

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135296.D
 Acq On : 16 Sep 2023 00:14
 Operator : CG\JU
 Sample : 04366-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC4

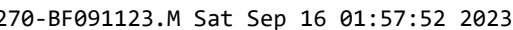
Quant Time: Sep 16 01:57:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

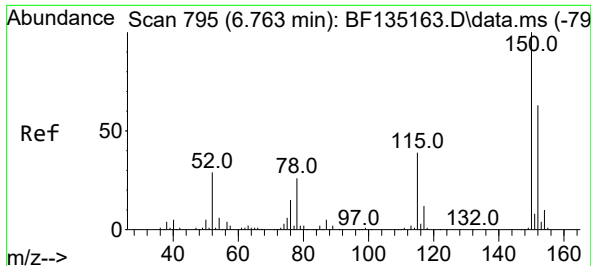
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	103841	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	355888	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	152647	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	252094	20.000	ng	0.00
76) Chrysene-d12	13.968	240	131447	20.000	ng	# 0.02
86) Perylene-d12	15.451	264	126995	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	27231	4.265	ng	0.00
7) Phenol-d6	6.404	99	39599	4.878	ng	0.00
23) Nitrobenzene-d5	7.316	82	23428	3.576	ng	-0.02
42) 2,4,6-Tribromophenol	10.592	330	8111	5.347	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	47268	4.672	ng	-0.01
79) Terphenyl-d14	12.892	244	37726	4.449	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.175	107	47427	6.558	ng	# 60
27) 2,4-Dimethylphenol	7.698	122	22783	4.362	ng	97
31) Naphthalene	8.057	128	143288	8.287	ng	99
32) Benzoic acid	7.834	122	17737	4.510	ng	# 18
33) 4-Chloroaniline	8.057	127	18073	2.382	ng	# 38
37) 2-Methylnaphthalene	8.751	142	168223	14.473	ng	97
38) 1-Methylnaphthalene	8.851	142	105874	9.729	ng	97
46) 1,1'-Biphenyl	9.216	154	52275	4.456	ng	99
52) Acenaphthene	9.828	154	58538	7.005	ng	98
54) 2,4-Dinitrophenol	9.992	184	563	6.652	ng	# 1
55) Dibenzofuran	10.004	168	94905	7.443	ng	# 85
56) 4-Nitrophenol	9.898	139	9202	5.456	ng	# 49
57) 2,4-Dinitrotoluene	9.998	165	7698	2.720	ng	# 34
58) Fluorene	10.345	166	91593	9.344	ng	99
66) n-Nitrosodiphenylamine	10.457	169	45483	5.959	ng	# 56
71) Phenanthrene	11.316	178	495862	41.589	ng	99
72) Anthracene	11.369	178	212385	17.330	ng	98
73) Carbazole	11.527	167	61413	5.505	ng	# 89
74) Di-n-butylphthalate	11.863	149	178736	13.596	ng	# 98
75) Fluoranthene	12.522	202	400879	32.268	ng	97
78) Pyrene	12.751	202	323380	25.840	ng	98
80) Butylbenzylphthalate	13.416	149	11711	2.658	ng	# 1
81) Benzo(a)anthracene	13.963	228	111742	13.165	ng	# 84
83) Chrysene	13.998	228	136037	16.120	ng	# 89
84) Bis(2-ethylhexyl)phtha...	13.951	149	162064	35.842	ng	# 83
85) Di-n-octyl phthalate	14.568	149	31004	4.315	ng	# 72
87) Indeno(1,2,3-cd)pyrene	16.933	276	36823	4.422	ng	98
88) Benzo(b)fluoranthene	15.021	252	111680	16.245	ng	# 43
89) Benzo(k)fluoranthene	15.021	252	111680	16.445	ng	# 44
90) Benzo(a)pyrene	15.386	252	47761	7.285	ng	# 45
92) Benzo(g,h,i)perylene	17.386	276	29632	4.165	ng	# 85

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

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QLast Update : Tue Sep 12 00:19:07 2023
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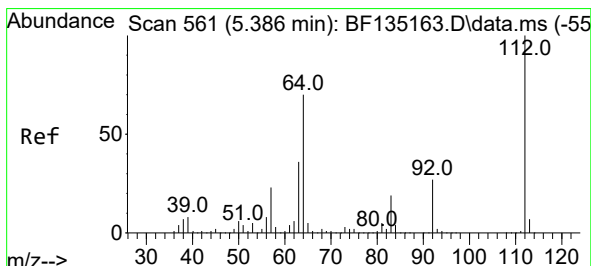
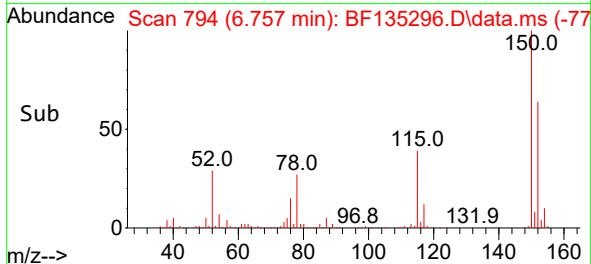
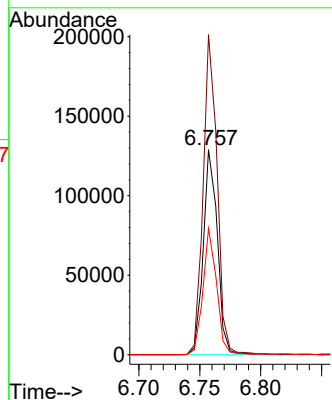
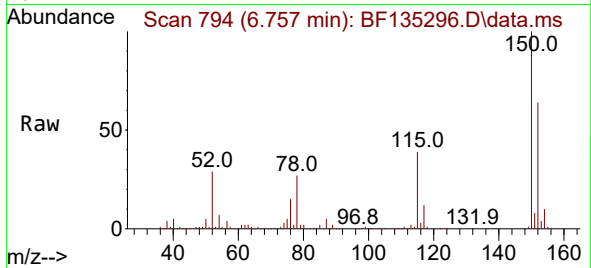




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

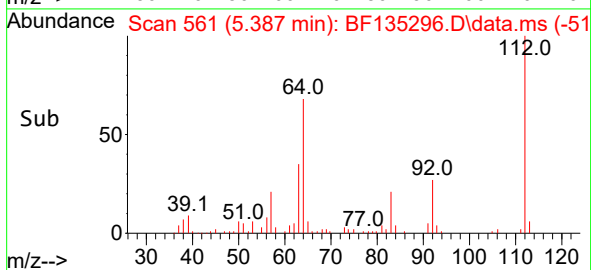
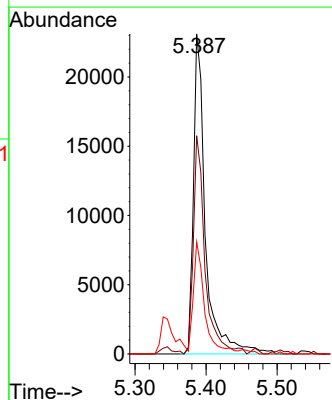
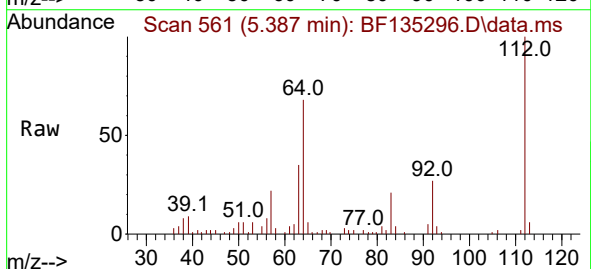
Instrument :
BNA_F
ClientSampleId :
WC4

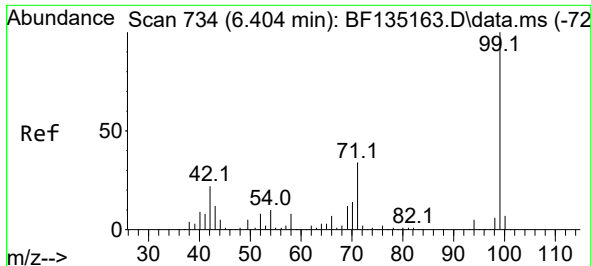
Tgt Ion:152 Resp: 103841
Ion Ratio Lower Upper
152 100
150 156.1 127.8 191.6
115 61.6 49.8 74.8



#5
2-Fluorophenol
Concen: 4.265 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:112 Resp: 27231
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.0 29.0 43.6

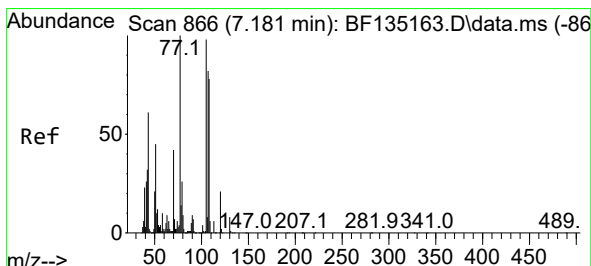
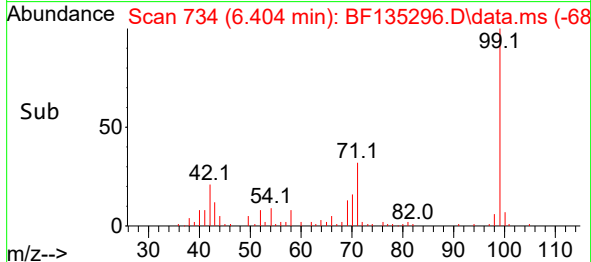
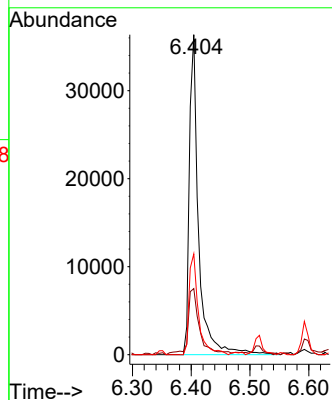
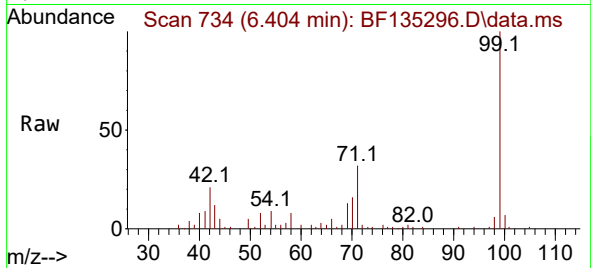




#7
Phenol-d6
Concen: 4.878 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

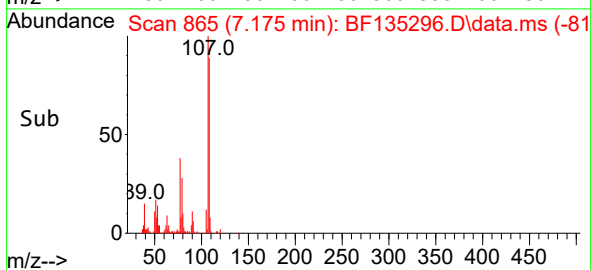
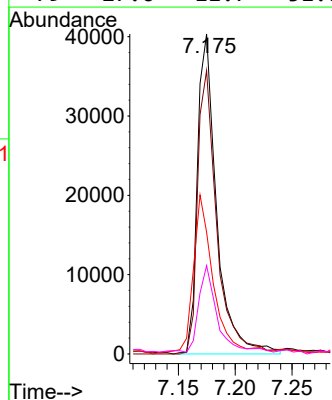
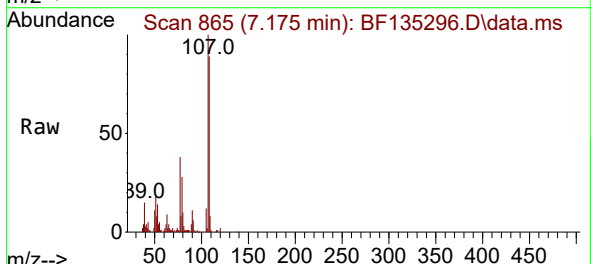
Instrument :
BNA_F
ClientSampleId :
WC4

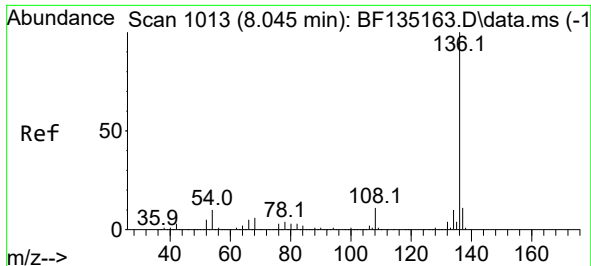
Tgt Ion: 99 Resp: 39599
Ion Ratio Lower Upper
99 100
42 20.6 17.9 26.9
71 31.5 27.0 40.6



#20
3+4-Methylphenols
Concen: 6.558 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion: 107 Resp: 47427
Ion Ratio Lower Upper
107 100
108 88.6 74.7 114.7
77 38.1 102.0 142.0#
79 27.6 11.7 51.7

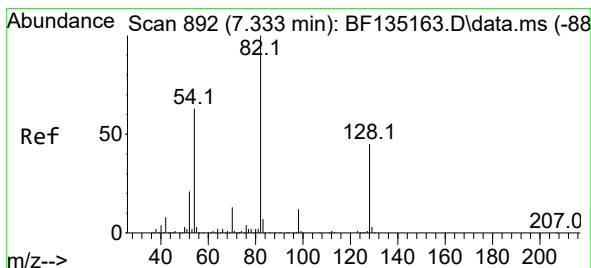
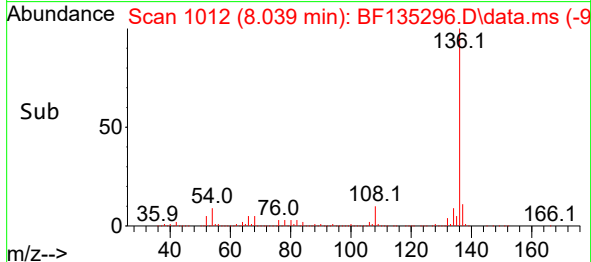
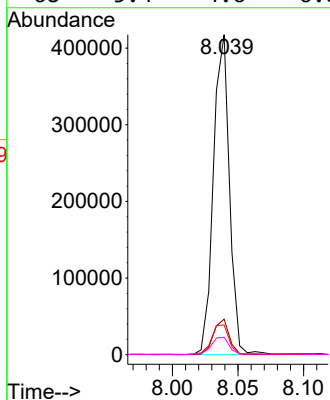
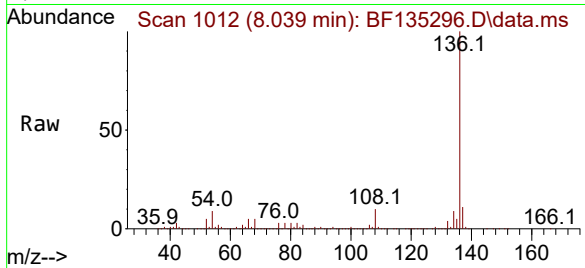




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

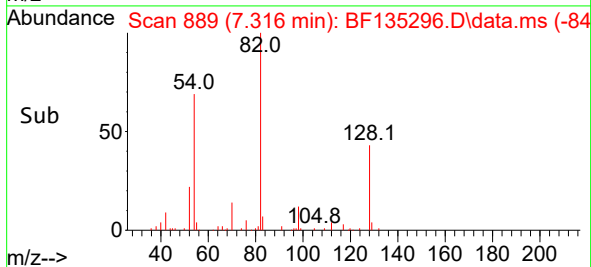
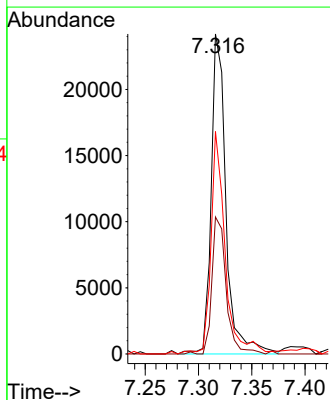
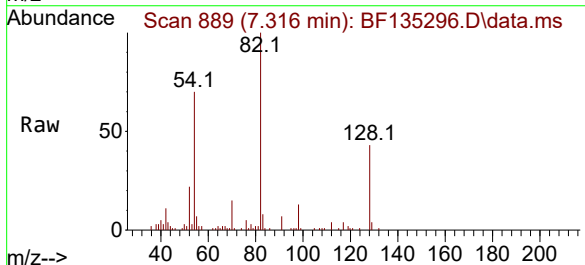
Instrument :
BNA_F
ClientSampleId :
WC4

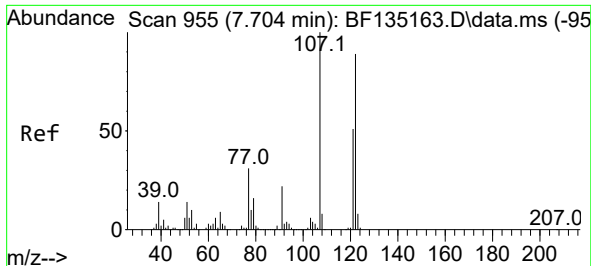
Tgt Ion:	136	Resp:	355888
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.7	11.5
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 3.576 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.017 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:	82	Resp:	23428
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.6
54	69.5	50.6	76.0





#27

2,4-Dimethylphenol

Concen: 4.362 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

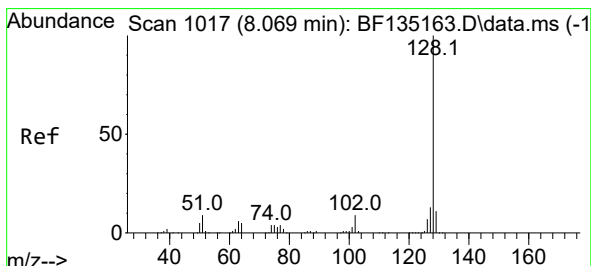
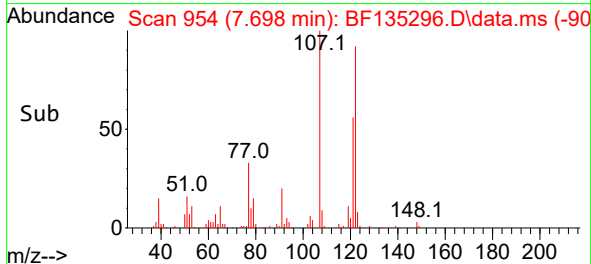
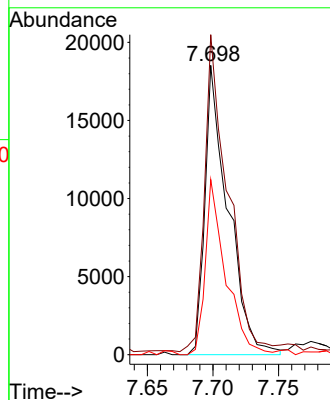
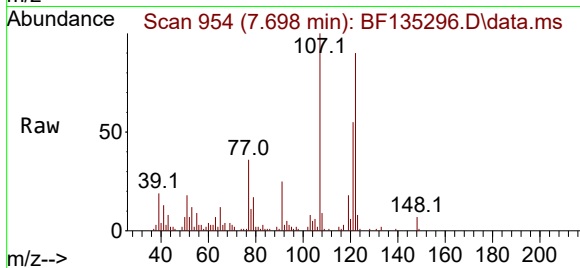
Tgt Ion:122 Resp: 22783

Ion Ratio Lower Upper

122 100

107 110.6 90.2 135.4

121 60.5 46.3 69.5



#31

Naphthalene

Concen: 8.287 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

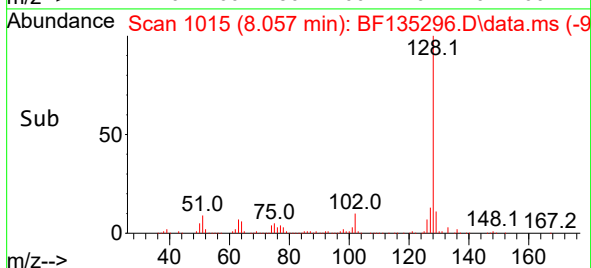
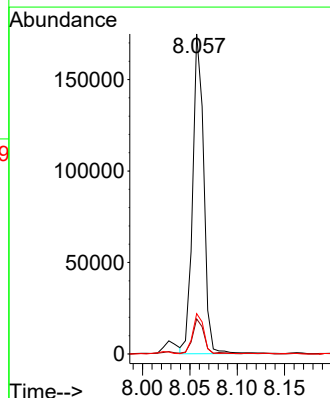
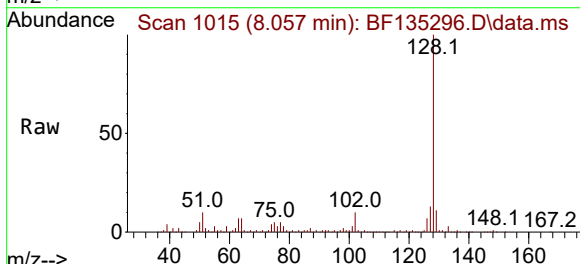
Tgt Ion:128 Resp: 143288

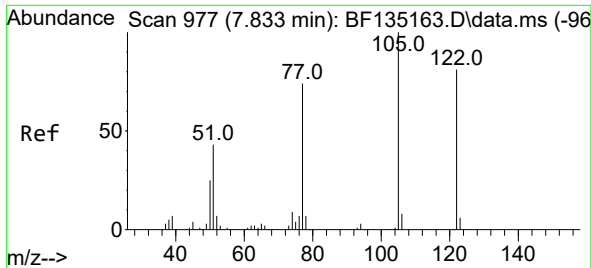
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.6 10.7 16.1





#32

Benzoic acid

Concen: 4.510 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

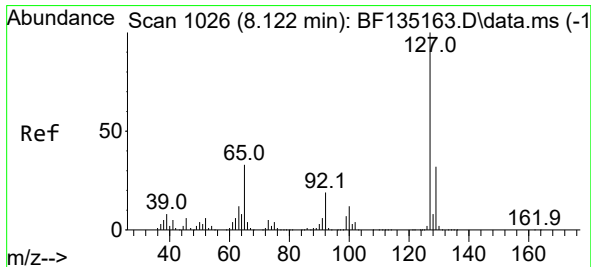
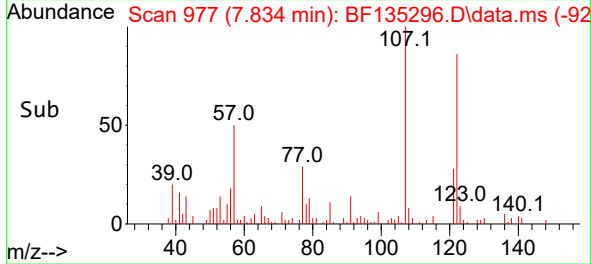
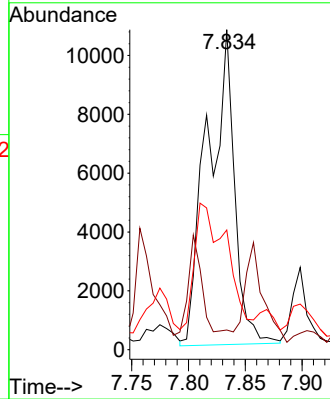
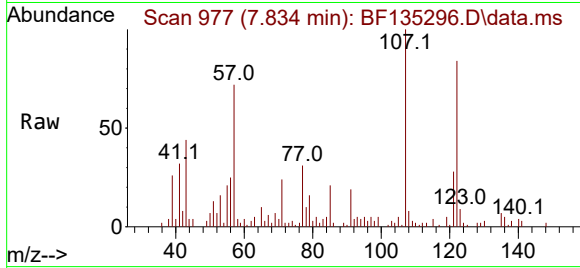
Tgt Ion:122 Resp: 17737

Ion Ratio Lower Upper

122 100

105 6.1 99.9 139.9#

77 37.4 70.0 110.0#



#33

4-Chloroaniline

Concen: 2.382 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.065 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Tgt Ion:127 Resp: 18073

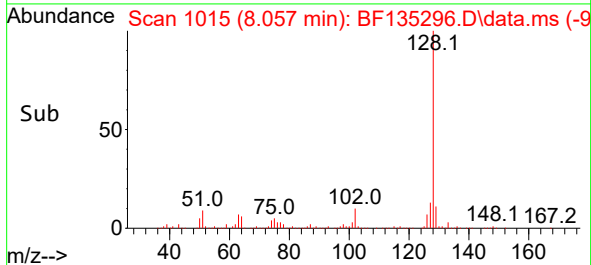
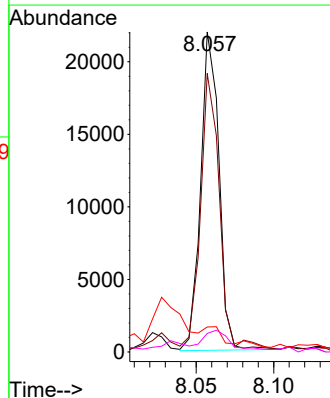
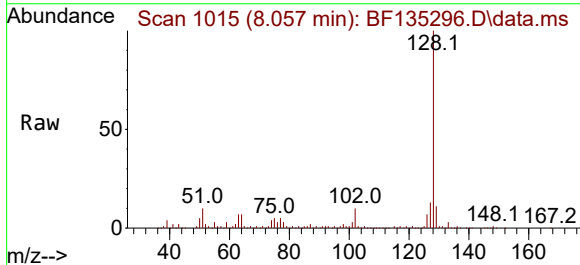
Ion Ratio Lower Upper

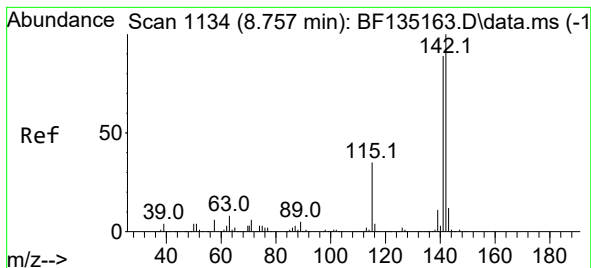
127 100

129 87.1 25.8 38.8#

65 7.8 26.6 39.8#

92 5.8 15.4 23.2#





#37

2-Methylnaphthalene

Concen: 14.473 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

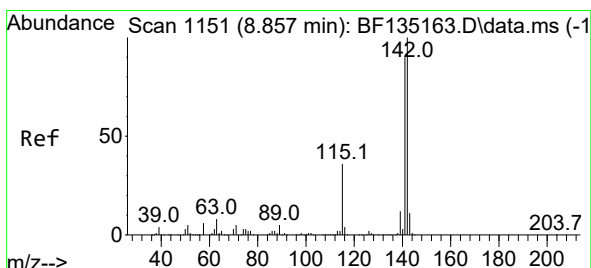
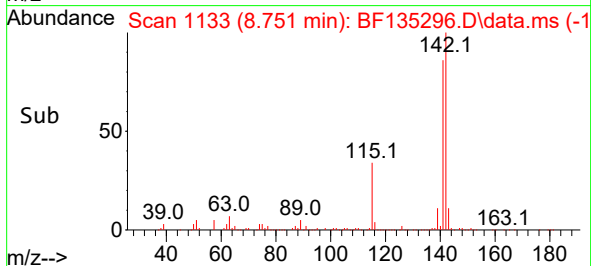
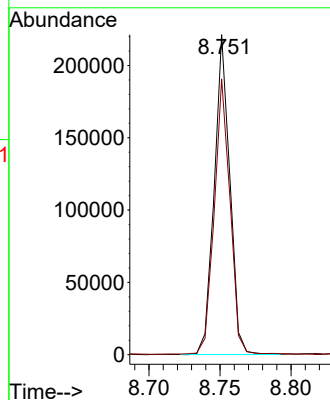
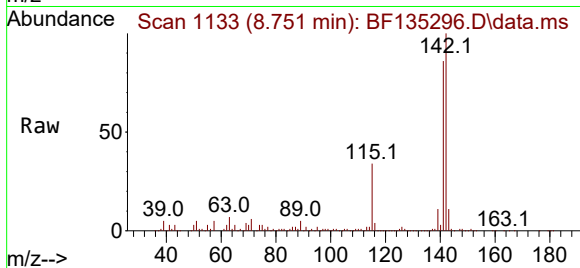
WC4

Tgt Ion:142 Resp: 168223

Ion Ratio Lower Upper

142 100

141 86.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 9.729 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135296.D

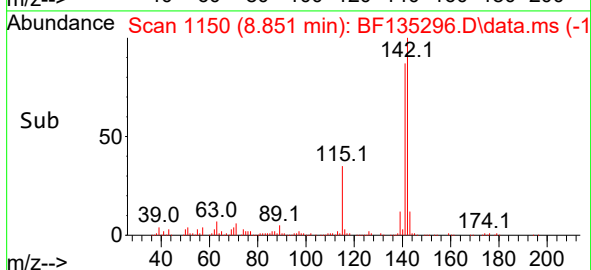
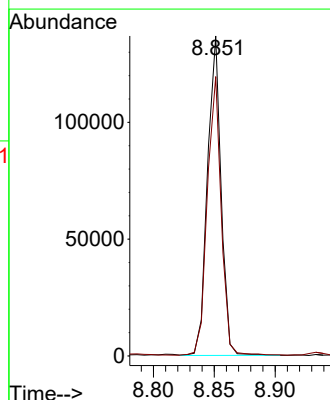
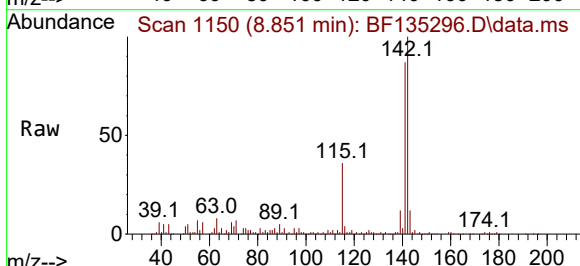
Acq: 16 Sep 2023 00:14

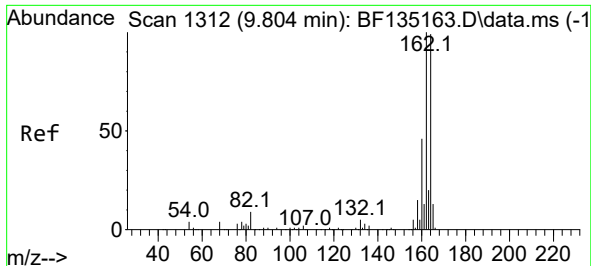
Tgt Ion:142 Resp: 105874

Ion Ratio Lower Upper

142 100

141 87.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

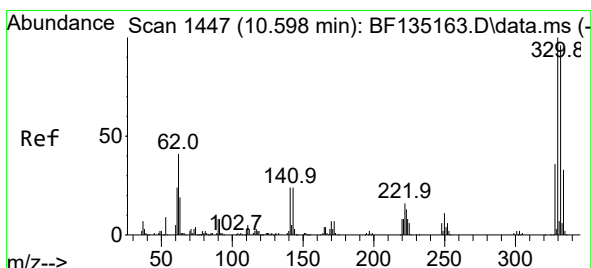
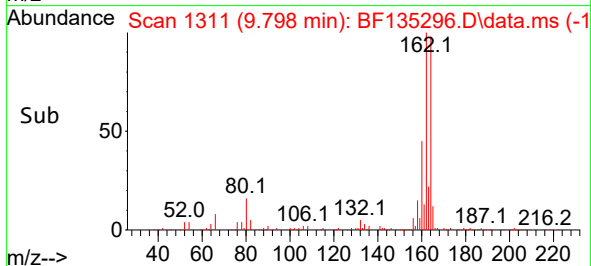
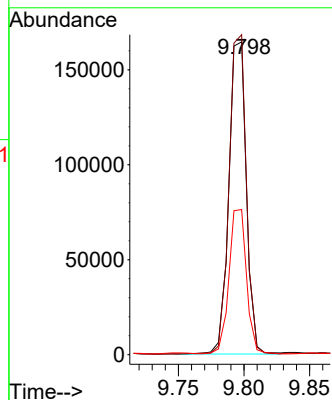
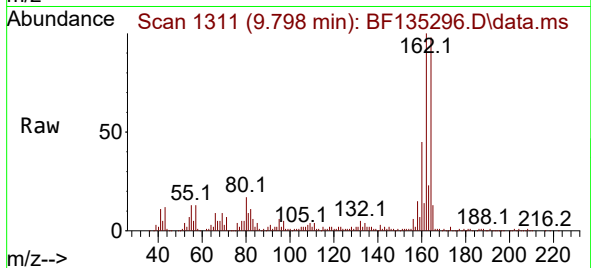
Tgt Ion:164 Resp: 152647

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

160 46.4 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 5.347 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

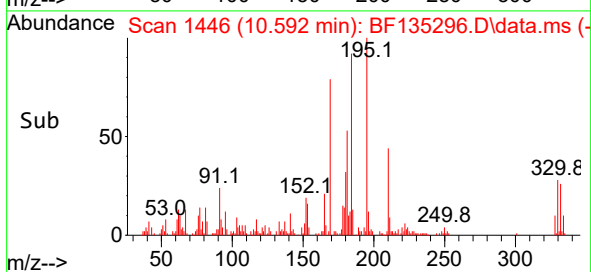
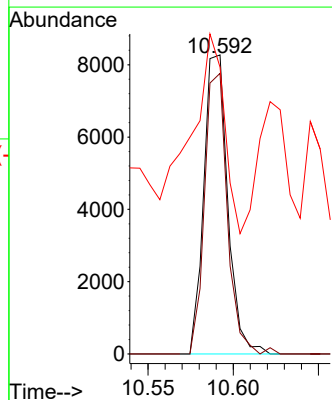
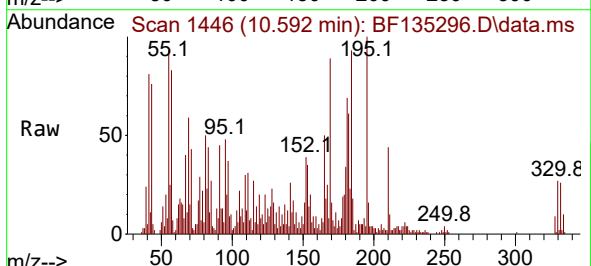
Tgt Ion:330 Resp: 8111

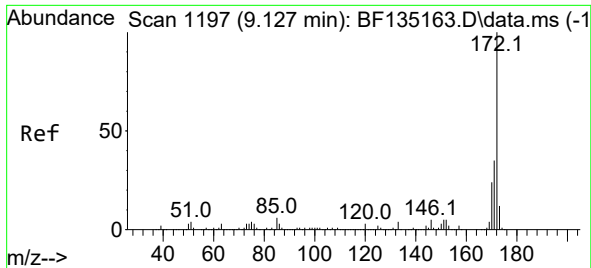
Ion Ratio Lower Upper

330 100

332 89.2 77.3 115.9

141 93.1 25.8 38.8#

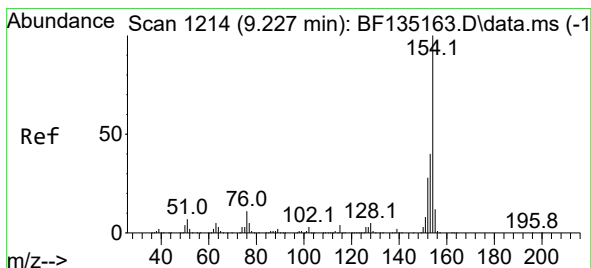
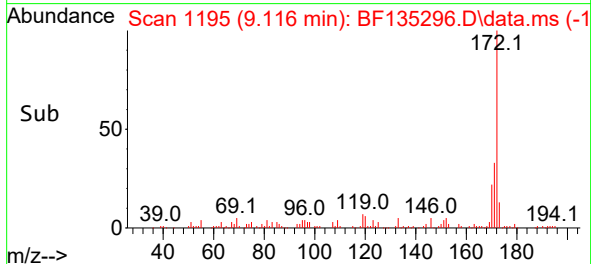
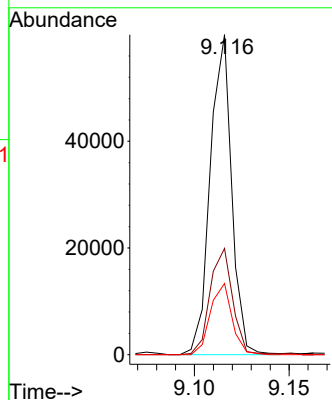
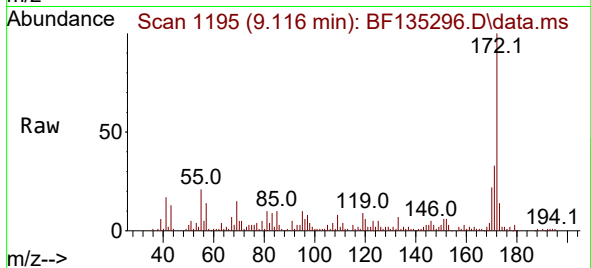




#45
2-Fluorobiphenyl
Concen: 4.672 ng
RT: 9.116 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

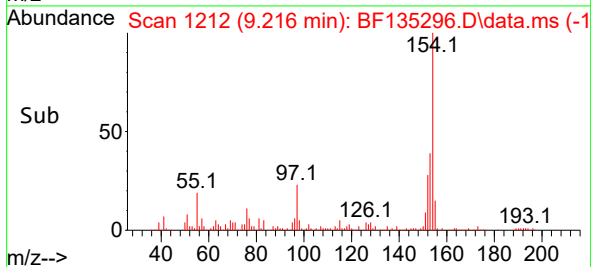
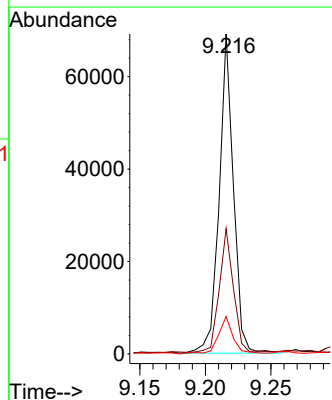
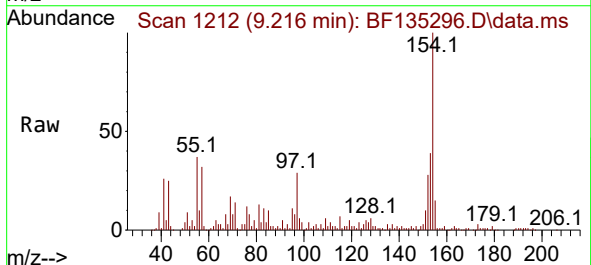
Instrument :
BNA_F
ClientSampleId :
WC4

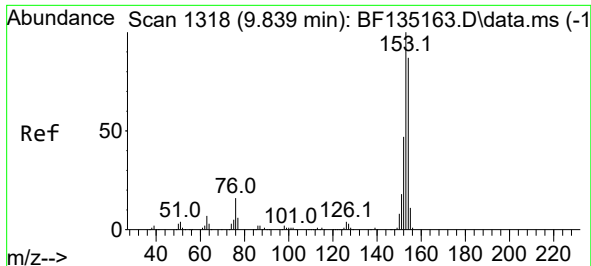
Tgt Ion:172 Resp: 47268
Ion Ratio Lower Upper
172 100
171 33.2 28.4 42.6
170 22.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 4.456 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:154 Resp: 52275
Ion Ratio Lower Upper
154 100
153 39.2 19.6 59.6
76 11.7 0.0 31.0

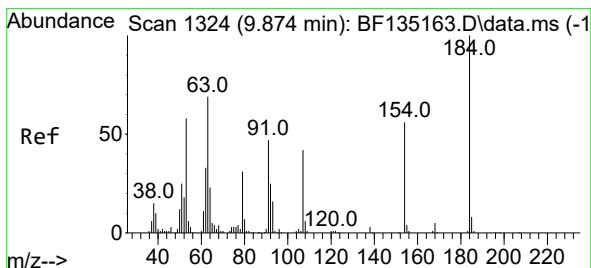
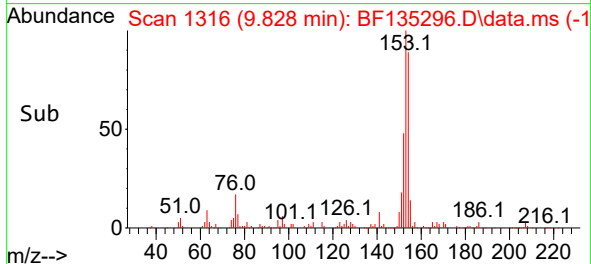
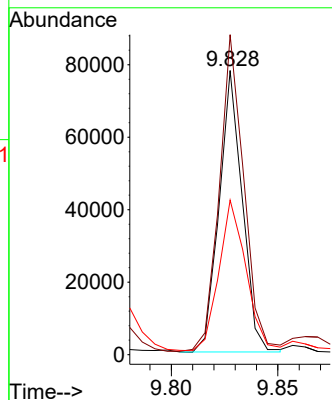
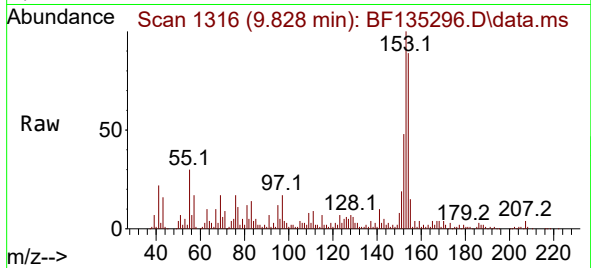




#52
Acenaphthene
Concen: 7.005 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

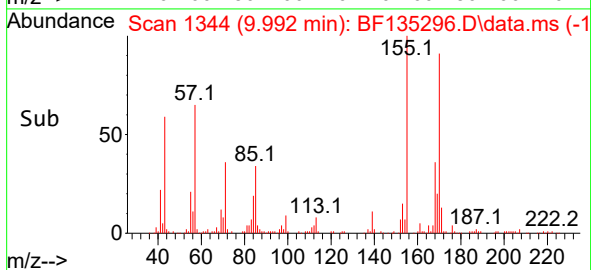
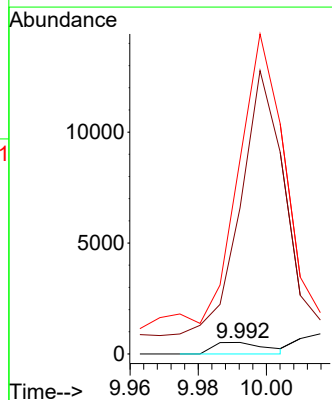
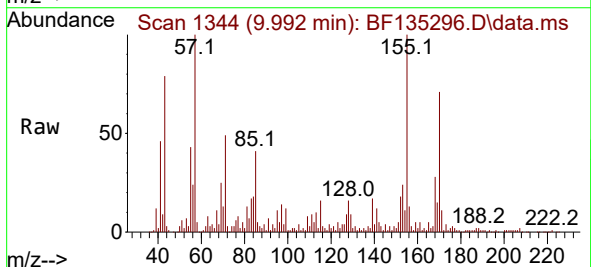
Instrument :
BNA_F
ClientSampleId :
WC4

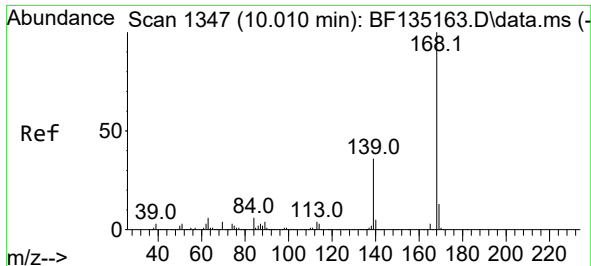
Tgt Ion:154 Resp: 58538
Ion Ratio Lower Upper
154 100
153 112.6 92.1 138.1
152 54.4 43.1 64.7



#54
2,4-Dinitrophenol
Concen: 6.652 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.118 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:184 Resp: 563
Ion Ratio Lower Upper
184 100
63 1273.1 55.1 82.7#
154 1695.6 48.4 72.6#

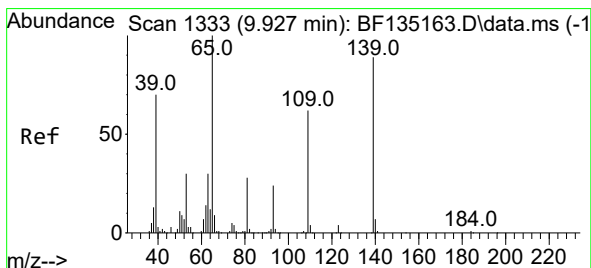
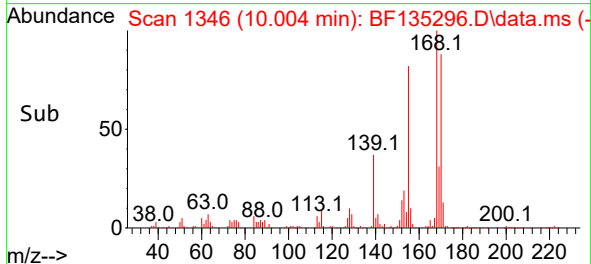
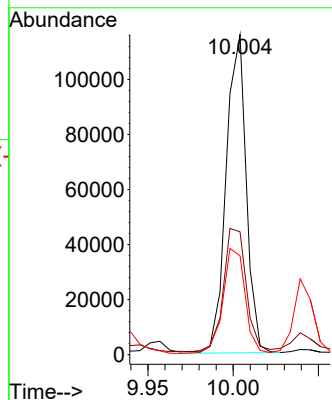
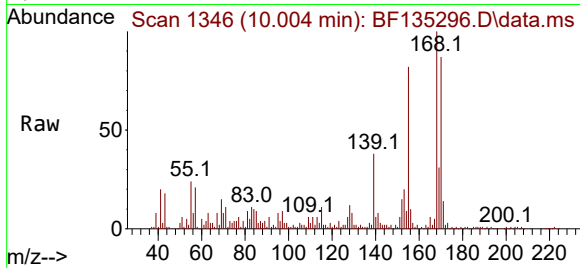




#55
Dibenzenofuran
Concen: 7.443 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

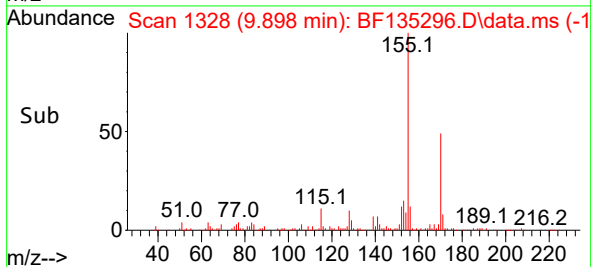
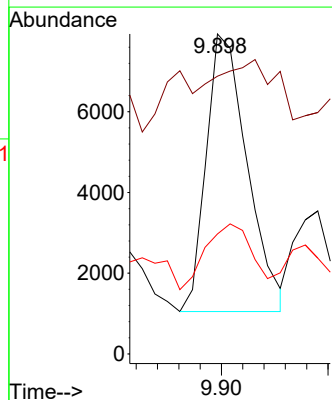
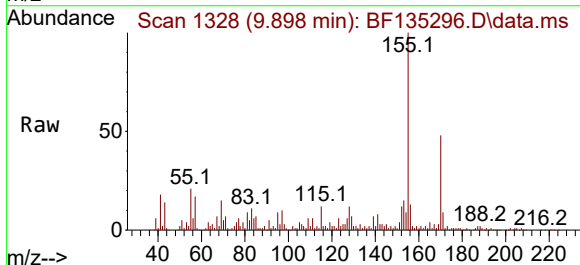
Instrument :
BNA_F
ClientSampleId :
WC4

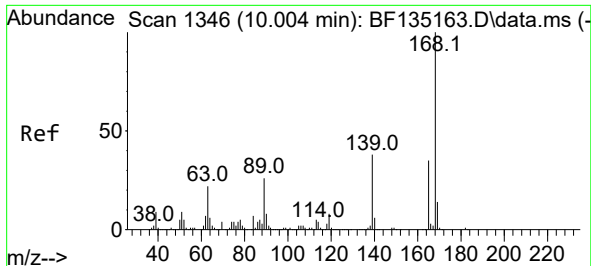
Tgt Ion:168 Resp: 94905
Ion Ratio Lower Upper
168 100
139 38.4 29.0 43.6
169 30.9 10.4 15.6#



#56
4-Nitrophenol
Concen: 5.456 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.029 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:139 Resp: 9202
Ion Ratio Lower Upper
139 100
109 86.8 49.8 89.8
65 37.5 92.7 132.7#

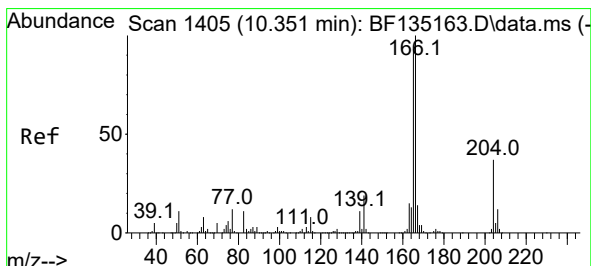
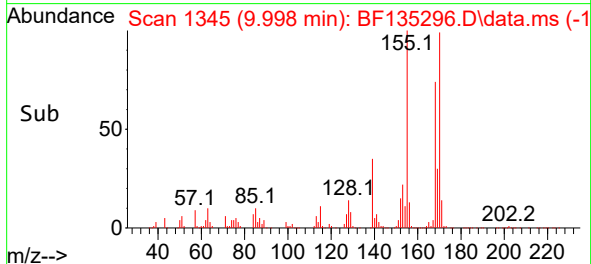
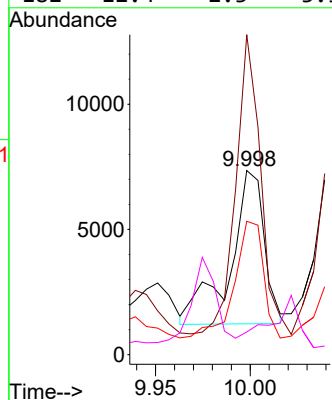
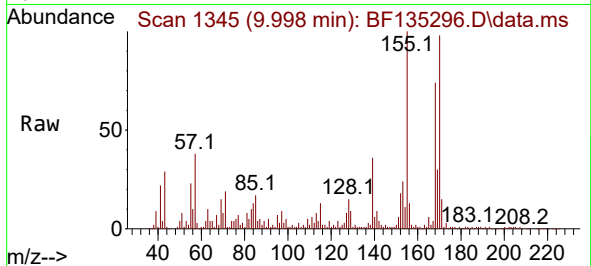




#57
2,4-Dinitrotoluene
Concen: 2.720 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

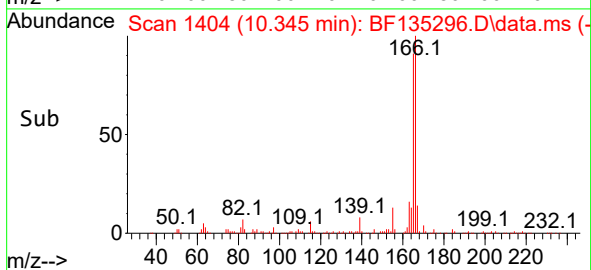
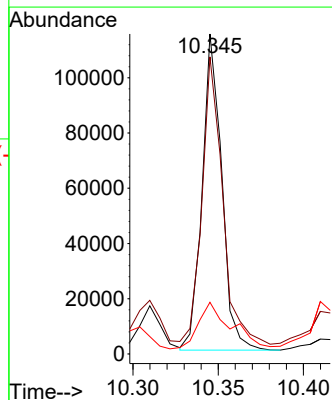
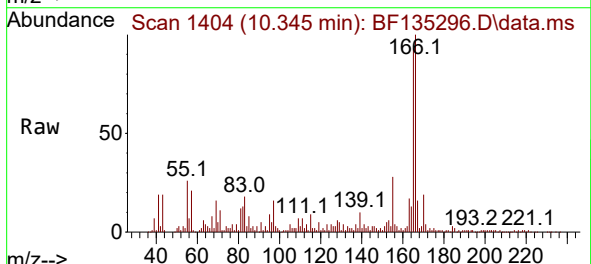
Instrument :
BNA_F
ClientSampleId :
WC4

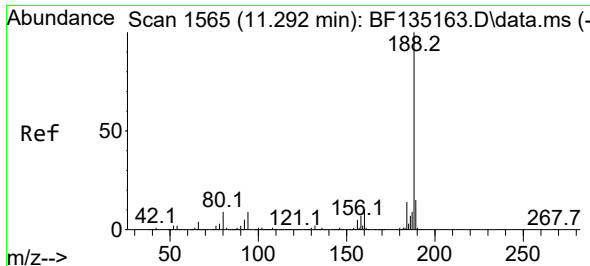
Tgt Ion:165 Resp: 7698
Ion Ratio Lower Upper
165 100
63 173.8 50.1 75.1#
89 72.5 59.3 88.9
182 12.4 2.3 3.5#



#58
Fluorene
Concen: 9.344 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:166 Resp: 91593
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 16.1 10.9 16.3

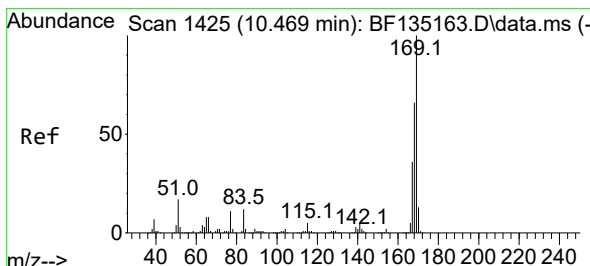
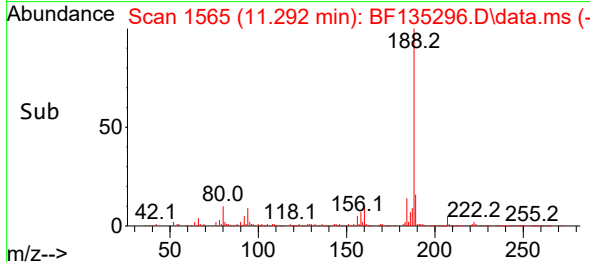
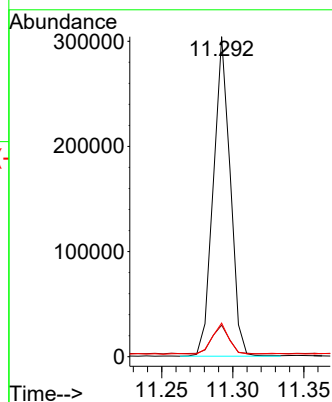
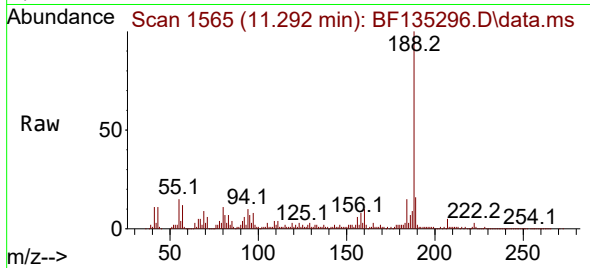




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

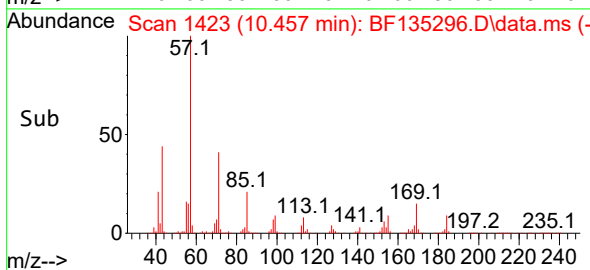
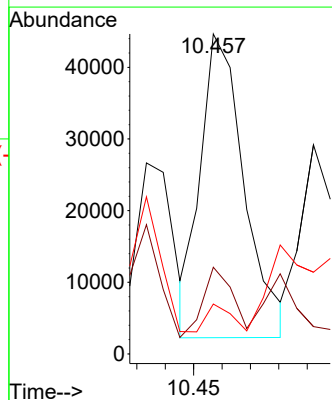
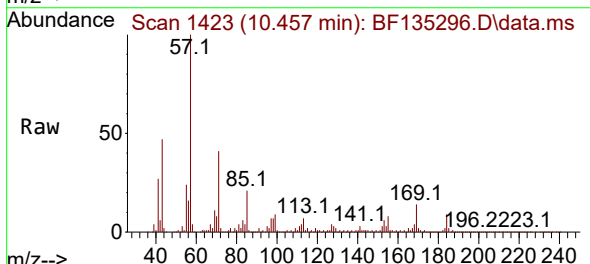
Instrument :
BNA_F
ClientSampleId :
WC4

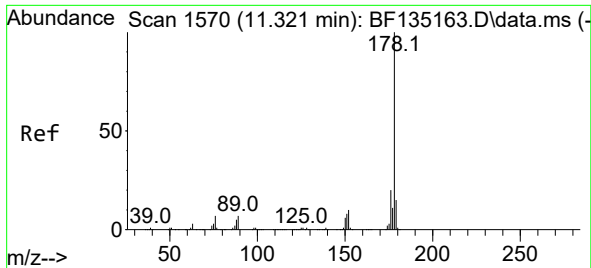
Tgt Ion:188 Resp: 252094
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 5.959 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:169 Resp: 45483
Ion Ratio Lower Upper
169 100
168 27.1 52.8 79.2#
167 15.6 29.0 43.6#

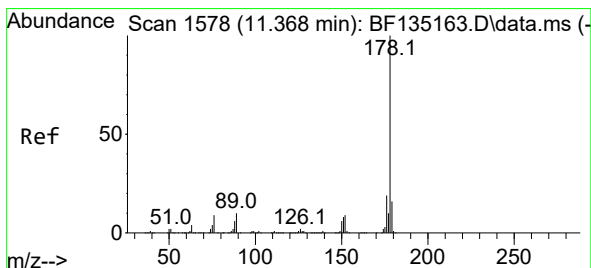
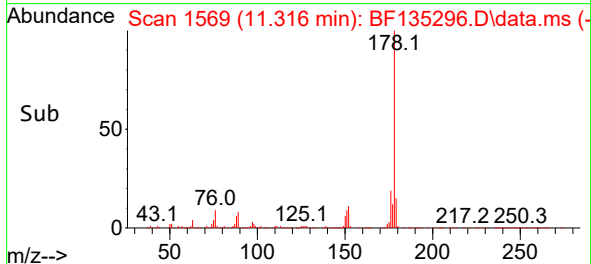
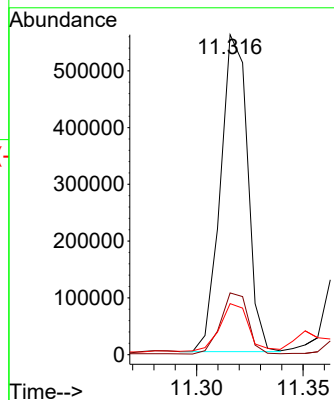
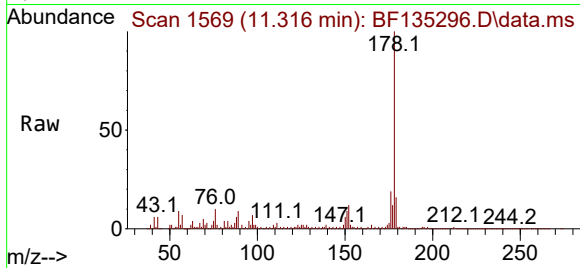




#71
Phenanthrene
Concen: 41.589 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

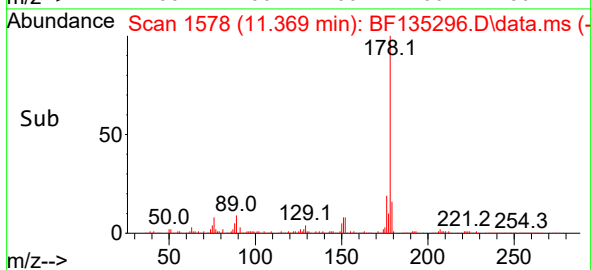
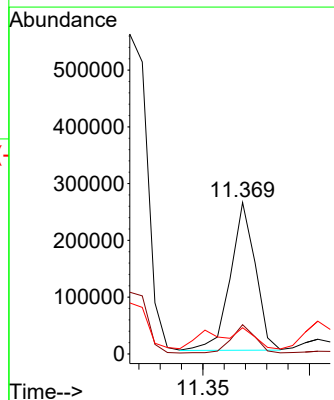
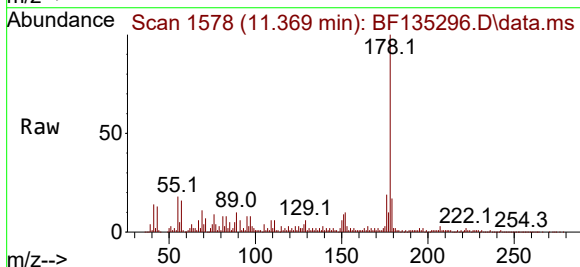
Instrument :
BNA_F
ClientSampleId :
WC4

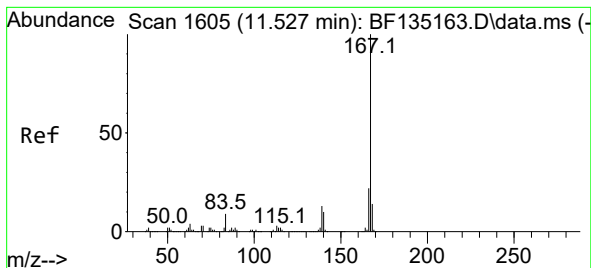
Tgt Ion:178 Resp: 495862
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 12.0 18.0



#72
Anthracene
Concen: 17.330 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:178 Resp: 212385
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 17.3 12.6 19.0





#73

Carbazole

Concen: 5.505 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

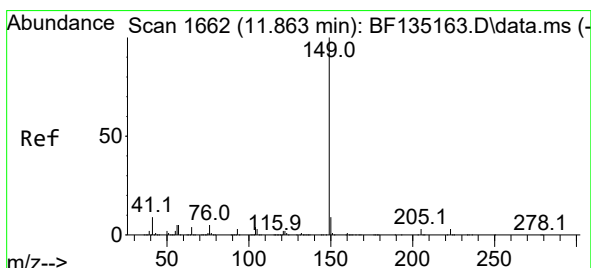
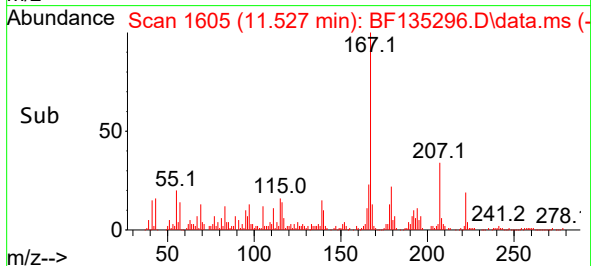
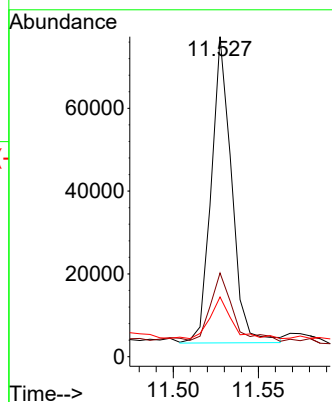
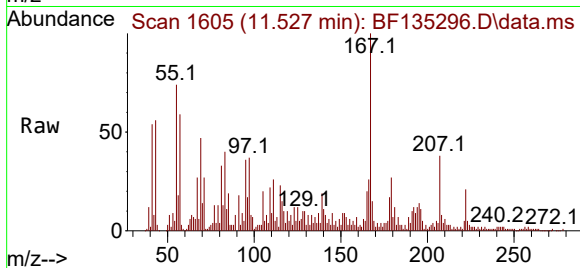
Tgt Ion:167 Resp: 61413

Ion Ratio Lower Upper

167 100

166 26.2 17.4 26.0#

139 18.7 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 13.596 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

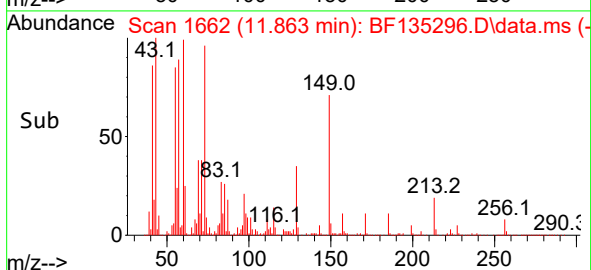
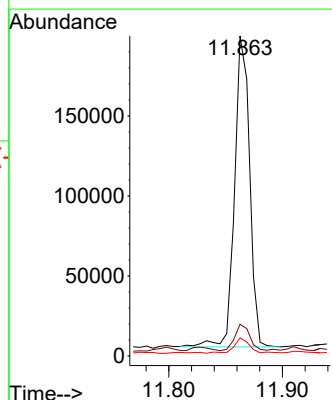
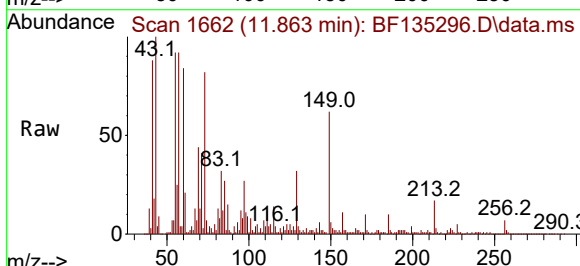
Tgt Ion:149 Resp: 178736

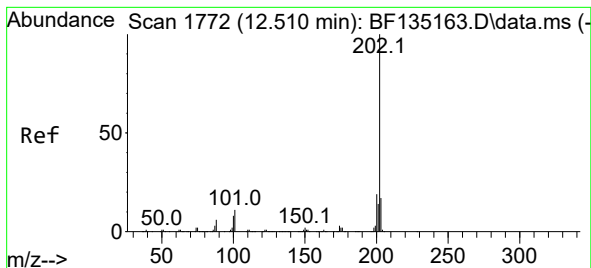
Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.0

104 5.6 3.6 5.4#





#75

Fluoranthene

Concen: 32.268 ng

RT: 12.522 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

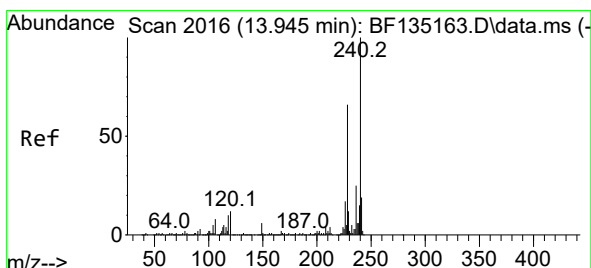
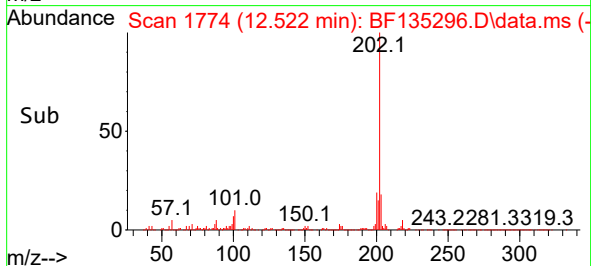
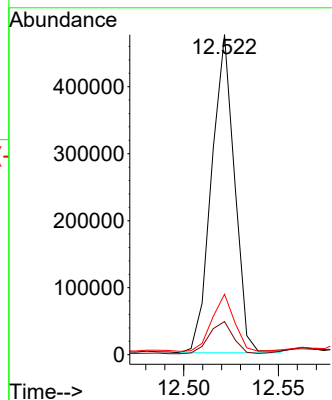
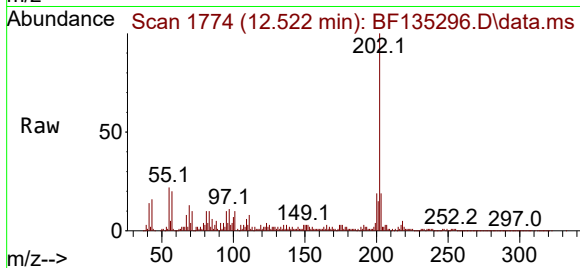
Tgt Ion:202 Resp: 400879

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.3

203 18.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.024 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

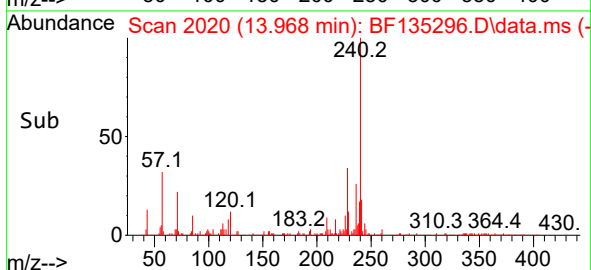
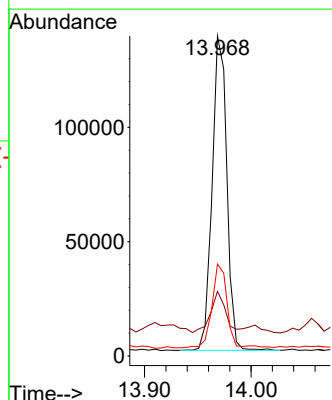
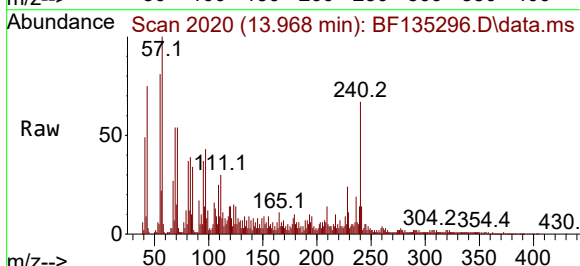
Tgt Ion:240 Resp: 131447

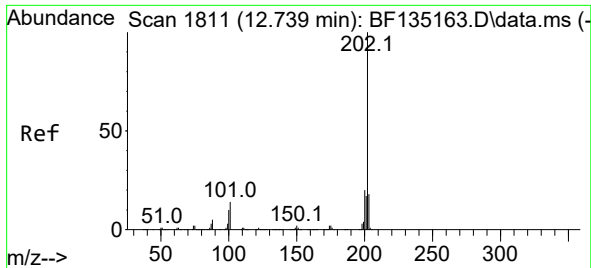
Ion Ratio Lower Upper

240 100

120 20.2 9.4 14.2#

236 28.7 19.8 29.8

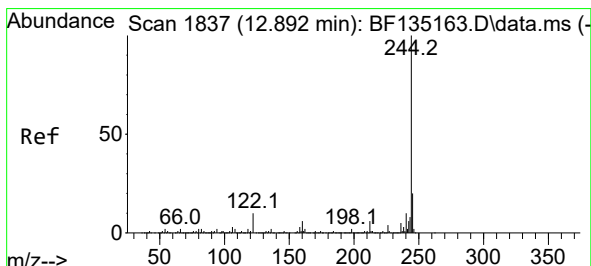
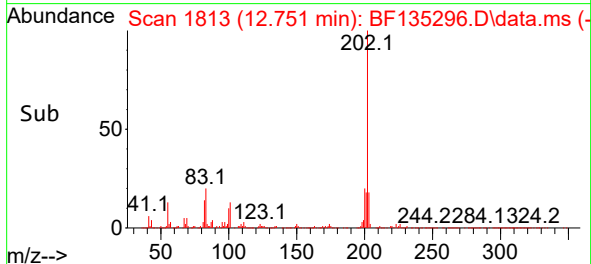
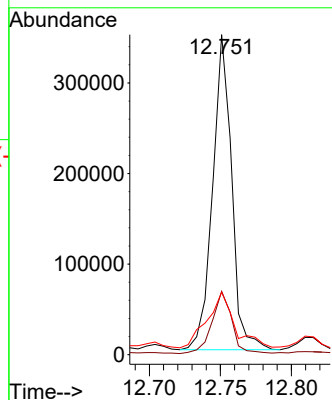
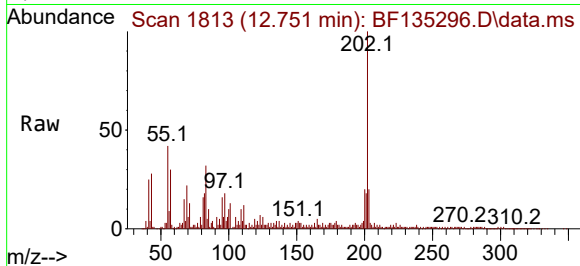




#78
Pyrene
Concen: 25.840 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.012 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

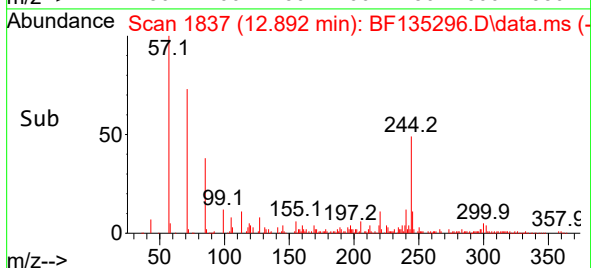
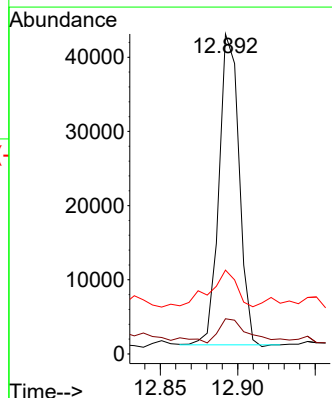
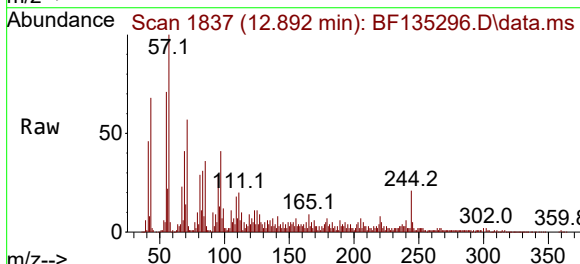
Instrument :
BNA_F
ClientSampleId :
WC4

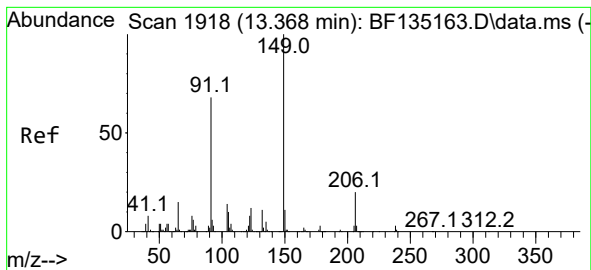
Tgt Ion:202 Resp: 323380
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 19.6 14.2 21.4



#79
Terphenyl-d14
Concen: 4.449 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Tgt Ion:244 Resp: 37726
Ion Ratio Lower Upper
244 100
212 11.0 5.1 7.7#
122 26.2 7.9 11.9#





#80

Butylbenzylphthalate

Concen: 2.658 ng

RT: 13.416 min Scan# 1918

Delta R.T. 0.047 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

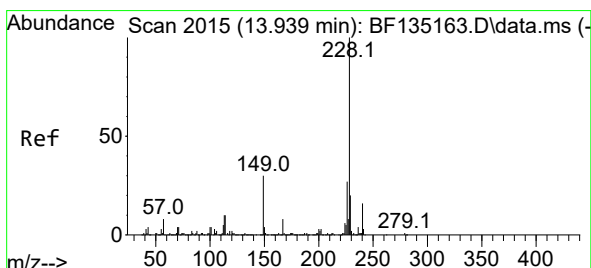
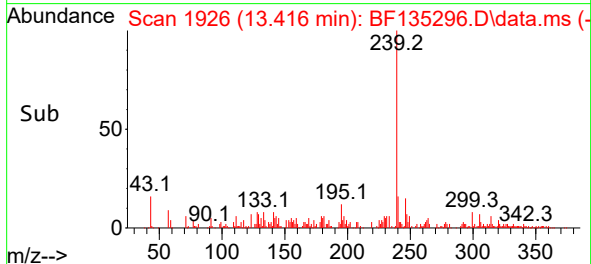
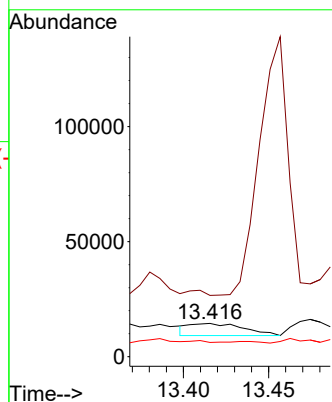
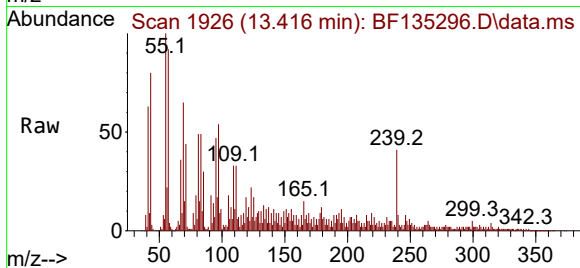
Tgt Ion:149 Resp: 11711

Ion Ratio Lower Upper

149 100

91 184.2 54.7 82.1#

206 43.0 16.3 24.5#



#81

Benzo(a)anthracene

Concen: 13.165 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.024 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

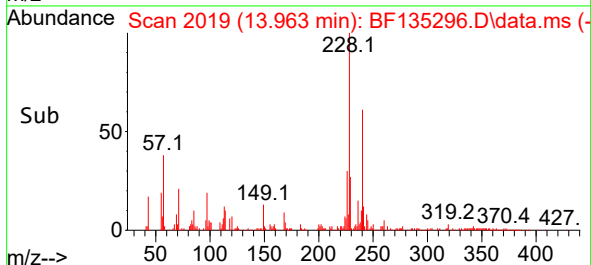
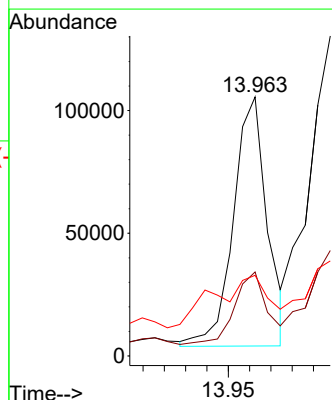
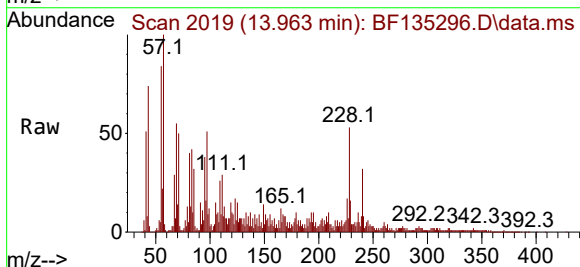
Tgt Ion:228 Resp: 111742

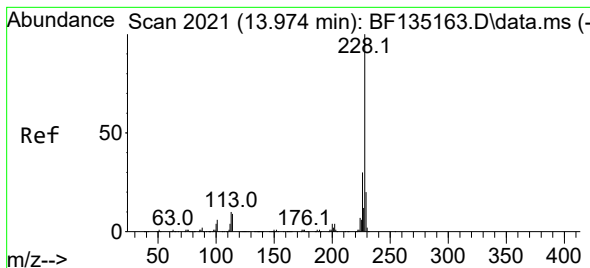
Ion Ratio Lower Upper

228 100

226 32.4 21.7 32.5

229 31.1 15.8 23.8#





#83

Chrysene

Concen: 16.120 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

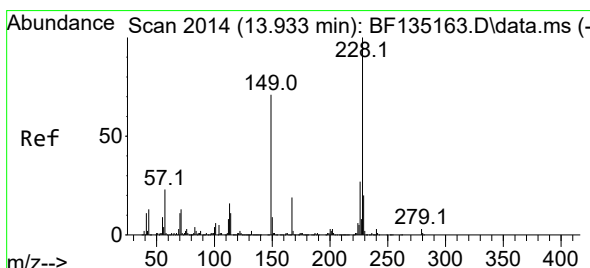
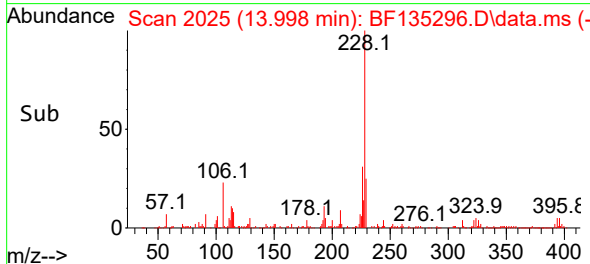
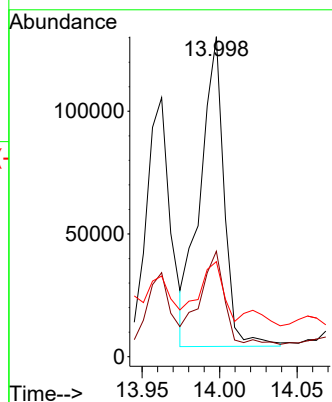
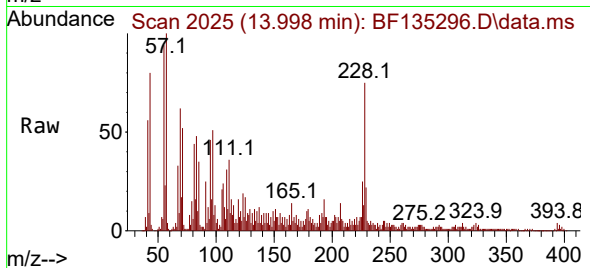
Tgt Ion:228 Resp: 136037

Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

229 29.7 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.842 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.018 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

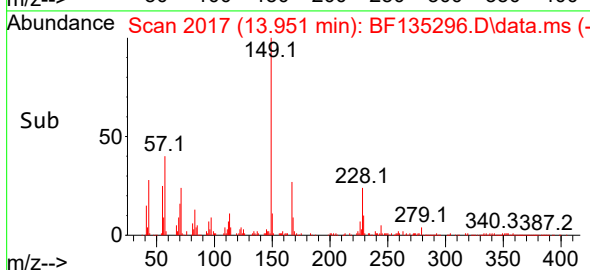
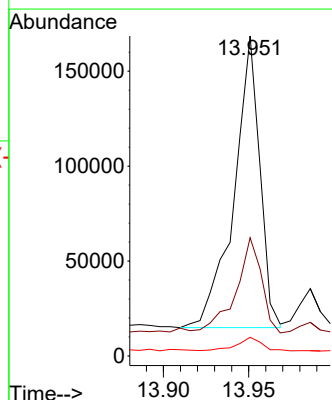
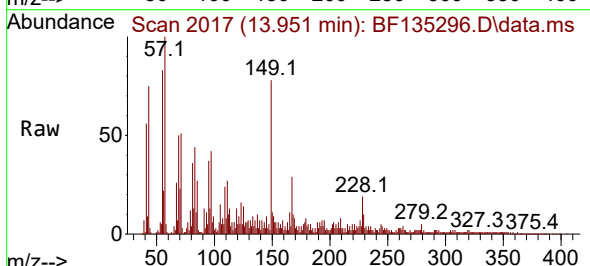
Tgt Ion:149 Resp: 162064

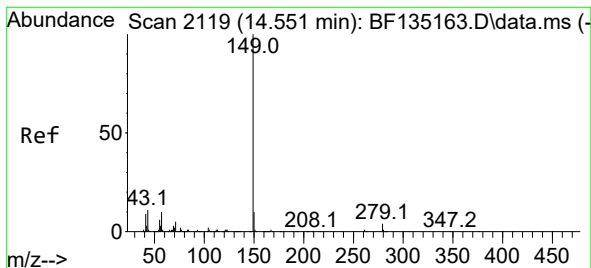
Ion Ratio Lower Upper

149 100

167 36.9 21.9 32.9#

279 5.8 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 4.315 ng

RT: 14.568 min Scan# 2119

Delta R.T. 0.018 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

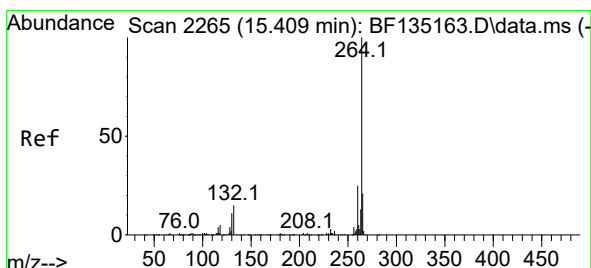
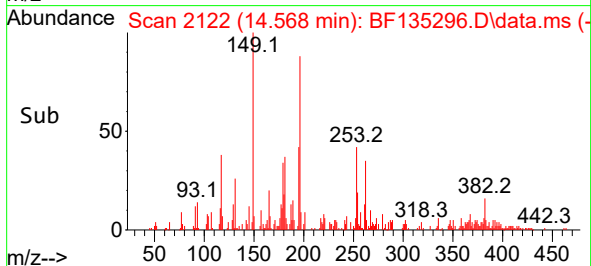
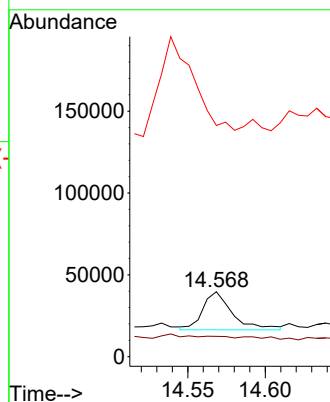
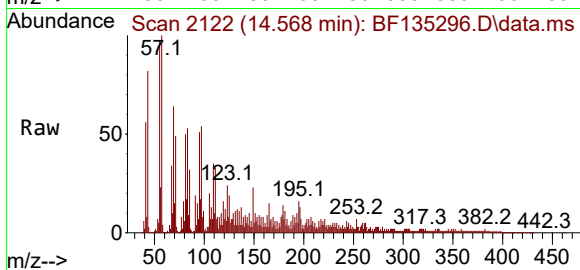
Tgt Ion:149 Resp: 31004

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 0.0 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.041 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

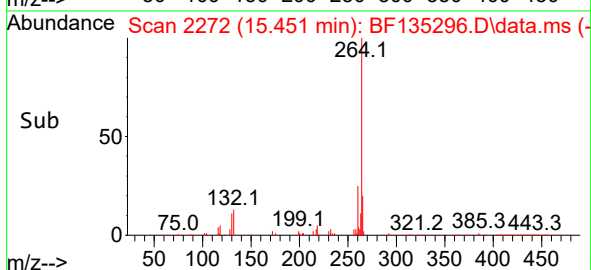
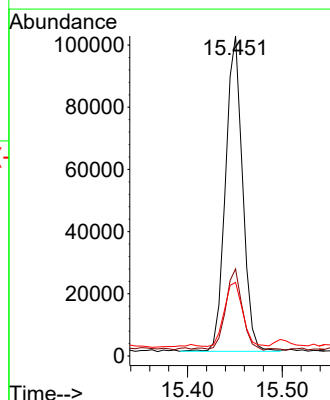
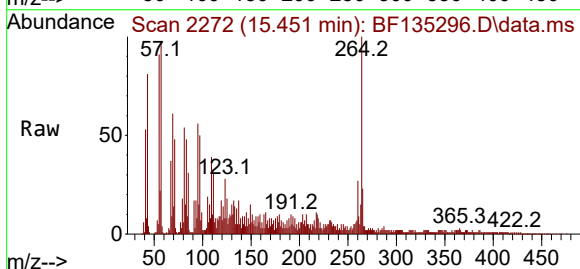
Tgt Ion:264 Resp: 126995

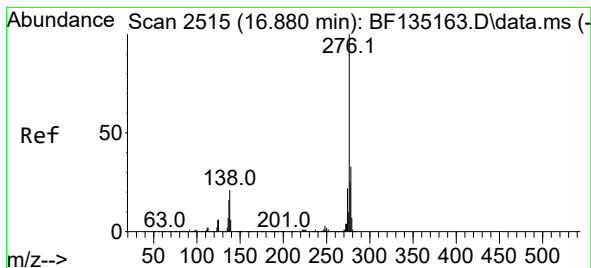
Ion Ratio Lower Upper

264 100

260 27.2 19.8 29.6

265 23.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.422 ng

RT: 16.933 min Scan# 2199

Delta R.T. 0.053 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

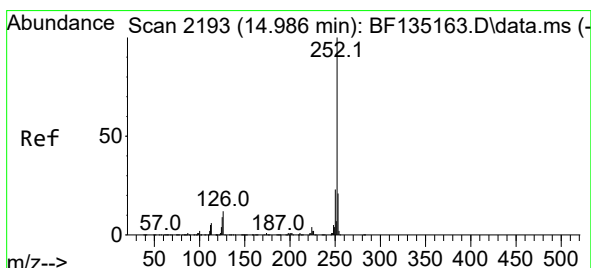
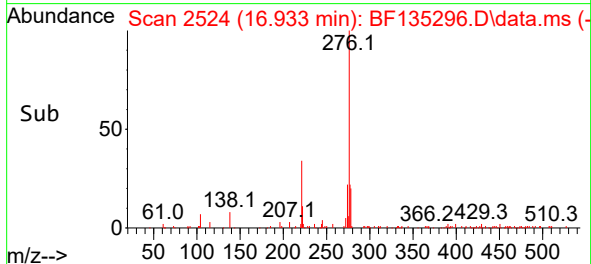
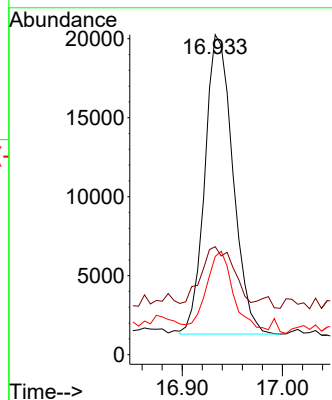
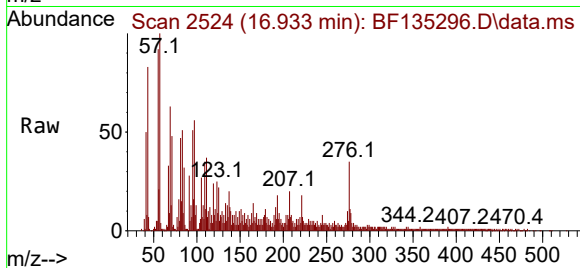
Tgt Ion:276 Resp: 36823

Ion Ratio Lower Upper

276 100

138 21.7 19.2 28.8

277 24.5 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 16.245 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

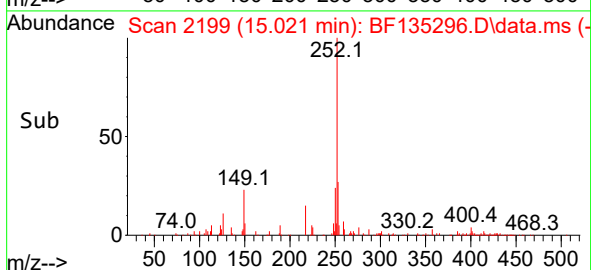
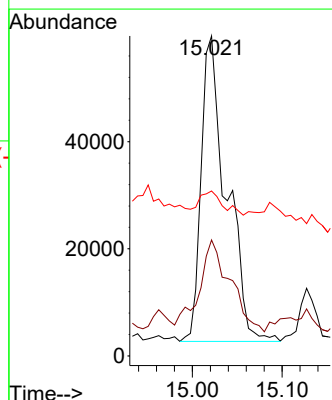
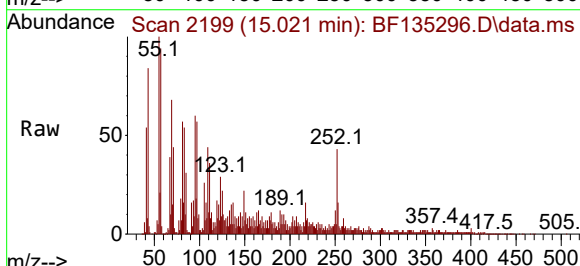
Tgt Ion:252 Resp: 111680

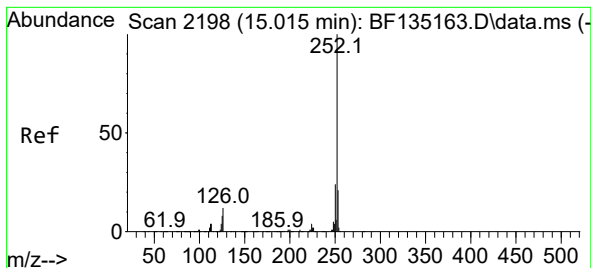
Ion Ratio Lower Upper

252 100

253 36.3 17.2 25.8#

125 51.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 16.445 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

WC4

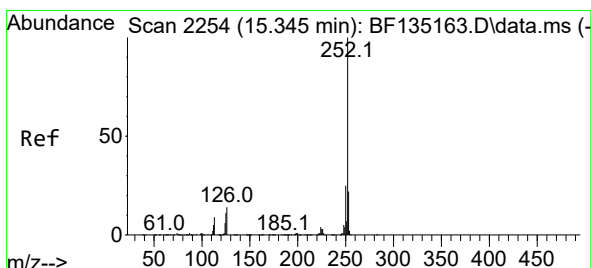
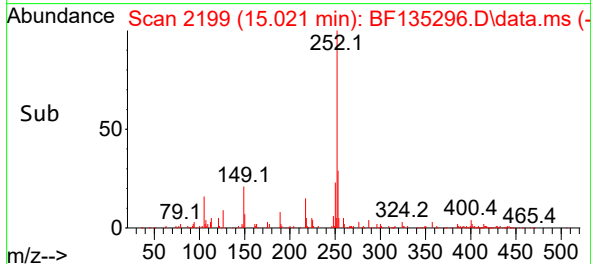
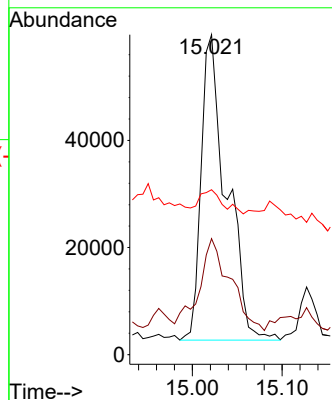
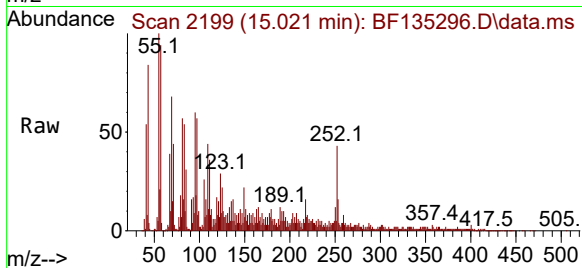
Tgt Ion:252 Resp: 111680

Ion Ratio Lower Upper

252 100

253 36.3 17.4 26.0#

125 51.5 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 7.285 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.041 min

Lab File: BF135296.D

Acq: 16 Sep 2023 00:14

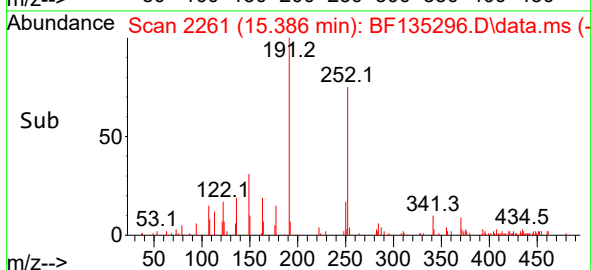
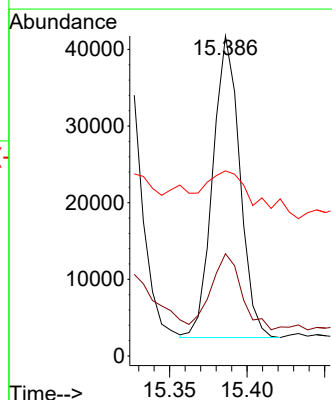
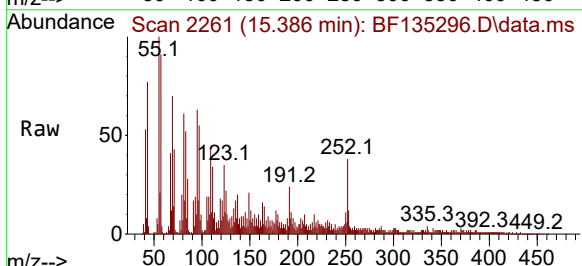
Tgt Ion:252 Resp: 47761

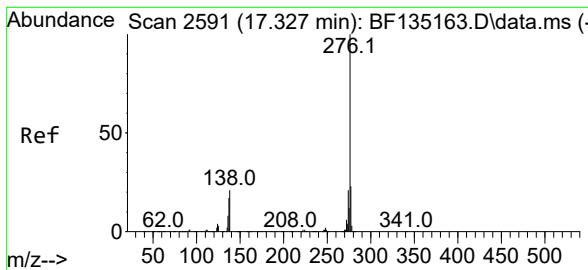
Ion Ratio Lower Upper

252 100

253 31.9 17.5 26.3#

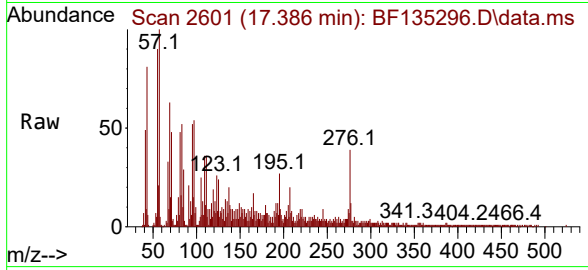
125 57.8 9.2 13.8#





#92
Benzo(g,h,i)perylene
Concen: 4.165 ng
RT: 17.386 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF135296.D
Acq: 16 Sep 2023 00:14

Instrument :
BNA_F
ClientSampleId :
WC4



Tgt Ion: 276 Resp: 29632
Ion Ratio Lower Upper
276 100
277 30.2 18.8 28.2#
138 28.9 16.9 25.3#

