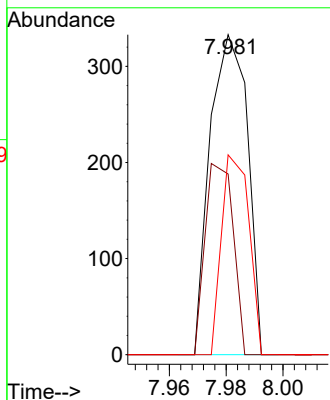
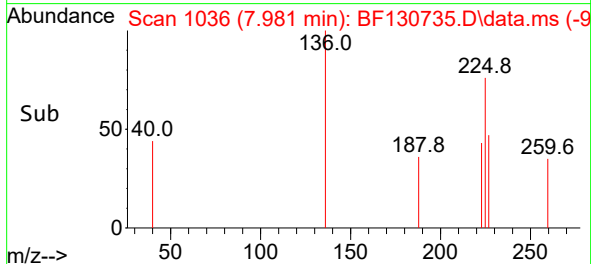


#34
Hexachlorobutadiene
Concen: 0.066 ng
RT: 7.981 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Instrument :
BNA_F
ClientSampleId :
PB148422BL

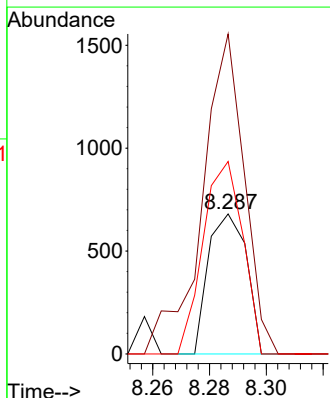
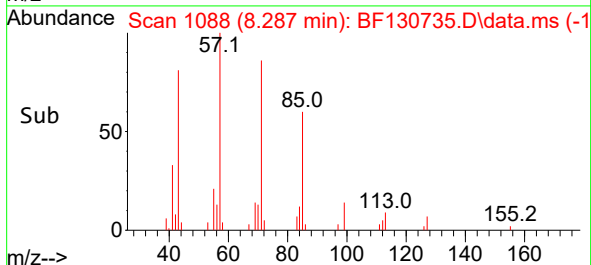
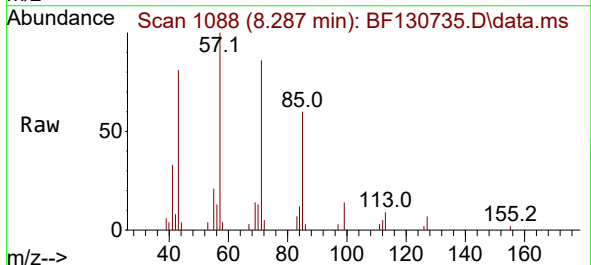


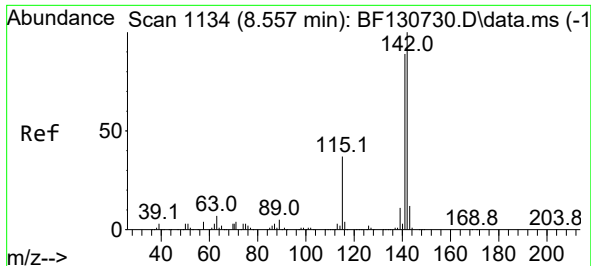
Tgt Ion:225 Resp: 306
Ion Ratio Lower Upper
225 100
223 56.5 51.0 76.6
227 62.5 51.3 76.9



#35
Caprolactam
Concen: 0.291 ng
RT: 8.287 min Scan# 1088
Delta R.T. -0.041 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:113 Resp: 632
Ion Ratio Lower Upper
113 100
55 228.7 116.4 156.4#
56 137.5 91.0 131.0#

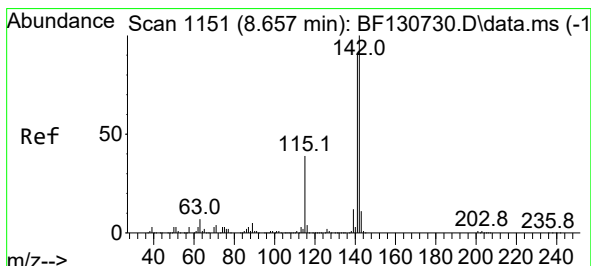
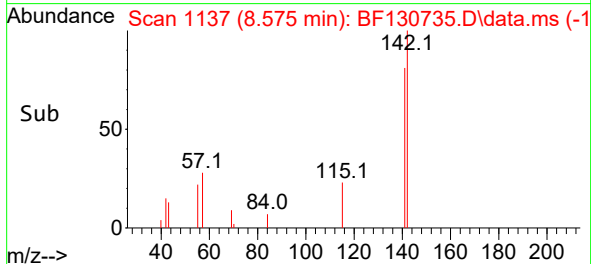
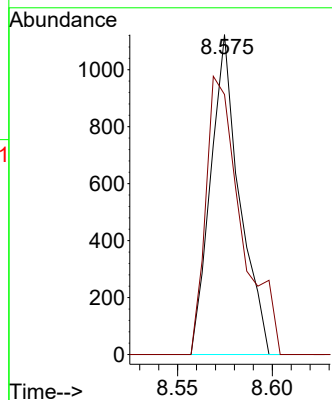
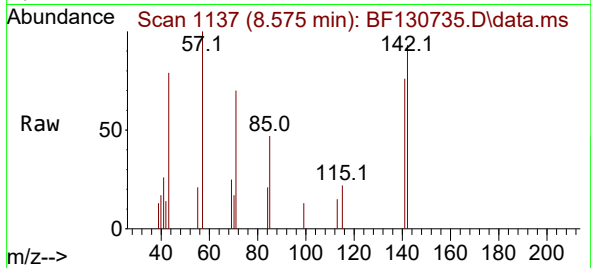




#37
2-Methylnaphthalene
Concen: 0.073 ng
RT: 8.575 min Scan# 1137
Delta R.T. 0.018 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

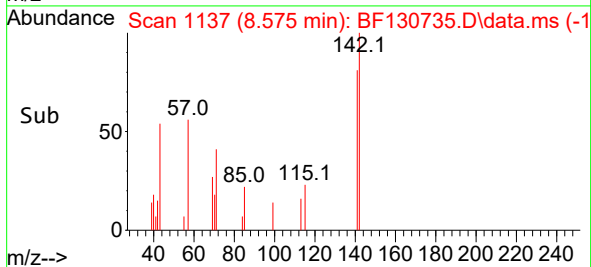
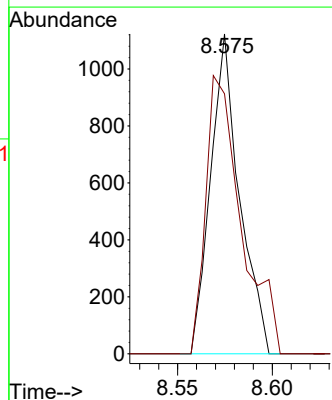
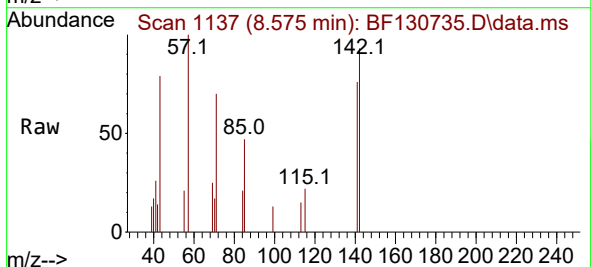
Instrument :
BNA_F
ClientSampleId :
PB148422BL

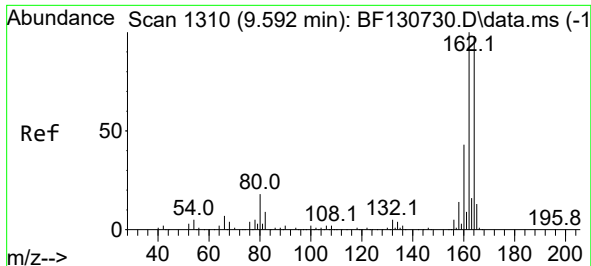
Tgt Ion:142 Resp: 1193
Ion Ratio Lower Upper
142 100
141 81.3 71.0 106.4



#38
1-Methylnaphthalene
Concen: 0.074 ng
RT: 8.575 min Scan# 1137
Delta R.T. -0.082 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:142 Resp: 1193
Ion Ratio Lower Upper
142 100
141 81.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.592 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

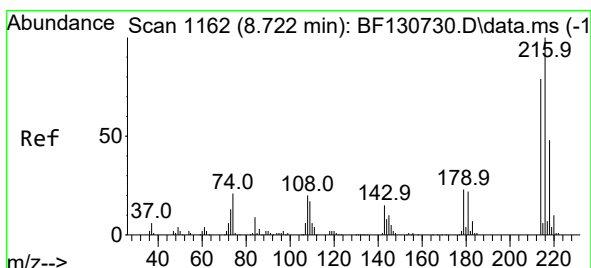
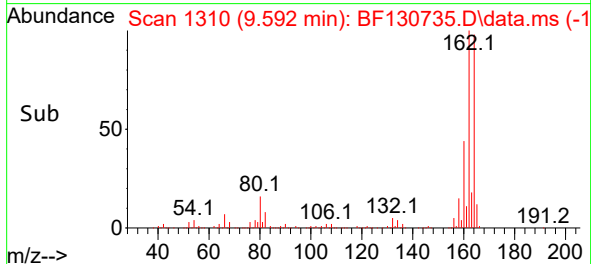
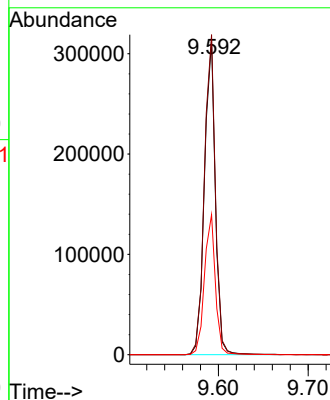
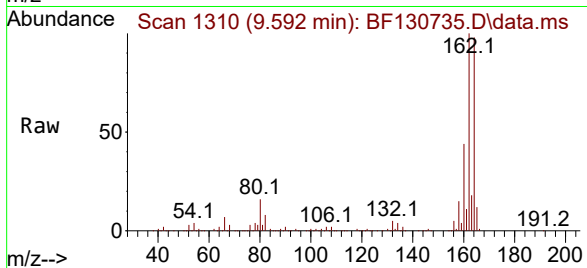
Tgt Ion:164 Resp: 263882

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

160 44.6 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.114 ng

RT: 8.734 min Scan# 1164

Delta R.T. 0.012 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Tgt Ion:216 Resp: 799

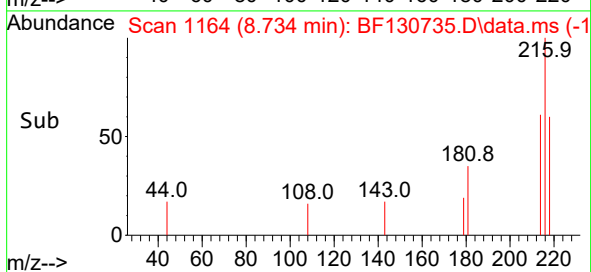
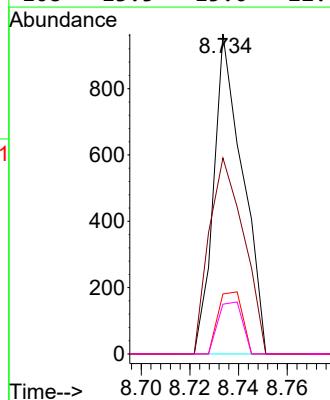
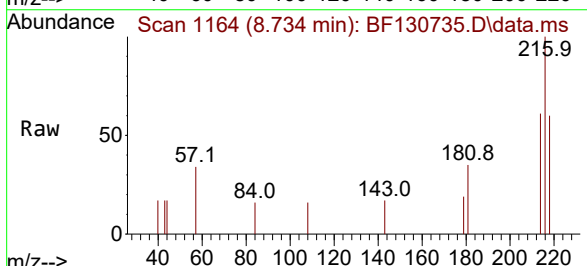
Ion Ratio Lower Upper

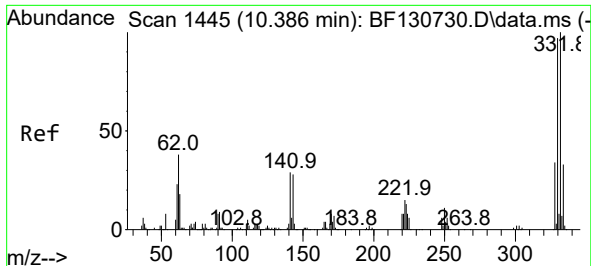
216 100

214 73.2 63.0 94.4

179 16.3 18.1 27.1#

108 13.5 15.0 22.4#





#42

2,4,6-Tribromophenol

Concen: 161.097 ng

RT: 10.386 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

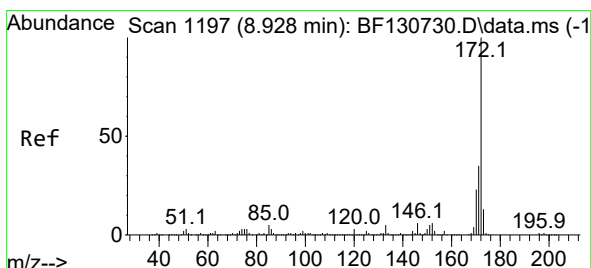
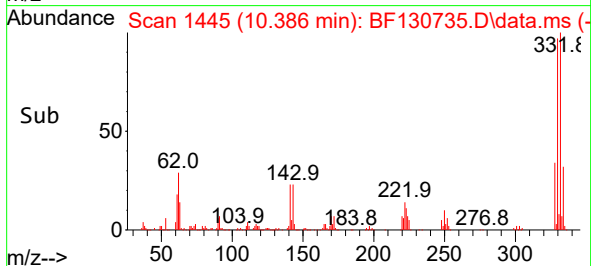
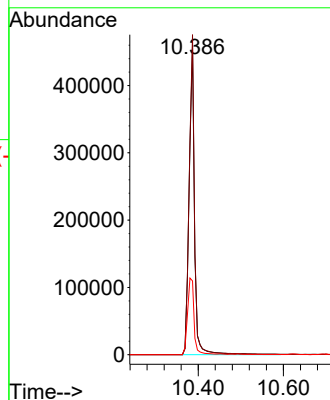
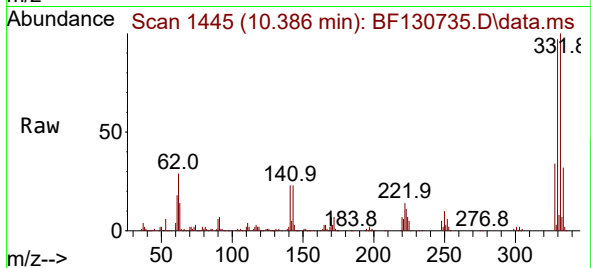
Tgt Ion:330 Resp: 404273

Ion Ratio Lower Upper

330 100

332 101.6 81.4 122.2

141 29.6 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 87.754 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

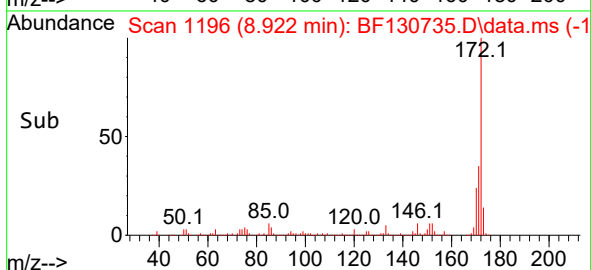
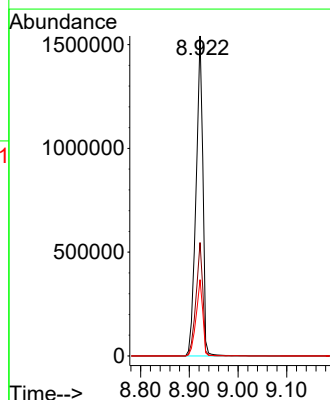
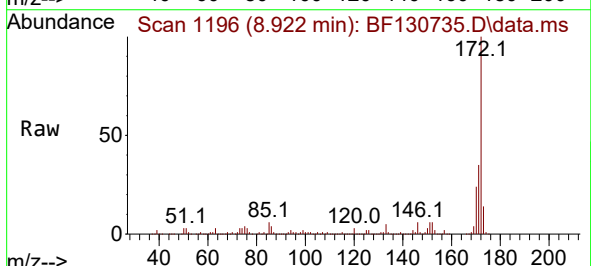
Tgt Ion:172 Resp: 1519532

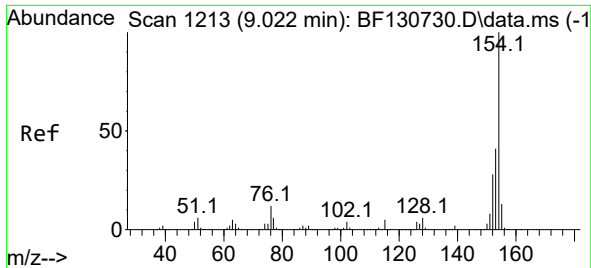
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.8 18.5 27.7

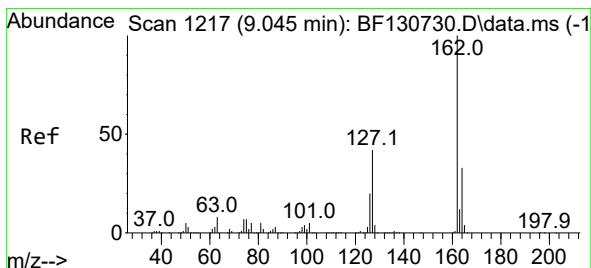
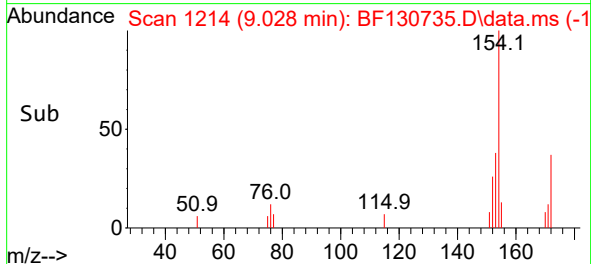
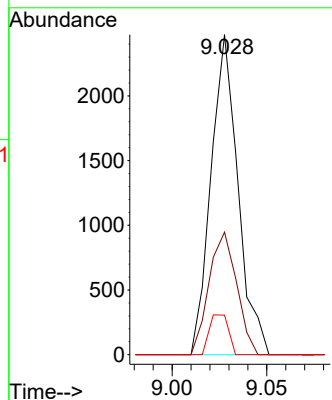
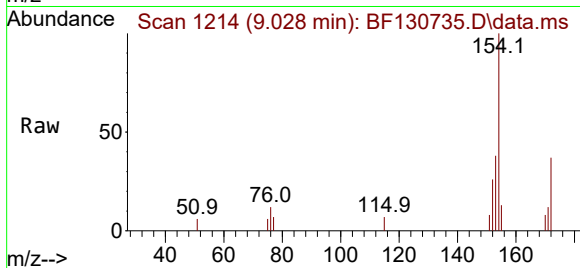




#46
1,1'-Biphenyl
Concen: 0.133 ng
RT: 9.028 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

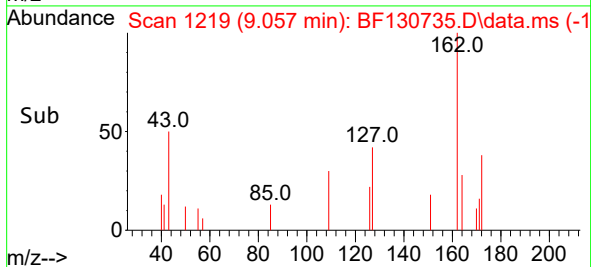
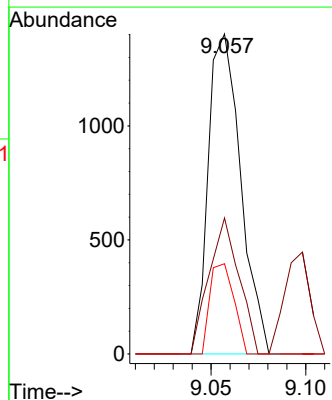
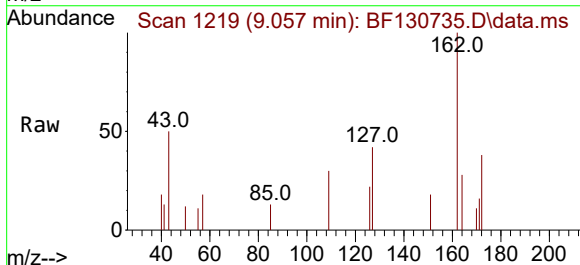
Instrument :
BNA_F
ClientSampleId :
PB148422BL

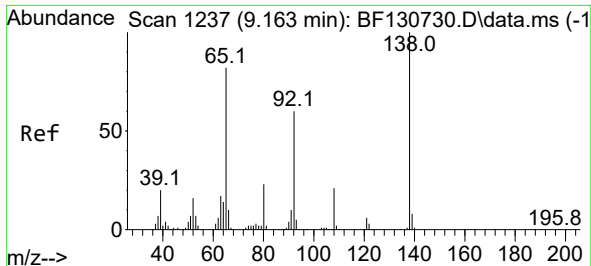
Tgt Ion:154 Resp: 2452
Ion Ratio Lower Upper
154 100
153 38.3 20.7 60.7
76 12.4 0.0 31.7



#47
2-Chloronaphthalene
Concen: 0.109 ng
RT: 9.057 min Scan# 1219
Delta R.T. 0.012 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:162 Resp: 1675
Ion Ratio Lower Upper
162 100
127 42.5 34.0 51.0
164 28.2 26.5 39.7

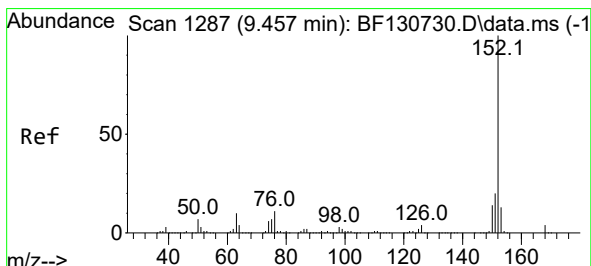
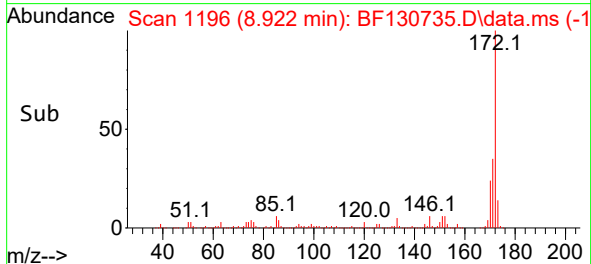
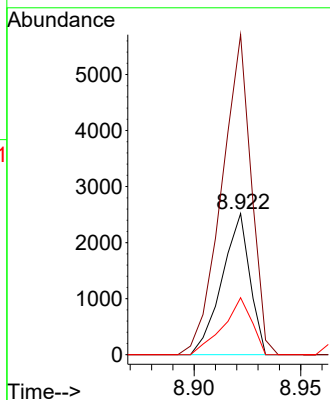
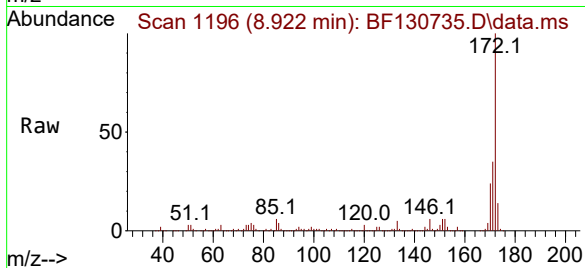




#48
2-Nitroaniline
Concen: 0.489 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.241 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

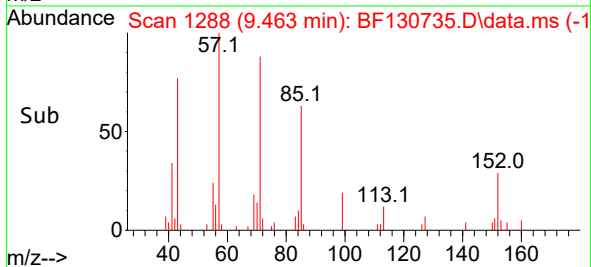
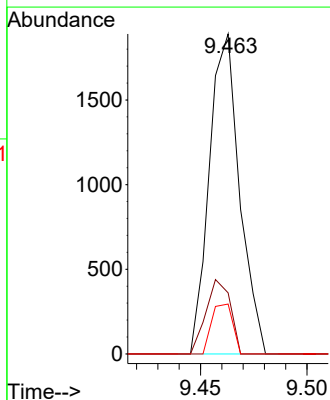
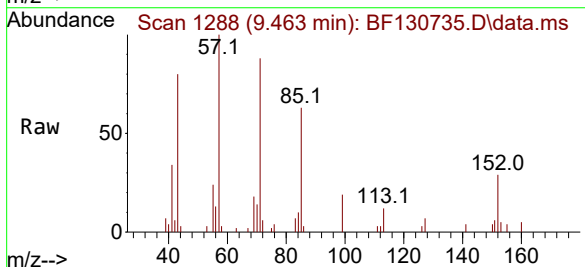
Instrument :
BNA_F
ClientSampleId :
PB148422BL

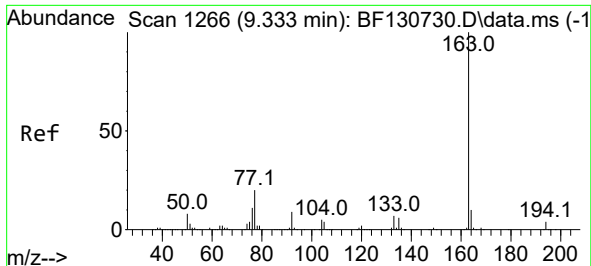
Tgt Ion: 65 Resp: 2295
Ion Ratio Lower Upper
65 100
92 226.7 58.6 88.0#
138 40.4 97.0 145.6#



#49
Acenaphthylene
Concen: 0.083 ng
RT: 9.463 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion: 152 Resp: 1867
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 15.6 10.5 15.7

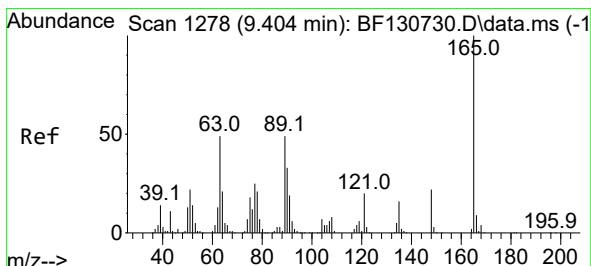
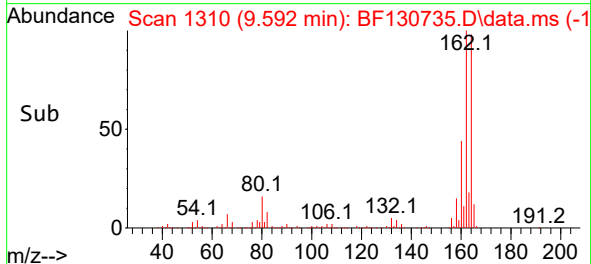
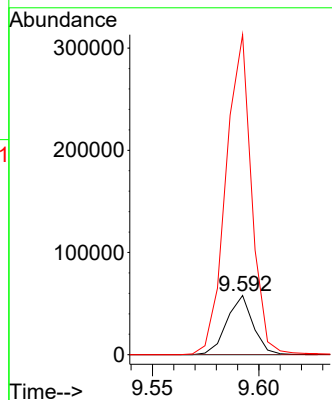
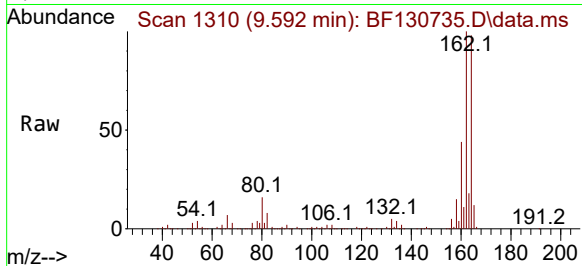




#50
Dimethylphthalate
Concen: 2.799 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

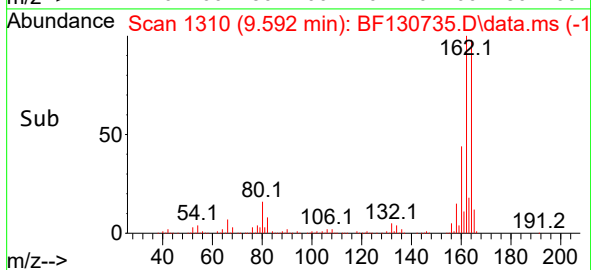
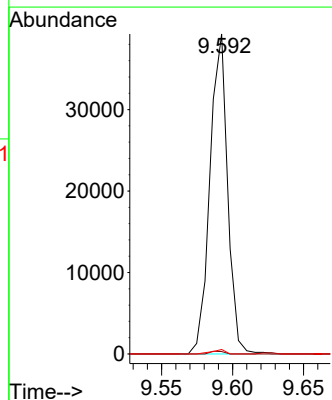
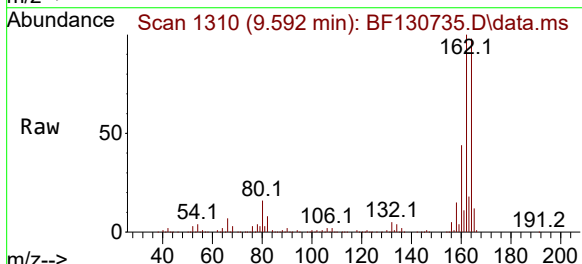
Instrument :
BNA_F
ClientSampleId :
PB148422BL

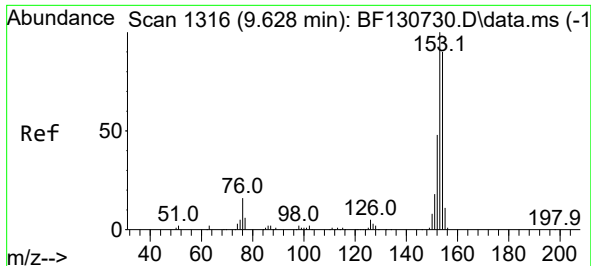
Tgt Ion:163 Resp: 49682
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 540.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:165 Resp: 33950
Ion Ratio Lower Upper
165 100
63 0.8 38.8 58.2#
89 1.4 39.4 59.2#

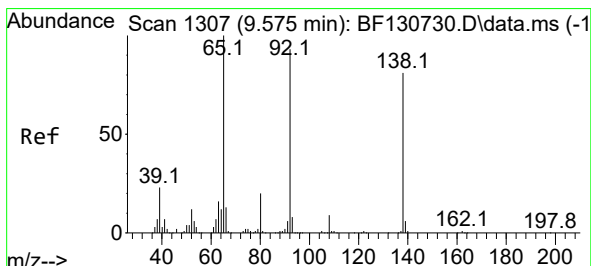
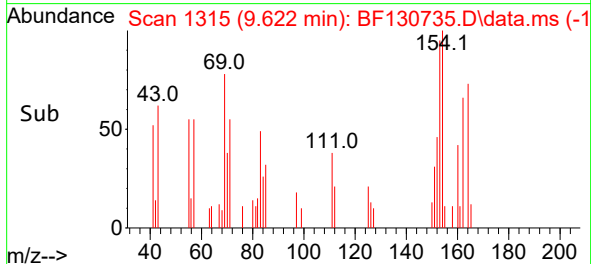
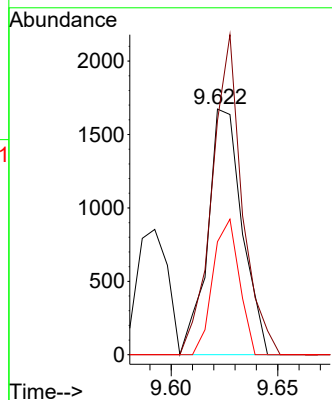
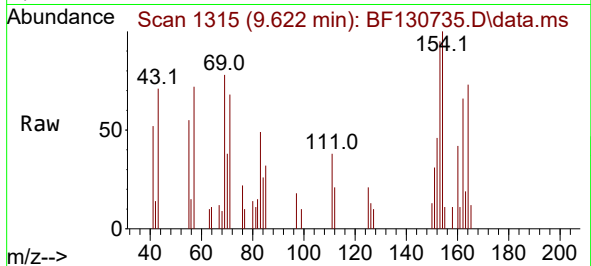




#52
Acenaphthene
Concen: 0.134 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

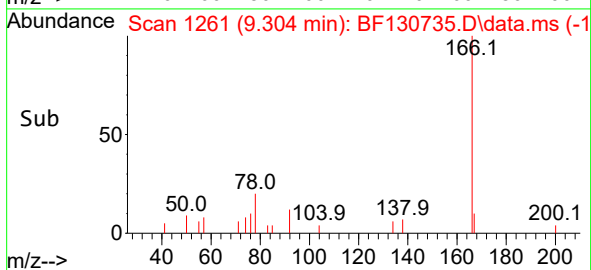
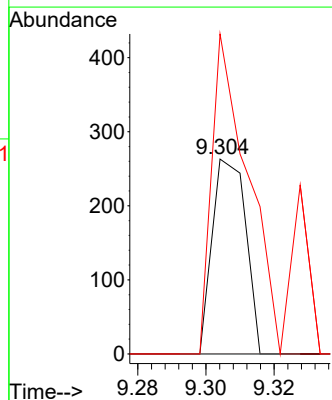
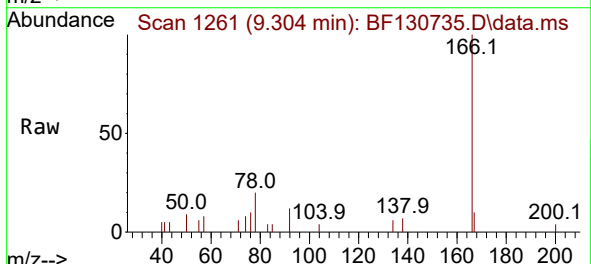
Instrument :
BNA_F
ClientSampleId :
PB148422BL

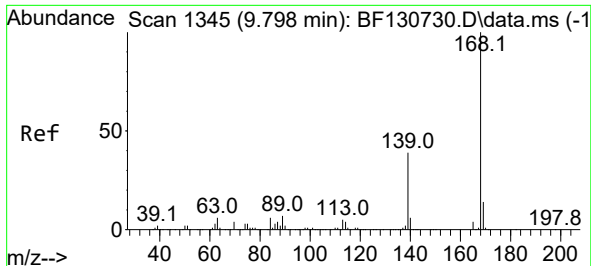
Tgt Ion:154 Resp: 1882
Ion Ratio Lower Upper
154 100
153 95.3 88.4 132.6
152 46.0 42.0 63.0



#53
3-Nitroaniline
Concen: 0.040 ng
RT: 9.304 min Scan# 1261
Delta R.T. -0.270 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:138 Resp: 179
Ion Ratio Lower Upper
138 100
108 0.0 9.0 13.6#
92 164.3 91.6 137.4#

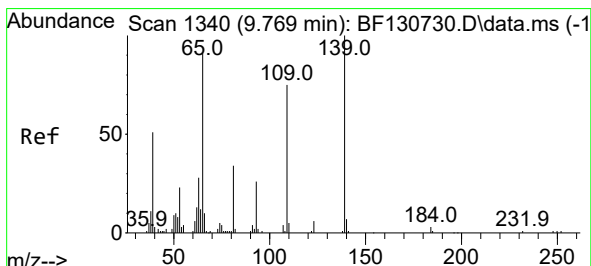
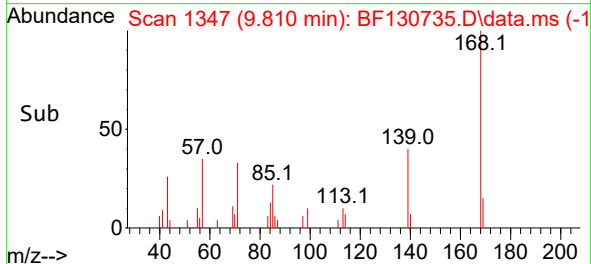
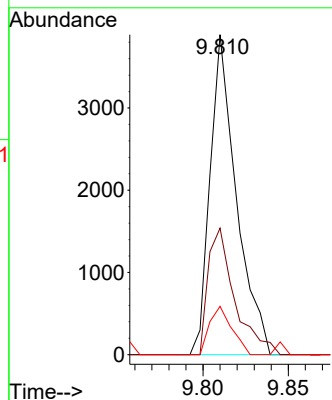
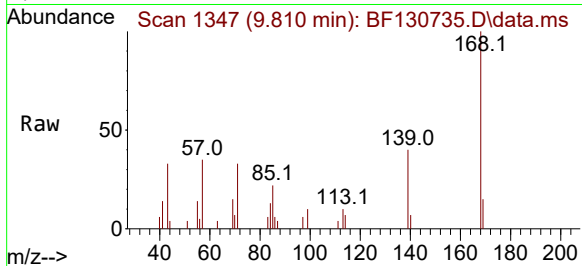




#55
 Dibenzenofuran
 Concen: 0.193 ng
 RT: 9.810 min Scan# 1347
 Delta R.T. 0.012 min
 Lab File: BF130735.D
 Acq: 20 Oct 2022 19:47

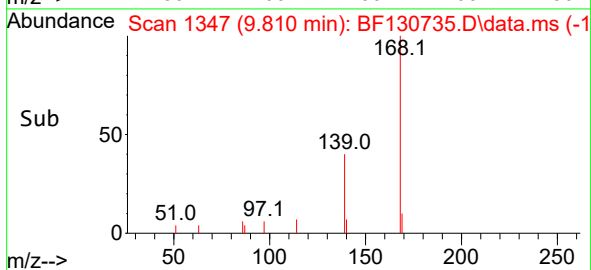
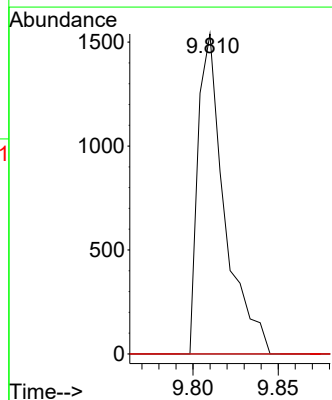
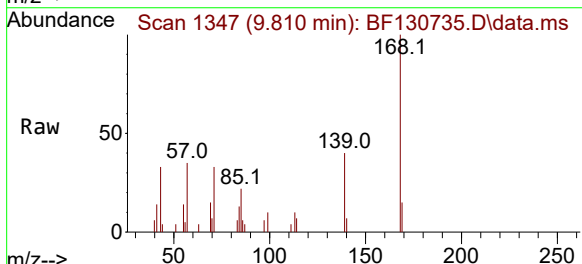
Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL

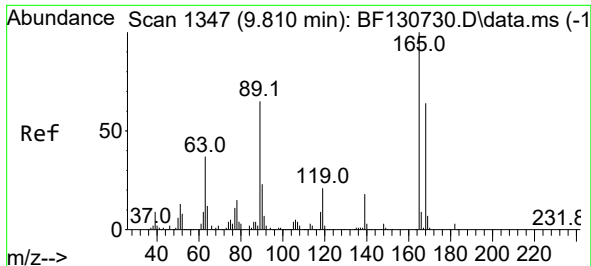
Tgt Ion:168	Resp:	4169
Ion	Ratio	Lower Upper
168	100	
139	39.5	34.3 51.5
169	15.1	11.0 16.6



#56
 4-Nitrophenol
 Concen: 6.701 ng
 RT: 9.810 min Scan# 1347
 Delta R.T. 0.041 min
 Lab File: BF130735.D
 Acq: 20 Oct 2022 19:47

Tgt Ion:139	Resp:	1669
Ion	Ratio	Lower Upper
139	100	
109	0.0	55.1 95.1#
65	0.0	72.2 112.2#





#57

2,4-Dinitrotoluene

Concen: 6.341 ng

RT: 9.592 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

Tgt Ion:165 Resp: 33950

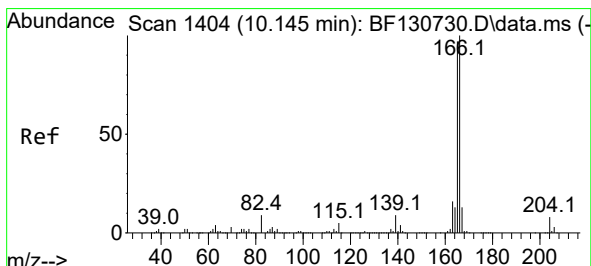
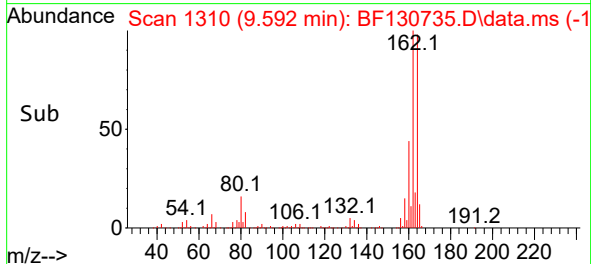
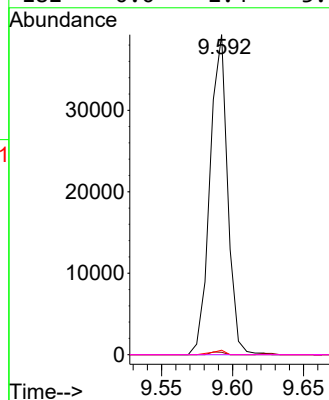
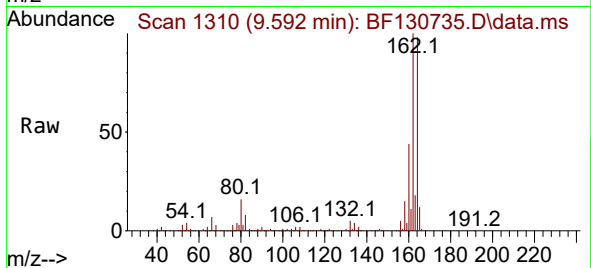
Ion Ratio Lower Upper

165 100

63 0.8 32.6 49.0#

89 1.4 51.9 77.9#

182 0.0 2.4 3.6#



#58

Fluorene

Concen: 0.191 ng

RT: 10.145 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

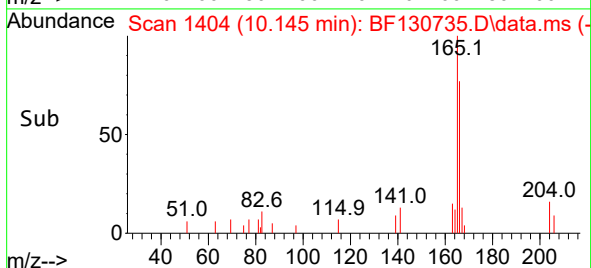
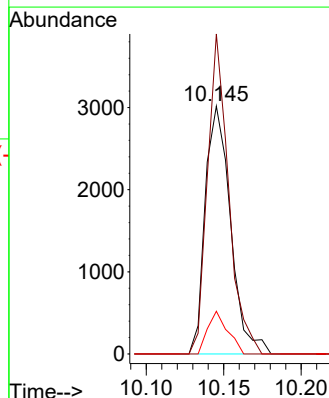
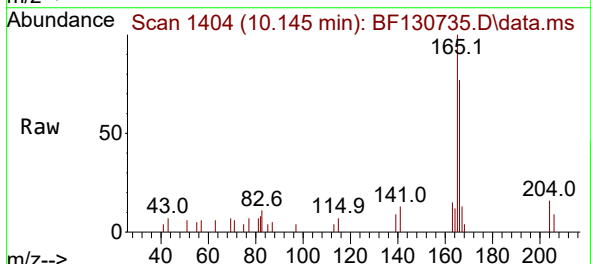
Tgt Ion:166 Resp: 3432

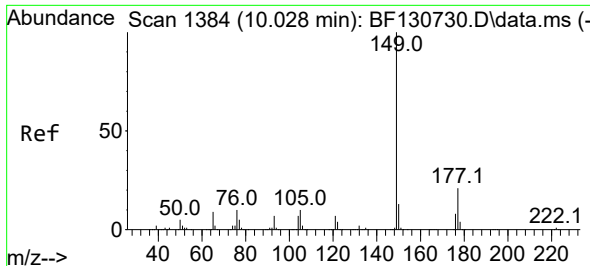
Ion Ratio Lower Upper

166 100

165 129.1 77.6 116.4#

167 17.3 10.3 15.5#

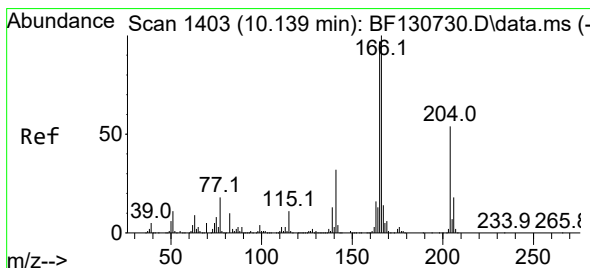
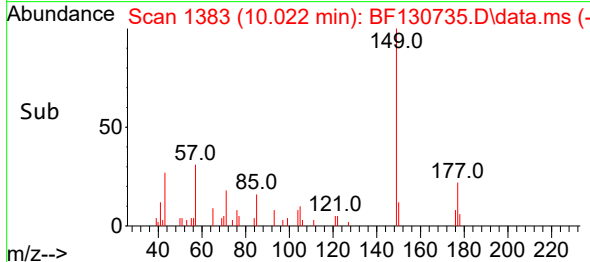
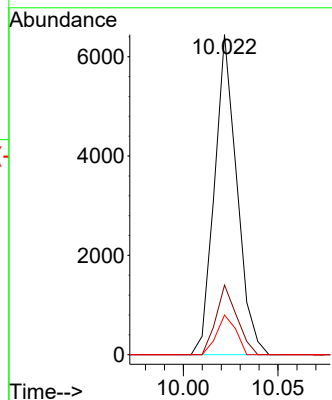
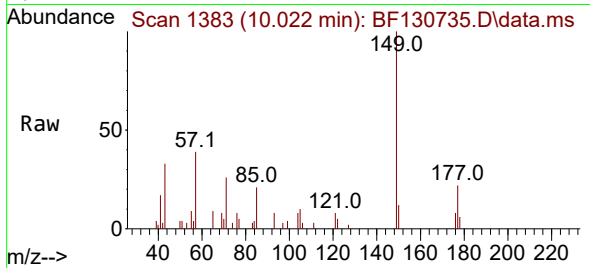




#60
Diethylphthalate
Concen: 0.290 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

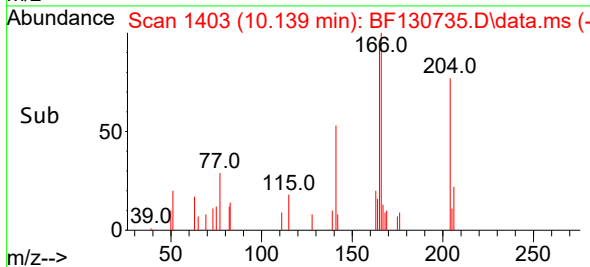
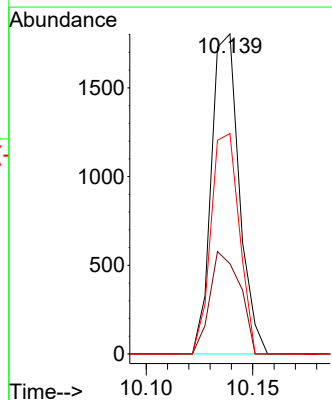
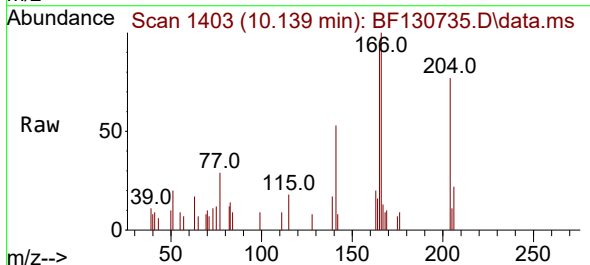
Instrument :
BNA_F
ClientSampleId :
PB148422BL

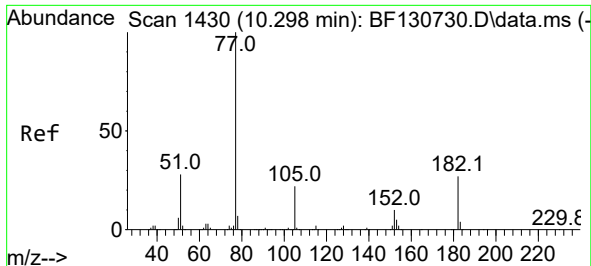
Tgt Ion:149 Resp: 5306
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.4 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 0.204 ng
RT: 10.139 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:204 Resp: 1642
Ion Ratio Lower Upper
204 100
206 28.2 26.9 40.3
141 68.9 47.7 71.5

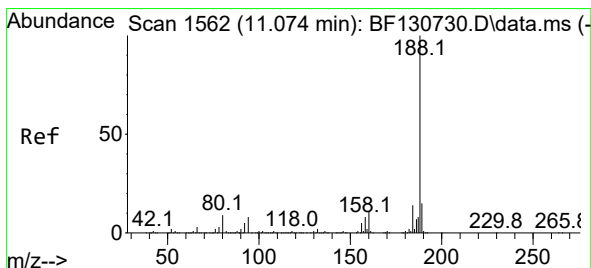
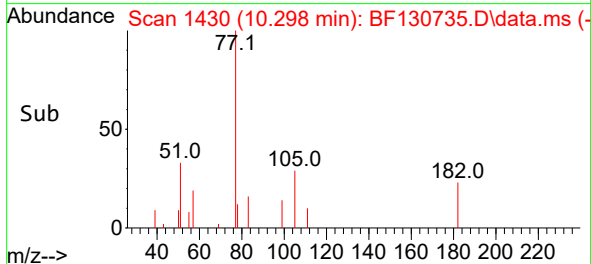
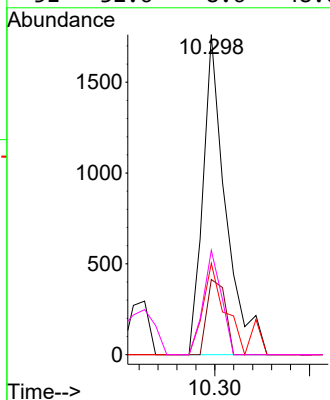
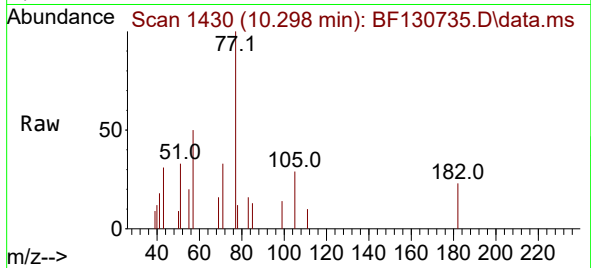




#63
Azobenzene
Concen: 0.091 ng
RT: 10.298 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

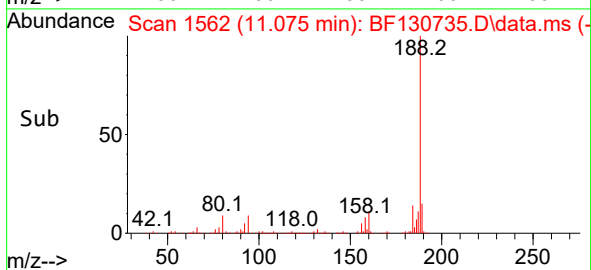
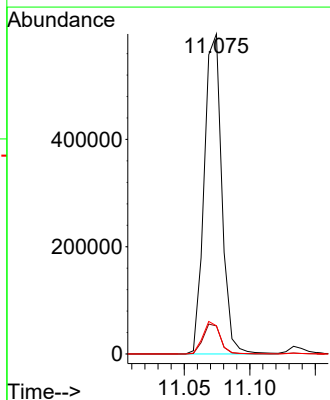
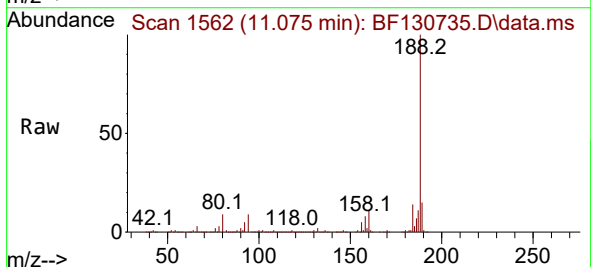
Instrument :
BNA_F
ClientSampleId :
PB148422BL

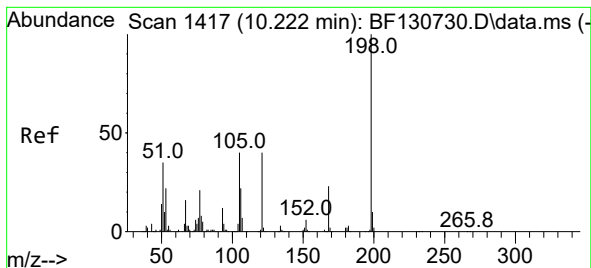
Tgt Ion: 77	Resp:	1468	
Ion	Ratio	Lower	Upper
77	100		
182	23.5	7.3	47.3
105	28.5	1.9	41.9
51	32.6	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:188	Resp:	557853	
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	8.8	7.4	11.0

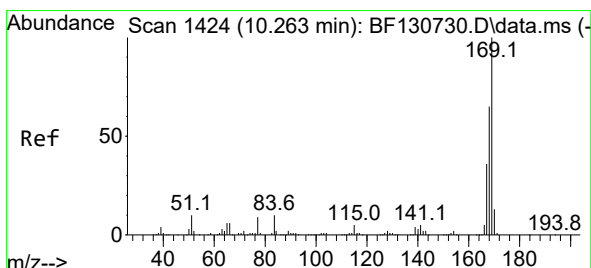
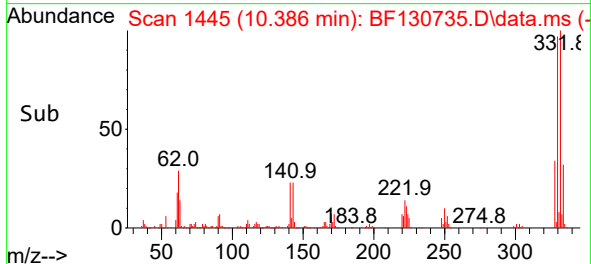
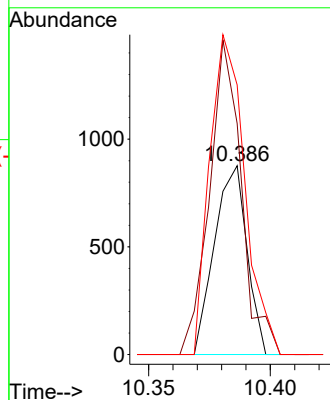
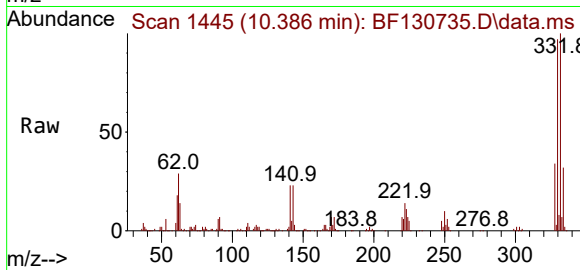




#65
4,6-Dinitro-2-methylphenol
Concen: 0.244 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.165 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

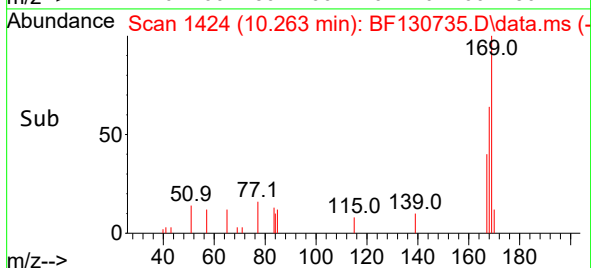
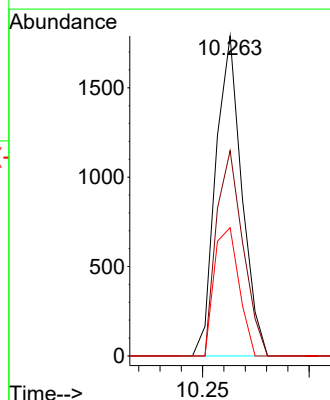
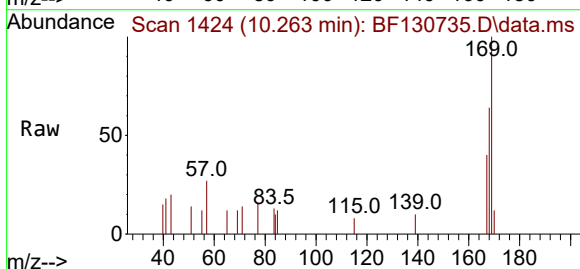
Instrument :
BNA_F
ClientSampleId :
PB148422BL

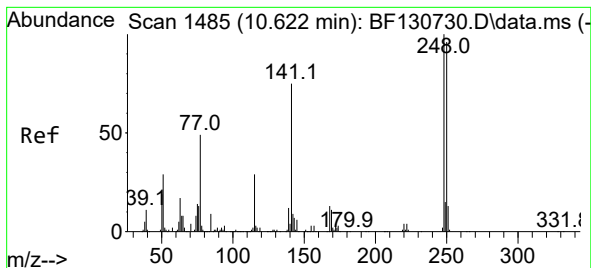
Tgt Ion:198 Resp: 813
Ion Ratio Lower Upper
198 100
51 122.3 17.7 57.7#
105 142.8 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 0.079 ng
RT: 10.263 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:169 Resp: 1519
Ion Ratio Lower Upper
169 100
168 64.1 52.5 78.7
167 40.1 28.6 42.8

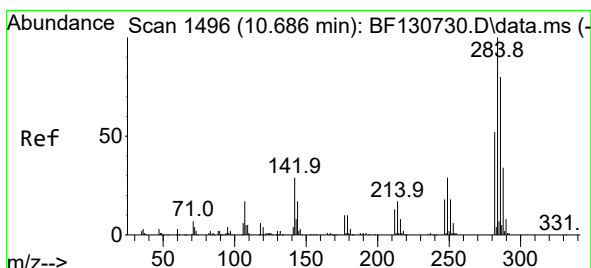
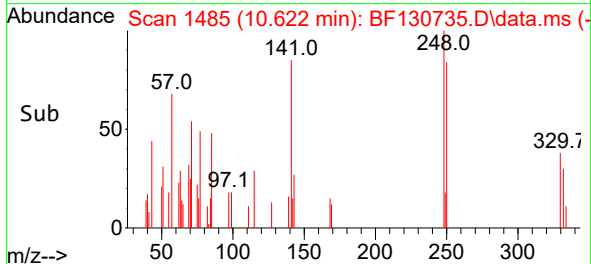
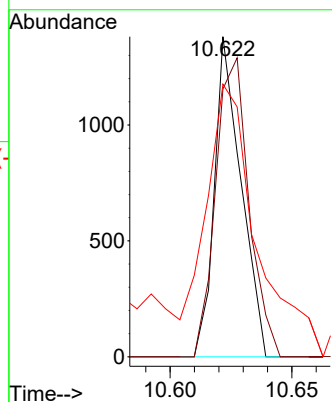
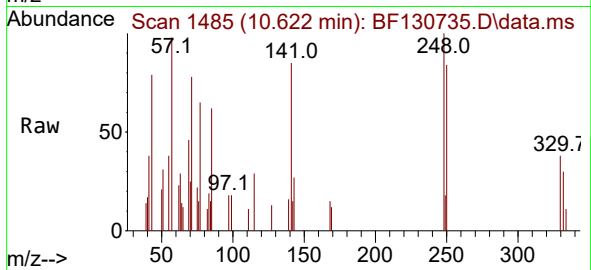




#67
4-Bromophenyl-phenylether
Concen: 0.156 ng
RT: 10.622 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

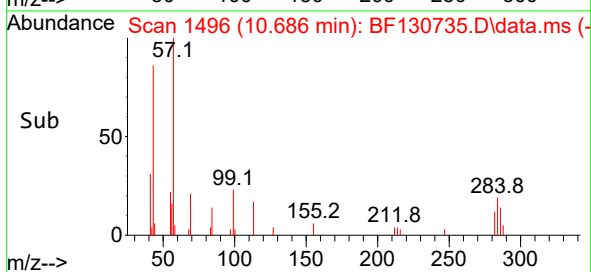
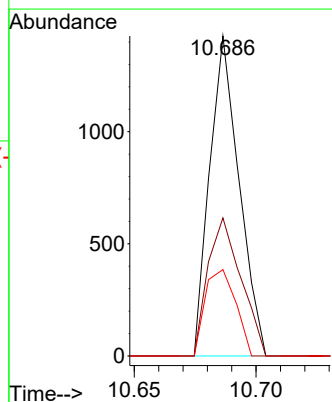
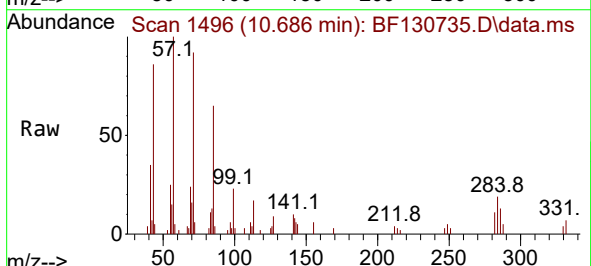
Instrument :
BNA_F
ClientSampleId :
PB148422BL

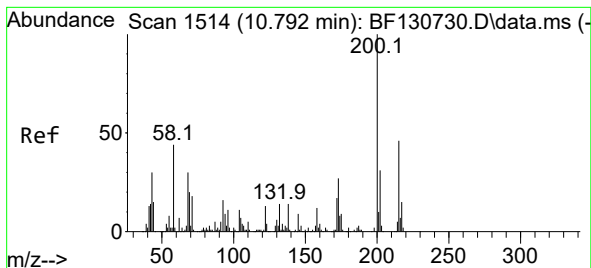
Tgt Ion:248 Resp: 1049
Ion Ratio Lower Upper
248 100
250 83.6 77.0 115.6
141 85.2 60.1 90.1



#68
Hexachlorobenzene
Concen: 0.156 ng
RT: 10.686 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:284 Resp: 1199
Ion Ratio Lower Upper
284 100
142 43.2 22.8 34.2#
249 27.0 23.4 35.2





#69

Atrazine

Concen: 0.100 ng

RT: 10.792 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF130735.D

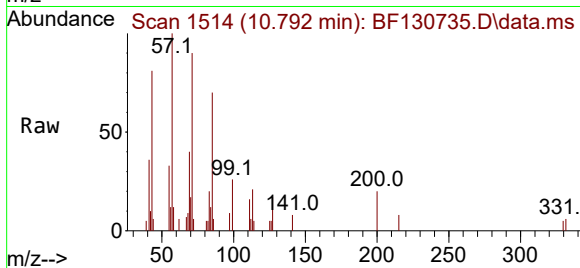
Acq: 20 Oct 2022 19:47

Instrument :

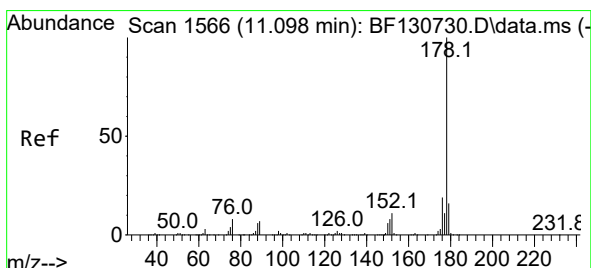
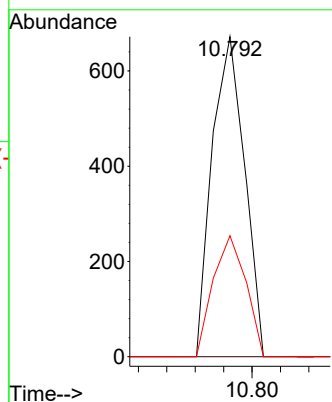
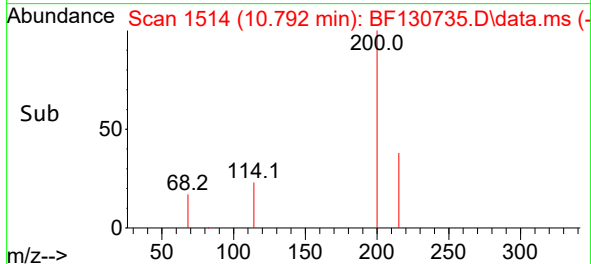
BNA_F

ClientSampleId :

PB148422BL



Tgt Ion:	200	Resp:	532
Ion Ratio	Lower	Upper	
200	100		
173	0.0	7.2	47.2#
215	37.8	26.5	66.5



#71

Phenanthrene

Concen: 0.237 ng

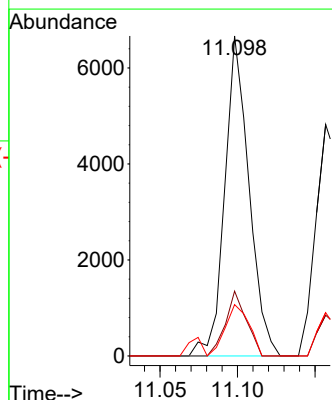
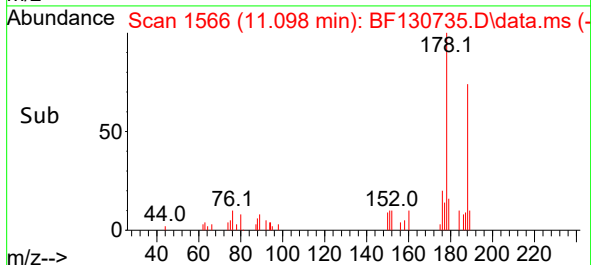
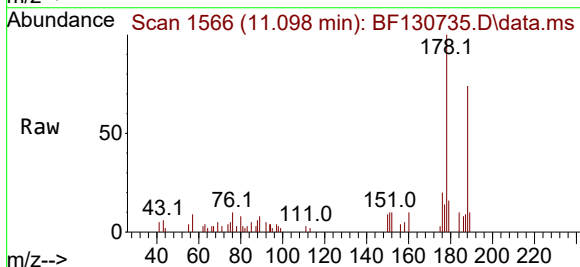
RT: 11.098 min Scan# 1566

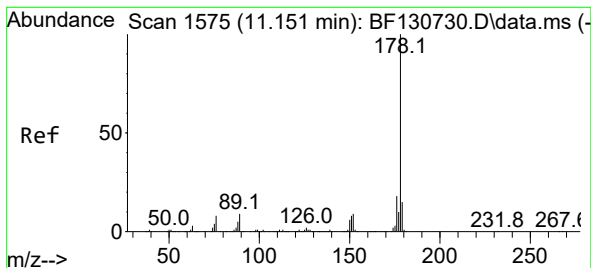
Delta R.T. 0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Tgt Ion:	178	Resp:	7257
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.1	22.7
179	16.1	12.4	18.6





#72

Anthracene

Concen: 0.238 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

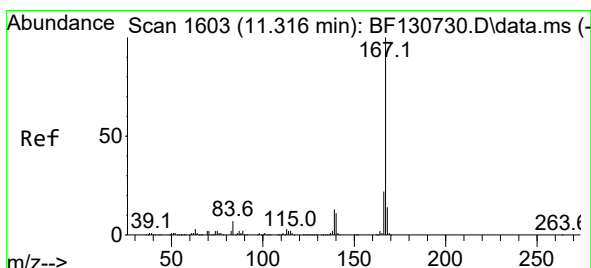
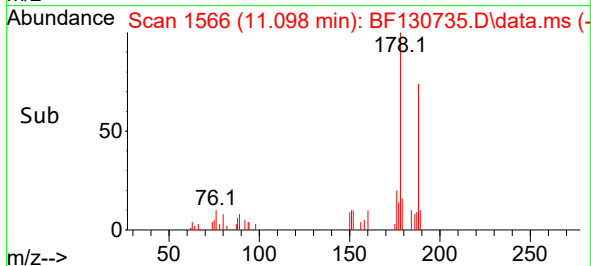
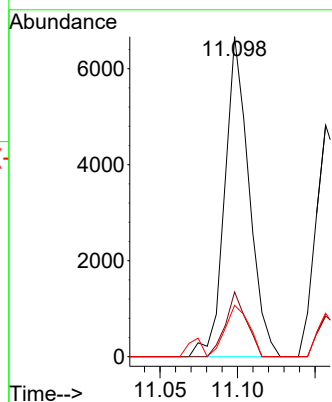
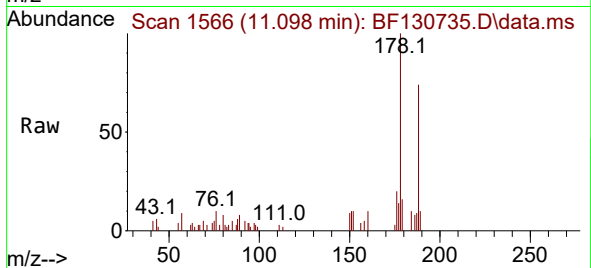
Tgt Ion:178 Resp: 7257

Ion Ratio Lower Upper

178 100

176 20.2 14.6 21.8

179 16.1 12.4 18.6



#73

Carbazole

Concen: 0.107 ng

RT: 11.339 min Scan# 1607

Delta R.T. 0.024 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

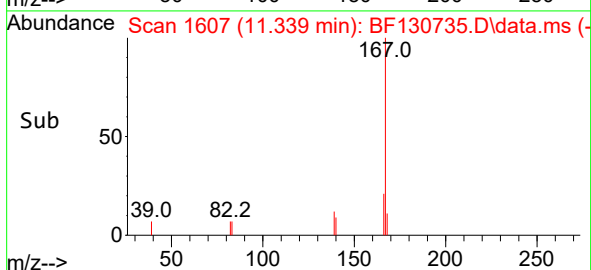
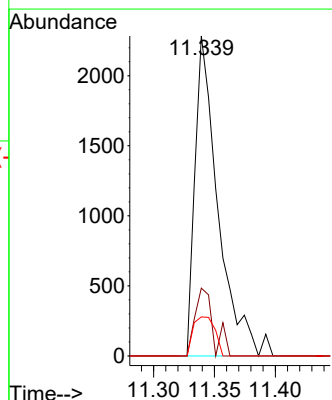
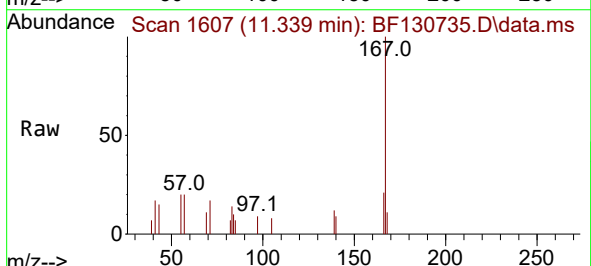
Tgt Ion:167 Resp: 3018

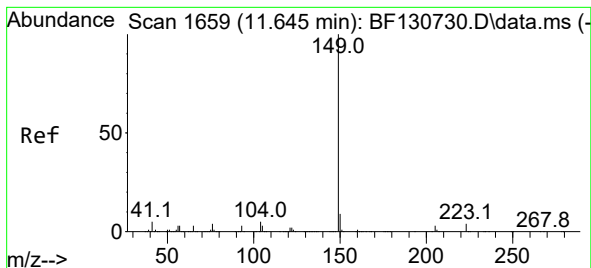
Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.2 10.7 16.1





#74

Di-n-butylphthalate

Concen: 0.213 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

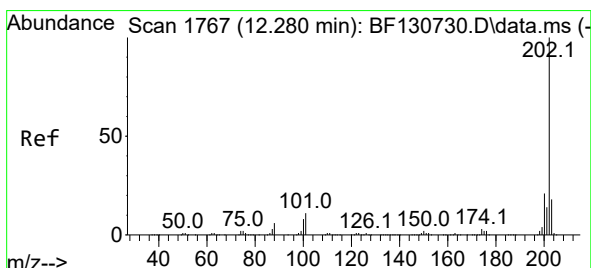
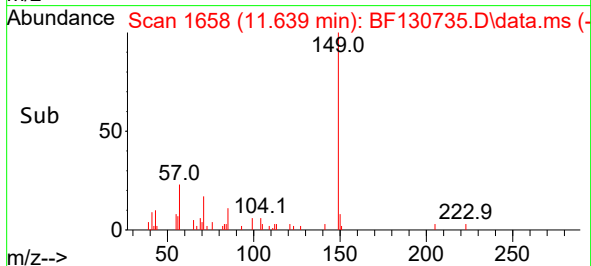
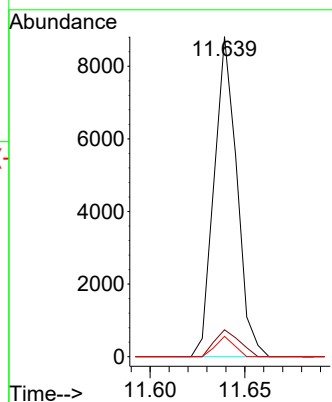
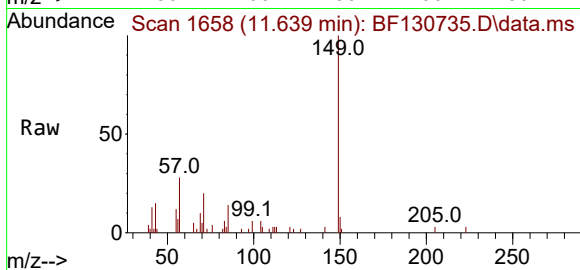
Tgt Ion:149 Resp: 7372

Ion Ratio Lower Upper

149 100

150 8.4 7.2 10.8

104 6.3 3.8 5.8#



#75

Fluoranthene

Concen: 0.178 ng

RT: 12.292 min Scan# 1769

Delta R.T. 0.012 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

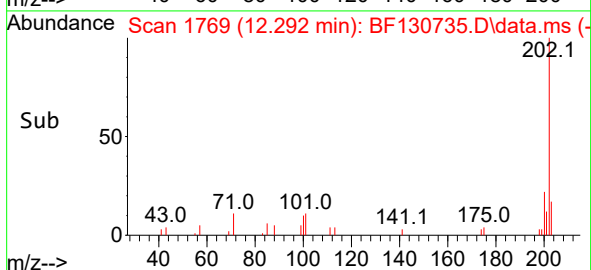
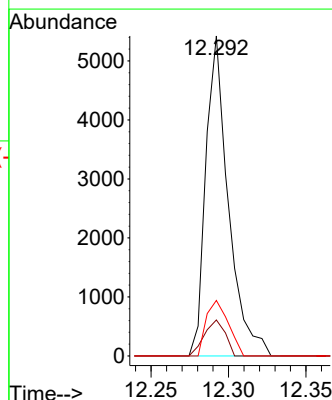
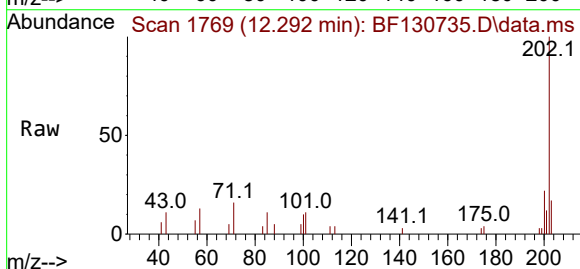
Tgt Ion:202 Resp: 5490

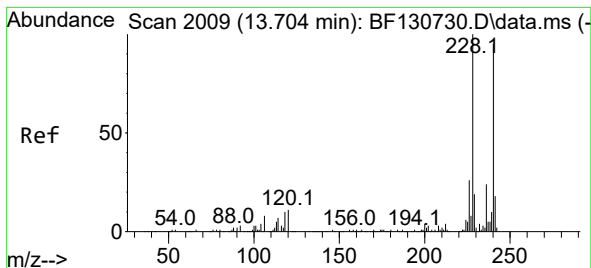
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.0

203 17.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.704 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

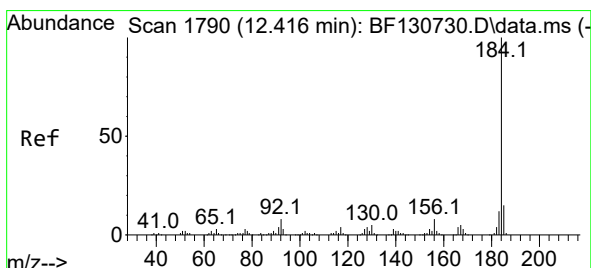
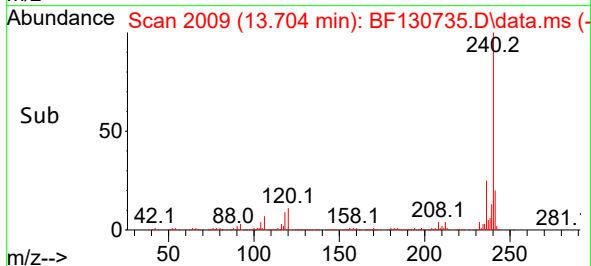
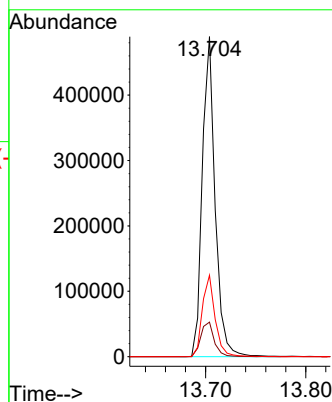
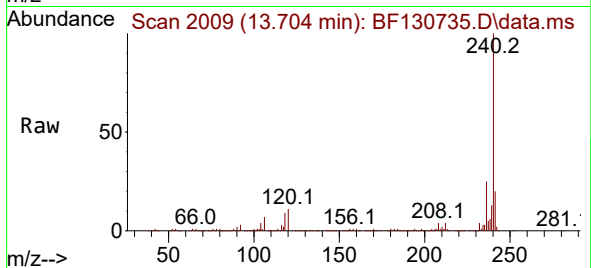
Tgt Ion:240 Resp: 435977

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

236 25.5 20.2 30.2



#77

Benzidine

Concen: Below Cal

RT: 12.439 min Scan# 1794

Delta R.T. 0.023 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

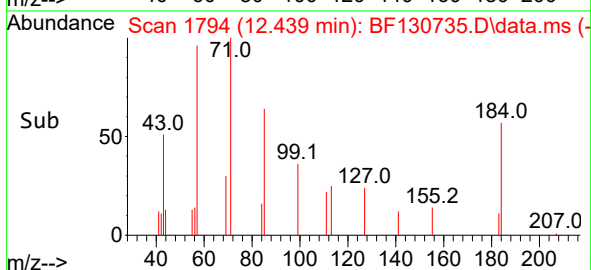
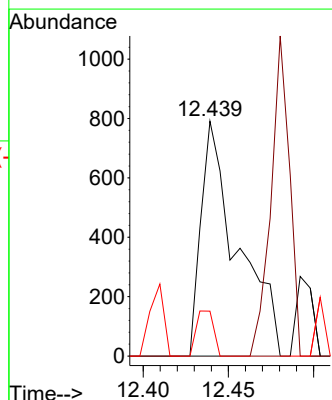
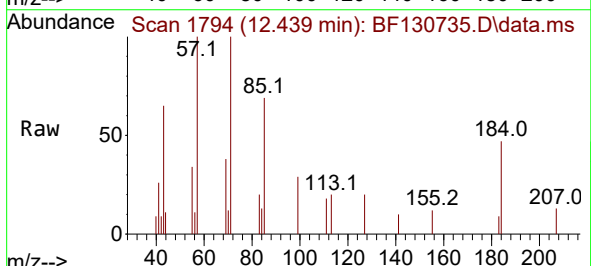
Tgt Ion:184 Resp: 1178

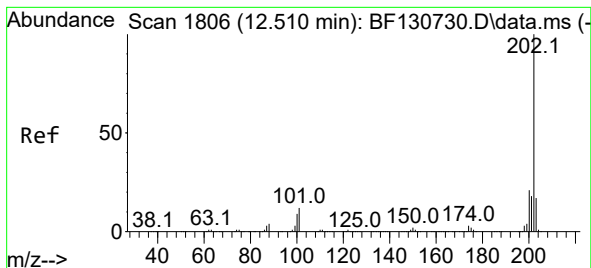
Ion Ratio Lower Upper

184 100

185 0.0 12.4 18.6#

183 19.1 9.3 13.9#





#78

Pyrene

Concen: 0.159 ng

RT: 12.516 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

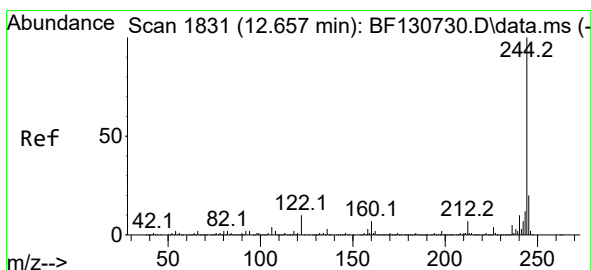
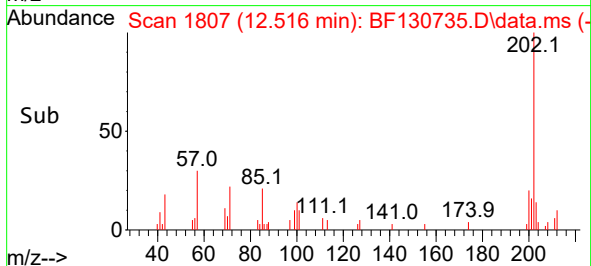
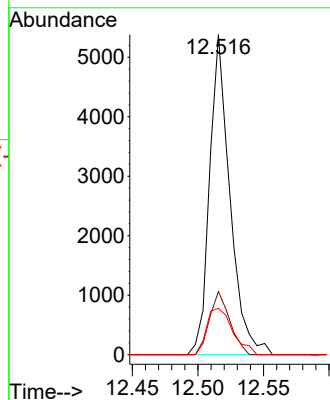
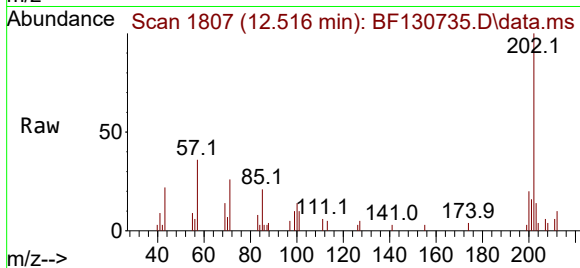
Tgt Ion:202 Resp: 5810

Ion Ratio Lower Upper

202 100

200 19.8 16.8 25.2

203 14.5 13.8 20.8



#79

Terphenyl-d14

Concen: 63.882 ng

RT: 12.663 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

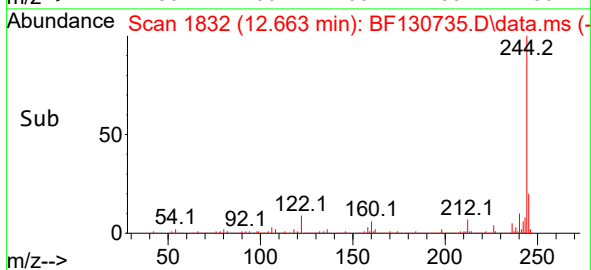
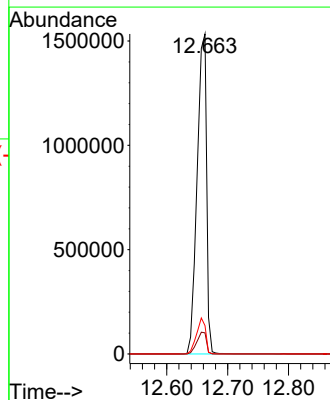
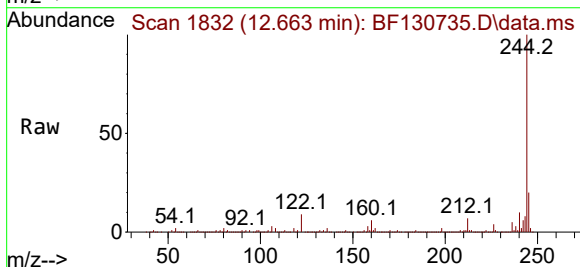
Tgt Ion:244 Resp: 1652715

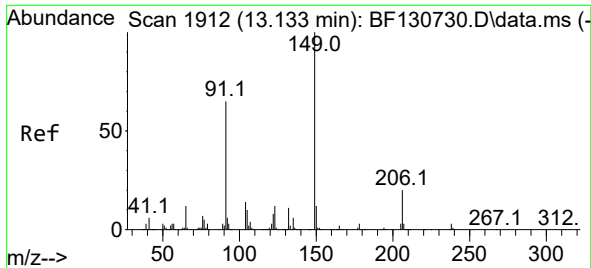
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 8.9 8.2 12.4

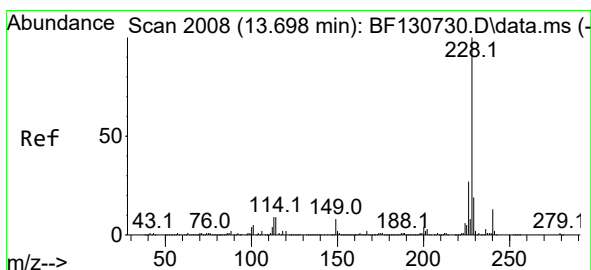
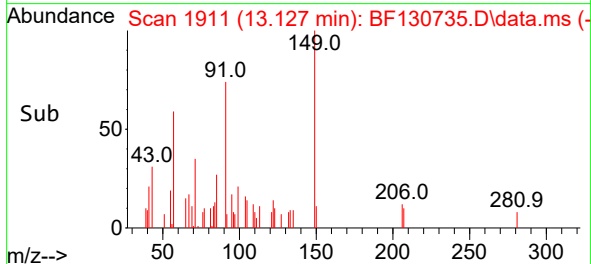
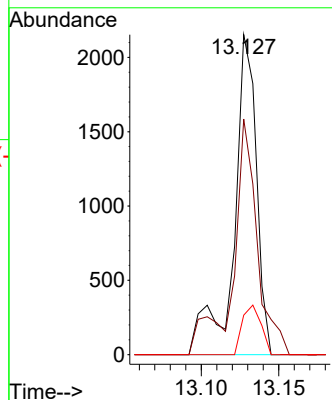
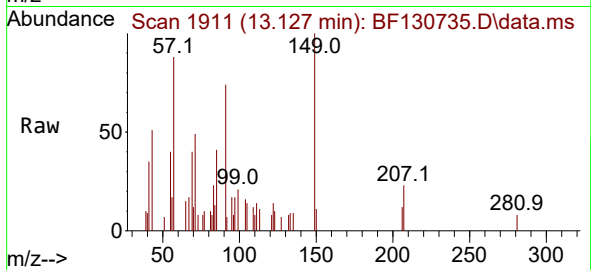




#80
Butylbenzylphthalate
Concen: 0.149 ng
RT: 13.127 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

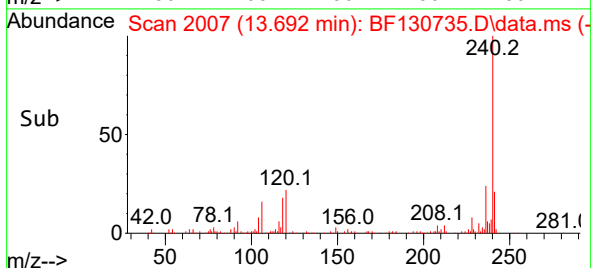
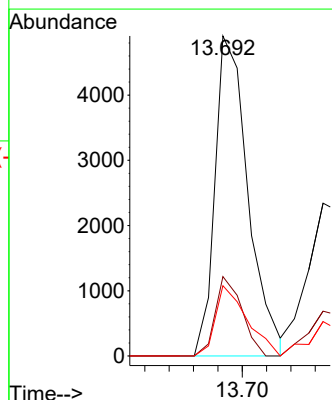
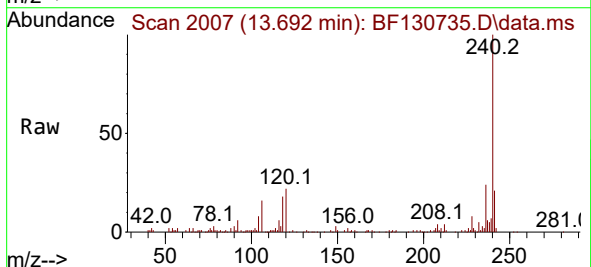
Instrument :
BNA_F
ClientSampleId :
PB148422BL

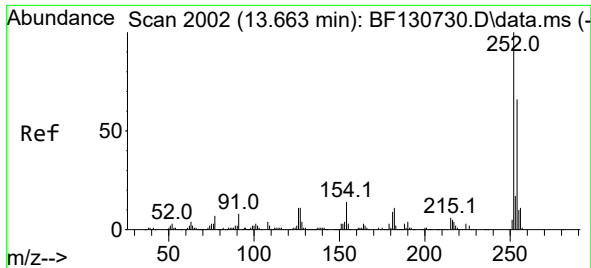
Tgt Ion:149 Resp: 2168
Ion Ratio Lower Upper
149 100
91 73.7 52.3 78.5
206 12.4 16.3 24.5#



#81
Benzo(a)anthracene
Concen: 0.159 ng
RT: 13.692 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:228 Resp: 4635
Ion Ratio Lower Upper
228 100
226 24.8 21.8 32.8
229 21.9 15.4 23.2

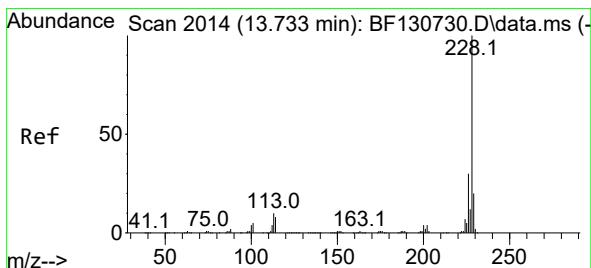
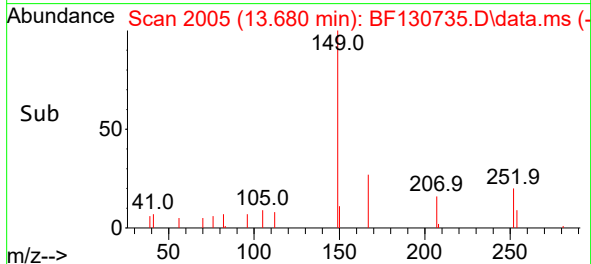
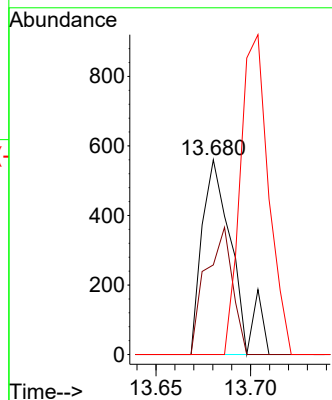
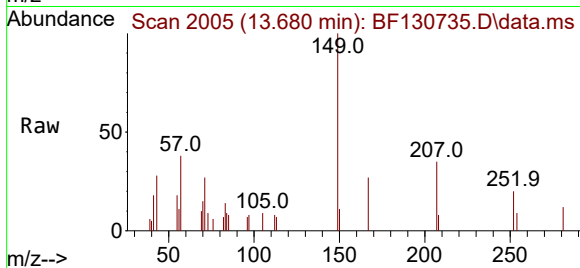




#82
 3,3'-Dichlorobenzidine
 Concen: 0.075 ng
 RT: 13.680 min Scan# 2005
 Delta R.T. 0.018 min
 Lab File: BF130735.D
 Acq: 20 Oct 2022 19:47

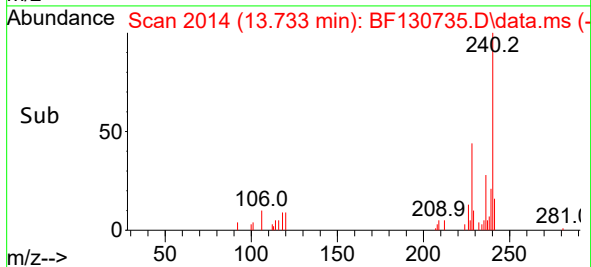
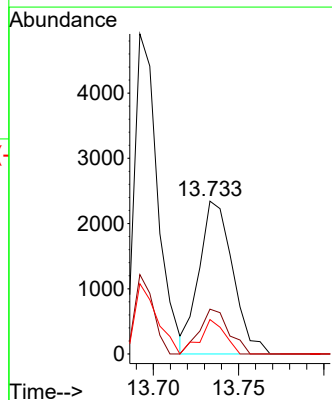
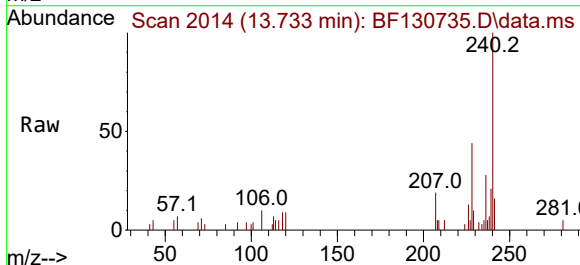
Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL

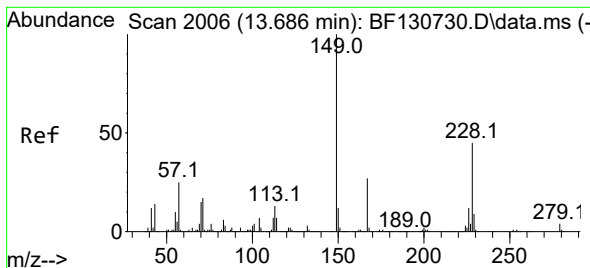
Tgt Ion:252 Resp: 634
 Ion Ratio Lower Upper
 252 100
 254 46.1 52.4 78.6#
 126 0.0 9.0 13.4#



#83
 Chrysene
 Concen: 0.114 ng
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: BF130735.D
 Acq: 20 Oct 2022 19:47

Tgt Ion:228 Resp: 3216
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.6 35.4
 229 22.5 15.8 23.6

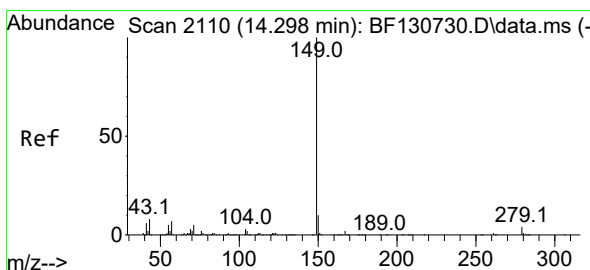
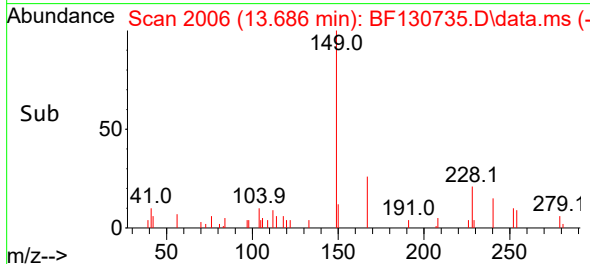
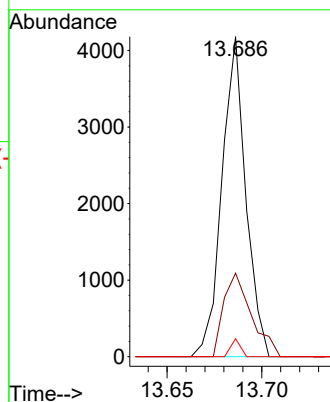
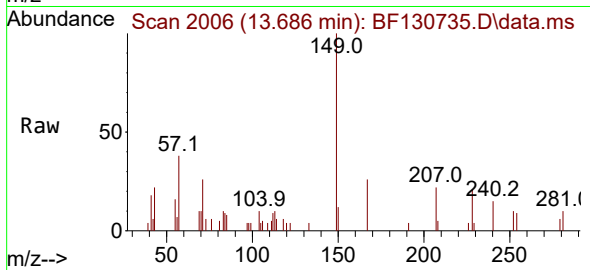




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.213 ng
RT: 13.686 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

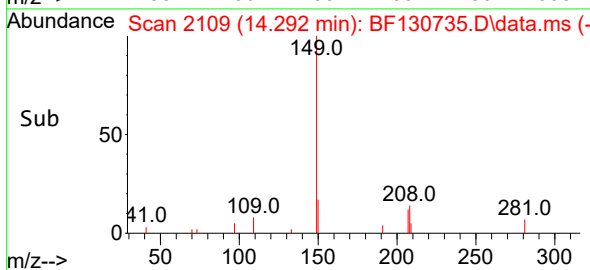
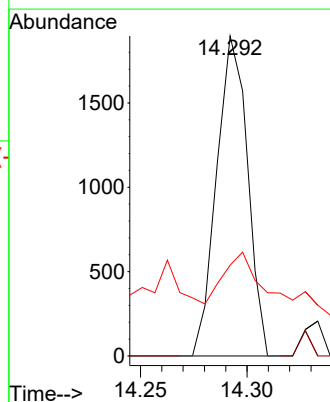
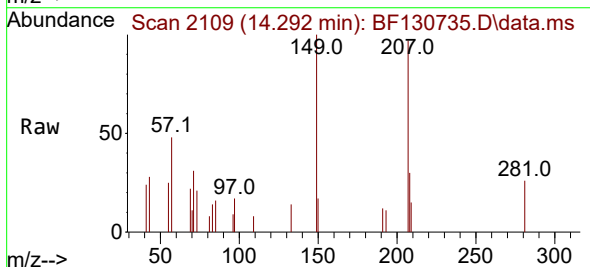
Instrument :
BNA_F
ClientSampleId :
PB148422BL

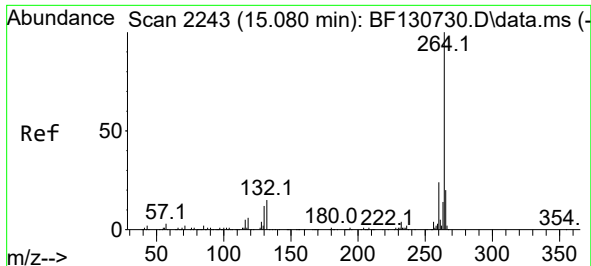
Tgt Ion:149 Resp: 3661
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 5.6 3.4 5.0#



#85
Di-n-octyl phthalate
Concen: 0.084 ng
RT: 14.292 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:149 Resp: 1915
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 37.5 7.0 10.4#

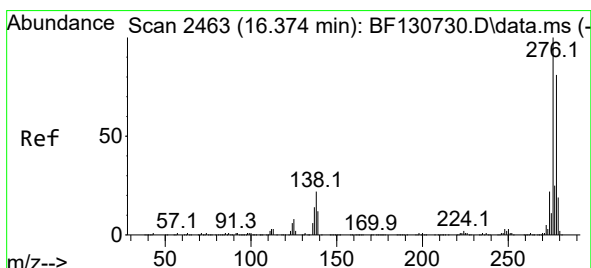
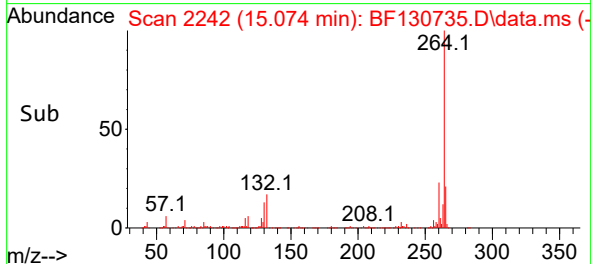
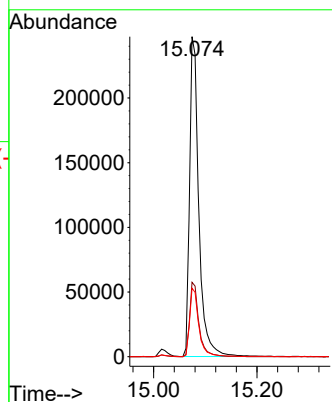
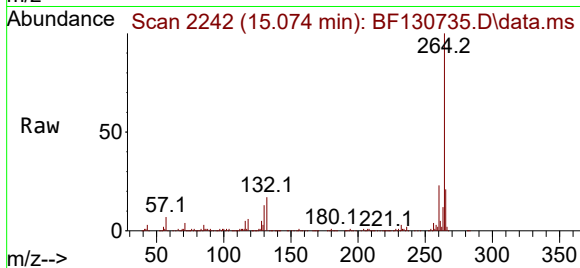




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

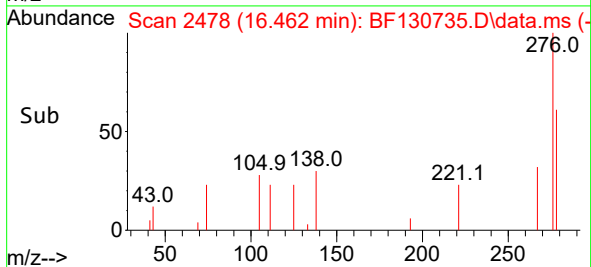
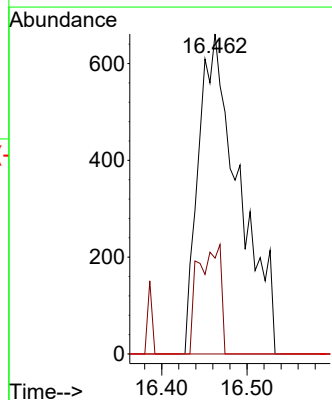
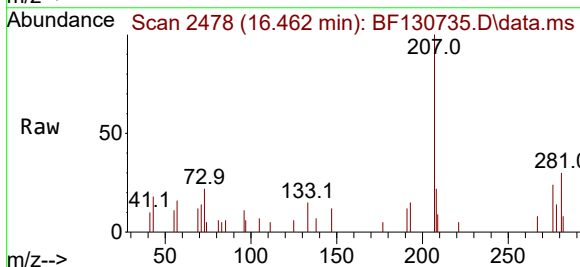
Instrument :
BNA_F
ClientSampleId :
PB148422BL

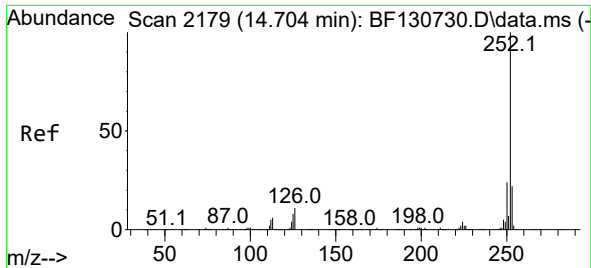
Tgt Ion:264 Resp: 305547
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.4 16.2 24.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng
RT: 16.462 min Scan# 2478
Delta R.T. 0.088 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

Tgt Ion:276 Resp: 2186
Ion Ratio Lower Upper
276 100
138 19.0 17.2 25.8
277 0.0 20.1 30.1#





#88

Benzo(b)fluoranthene

Concen: 0.115 ng

RT: 14.727 min Scan# 2183

Delta R.T. 0.024 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

Instrument :

BNA_F

ClientSampleId :

PB148422BL

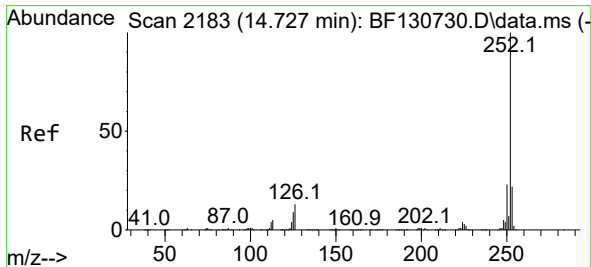
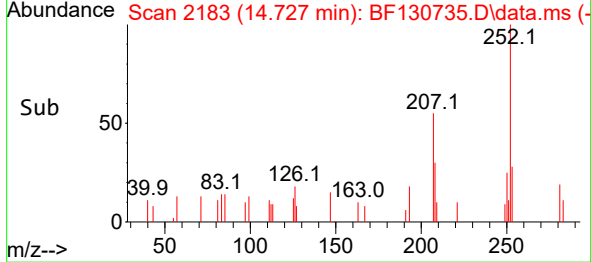
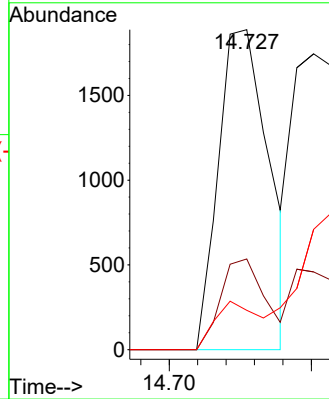
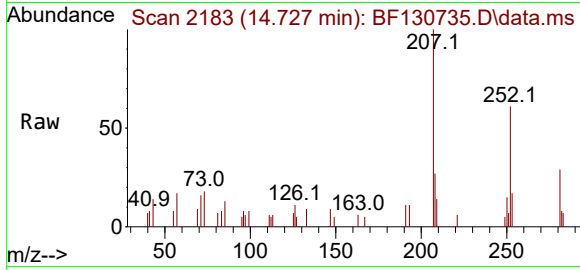
Tgt Ion:252 Resp: 2334

Ion Ratio Lower Upper

252 100

253 28.3 17.4 26.0#

125 12.3 6.4 9.6#



#89

Benzo(k)fluoranthene

Concen: 0.114 ng

RT: 14.727 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF130735.D

Acq: 20 Oct 2022 19:47

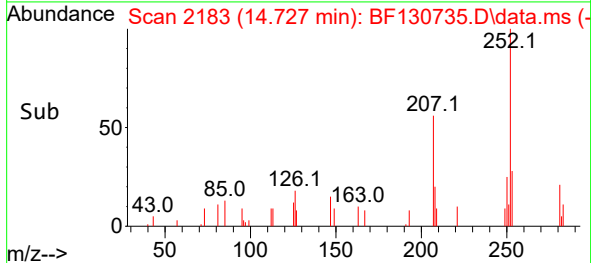
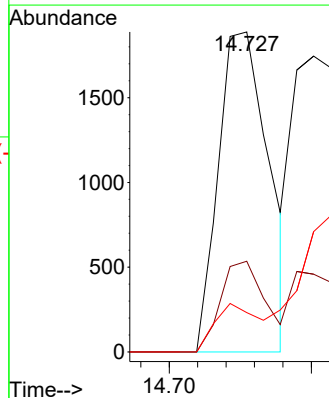
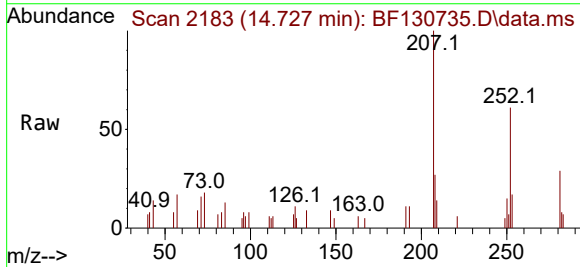
Tgt Ion:252 Resp: 2334

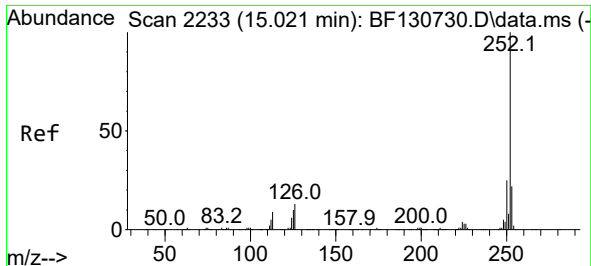
Ion Ratio Lower Upper

252 100

253 28.3 17.7 26.5#

125 12.3 7.2 10.8#

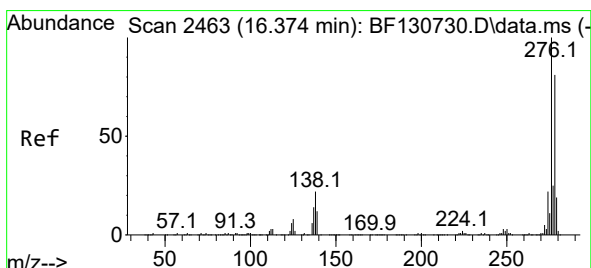
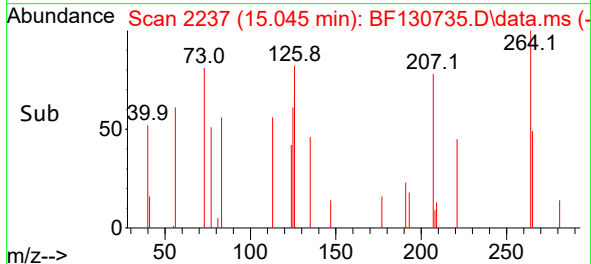
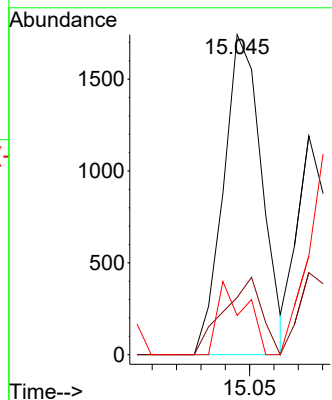
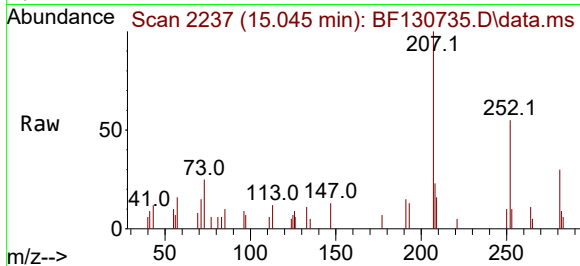




#90
Benzo(a)pyrene
Concen: 0.117 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

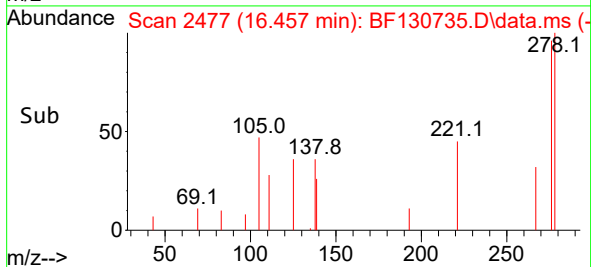
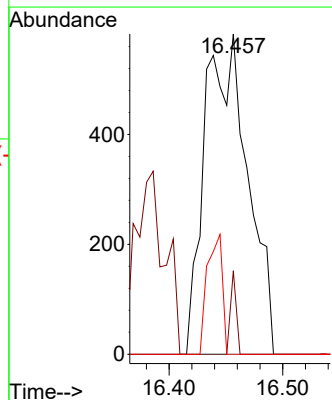
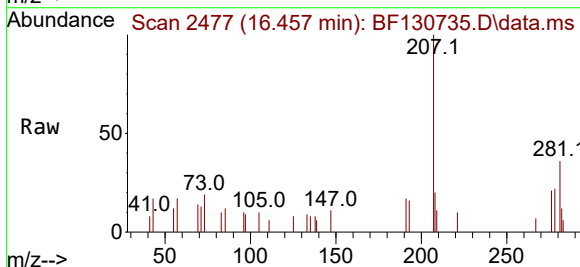
Instrument :
BNA_F
ClientSampleId :
PB148422BL

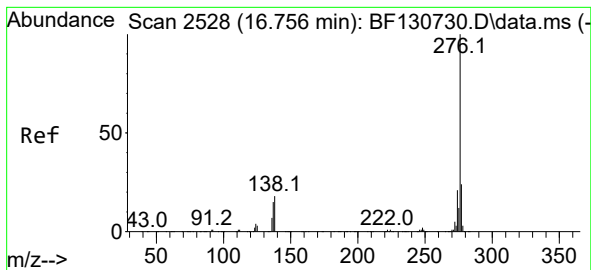
Tgt Ion:252 Resp: 1908
Ion Ratio Lower Upper
252 100
253 17.9 17.4 26.0
125 12.3 8.3 12.5



#91
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 16.457 min Scan# 2477
Delta R.T. 0.082 min
Lab File: BF130735.D
Acq: 20 Oct 2022 19:47

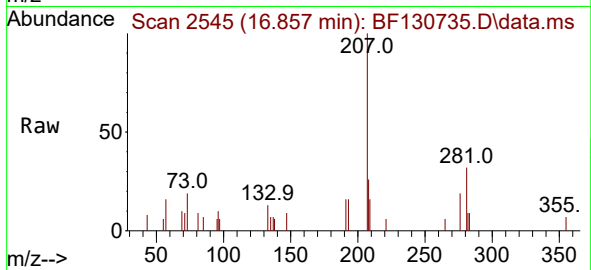
Tgt Ion:278 Resp: 1538
Ion Ratio Lower Upper
278 100
139 26.1 11.4 17.0#
279 0.0 18.4 27.6#





#92
 Benzo(g,h,i)perylene
 Concen: 0.053 ng
 RT: 16.857 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: BF130735.D
 Acq: 20 Oct 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BL



Tgt Ion:	276	Resp:	968
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.1	28.7#
138	29.5	14.2	21.2#

