

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133676.D
 Acq On : 09 Jun 2023 15:15
 Operator : CG\JU
 Sample : 03051-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251580

Quant Time: Jun 09 15:59:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	85208	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	326617	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	158316	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	287314	20.000	ng	0.00
76) Chrysene-d12	14.010	240	151446	20.000	ng	0.00
86) Perylene-d12	15.474	264	152970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	562015	114.826	ng	0.00
7) Phenol-d6	6.463	99	694481	109.007	ng	0.00
23) Nitrobenzene-d5	7.398	82	472565	78.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	206234	102.911	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	839308	75.361	ng	0.00
79) Terphenyl-d14	12.957	244	769460	78.617	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.616	79	54	0.009	ng	# 15
6) Aniline	6.492	93	59	0.007	ng	# 11
9) Benzaldehyde	6.381	77	214	0.051	ng	# 60
10) Phenol	6.475	94	928	0.139	ng	# 1
11) bis(2-Chloroethyl)ether	6.592	93	56	0.011	ng	# 18
15) Benzyl Alcohol	6.834	79	2571	0.517	ng	# 31
17) 2-Methylphenol	7.328	107	69	0.015	ng	# 10
18) Hexachloroethane	7.451	117	74	0.039	ng	# 2
19) n-Nitroso-di-n-propyla...	7.398	70	68186	16.821	ng	# 78
20) 3+4-Methylphenols	7.328	107	69	0.012	ng	# 9
22) Acetophenone	7.239	105	258	0.034	ng	# 10
24) Nitrobenzene	7.445	77	61	0.010	ng	# 40
25) Isophorone	7.398	82	472555	42.924	ng	# 65
27) 2,4-Dimethylphenol	7.816	122	185	0.040	ng	# 1
28) bis(2-Chloroethoxy)met...	8.122	93	59	0.009	ng	# 1
31) Naphthalene	8.139	128	10915	0.686	ng	96
32) Benzoic acid	7.910	122	55	0.019	ng	# 1
33) 4-Chloroaniline	8.139	127	1511	0.222	ng	# 43
37) 2-Methylnaphthalene	8.828	142	4179	0.378	ng	98
38) 1-Methylnaphthalene	8.928	142	4066	0.400	ng	83
46) 1,1'-Biphenyl	9.292	154	1911	0.150	ng	82
47) 2-Chloronaphthalene	9.369	162	63	0.007	ng	# 36
48) 2-Nitroaniline	9.528	65	116	0.035	ng	# 6
49) Acenaphthylene	9.733	152	22406	1.406	ng	98
51) 2,6-Dinitrotoluene	9.875	165	20200	8.282	ng	# 28
52) Acenaphthene	9.904	154	12816	1.373	ng	97
53) 3-Nitroaniline	10.080	138	160	0.054	ng	# 6
55) Dibenzofuran	10.080	168	10087	0.708	ng	92
56) 4-Nitrophenol	10.080	139	4502	2.247	ng	# 11
57) 2,4-Dinitrotoluene	9.875	165	20200	6.512	ng	# 20
58) Fluorene	10.422	166	14590	1.340	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	160	0.057	ng	# 14
60) Diethylphthalate	10.292	149	404	0.034	ng	# 69
62) 4-Nitroaniline	10.422	138	176	0.060	ng	# 16
63) Azobenzene	10.586	77	28548	2.507	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.663	198	426	0.310	ng	# 1

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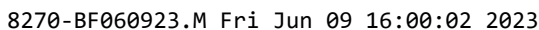
Instrument :
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 RBR-251580

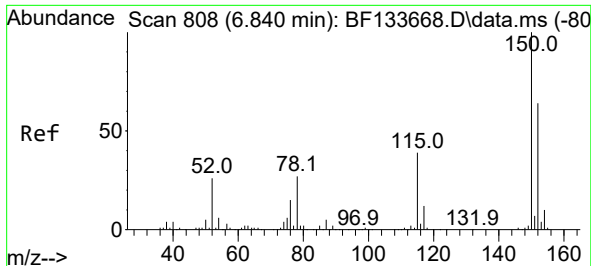
Quant Time: Jun 09 15:59:57 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	10.533	169	882	0.091	ng	# 46
67) 4-Bromophenyl-phenylether	10.669	248	12673	3.952	ng	# 1
69) Atrazine	11.163	200	1744	0.623	ng	# 35
70) Pentachlorophenol	11.163	266	9170	4.541	ng	97
71) Phenanthrene	11.386	178	171484	11.764	ng	99
72) Anthracene	11.439	178	28301	1.862	ng	99
73) Carbazole	11.592	167	16395	1.158	ng	96
74) Di-n-butylphthalate	11.927	149	3139	0.173	ng	# 97
75) Fluoranthene	12.580	202	340297	21.984	ng	100
77) Benzidine	12.669	184	547	0.108	ng	# 25
78) Pyrene	12.810	202	298030	21.125	ng	99
80) Butylbenzylphthalate	13.427	149	760	0.128	ng	# 75
81) Benzo(a)anthracene	14.033	228	132573	12.655	ng	94
82) 3,3'-Dichlorobenzidine	13.963	252	457	0.131	ng	# 55
83) Chrysene	14.033	228	132573	13.380	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	27064	3.691	ng	97
85) Di-n-octyl phthalate	14.604	149	8024	0.770	ng	# 74
87) Indeno(1,2,3-cd)pyrene	16.933	276	93749	8.908	ng	96
88) Benzo(b)fluoranthene	15.045	252	276928	29.802	ng	96
89) Benzo(k)fluoranthene	15.045	252	276928	30.594	ng	96
90) Benzo(a)pyrene	15.410	252	131047	15.196	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	15174	1.742	ng	96
92) Benzo(g,h,i)perylene	17.374	276	83222	9.634	ng	98

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

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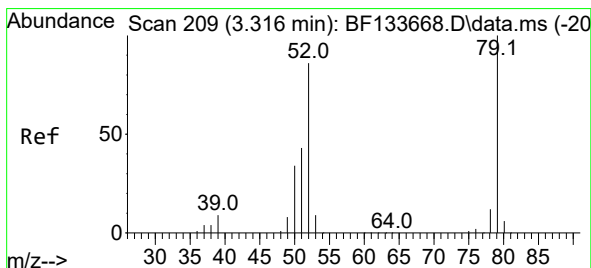
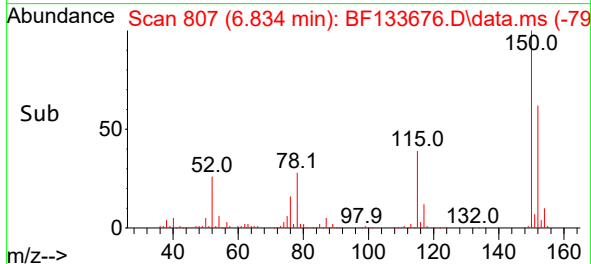
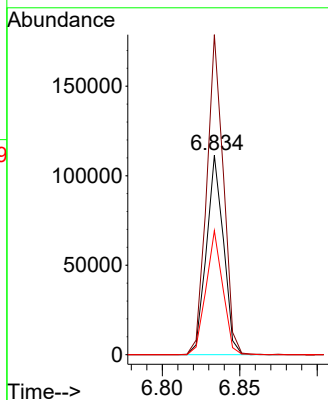
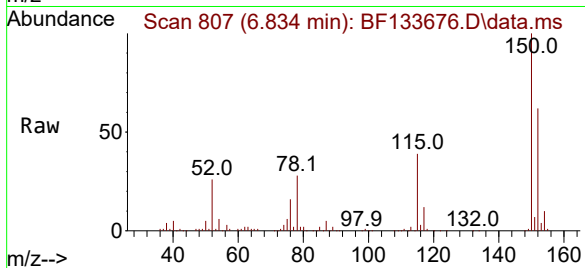




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

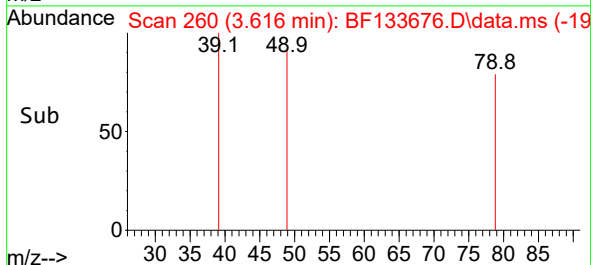
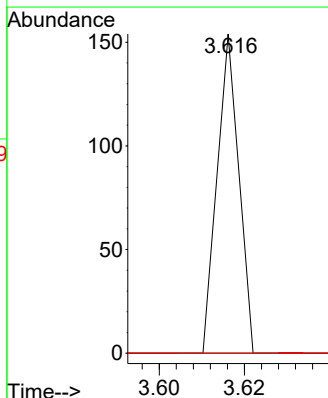
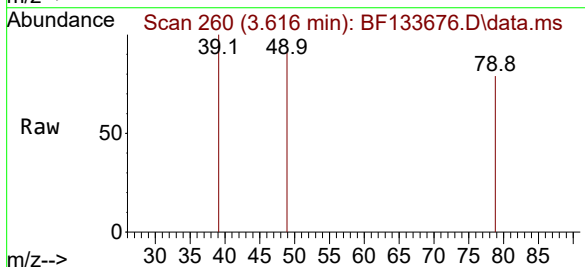
Instrument :
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RBR-251580

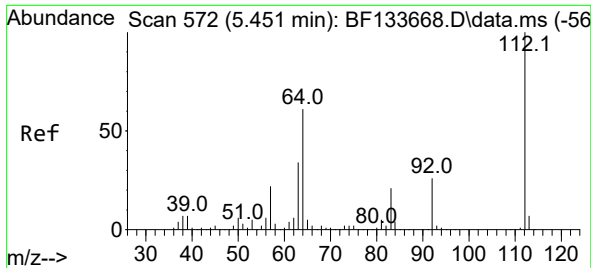
Tgt Ion:152 Resp: 85208
Ion Ratio Lower Upper
152 100
150 160.5 124.3 186.5
115 62.2 48.5 72.7



#3
Pyridine
Concen: 0.009 ng
RT: 3.616 min Scan# 260
Delta R.T. 0.300 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 79 Resp: 54
Ion Ratio Lower Upper
79 100
52 0.0 68.6 102.8#
51 0.0 34.8 52.2#

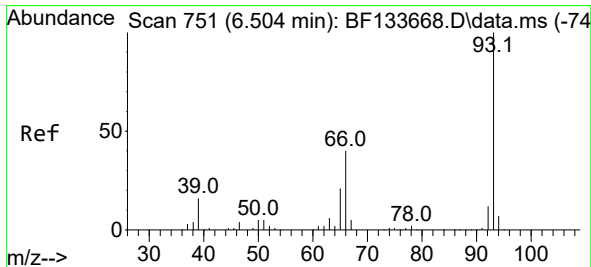
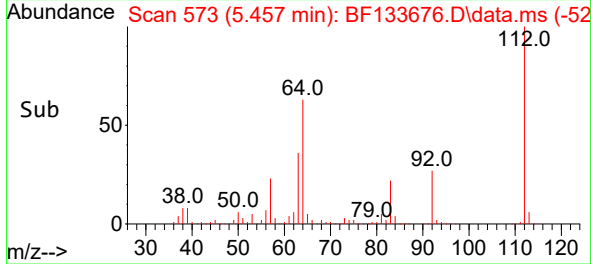
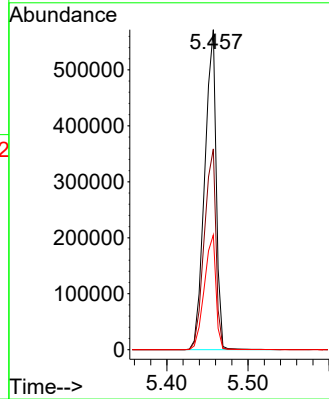
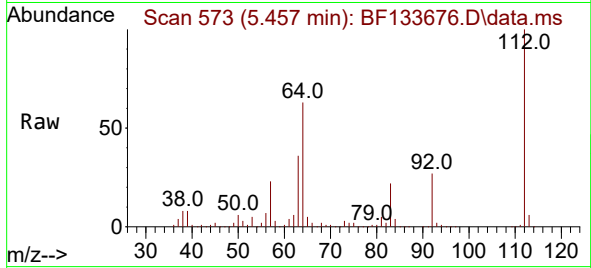




#5
2-Fluorophenol
Concen: 114.826 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

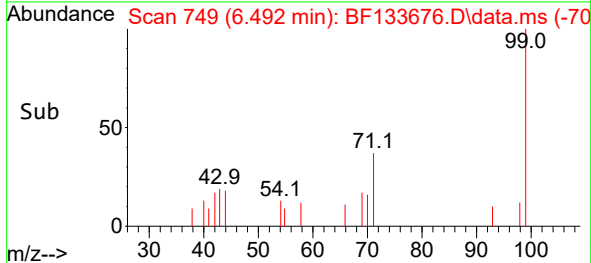
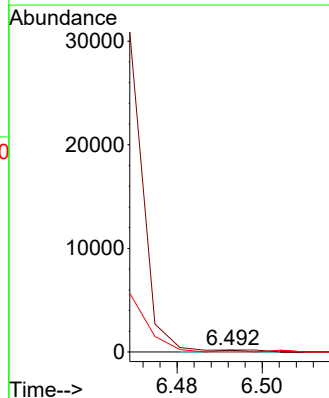
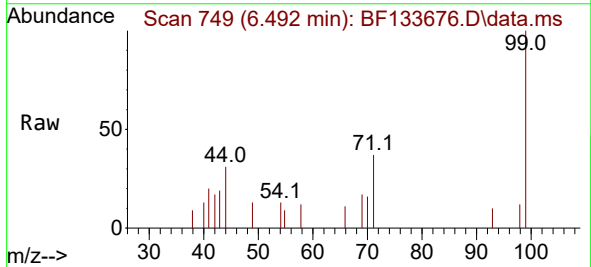
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ClientSampleId :
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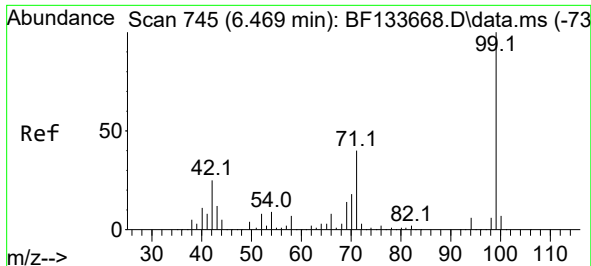
Tgt Ion:112 Resp: 562015
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 35.9 26.8 40.2



#6
Aniline
Concen: 0.007 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 93 Resp: 59
Ion Ratio Lower Upper
93 100
66 113.8 34.4 51.6#
65 0.0 17.5 26.3#

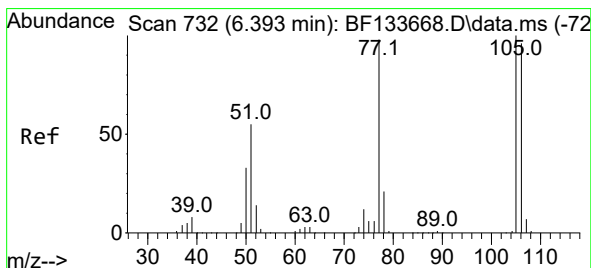
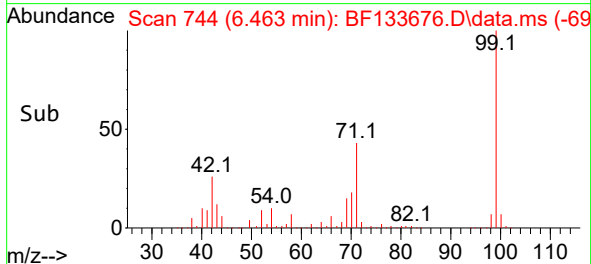
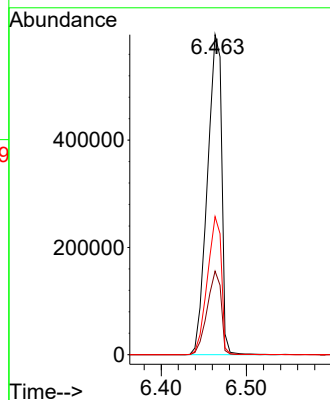
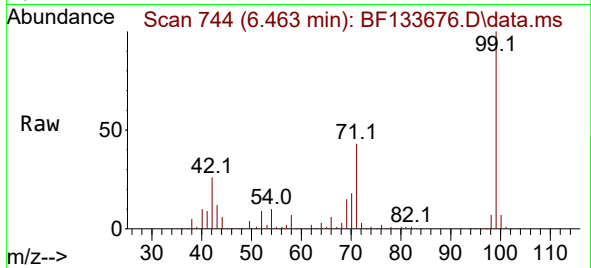




#7
Phenol-d6
Concen: 109.007 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

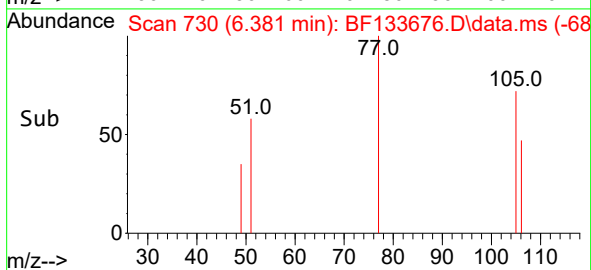
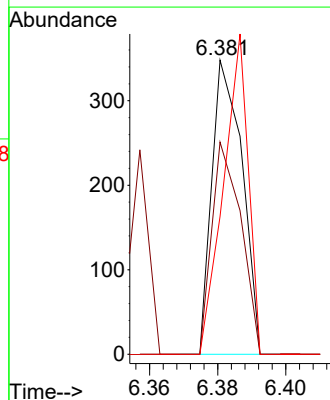
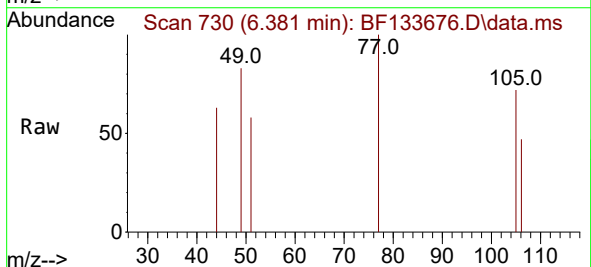
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ClientSampleId :
RBR-251580

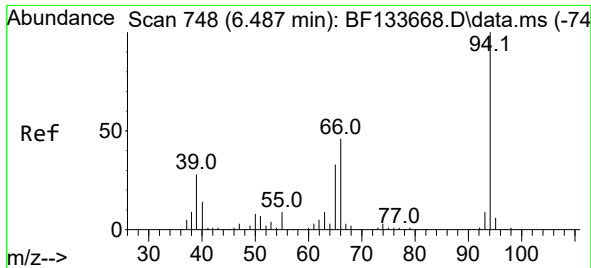
Tgt Ion: 99 Resp: 694481
Ion Ratio Lower Upper
99 100
42 26.1 19.9 29.9
71 43.1 32.2 48.4



#9
Benzaldehyde
Concen: 0.051 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 77 Resp: 214
Ion Ratio Lower Upper
77 100
105 72.1 82.0 122.0#
106 46.8 77.6 117.6#





#10

Phenol

Concen: 0.139 ng

RT: 6.475 min Scan# 748

Delta R.T. -0.012 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

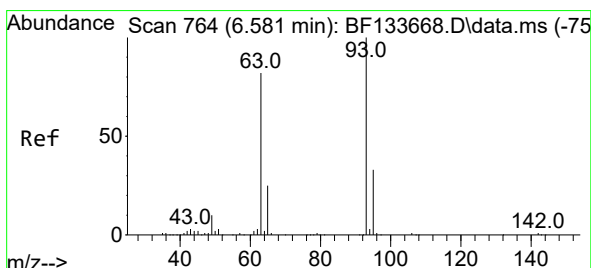
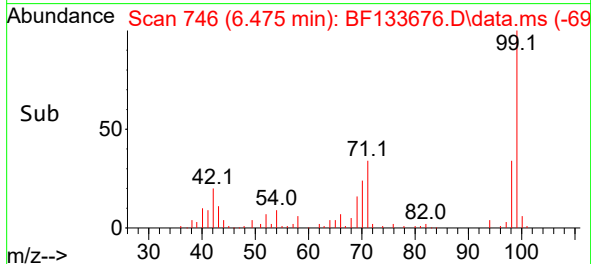
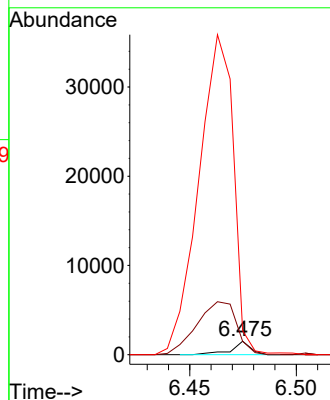
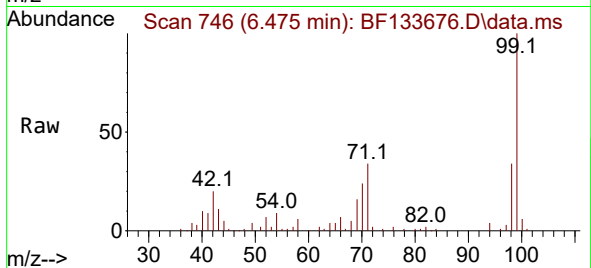
Tgt Ion: 94 Resp: 928

Ion Ratio Lower Upper

94 100

65 99.8 13.2 53.2#

66 178.6 26.1 66.1#



#11

bis(2-Chloroethyl)ether

Concen: 0.011 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.012 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

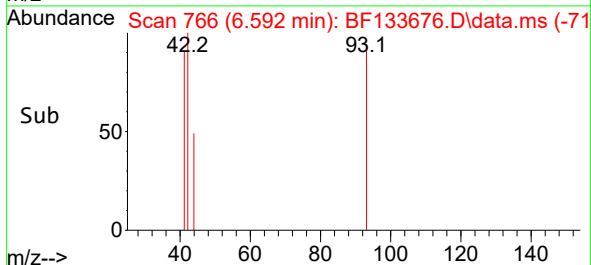
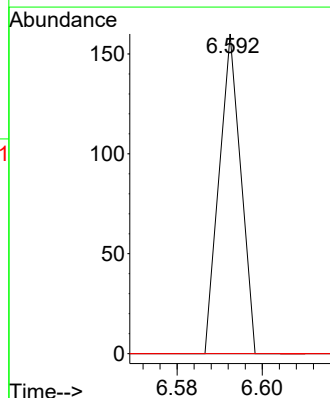
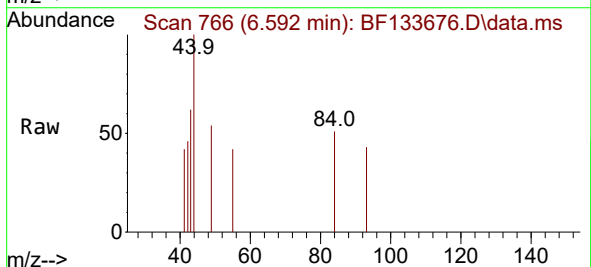
Tgt Ion: 93 Resp: 56

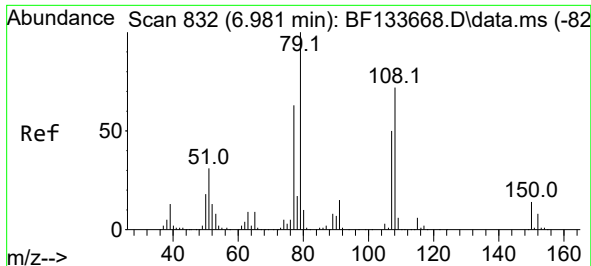
Ion Ratio Lower Upper

93 100

63 0.0 62.1 102.1#

95 0.0 13.0 53.0#

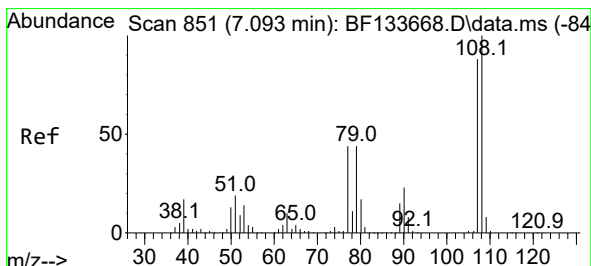
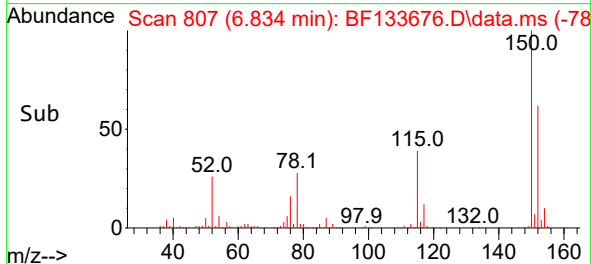
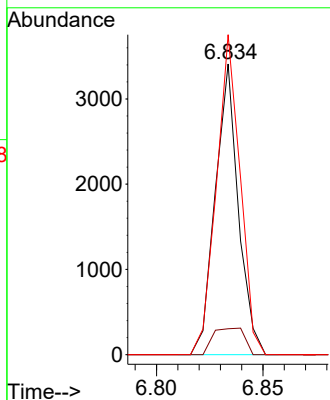
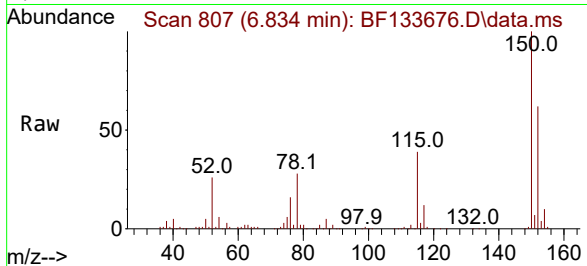




#15
Benzyl Alcohol
Concen: 0.517 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.147 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

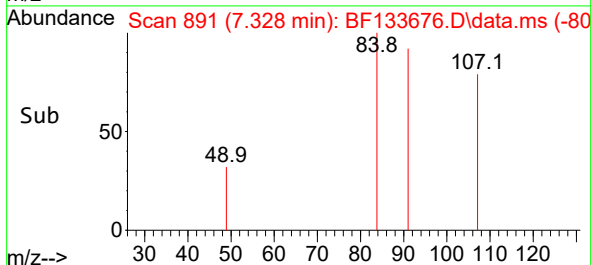
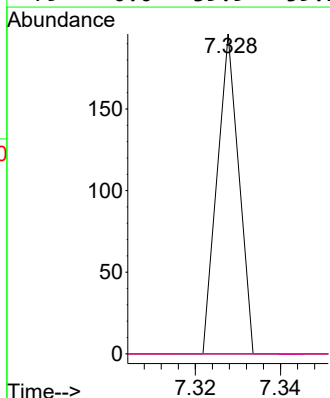
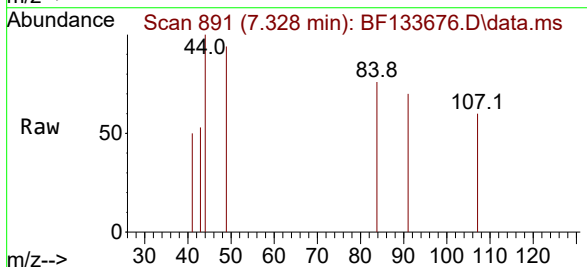
Instrument :
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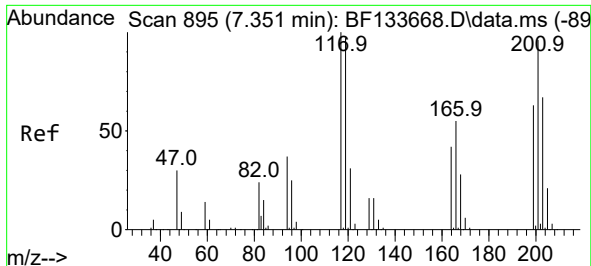
Tgt Ion: 79 Resp: 2571
Ion Ratio Lower Upper
79 100
108 8.9 57.9 86.9#
77 110.1 50.4 75.6#



#17
2-Methylphenol
Concen: 0.015 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.235 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 107 Resp: 69
Ion Ratio Lower Upper
107 100
108 0.0 90.9 136.3#
77 0.0 39.8 59.6#
79 0.0 39.9 59.9#

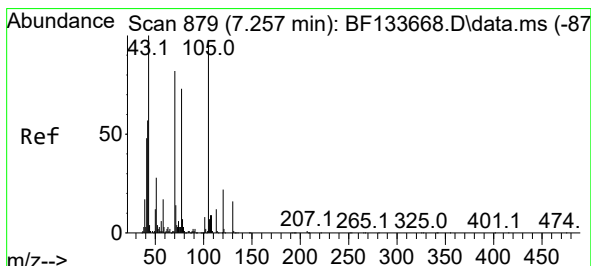
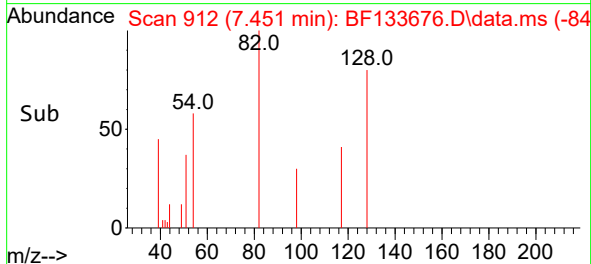
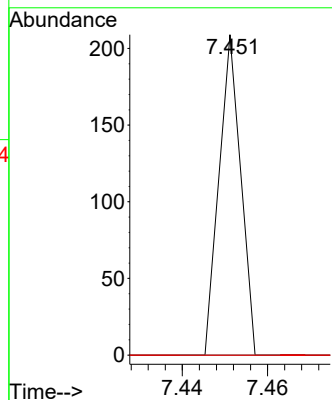
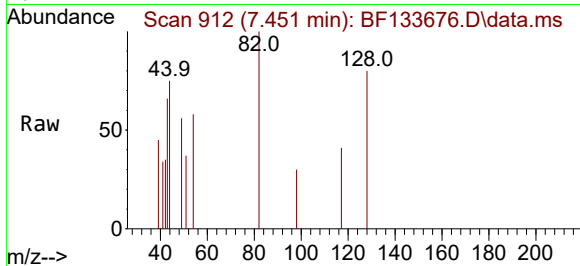




#18
Hexachloroethane
Concen: 0.039 ng
RT: 7.451 min Scan# 91
Delta R.T. 0.100 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

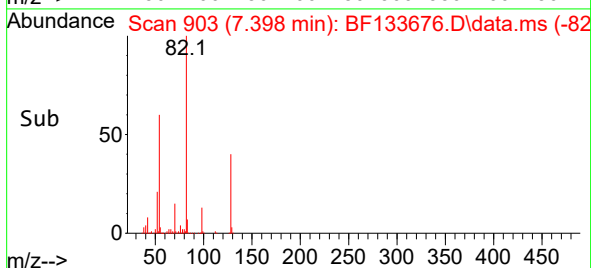
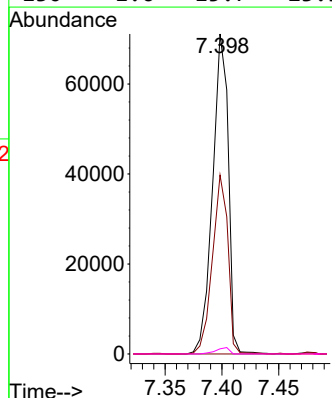
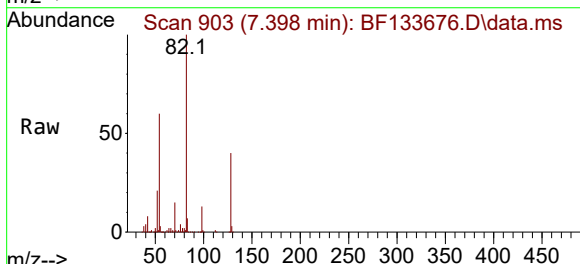
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ClientSampleId :
RBR-251580

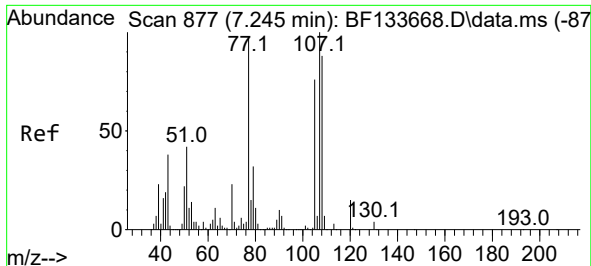
Tgt Ion:117 Resp: 74
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
201 0.0 76.8 115.2#



#19
n-Nitroso-di-n-propylamine
Concen: 16.821 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 70 Resp: 68186
Ion Ratio Lower Upper
70 100
42 55.9 55.8 83.8
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#

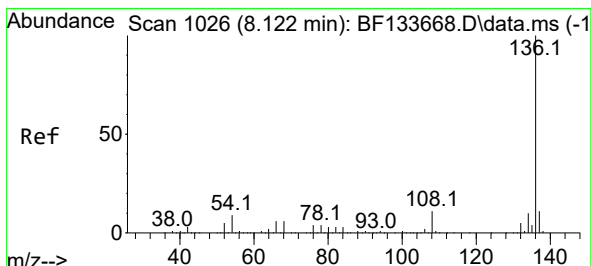
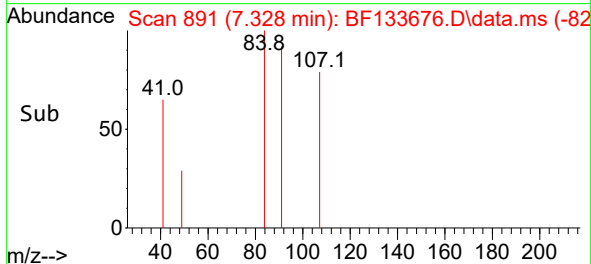
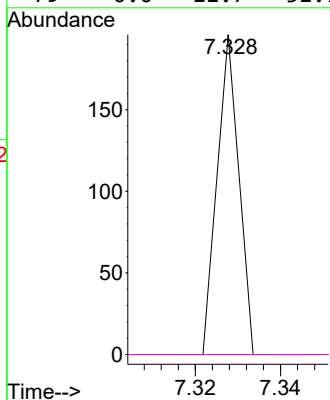
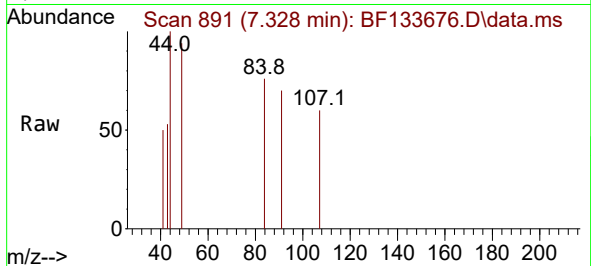




#20
3+4-Methylphenols
Concen: 0.012 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.083 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

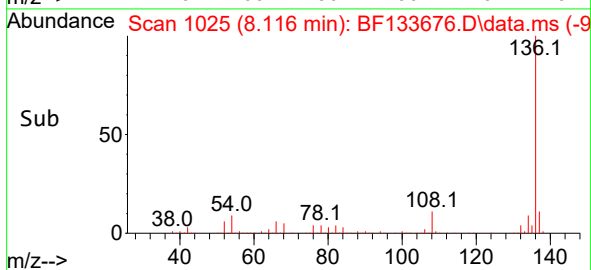
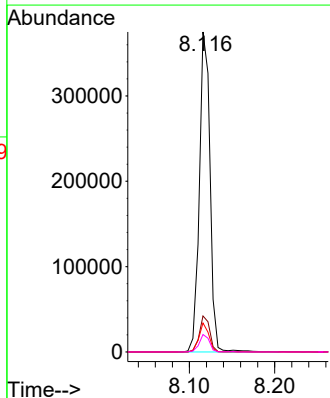
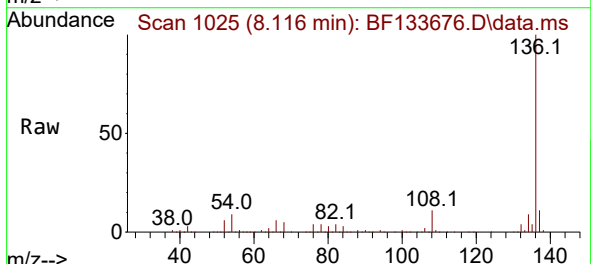
Instrument :
BNA_F
ClientSampleId :
RBR-251580

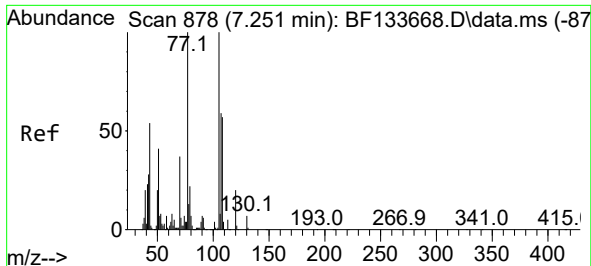
Tgt Ion:107 Resp: 69
Ion Ratio Lower Upper
107 100
108 0.0 67.9 107.9#
77 0.0 77.7 117.7#
79 0.0 11.7 51.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

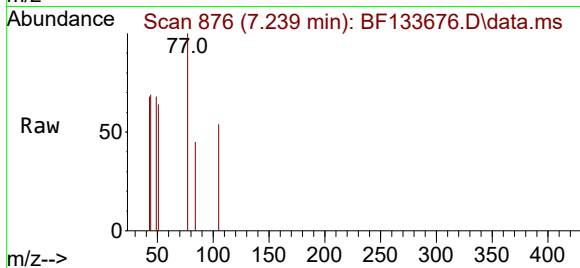
Tgt Ion:136 Resp: 326617
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.0 7.4 11.0
68 5.4 4.4 6.6



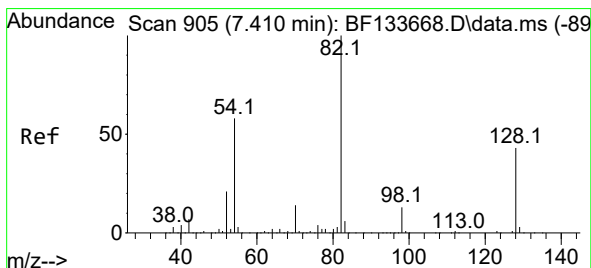
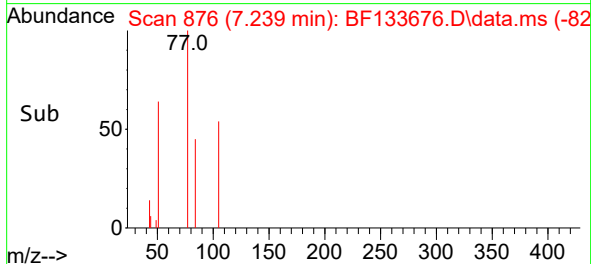
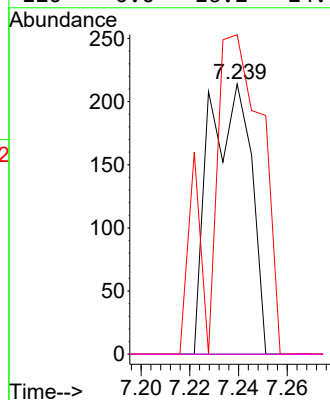


#22
Acetophenone
Concen: 0.034 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Instrument :
BNA_F
ClientSampleId :
RBR-251580

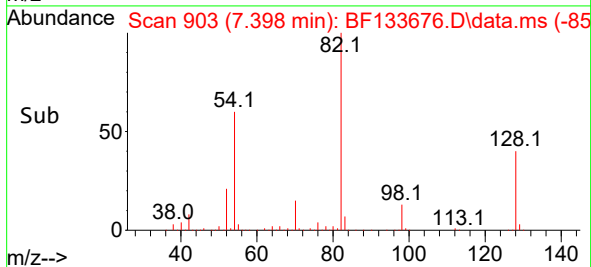
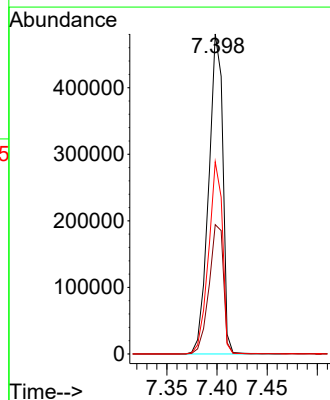
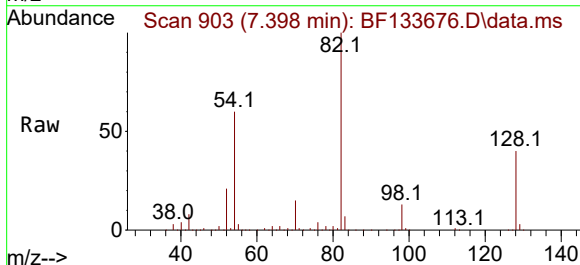


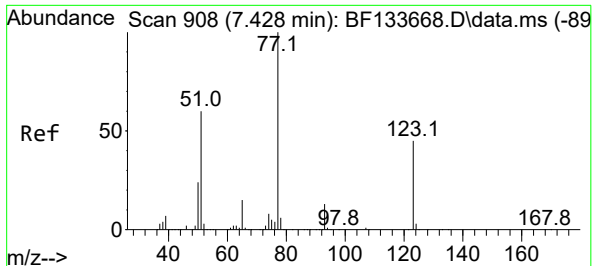
Tgt Ion: 105 Resp: 258
Ion Ratio Lower Upper
105 100
71 0.0 4.8 7.2#
51 118.2 33.0 49.4#
120 0.0 16.2 24.4#



#23
Nitrobenzene-d5
Concen: 78.805 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 82 Resp: 472565
Ion Ratio Lower Upper
82 100
128 40.4 34.2 51.2
54 60.0 46.5 69.7

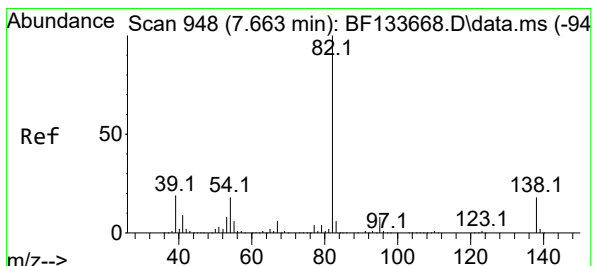
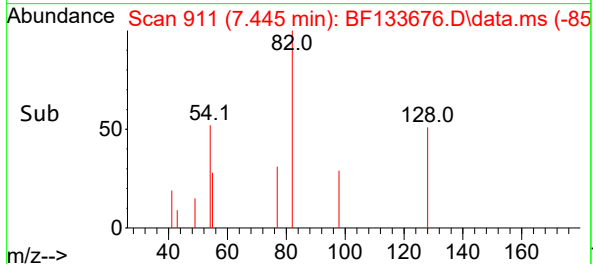
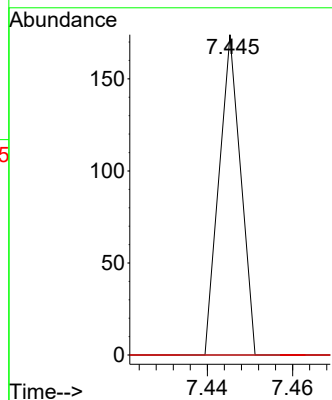
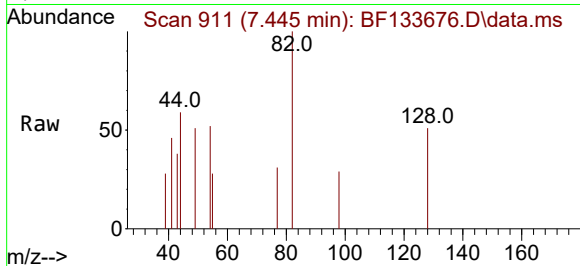




#24
Nitrobenzene
Concen: 0.010 ng
RT: 7.445 min Scan# 901
Delta R.T. 0.017 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

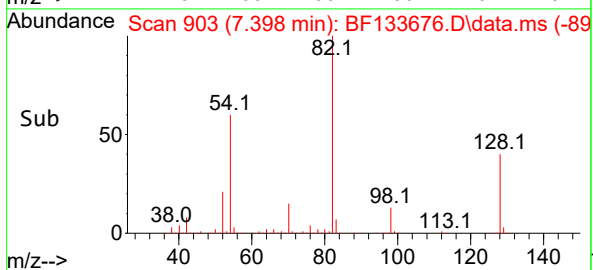
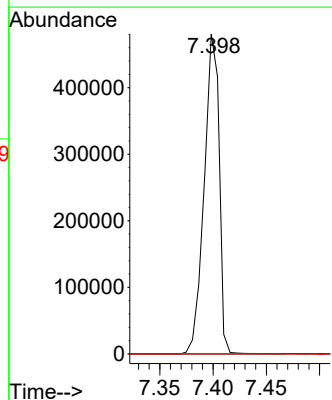
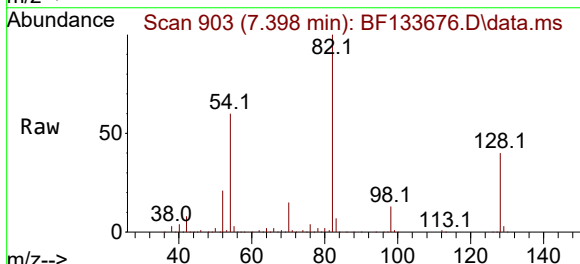
Instrument :
BNA_F
ClientSampleId :
RBR-251580

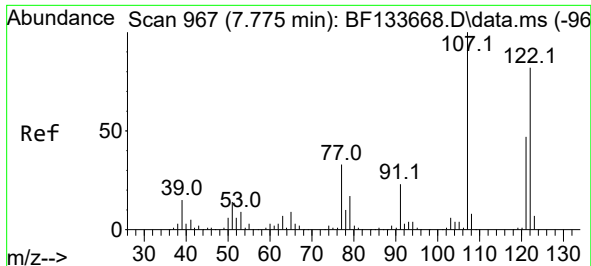
Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 0.0 11.6 17.4#



#25
Isophorone
Concen: 42.924 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 82 Resp: 472555
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#





#27

2,4-Dimethylphenol

Concen: 0.040 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.041 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

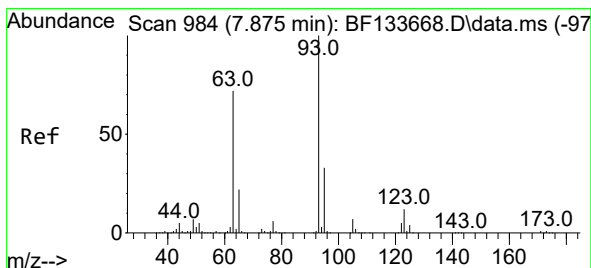
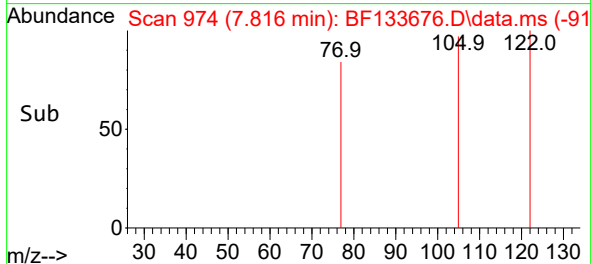
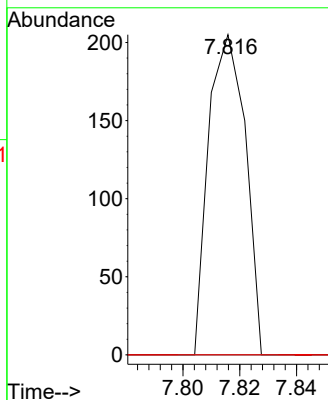
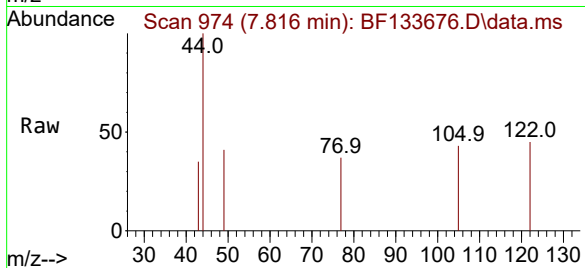
Tgt Ion:122 Resp: 185

Ion Ratio Lower Upper

122 100

107 0.0 97.8 146.6#

121 0.0 46.1 69.1#



#28

bis(2-Chloroethoxy)methane

Concen: 0.009 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.247 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

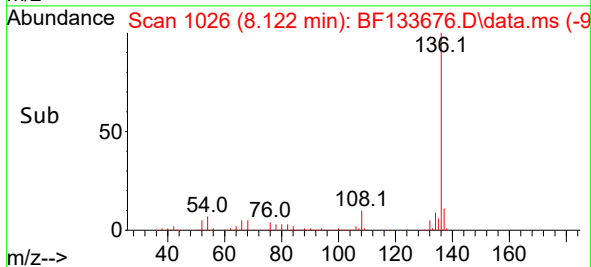
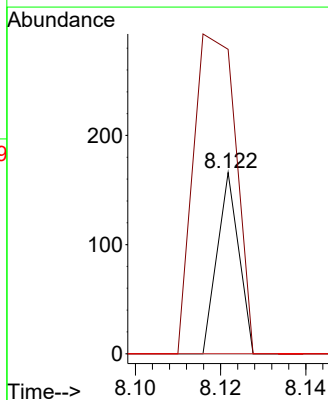
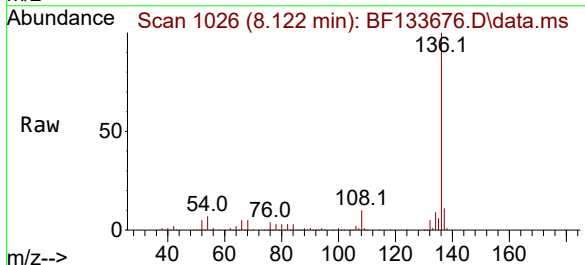
Tgt Ion: 93 Resp: 59

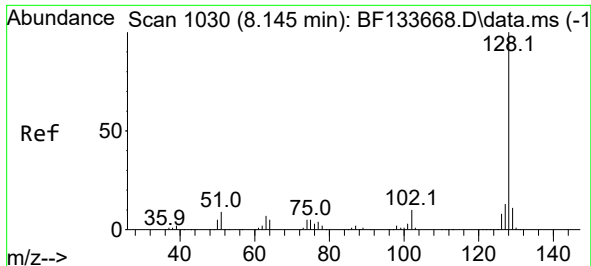
Ion Ratio Lower Upper

93 100

95 168.1 26.4 39.6#

123 0.0 9.9 14.9#





#31

Naphthalene

Concen: 0.686 ng

RT: 8.139 min Scan# 10915

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

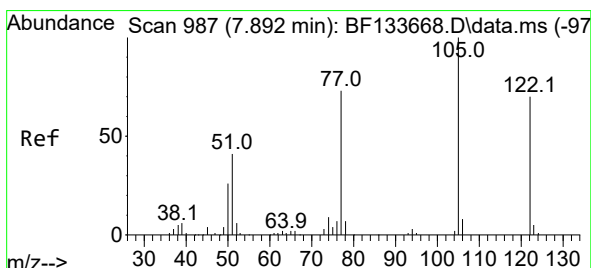
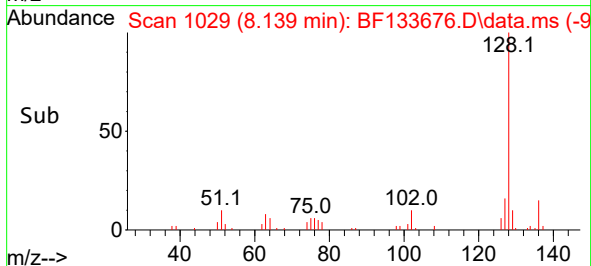
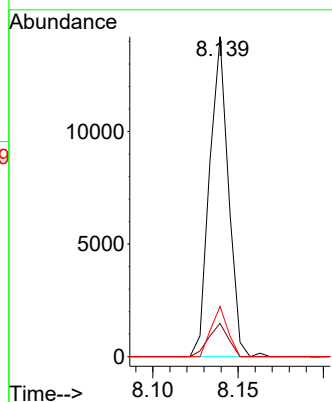
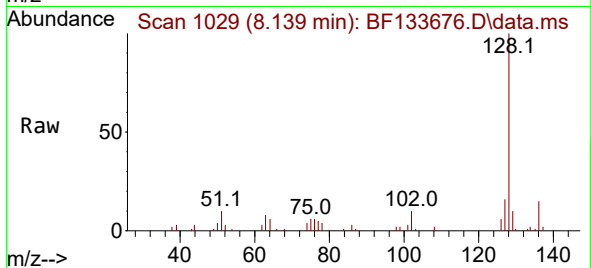
Tgt Ion:128 Resp: 10915

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 15.7 10.5 15.7



#32

Benzoic acid

Concen: 0.019 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.018 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

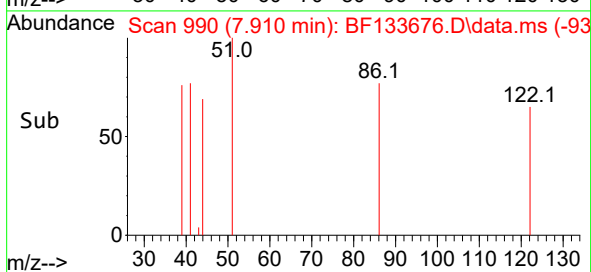
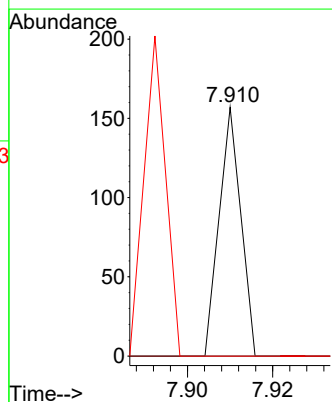
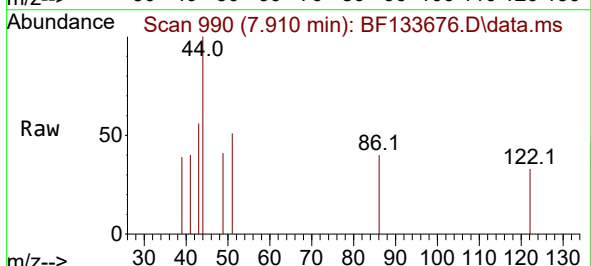
Tgt Ion:122 Resp: 55

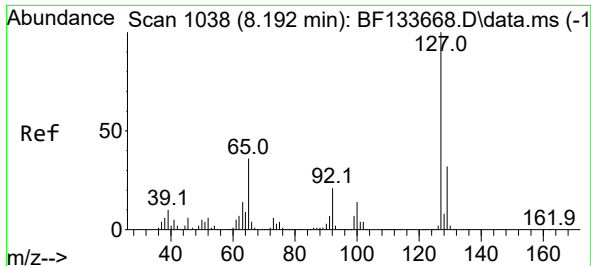
Ion Ratio Lower Upper

122 100

105 0.0 116.3 156.3#

77 0.0 82.4 122.4#

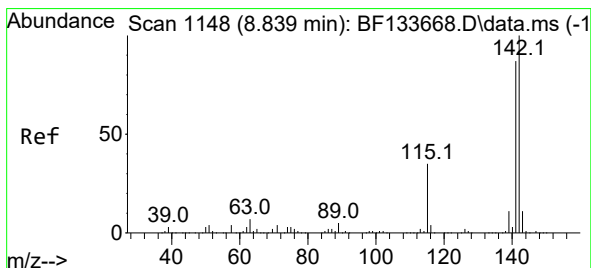
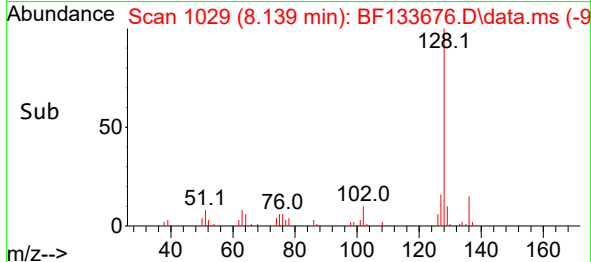
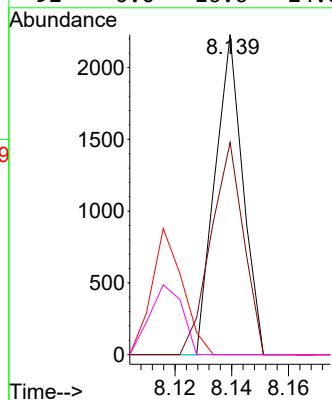
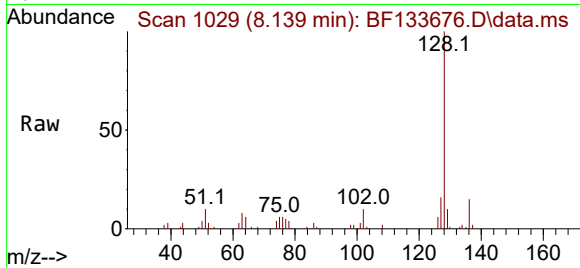




#33
4-Chloroaniline
Concen: 0.222 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.053 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

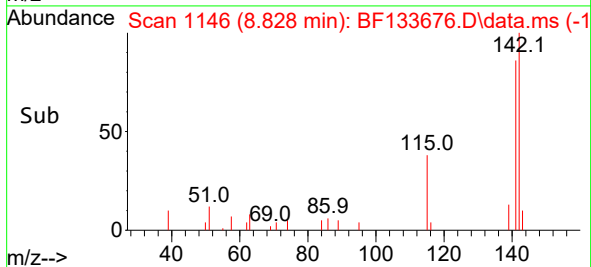
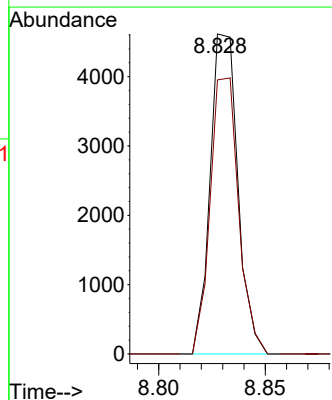
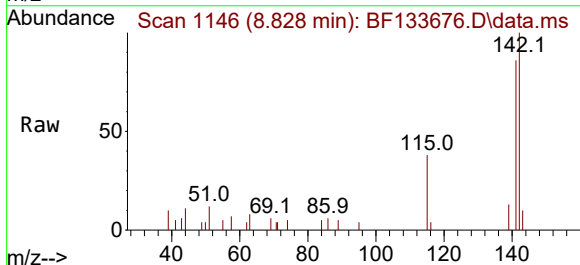
Instrument :
BNA_F
ClientSampleId :
RBR-251580

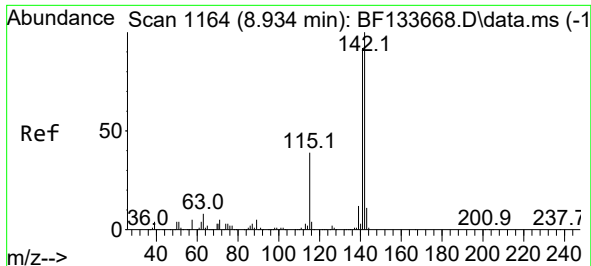
Tgt Ion:127	Resp:	1511
Ion	Ratio	Lower Upper
127	100	
129	66.4	25.6 38.4#
65	0.0	28.9 43.3#
92	0.0	16.6 24.8#



#37
2-Methylnaphthalene
Concen: 0.378 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:142	Resp:	4179
Ion	Ratio	Lower Upper
142	100	
141	85.6	69.8 104.8





#38

1-Methylnaphthalene

Concen: 0.400 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

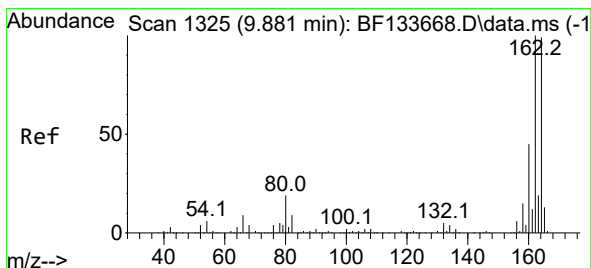
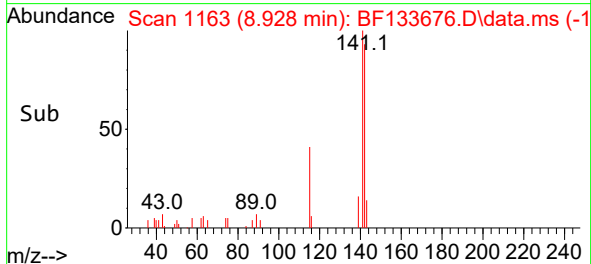
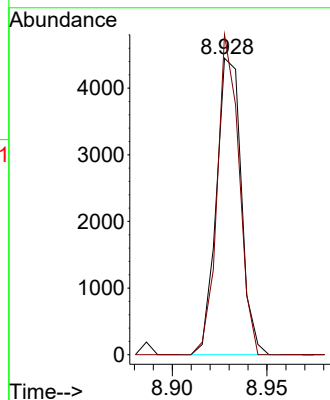
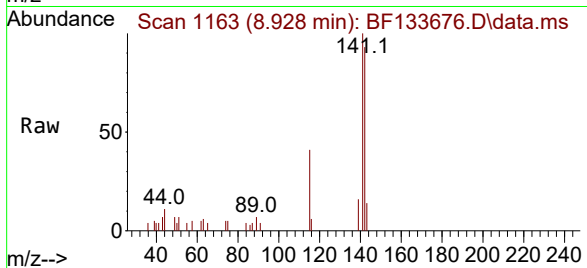
RBR-251580

Tgt Ion:142 Resp: 4066

Ion Ratio Lower Upper

142 100

141 108.0 73.4 110.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

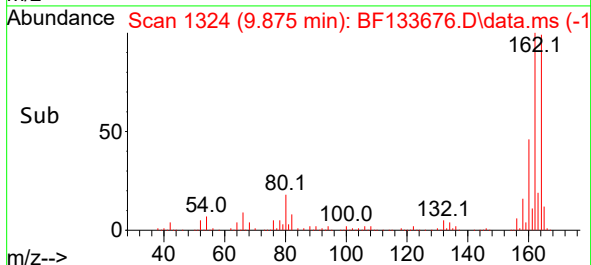
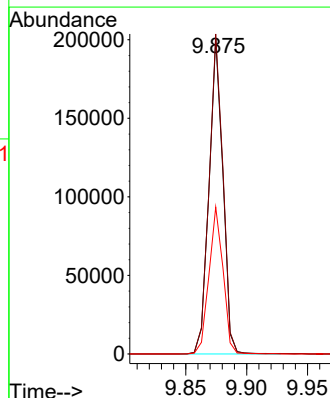
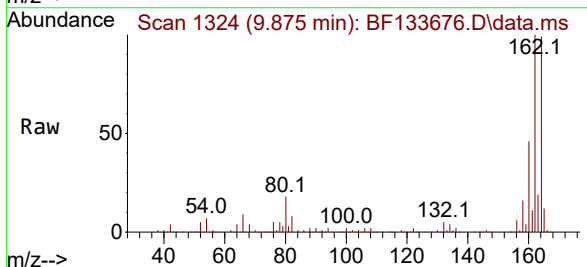
Tgt Ion:164 Resp: 158316

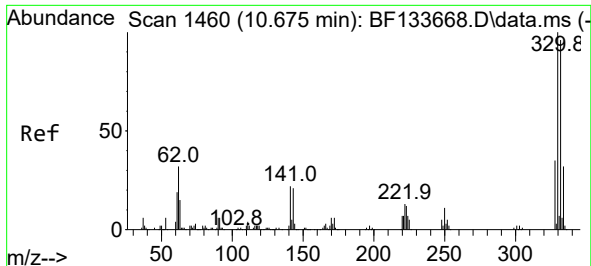
Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 46.6 36.7 55.1

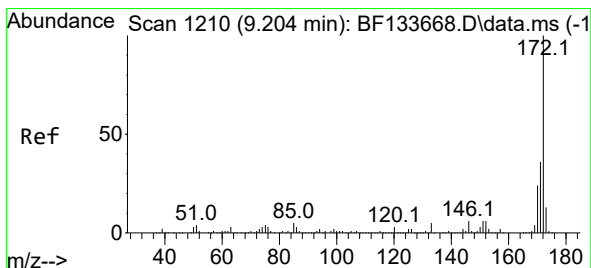
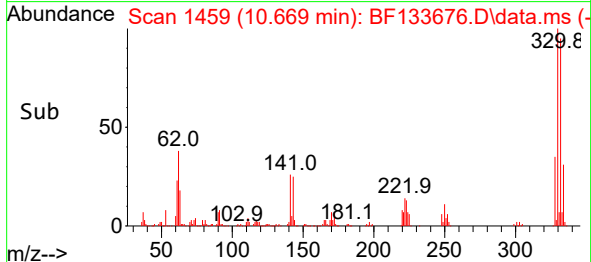
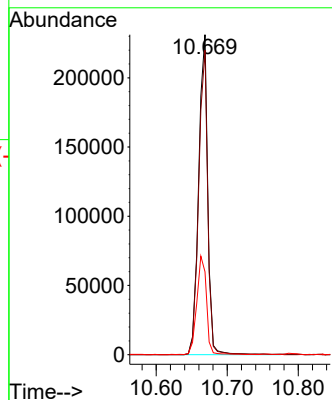
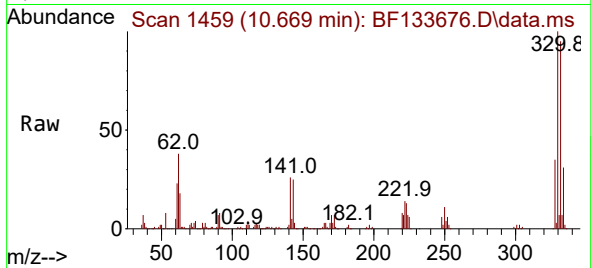




#42
2,4,6-Tribromophenol
Concen: 102.911 ng
RT: 10.669 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

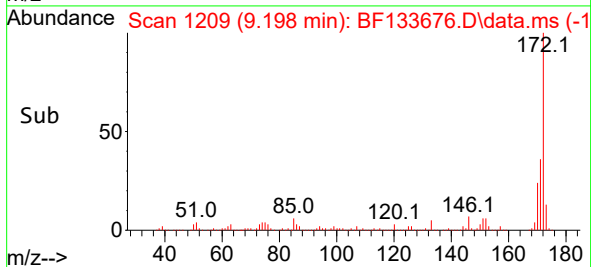
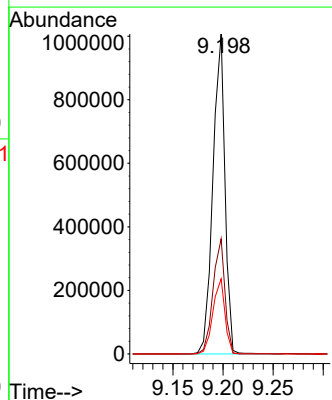
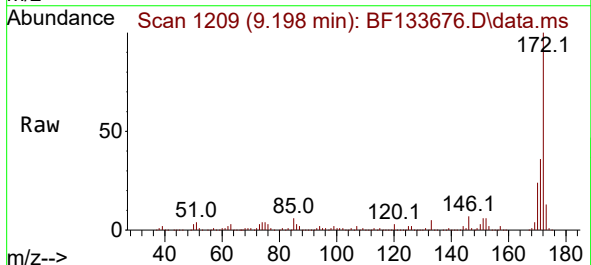
Instrument :
BNA_F
ClientSampleId :
RBR-251580

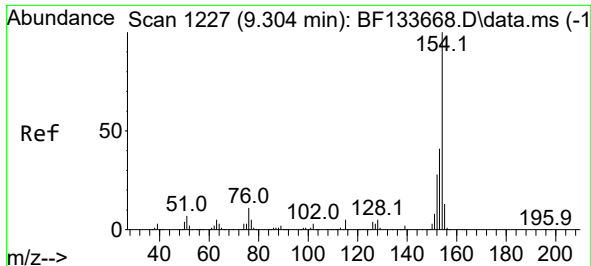
Tgt Ion:330 Resp: 206234
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 33.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 75.361 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:172 Resp: 839308
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 19.1 28.7

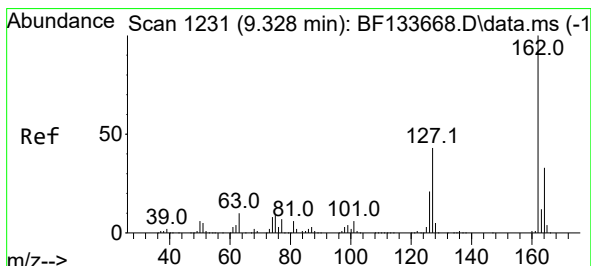
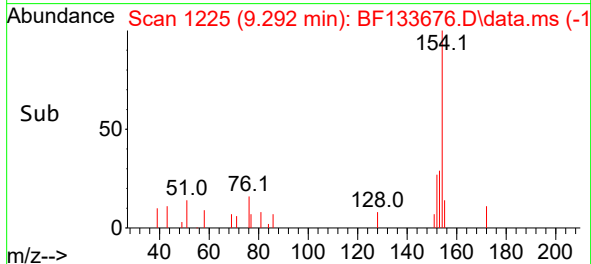
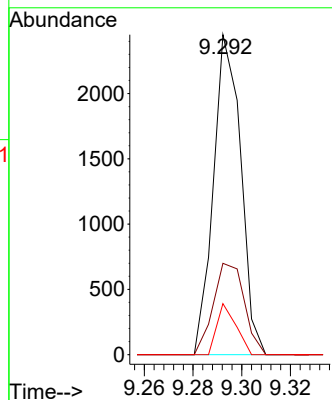
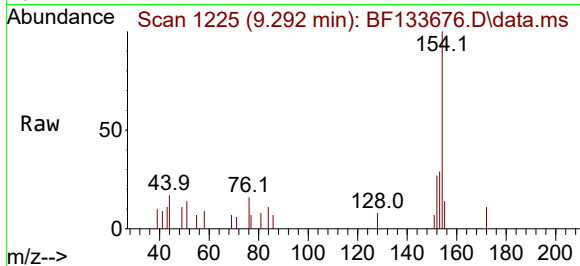




#46
1,1'-Biphenyl
Concen: 0.150 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

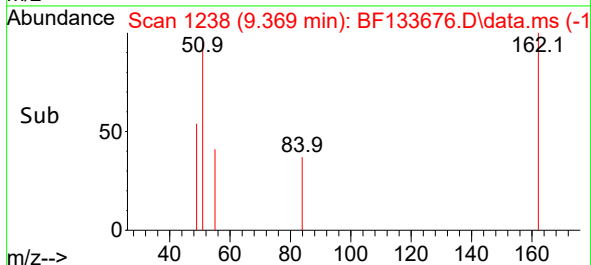
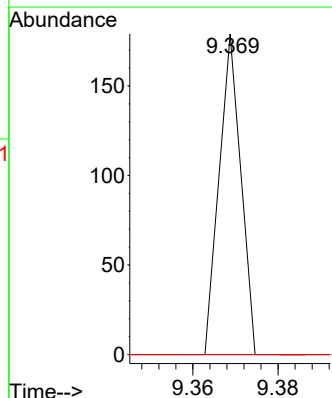
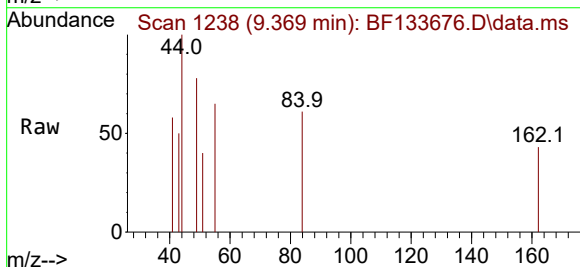
Instrument :
BNA_F
ClientSampleId :
RBR-251580

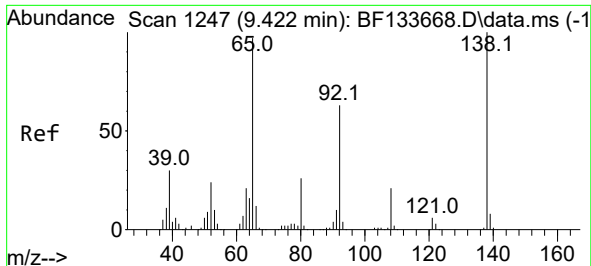
Tgt Ion:154	Resp:	1911
Ion	Ratio	Lower Upper
154	100	
153	28.6	20.6 60.6
76	15.9	0.0 31.0



#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.041 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:162	Resp:	63
Ion	Ratio	Lower Upper
162	100	
127	0.0	34.6 52.0#
164	0.0	26.4 39.6#

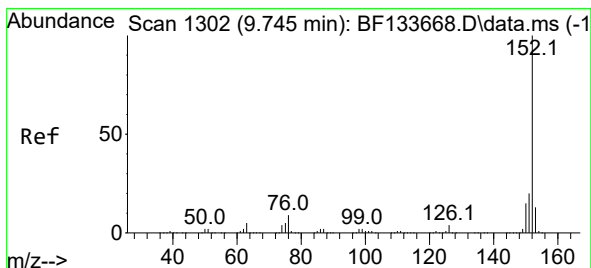
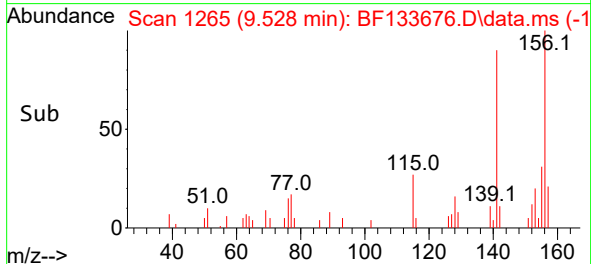
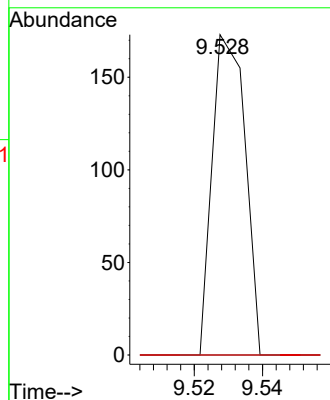
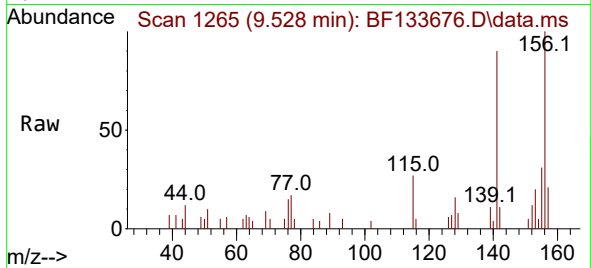




#48
2-Nitroaniline
Concen: 0.035 ng
RT: 9.528 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

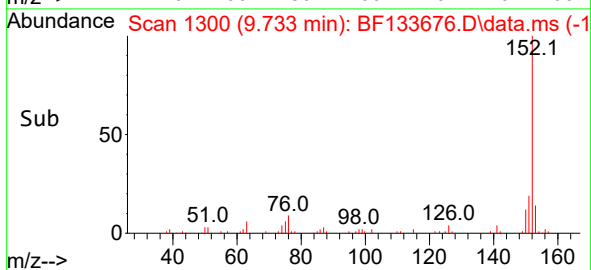
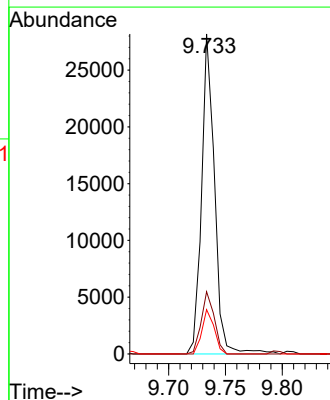
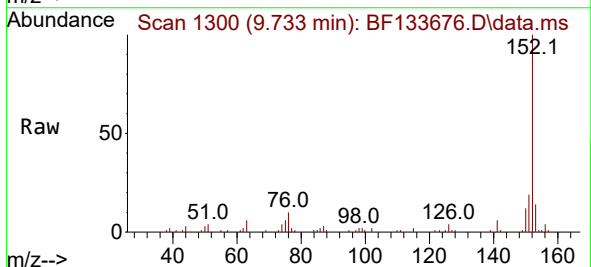
Instrument :
BNA_F
ClientSampleId :
RBR-251580

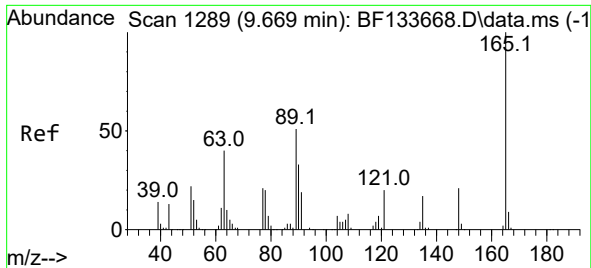
Tgt Ion: 65 Resp: 116
Ion Ratio Lower Upper
65 100
92 0.0 51.8 77.6#
138 0.0 82.1 123.1#



#49
Acenaphthylene
Concen: 1.406 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion: 152 Resp: 22406
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.8 10.4 15.6

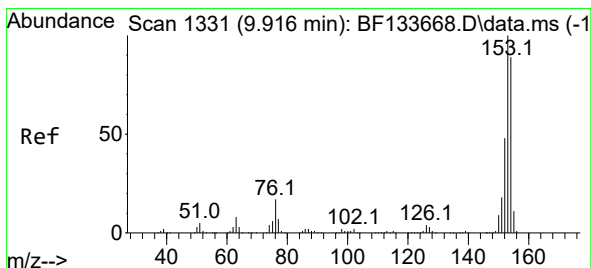
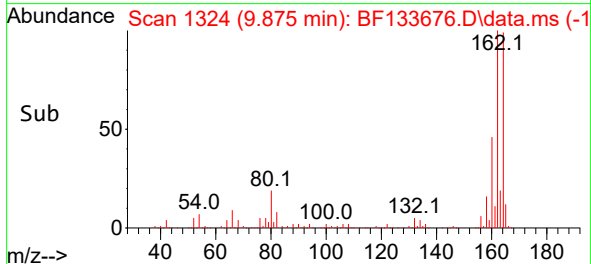
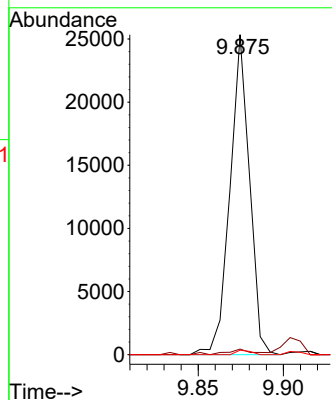
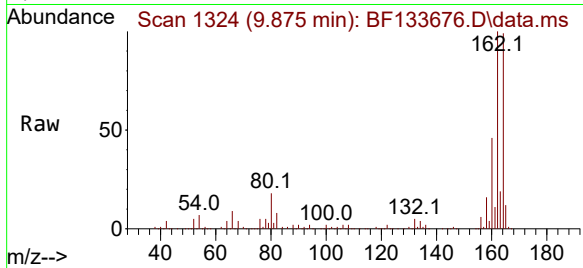




#51
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

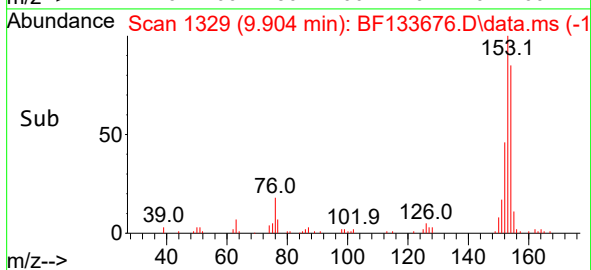
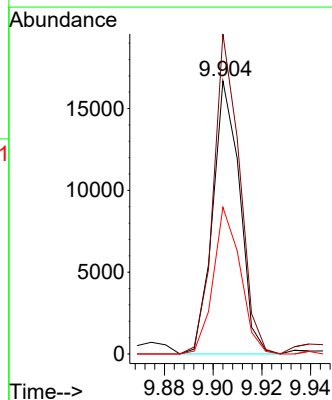
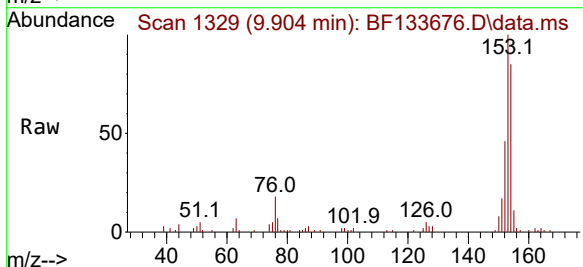
Instrument :
BNA_F
ClientSampleId :
RBR-251580

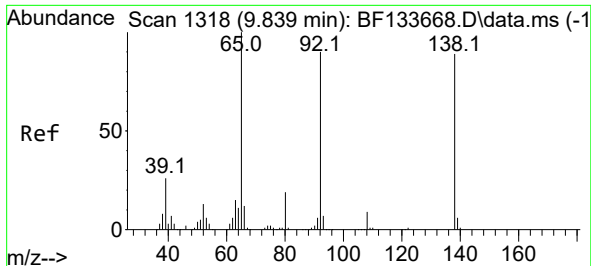
Tgt Ion:165 Resp: 20200
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 1.4 40.9 61.3#



#52
Acenaphthene
Concen: 1.373 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:154 Resp: 12816
Ion Ratio Lower Upper
154 100
153 117.2 89.8 134.8
152 53.7 43.4 65.2

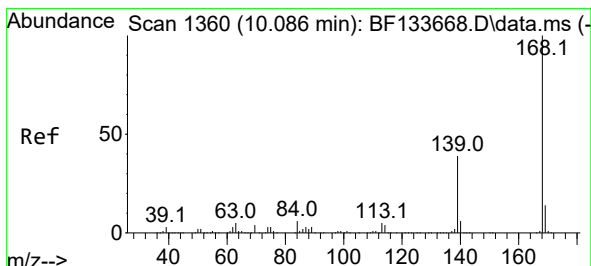
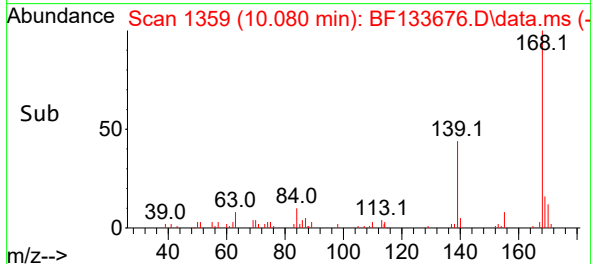
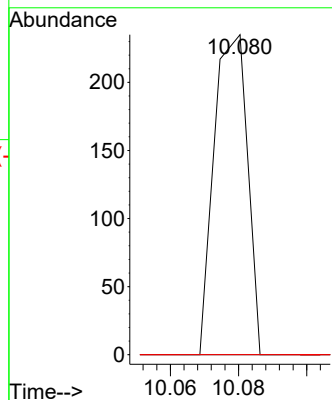
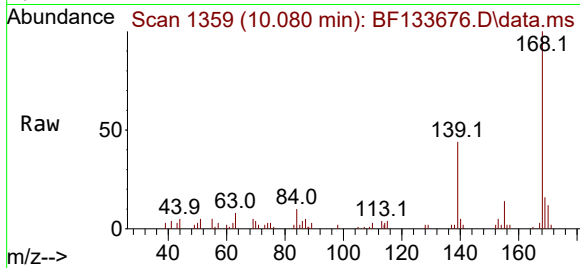




#53
3-Nitroaniline
Concen: 0.054 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.241 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

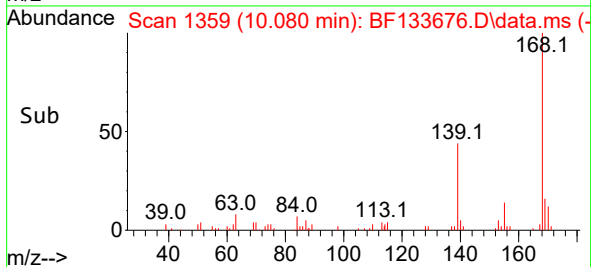
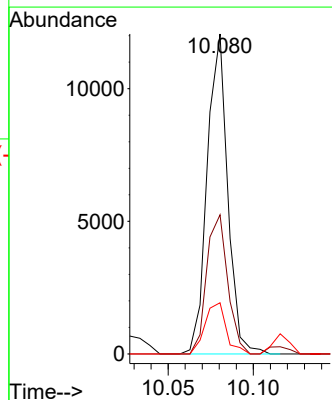
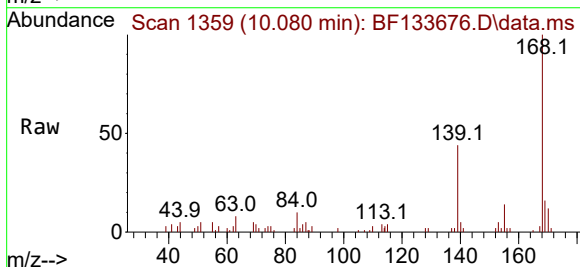
Instrument :
BNA_F
ClientSampleId :
RBR-251580

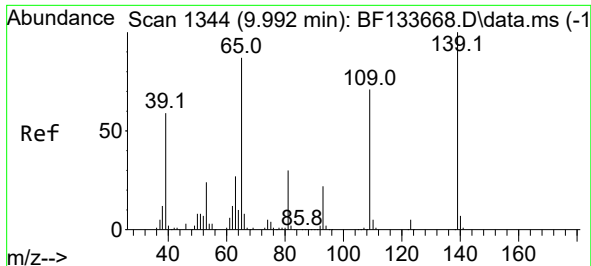
Tgt Ion:138 Resp: 160
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.4#
92 0.0 81.0 121.6#



#55
Dibenzofuran
Concen: 0.708 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:168 Resp: 10087
Ion Ratio Lower Upper
168 100
139 43.5 30.9 46.3
169 16.0 10.9 16.3

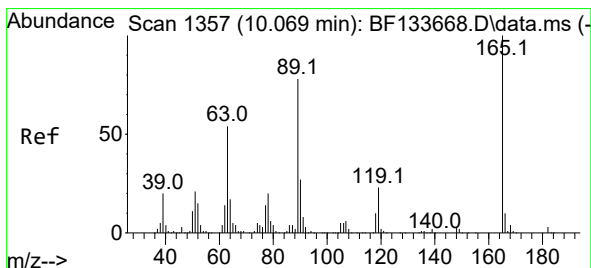
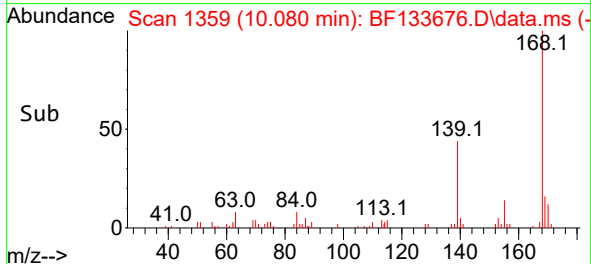
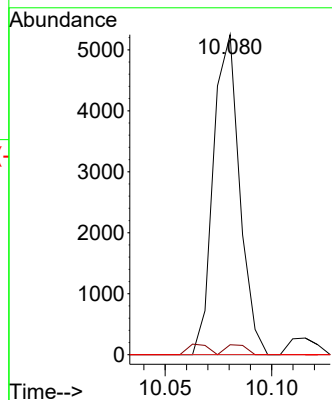
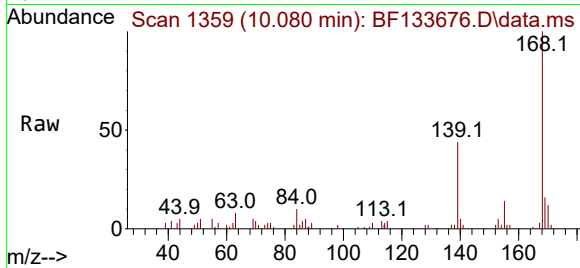




#56
4-Nitrophenol
Concen: 2.247 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

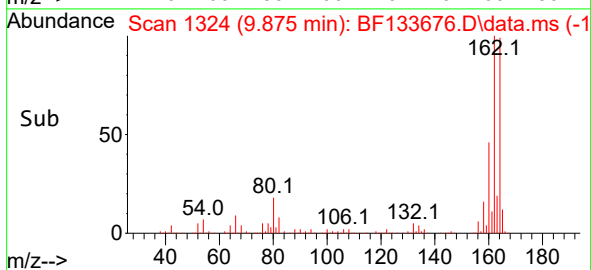
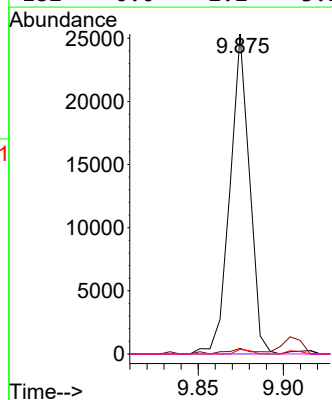
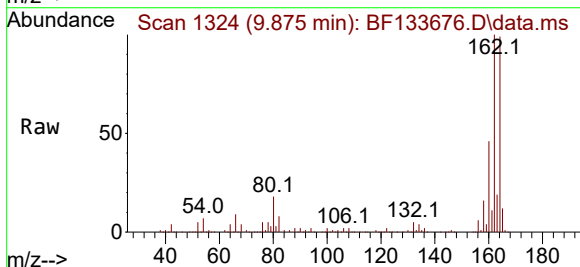
Instrument :
BNA_F
ClientSampleId :
RBR-251580

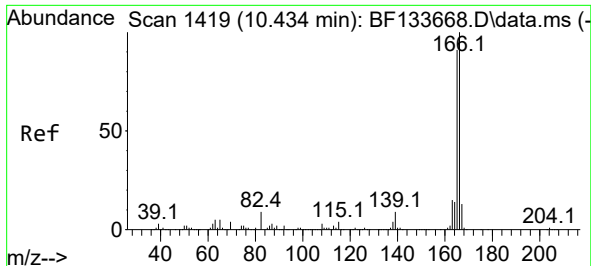
Tgt Ion:139 Resp: 4502
Ion Ratio Lower Upper
139 100
109 3.1 50.7 90.7#
65 0.0 67.1 107.1#



#57
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:165 Resp: 20200
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#

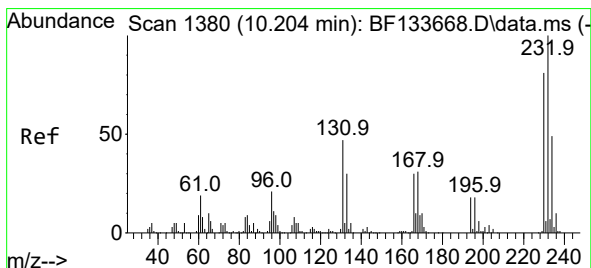
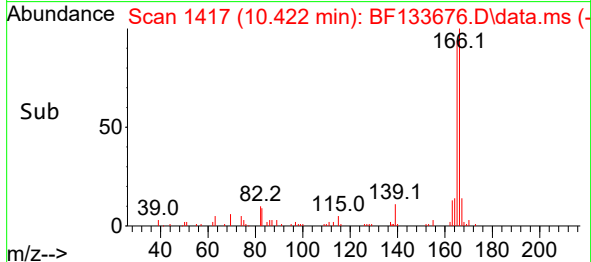
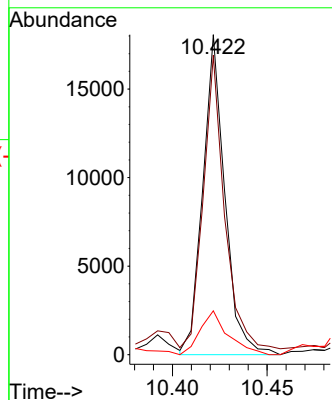
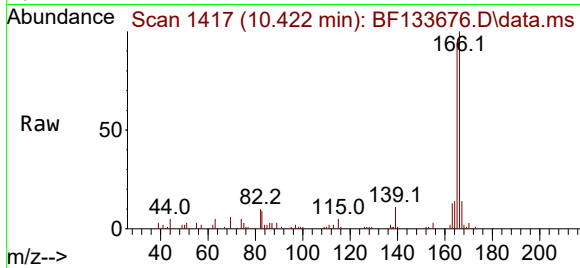




#58
Fluorene
Concen: 1.340 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

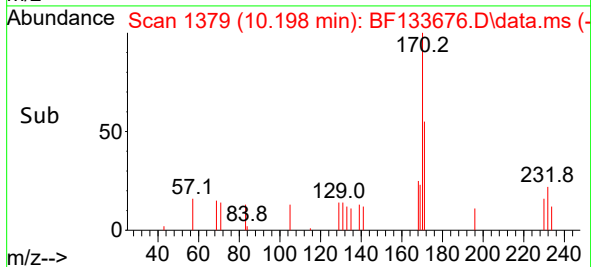
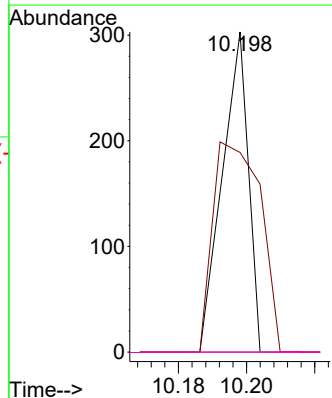
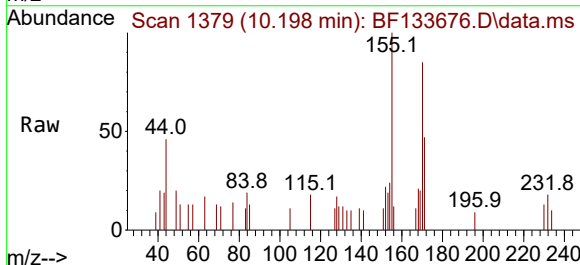
Instrument :
BNA_F
ClientSampleId :
RBR-251580

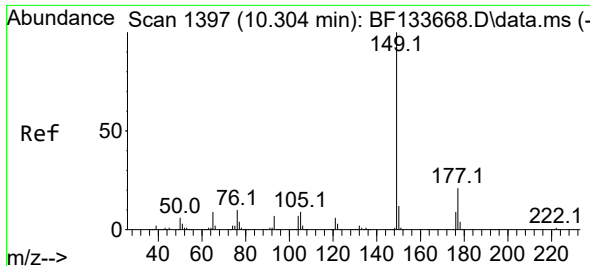
Tgt Ion:166 Resp: 14590
Ion Ratio Lower Upper
166 100
165 93.6 73.1 109.7
167 13.7 10.5 15.7



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.057 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:232 Resp: 160
Ion Ratio Lower Upper
232 100
131 120.6 38.0 57.0#
130 0.0 1.8 2.8#
166 0.0 24.2 36.4#

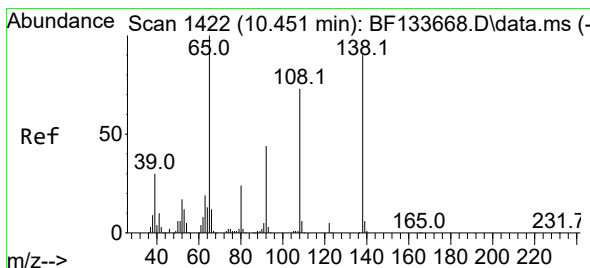
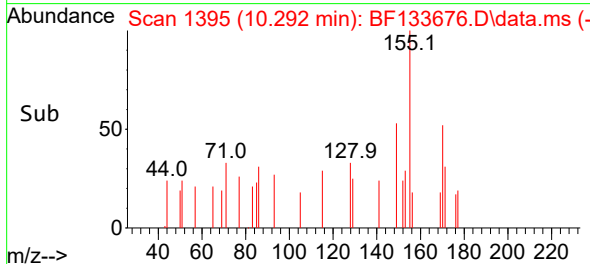
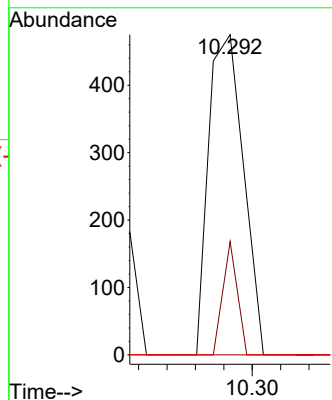
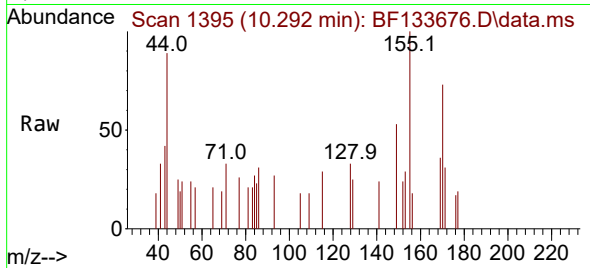




#60
Diethylphthalate
Concen: 0.034 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

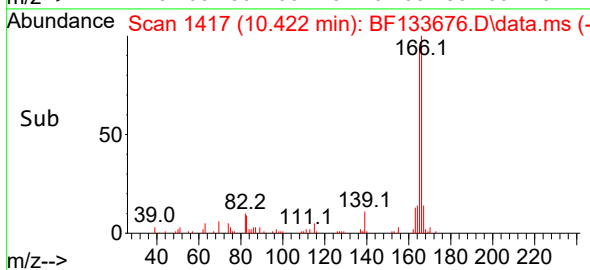
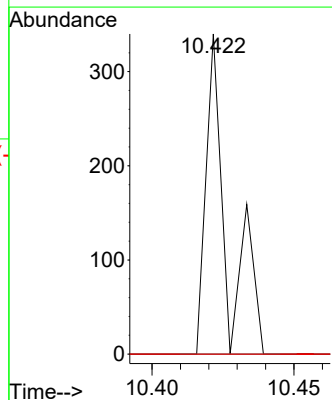
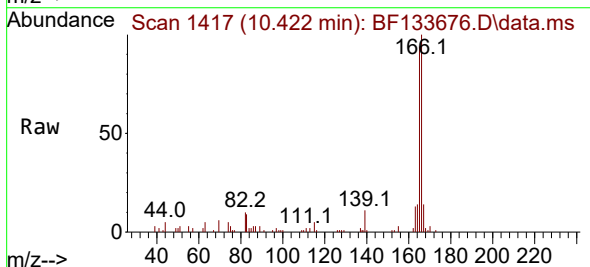
Instrument :
BNA_F
ClientSampleId :
RBR-251580

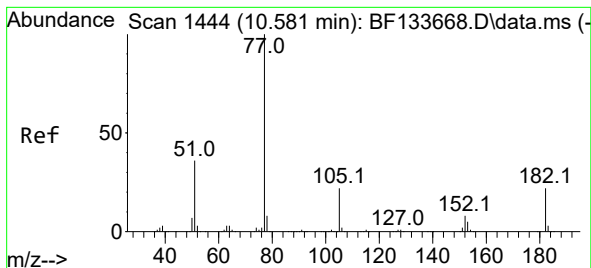
Tgt Ion:149 Resp: 404
Ion Ratio Lower Upper
149 100
177 35.4 17.0 25.6#
150 0.0 10.0 15.0#



#62
4-Nitroaniline
Concen: 0.060 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.030 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:138 Resp: 176
Ion Ratio Lower Upper
138 100
92 0.0 28.9 68.9#
108 0.0 61.0 101.0#





#63

Azobenzene

Concen: 2.507 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.005 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

Tgt Ion: 77 Resp: 28548

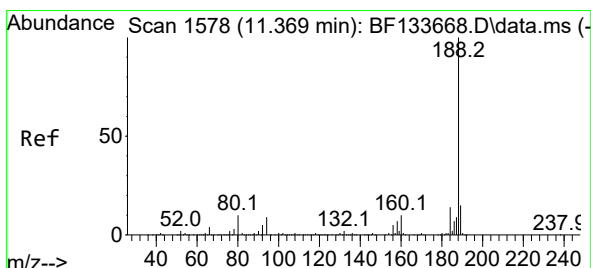
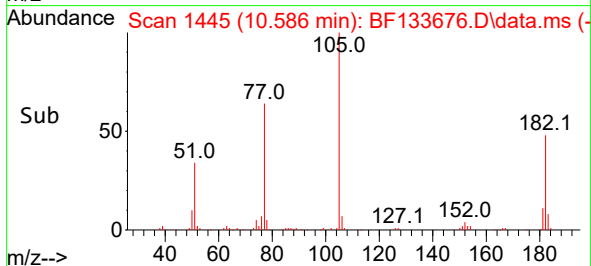
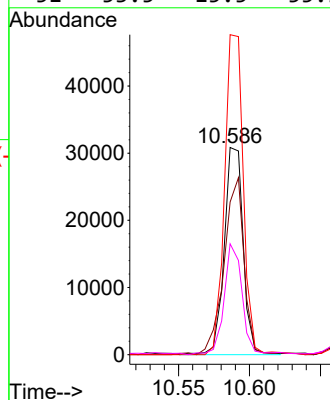
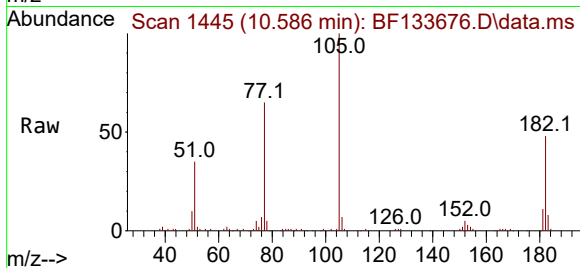
Ion Ratio Lower Upper

77 100

182 73.6 1.6 41.6#

105 154.4 1.6 41.6#

51 53.5 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

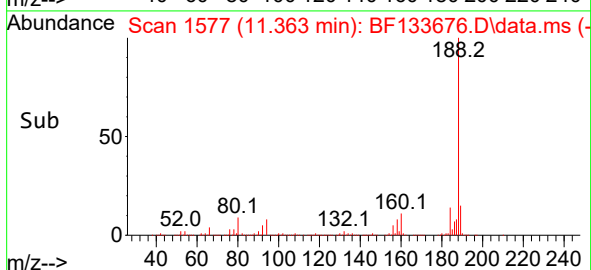
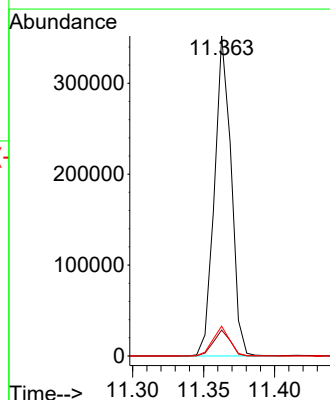
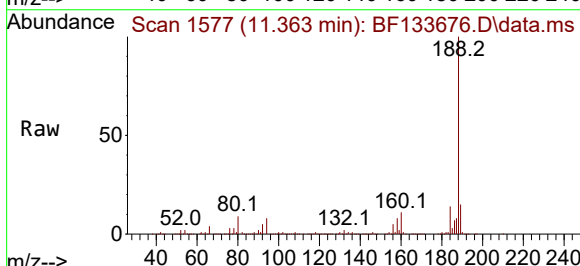
Tgt Ion: 188 Resp: 287314

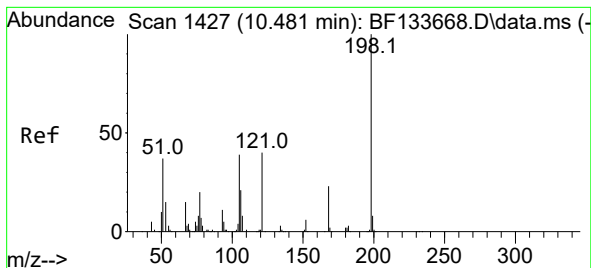
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.3 7.8 11.6

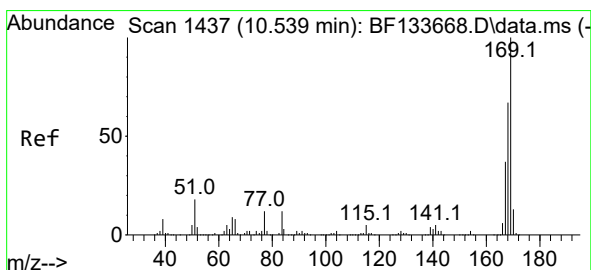
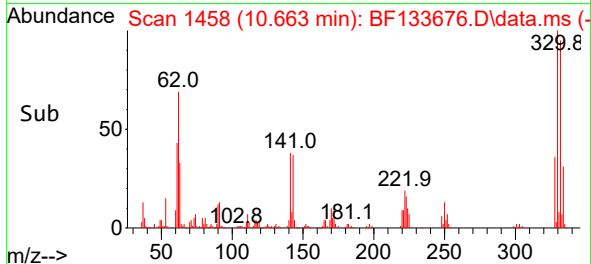
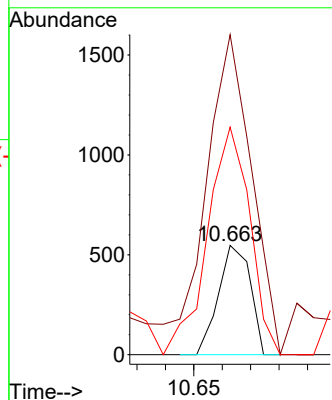
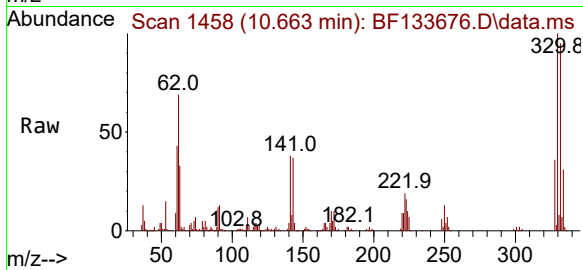




#65
4,6-Dinitro-2-methylphenol
Concen: 0.310 ng
RT: 10.663 min Scan# 1427
Delta R.T. 0.182 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

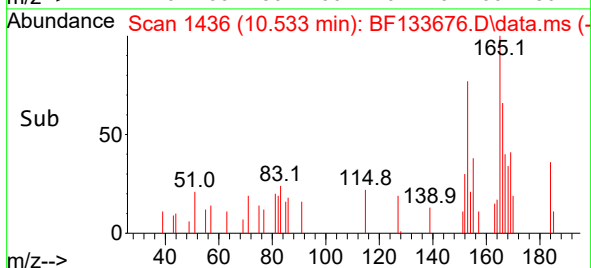
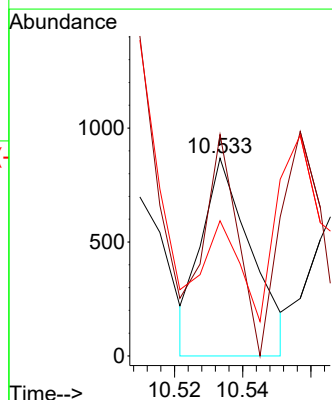
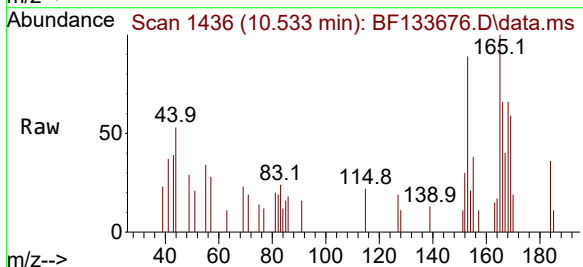
Instrument :
BNA_F
ClientSampleId :
RBR-251580

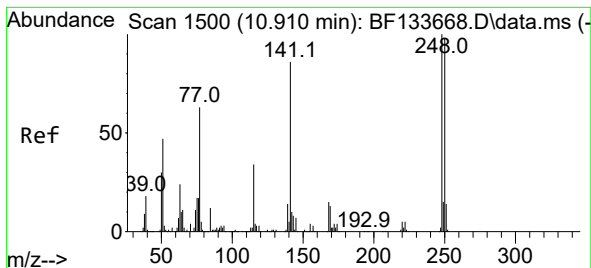
Tgt Ion:198 Resp: 426
Ion Ratio Lower Upper
198 100
51 292.9 27.5 67.5#
105 208.2 21.0 61.0#



#66
n-Nitrosodiphenylamine
Concen: 0.091 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:169 Resp: 882
Ion Ratio Lower Upper
169 100
168 112.0 53.7 80.5#
167 68.3 29.8 44.8#

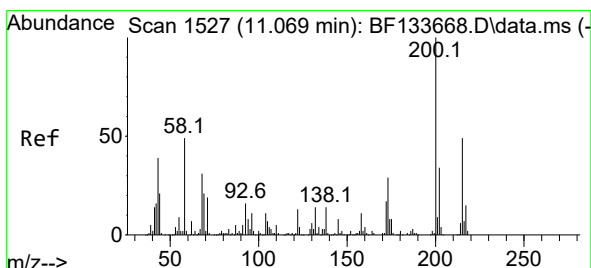
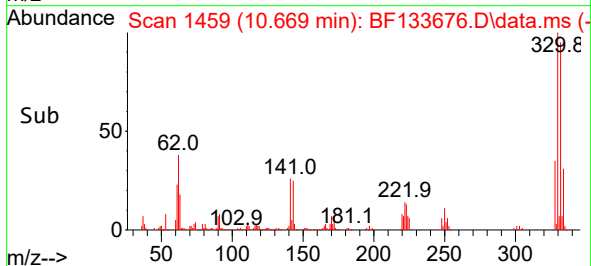
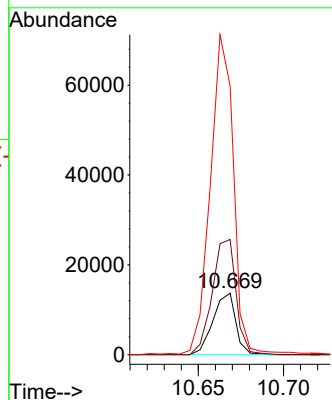
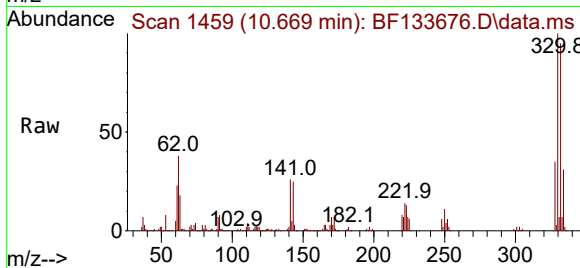




#67
4-Bromophenyl-phenylether
Concen: 3.952 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

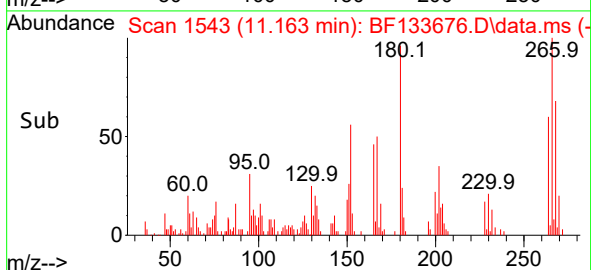
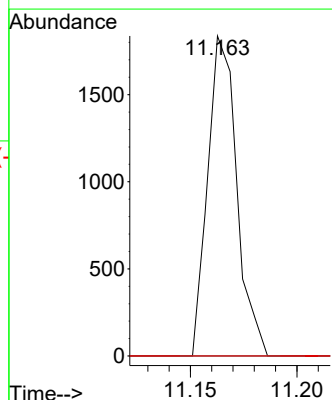
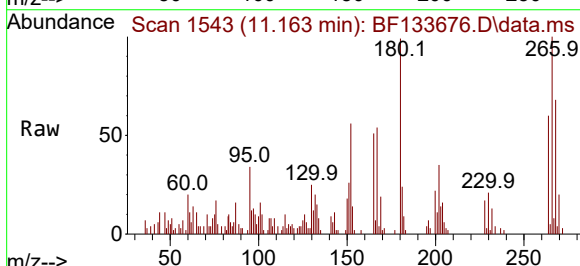
Instrument :
BNA_F
ClientSampleId :
RBR-251580

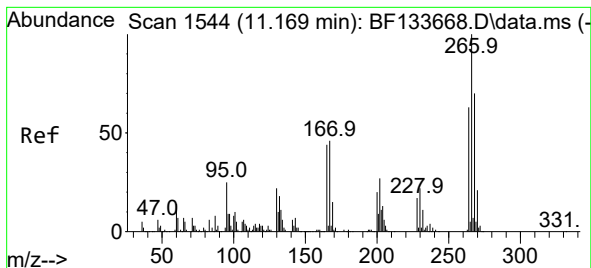
Tgt Ion:248 Resp: 12673
Ion Ratio Lower Upper
248 100
250 187.7 78.3 117.5#
141 437.8 69.0 103.6#



#69
Atrazine
Concen: 0.623 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.094 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:200 Resp: 1744
Ion Ratio Lower Upper
200 100
173 0.0 8.7 48.7#
215 0.0 29.0 69.0#





#70

Pentachlorophenol

Concen: 4.541 ng

RT: 11.163 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

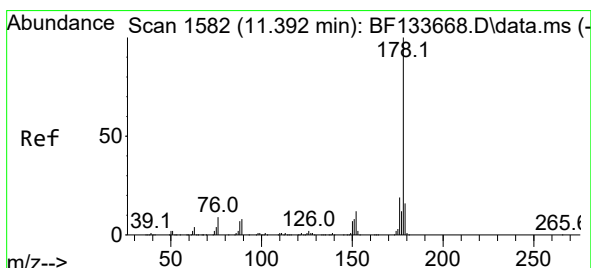
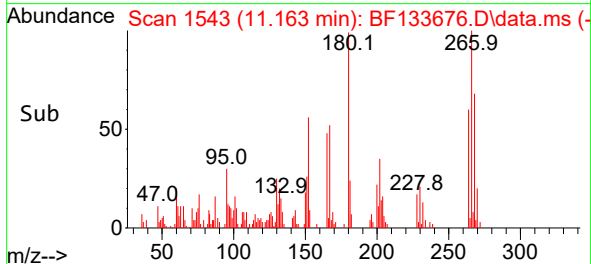
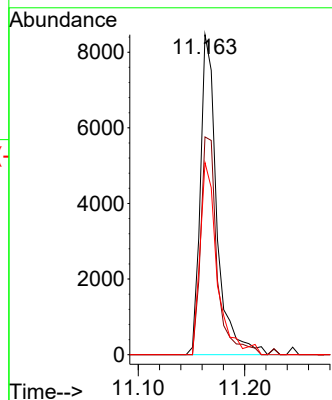
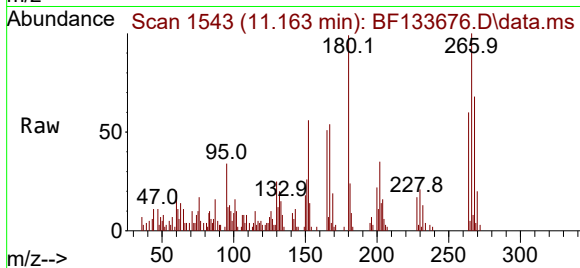
Tgt Ion:266 Resp: 9170

Ion Ratio Lower Upper

266 100

268 68.1 55.7 83.5

264 60.0 50.7 76.1



#71

Phenanthrene

Concen: 11.764 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

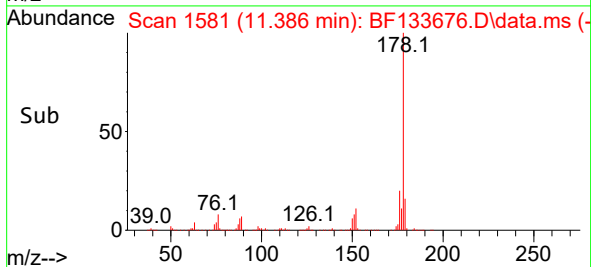
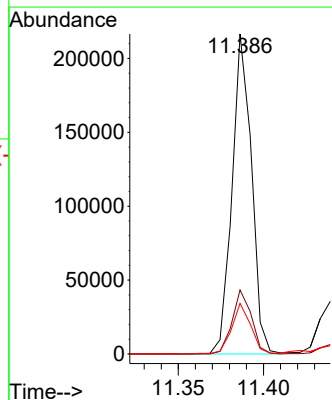
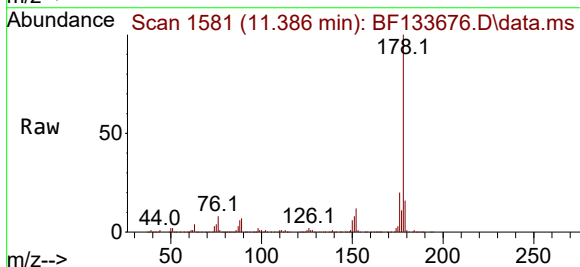
Tgt Ion:178 Resp: 171484

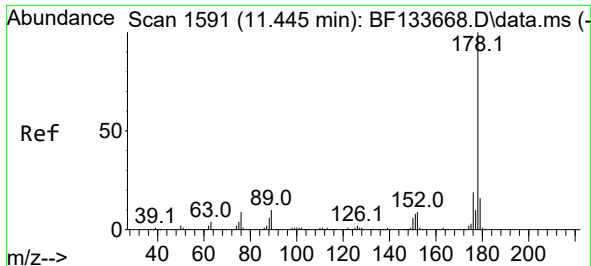
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 15.8 12.4 18.6

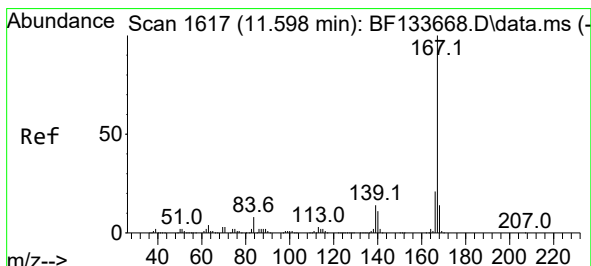
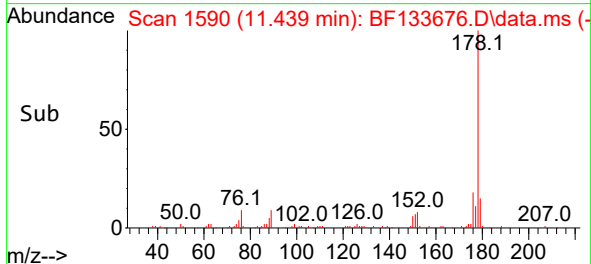
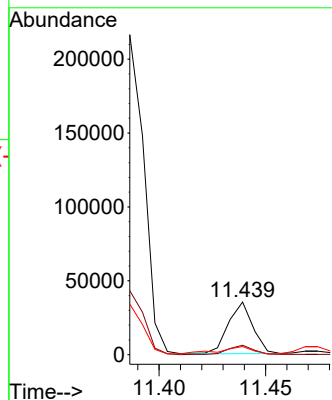
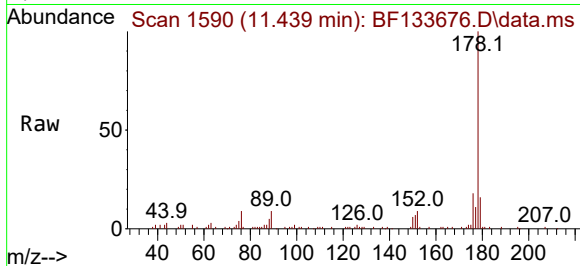




#72
 Anthracene
 Concen: 1.862 ng
 RT: 11.439 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: BF133676.D
 Acq: 09 Jun 2023 15:15

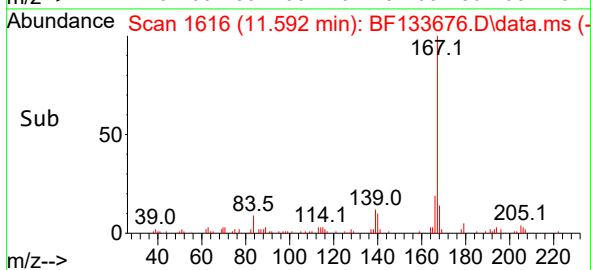
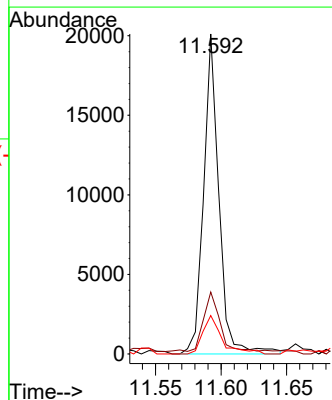
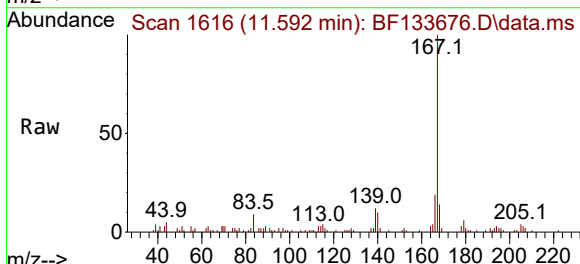
Instrument :
 BNA_F
 ClientSampleId :
 RBR-251580

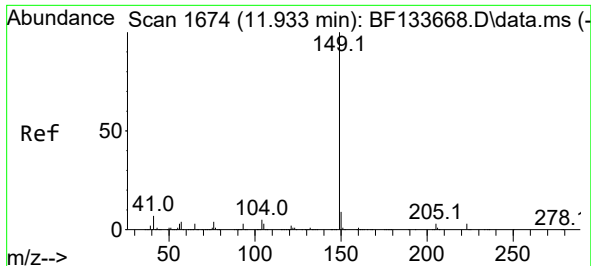
Tgt Ion:178 Resp: 28301
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.1 22.7
 179 15.6 12.6 18.8



#73
 Carbazole
 Concen: 1.158 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133676.D
 Acq: 09 Jun 2023 15:15

Tgt Ion:167 Resp: 16395
 Ion Ratio Lower Upper
 167 100
 166 19.4 17.0 25.6
 139 12.0 11.2 16.8

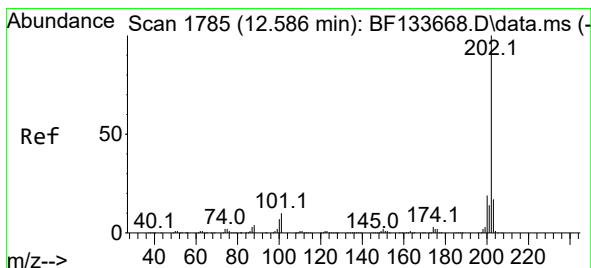
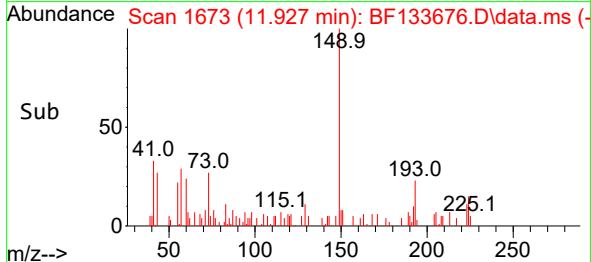
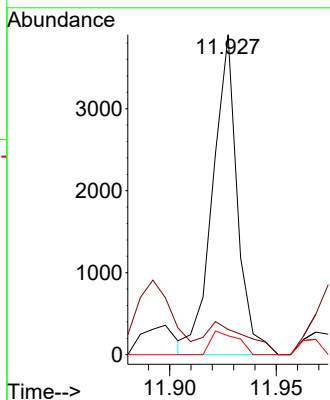
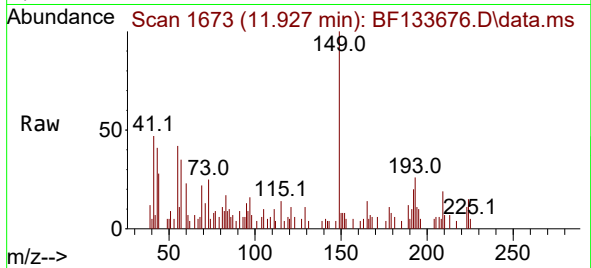




#74
Di-n-butylphthalate
Concen: 0.173 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

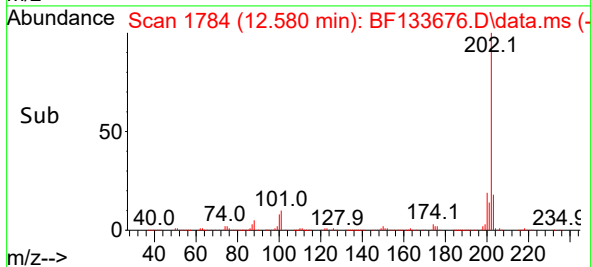
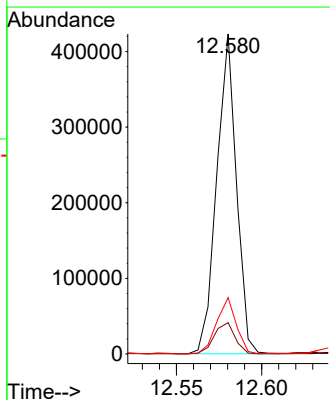
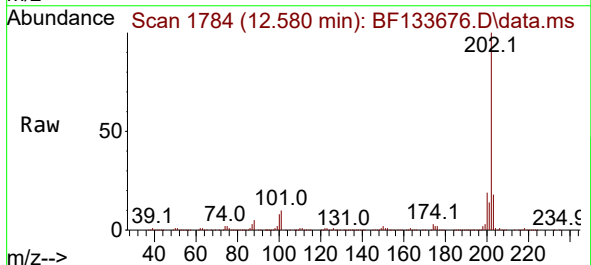
Instrument :
BNA_F
ClientSampleId :
RBR-251580

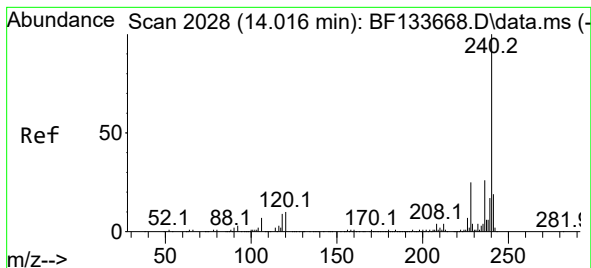
Tgt Ion:149 Resp: 3139
Ion Ratio Lower Upper
149 100
150 7.9 7.4 11.0
104 5.9 3.8 5.8#



#75
Fluoranthene
Concen: 21.984 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:202 Resp: 340297
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 17.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

Instrument :

BNA_F

ClientSampleId :

RBR-251580

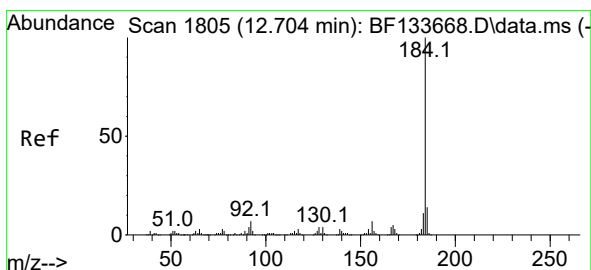
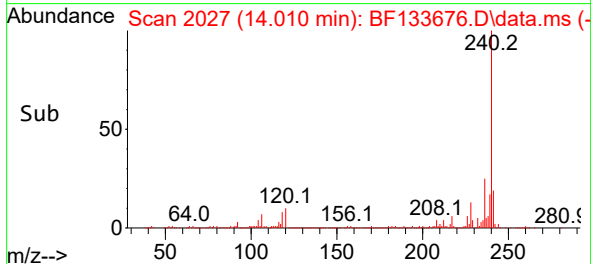
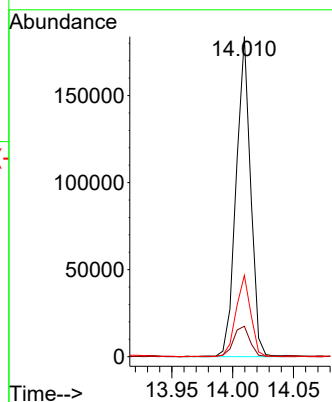
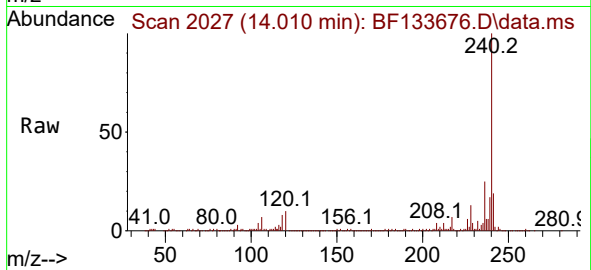
Tgt Ion:240 Resp: 151446

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 25.4 20.5 30.7



#77

Benzidine

Concen: 0.108 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.035 min

Lab File: BF133676.D

Acq: 09 Jun 2023 15:15

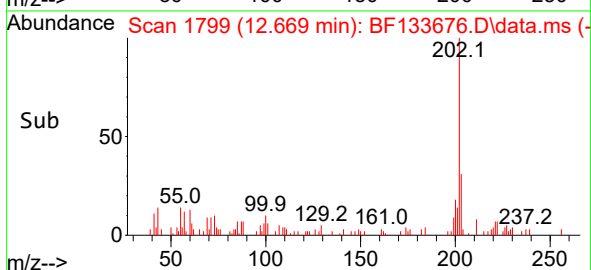
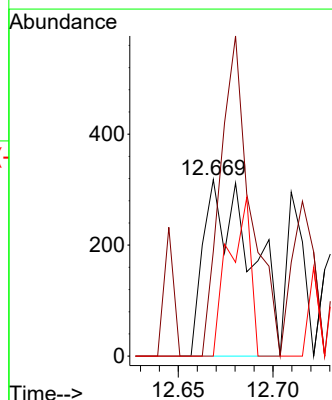
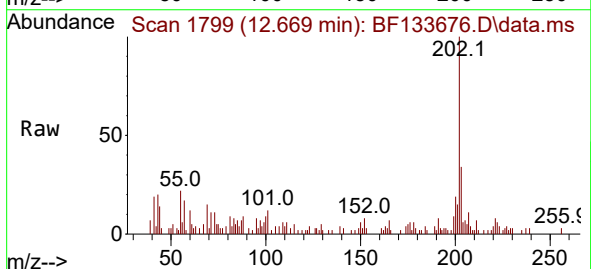
Tgt Ion:184 Resp: 547

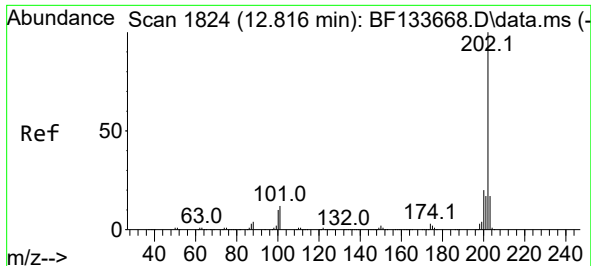
Ion Ratio Lower Upper

184 100

185 59.4 11.6 17.4#

183 0.0 8.4 12.6#

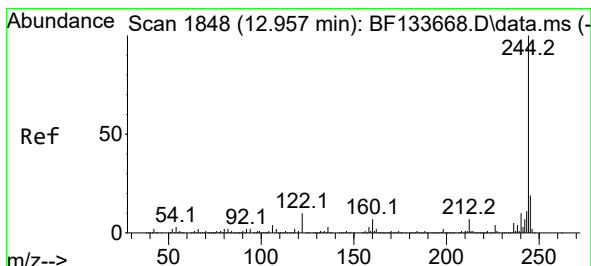
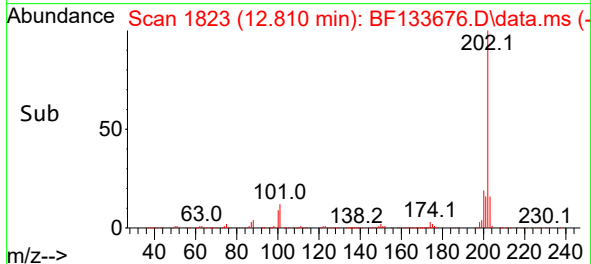
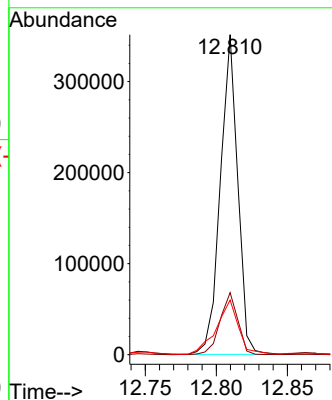
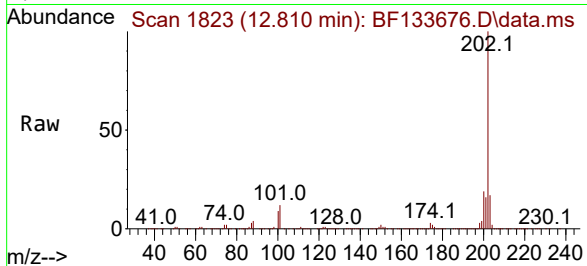




#78
Pyrene
Concen: 21.125 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

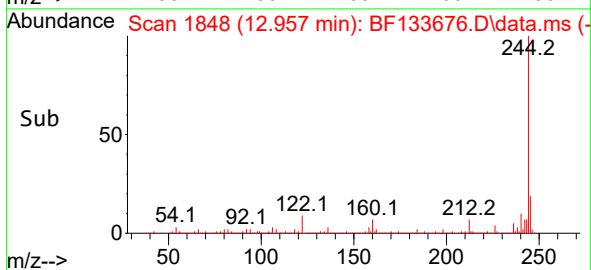
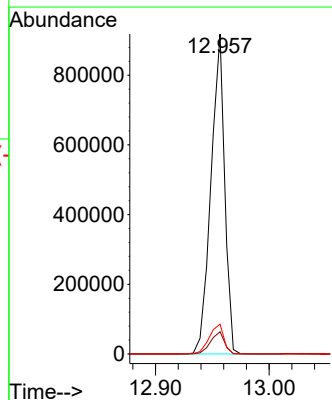
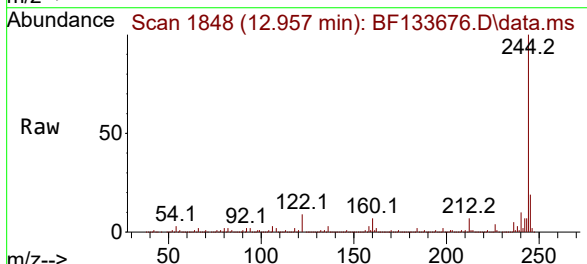
Instrument :
BNA_F
ClientSampleId :
RBR-251580

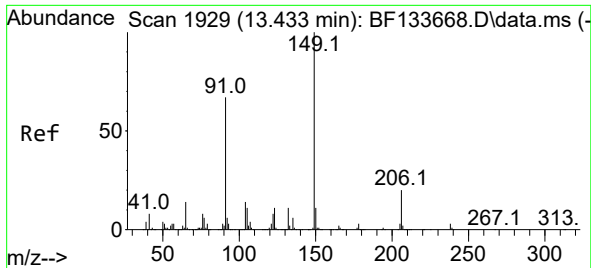
Tgt Ion:202 Resp: 298030
Ion Ratio Lower Upper
202 100
200 19.4 16.2 24.2
203 17.1 13.9 20.9



#79
Terphenyl-d14
Concen: 78.617 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:244 Resp: 769460
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.3 8.1 12.1

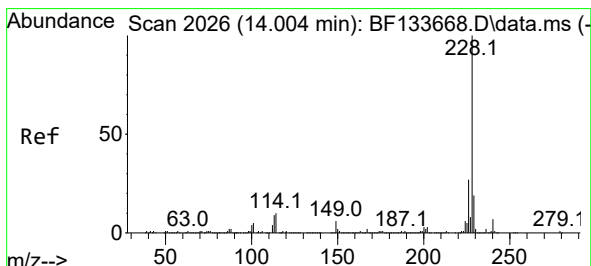
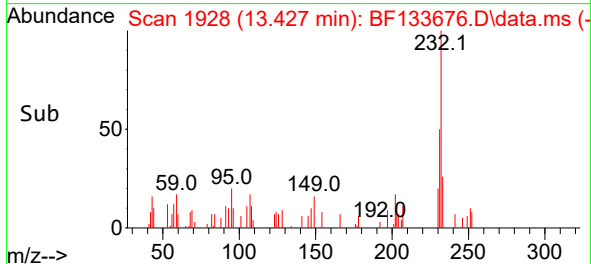
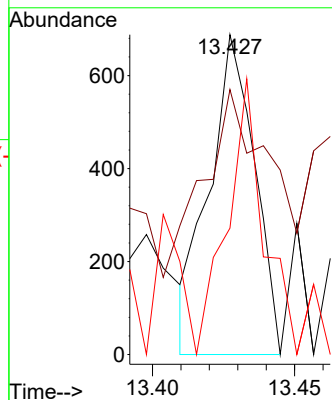
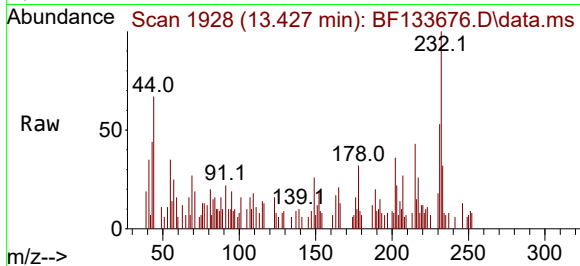




#80
Butylbenzylphthalate
Concen: 0.128 ng
RT: 13.427 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

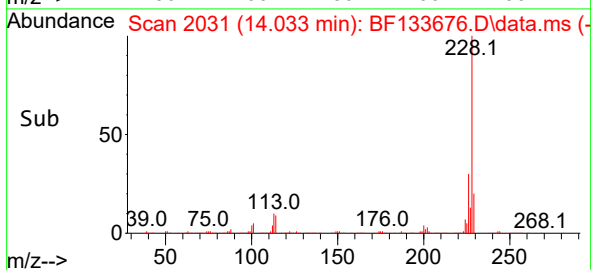
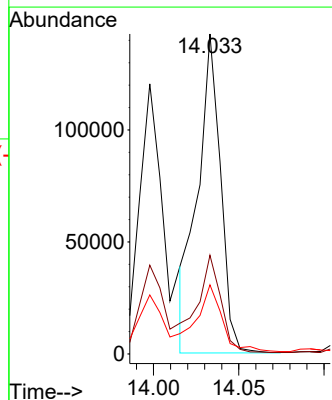
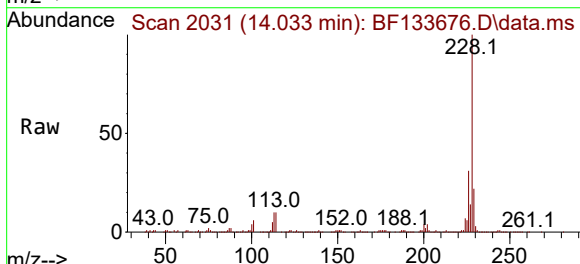
Instrument :
BNA_F
ClientSampleId :
RBR-251580

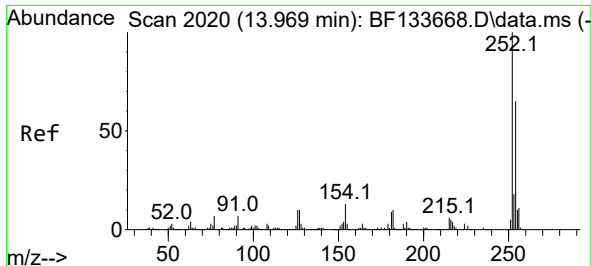
Tgt Ion:149 Resp: 760
Ion Ratio Lower Upper
149 100
91 82.8 54.0 81.0#
206 39.5 15.6 23.4#



#81
Benzo(a)anthracene
Concen: 12.655 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.029 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:228 Resp: 132573
Ion Ratio Lower Upper
228 100
226 30.9 21.7 32.5
229 21.6 15.4 23.2

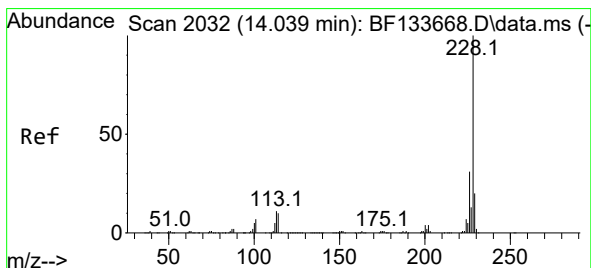
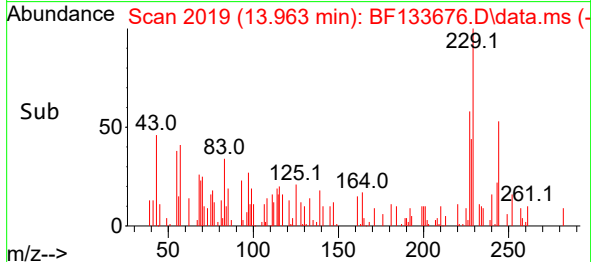
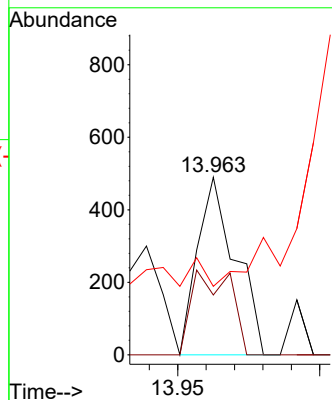
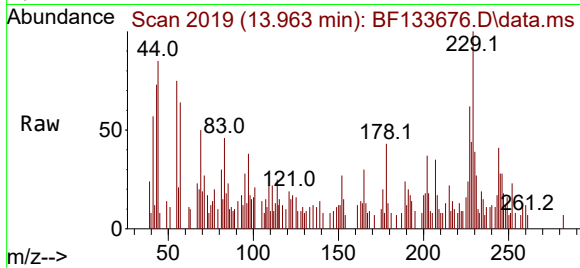




#82
 3,3'-Dichlorobenzidine
 Concen: 0.131 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF133676.D
 Acq: 09 Jun 2023 15:15

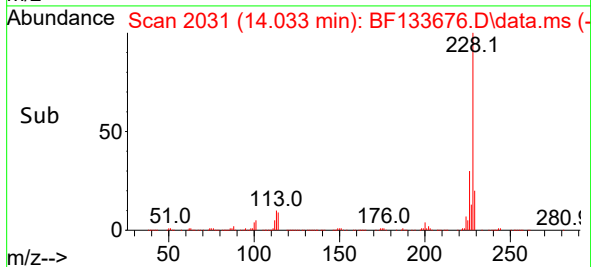
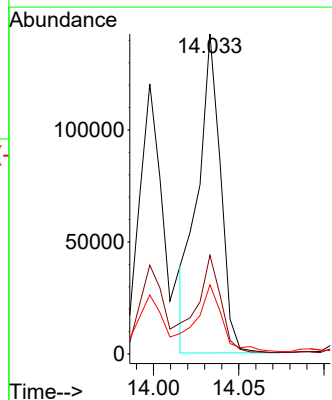
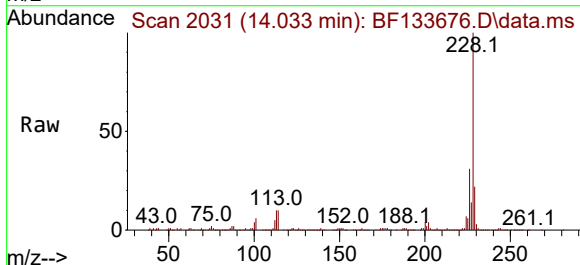
Instrument :
 BNA_F
 ClientSampleId :
 RBR-251580

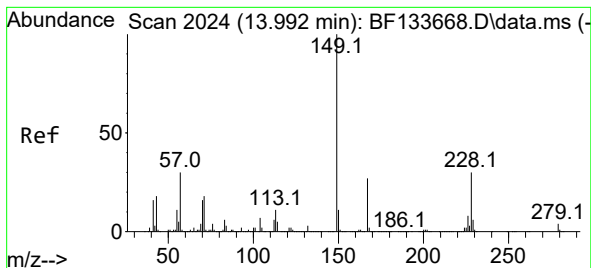
Tgt Ion:252 Resp: 457
 Ion Ratio Lower Upper
 252 100
 254 33.7 51.9 77.9#
 126 38.6 7.7 11.5#



#83
 Chrysene
 Concen: 13.380 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF133676.D
 Acq: 09 Jun 2023 15:15

Tgt Ion:228 Resp: 132573
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 21.6 15.8 23.8

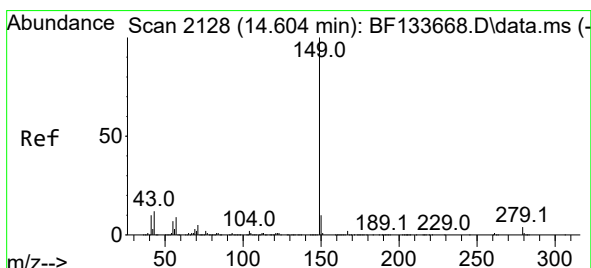
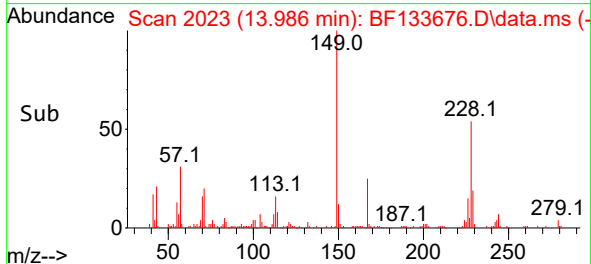
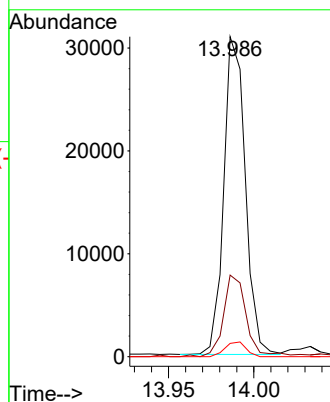
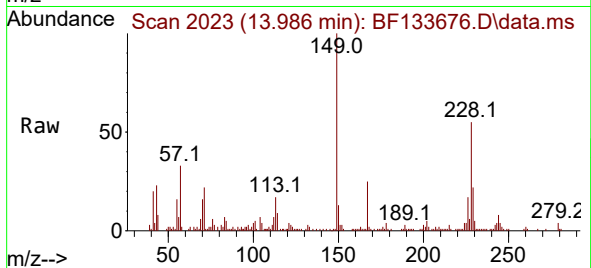




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.691 ng
RT: 13.986 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

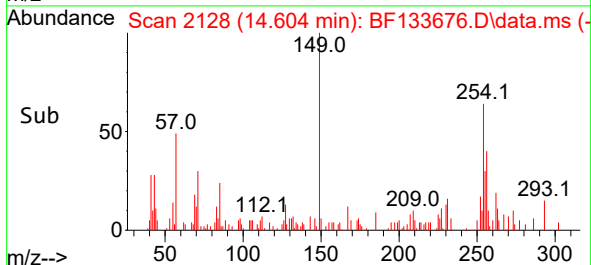
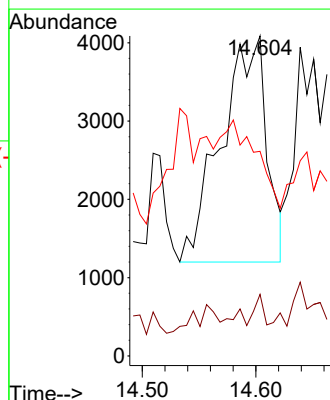
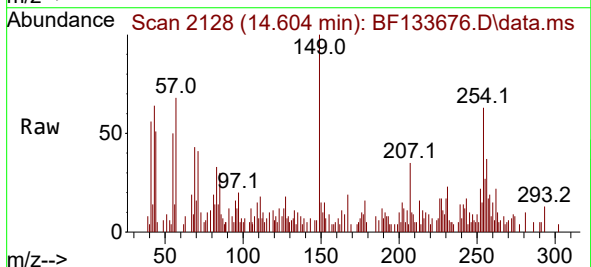
Instrument :
BNA_F
ClientSampleId :
RBR-251580

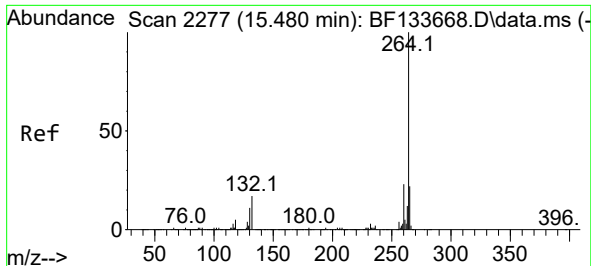
Tgt Ion:149 Resp: 27064
Ion Ratio Lower Upper
149 100
167 25.5 21.8 32.8
279 4.2 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 0.770 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:149 Resp: 8024
Ion Ratio Lower Upper
149 100
167 5.3 1.4 2.0#
43 0.0 8.7 13.1#

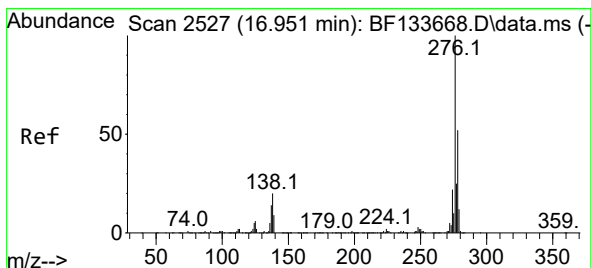
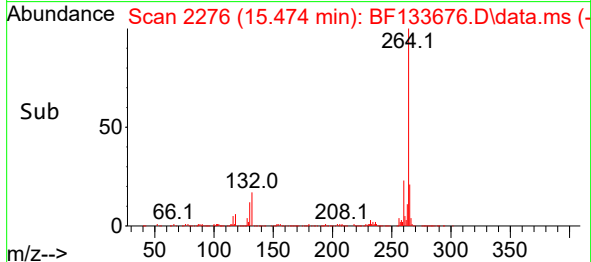
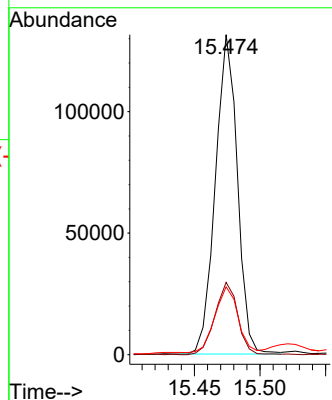
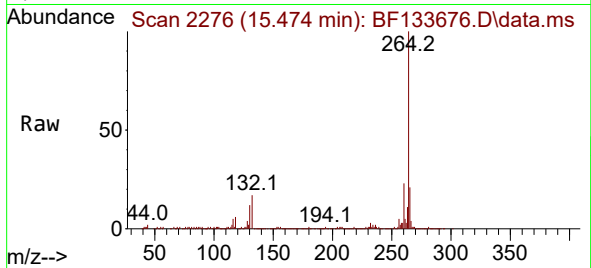




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

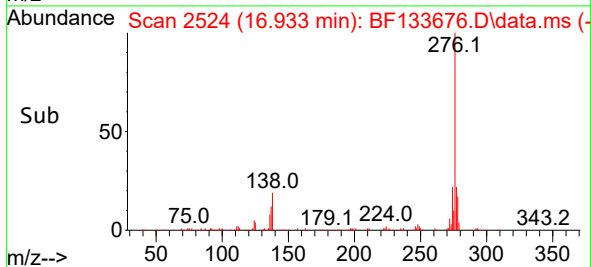
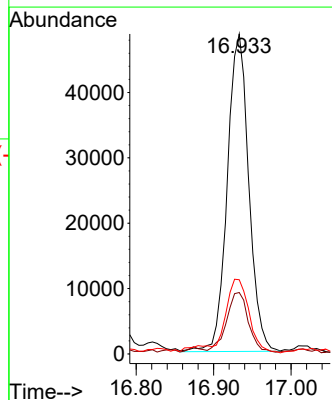
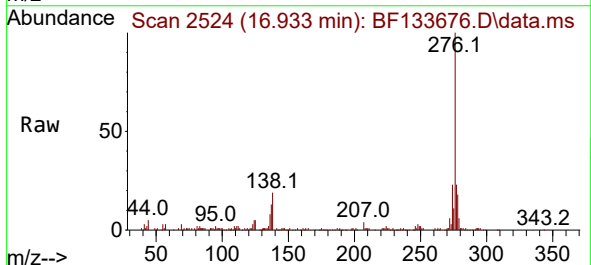
Instrument :
BNA_F
ClientSampleId :
RBR-251580

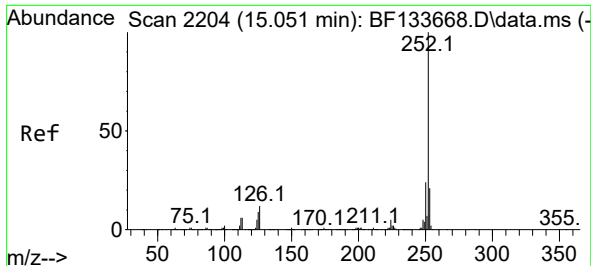
Tgt Ion:264 Resp: 152970
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.2
265 21.2 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.908 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.018 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:276 Resp: 93749
Ion Ratio Lower Upper
276 100
138 19.1 17.9 26.9
277 24.6 20.3 30.5

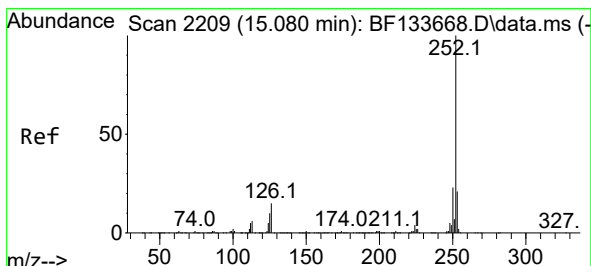
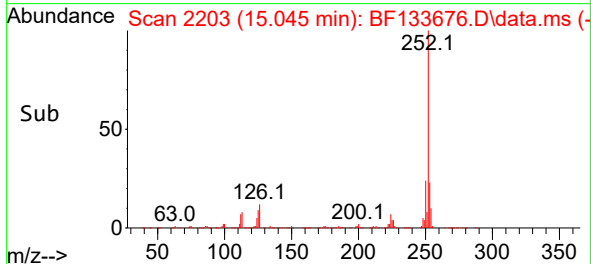
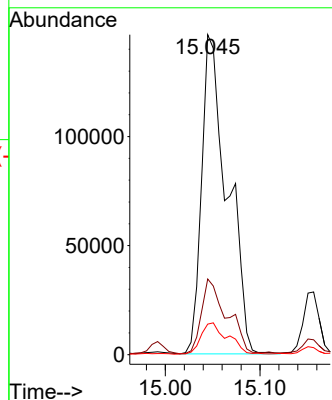
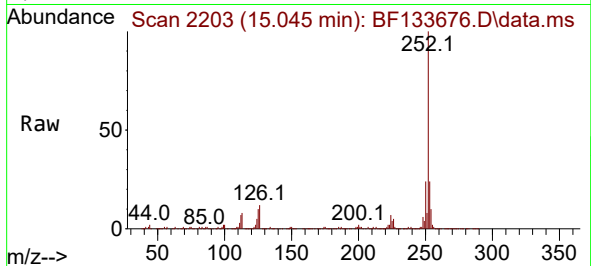




#88
Benzo(b)fluoranthene
Concen: 29.802 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

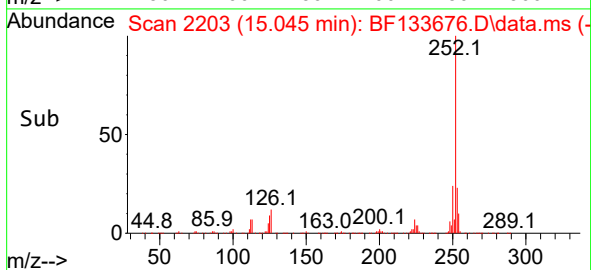
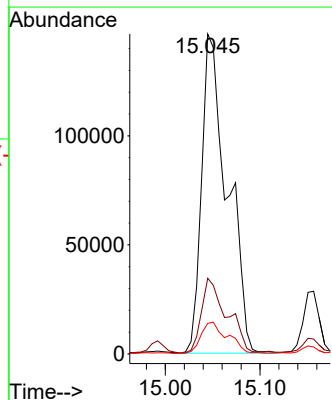
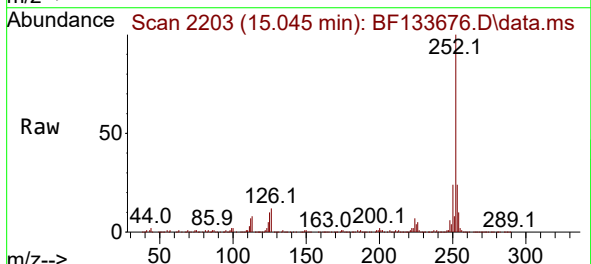
Instrument :
BNA_F
ClientSampleId :
RBR-251580

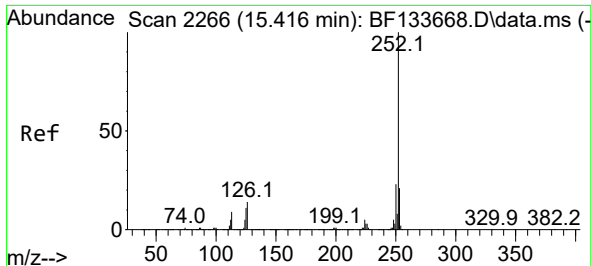
Tgt Ion:252 Resp: 276928
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 9.5 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 30.594 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.035 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Tgt Ion:252 Resp: 276928
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.4
125 9.5 7.8 11.6

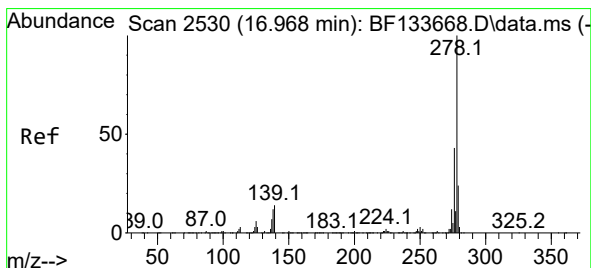
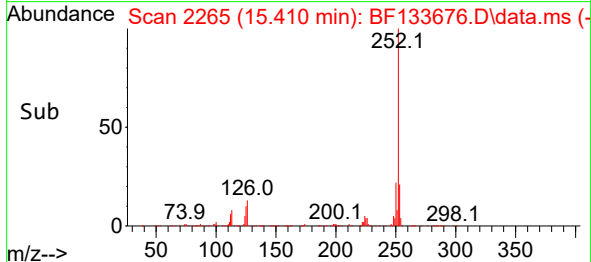
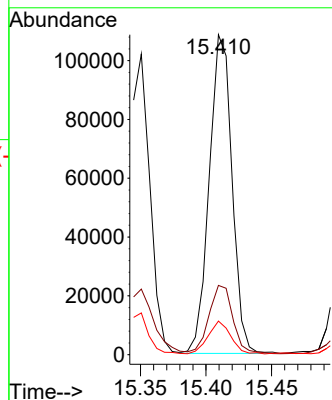
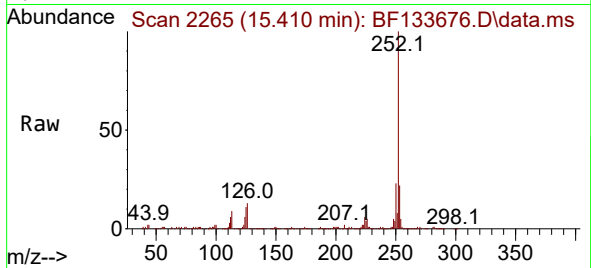




#90
Benzo(a)pyrene
Concen: 15.196 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

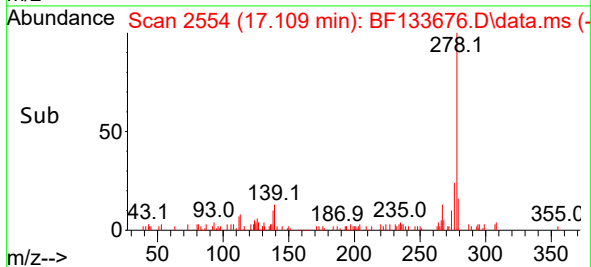
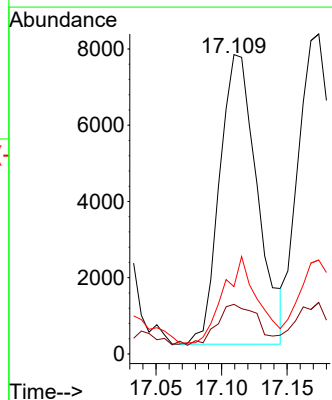
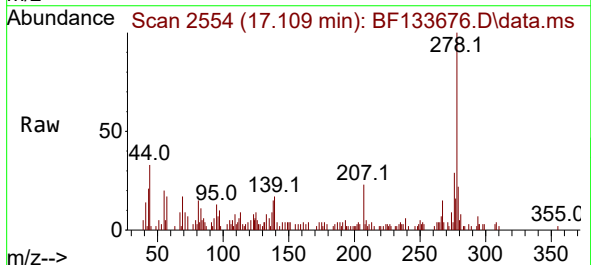
Instrument :
BNA_F
ClientSampleId :
RBR-251580

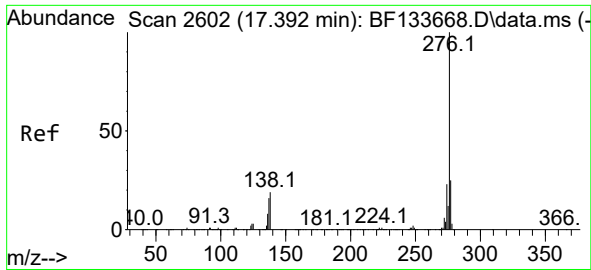
Tgt Ion:252 Resp: 131047
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.5 8.6 13.0



#91
Dibenzo(a,h)anthracene
Concen: 1.742 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.141 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

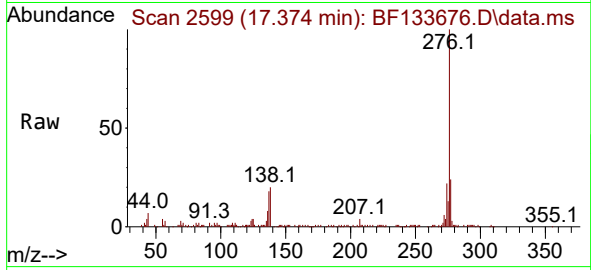
Tgt Ion:278 Resp: 15174
Ion Ratio Lower Upper
278 100
139 16.6 11.4 17.2
279 22.5 19.0 28.4





#92
Benzo(g,h,i)perylene
Concen: 9.634 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF133676.D
Acq: 09 Jun 2023 15:15

Instrument :
BNA_F
ClientSampleId :
RBR-251580



Tgt Ion:276 Resp: 83222
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.8
138 19.6 15.0 22.4

