

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135635.D
 Acq On : 06 Oct 2023 18:25
 Operator : CG\JU
 Sample : 04736-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:50:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

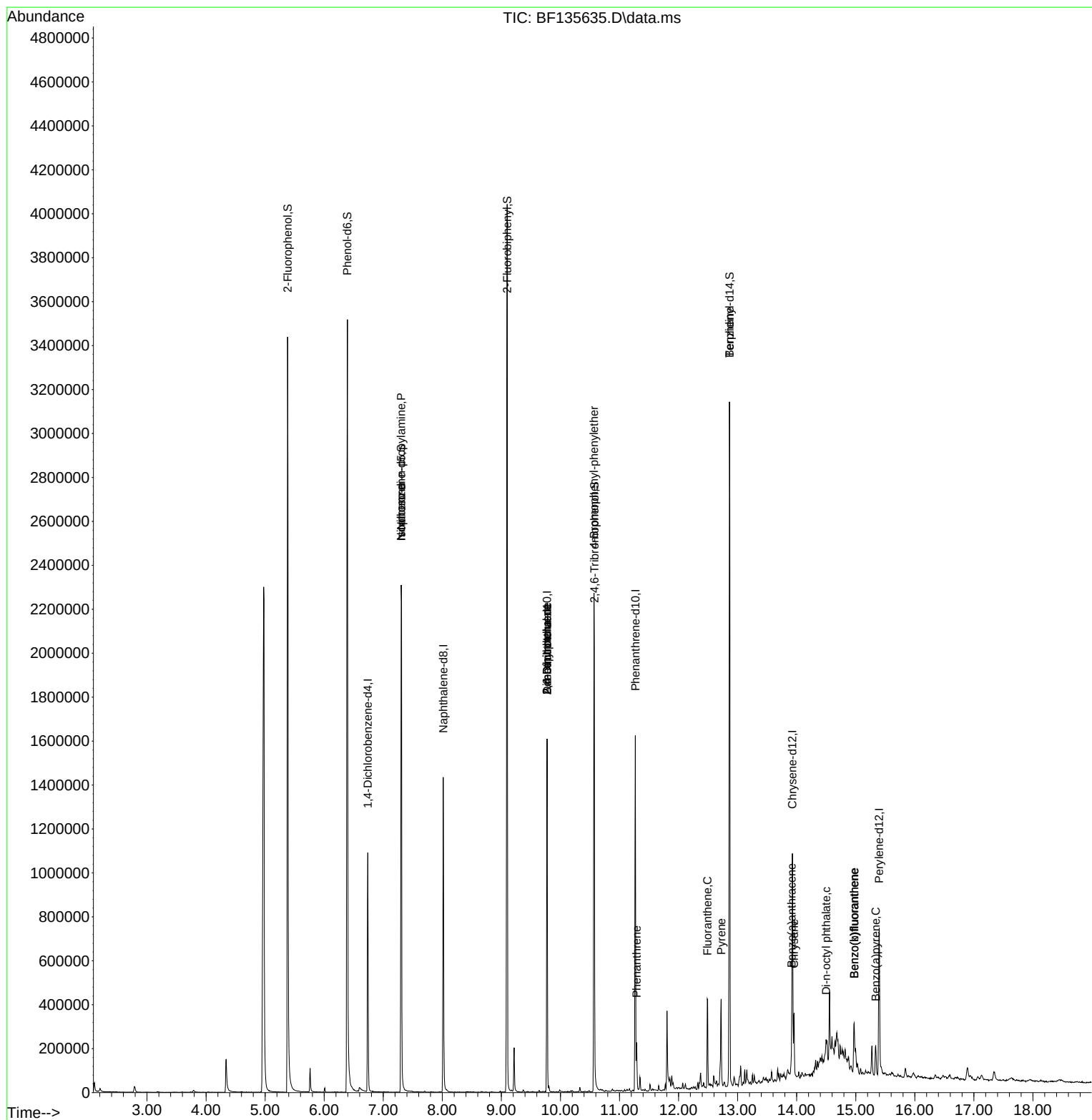
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	157600	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	623629	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	310249	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	564715	20.000	ng	0.00
76) Chrysene-d12	13.927	240	307268	20.000	ng	0.00
86) Perylene-d12	15.398	264	325951	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	994188	102.601	ng	0.01
7) Phenol-d6	6.392	99	1269034	102.996	ng	0.00
23) Nitrobenzene-d5	7.304	82	797799	69.503	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	285348	92.552	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1287182	62.595	ng	0.00
79) Terphenyl-d14	12.863	244	1142883	57.659	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	105730	13.854	ng	# 81
25) Isophorone	7.304	82	797793	37.850	ng	# 65
50) Dimethylphthalate	9.775	163	60423	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	39662	8.631	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	39662	6.894	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	18094	3.222	ng	# 1
71) Phenanthrene	11.292	178	73033	2.734	ng	98
75) Fluoranthene	12.492	202	173144	6.221	ng	100
77) Benzidine	12.863	184	14624	2.323	ng	# 92
78) Pyrene	12.721	202	165667	5.663	ng	98
81) Benzo(a)anthracene	13.915	228	85359	4.302	ng	98
83) Chrysene	13.957	228	123463	6.259	ng	98
85) Di-n-octyl phthalate	14.498	149	55859	3.326	ng	# 22
88) Benzo(b)fluoranthene	14.974	252	159790	9.056	ng	# 97
89) Benzo(k)fluoranthene	14.974	252	159790	9.168	ng	# 97
90) Benzo(a)pyrene	15.339	252	67865	4.033	ng	98

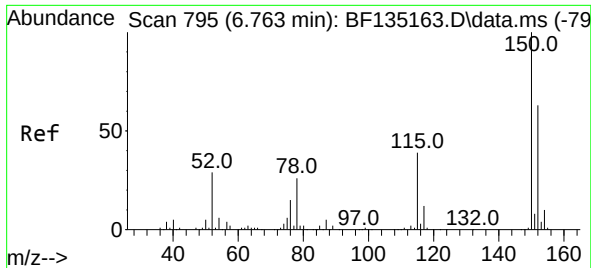
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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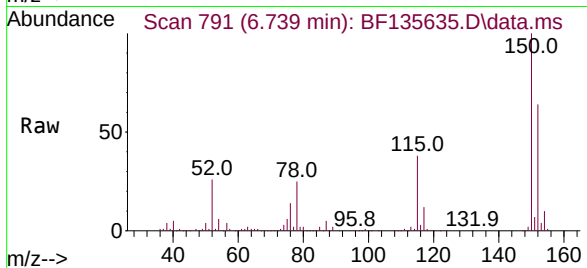
Quant Time: Oct 07 01:50:36 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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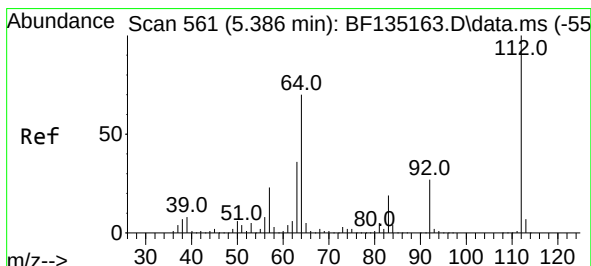
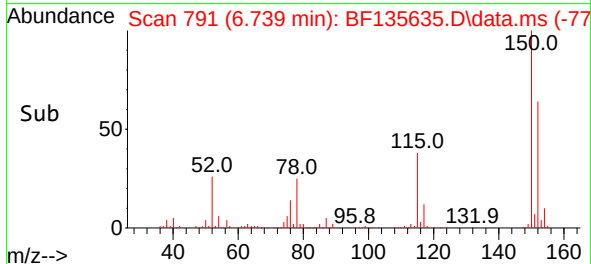
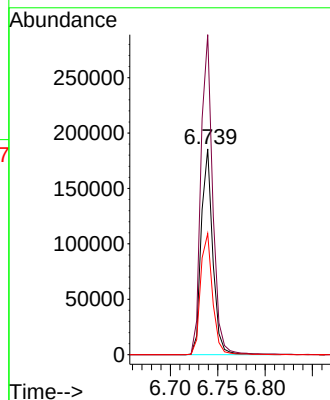


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135635.D
 Acq: 06 Oct 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :

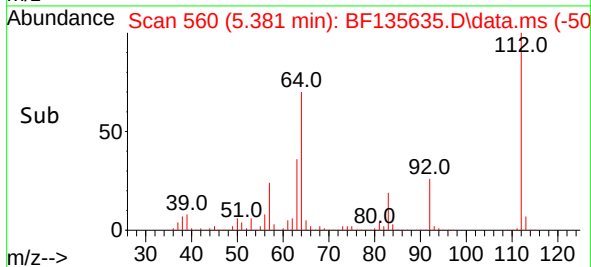
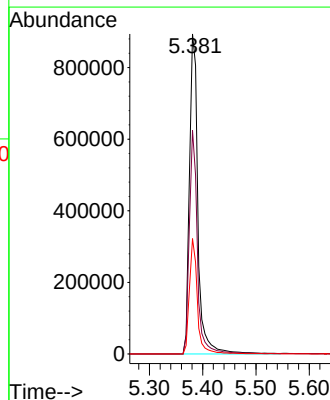
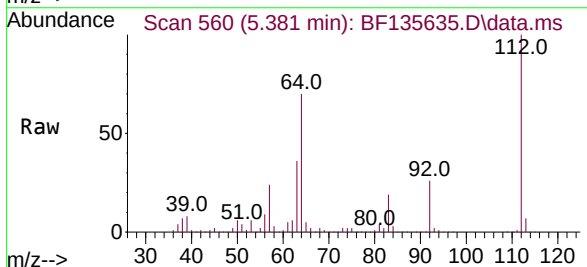


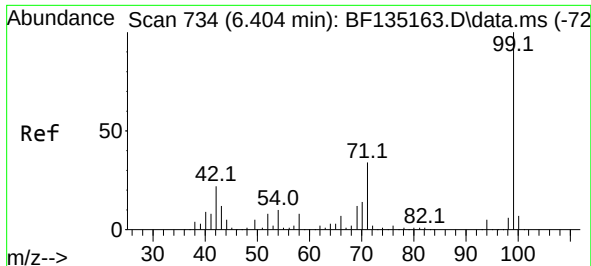
Tgt Ion:152 Resp: 157600
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.8 191.6
 115 58.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 102.601 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: BF135635.D
 Acq: 06 Oct 2023 18:25

Tgt Ion:112 Resp: 994188
 Ion Ratio Lower Upper
 112 100
 64 69.8 55.9 83.9
 63 36.0 29.0 43.6





#7

Phenol-d6

Concen: 102.996 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

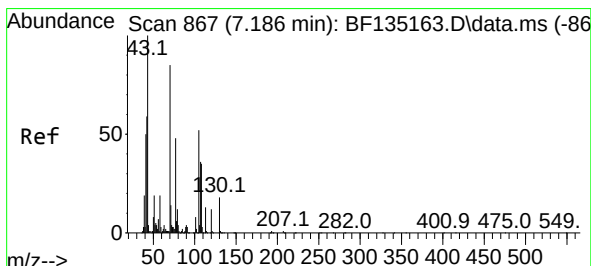
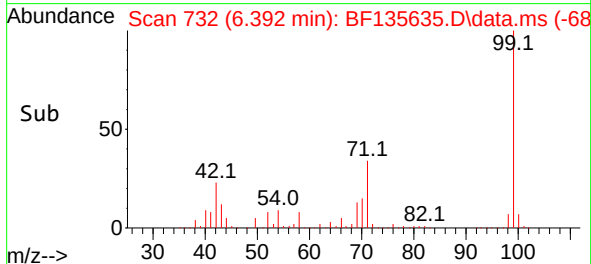
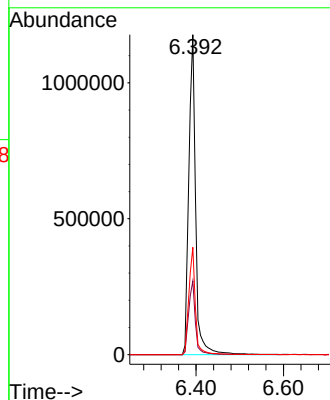
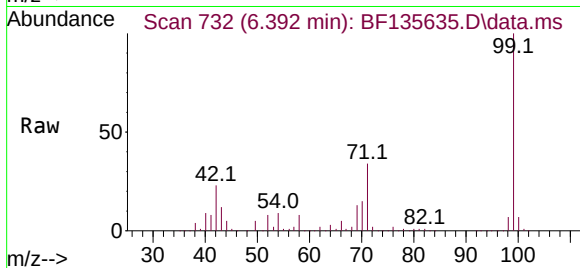
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1269034

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	33.5	27.0	40.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.854 ng

RT: 7.304 min Scan# 887

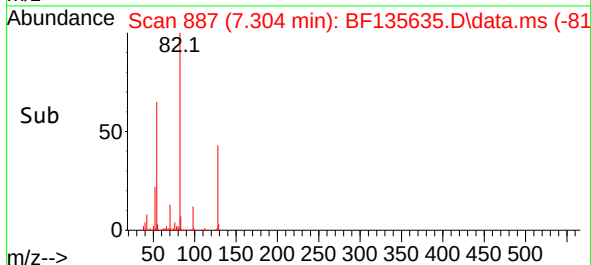
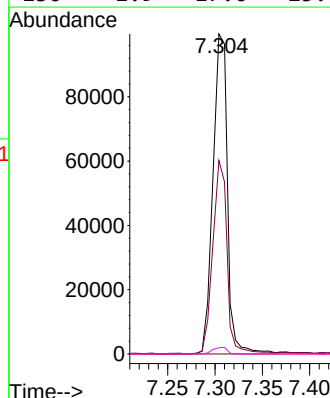
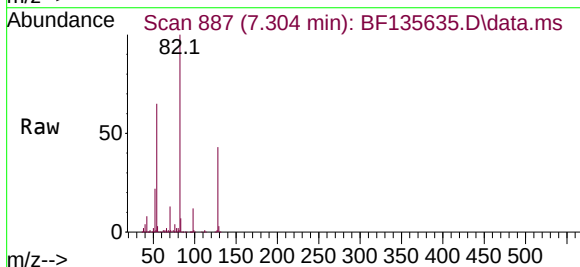
Delta R.T. 0.147 min

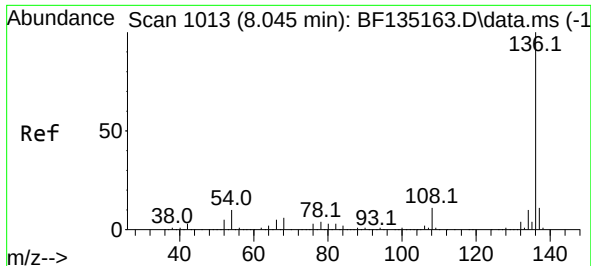
Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Tgt Ion: 70 Resp: 105730

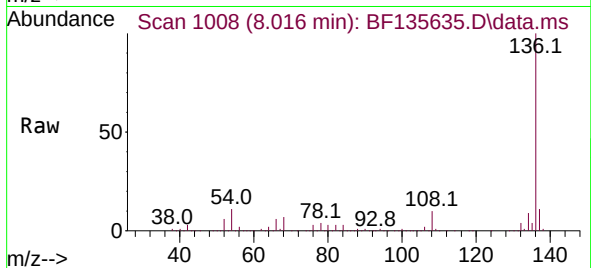
Ion	Ratio	Lower	Upper
70	100		
42	60.5	55.4	83.0
101	0.0	7.7	11.5#
130	1.9	17.0	25.6#



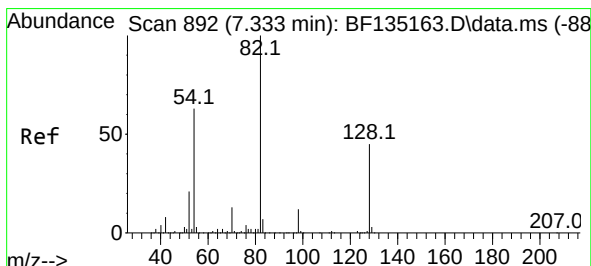
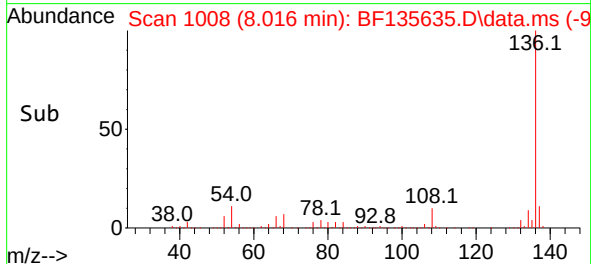
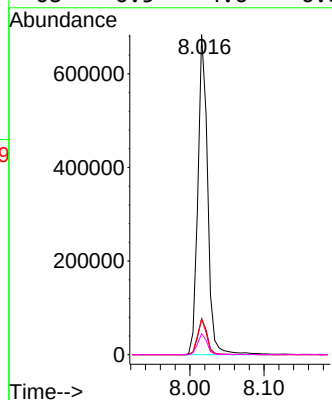


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

Instrument :
BNA_F
ClientSampleId :

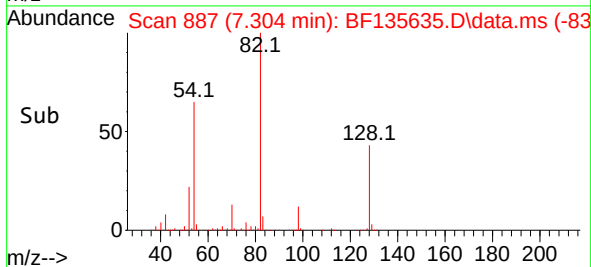
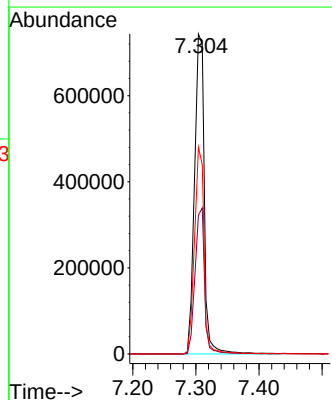
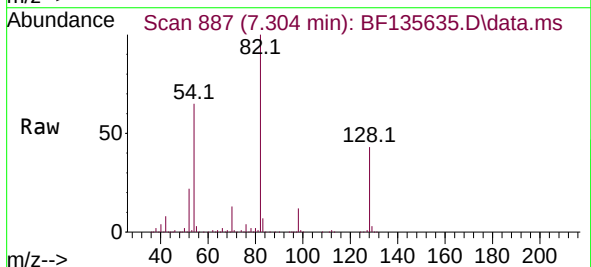


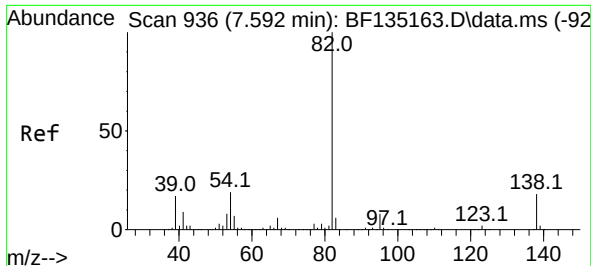
Tgt Ion:136 Resp: 623629
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.2 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 69.503 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

Tgt Ion: 82 Resp: 797799
Ion Ratio Lower Upper
82 100
128 43.4 35.8 53.6
54 64.6 50.6 76.0

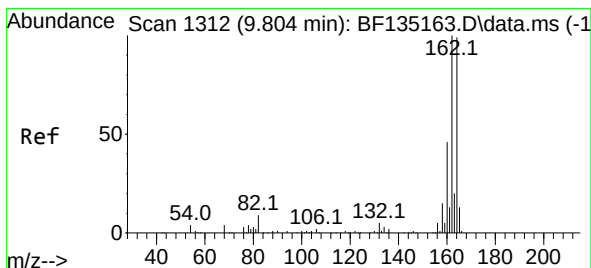
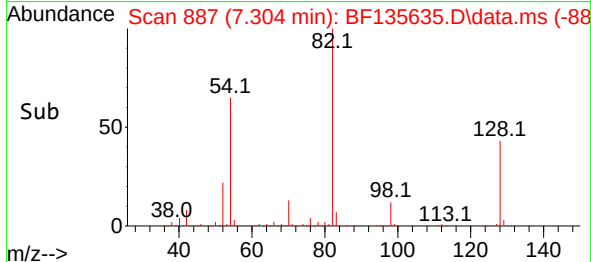
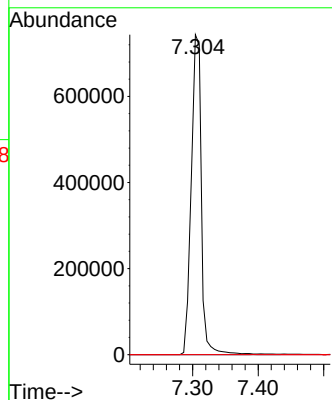
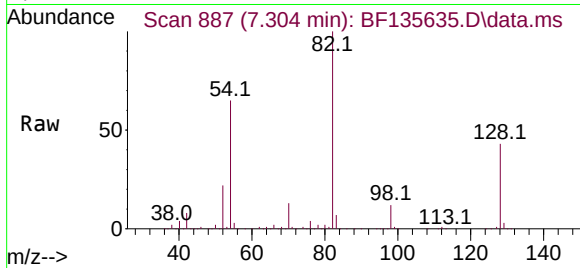




#25
Isophorone
Concen: 37.850 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

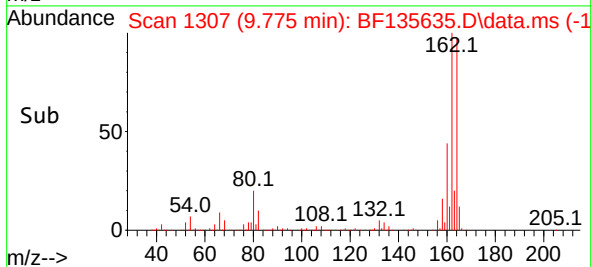
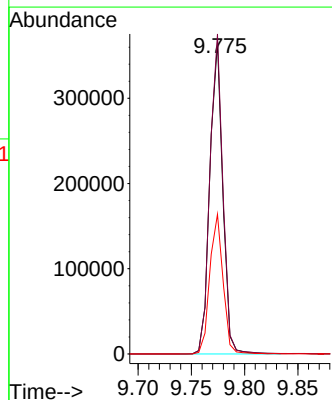
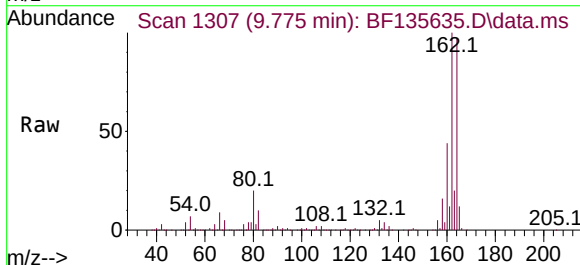
Instrument :
BNA_F
ClientSampleId :

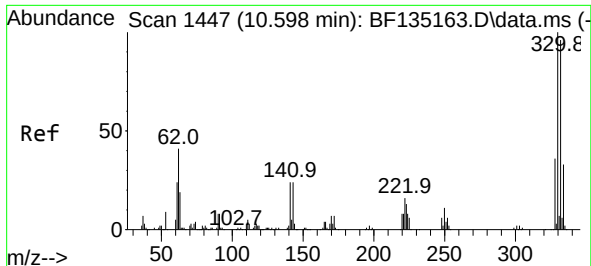
Tgt Ion: 82 Resp: 797793
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

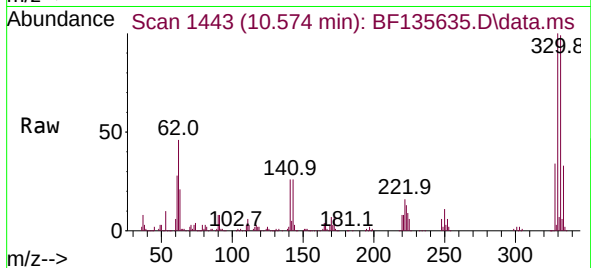
Tgt Ion:164 Resp: 310249
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 44.8 37.0 55.4



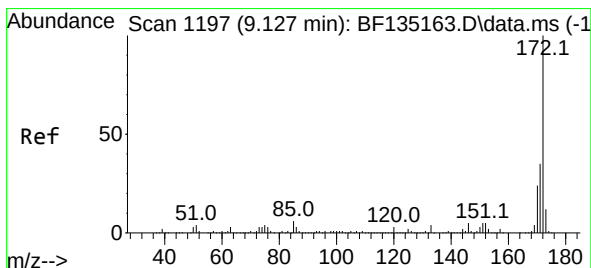
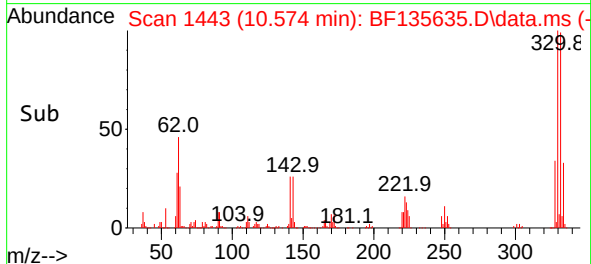
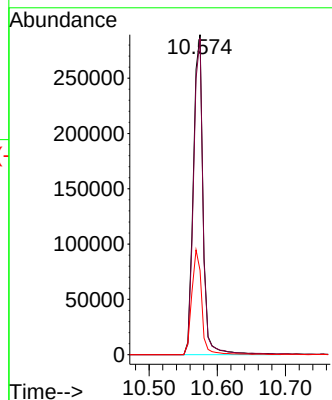


#42
2,4,6-Tribromophenol
Concen: 92.552 ng
RT: 10.574 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

Instrument :
BNA_F
ClientSampleId :

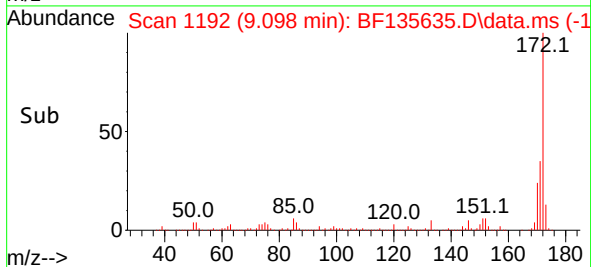
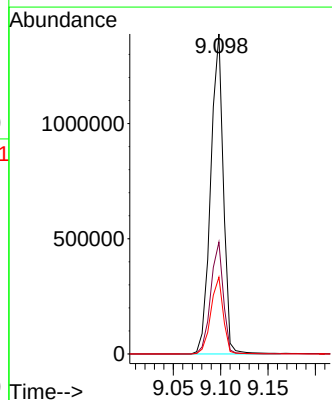
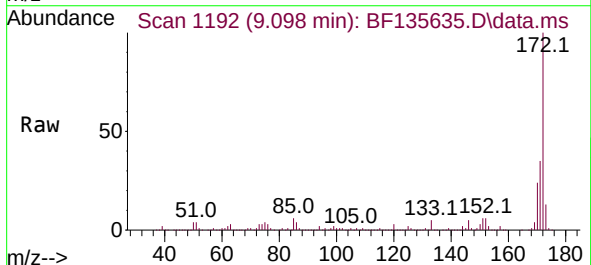


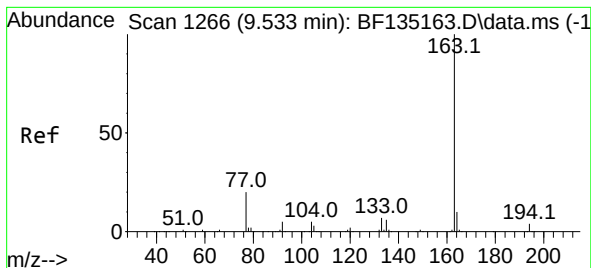
Tgt Ion: 330 Resp: 285348
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.595 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

Tgt Ion: 172 Resp: 1287182
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 24.0 19.0 28.4





#50

Dimethylphthalate

Concen: 2.881 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.271 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Instrument :

BNA_F

ClientSampleId :

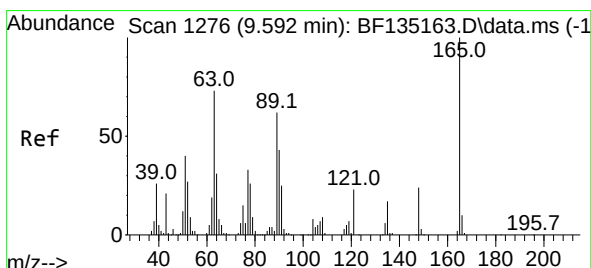
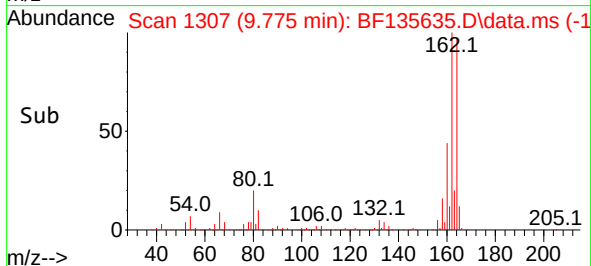
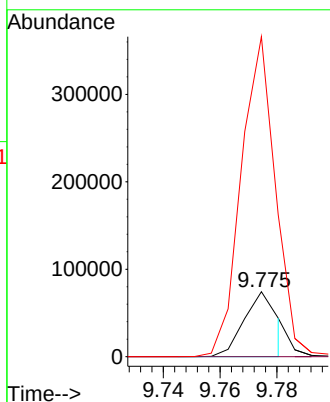
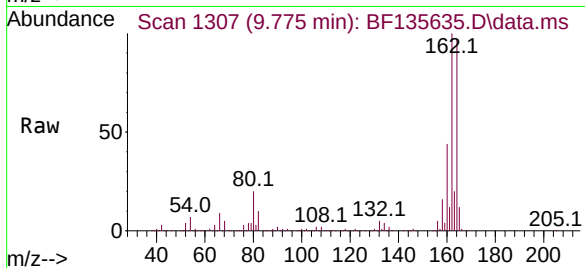
Tgt Ion:163 Resp: 60423

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 493.0 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.631 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.200 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

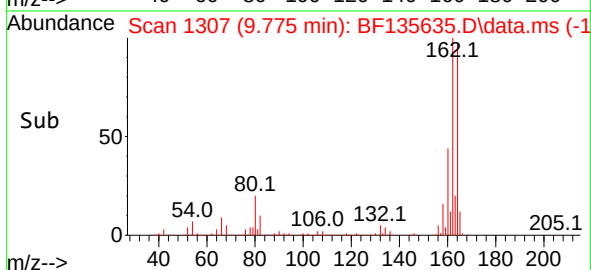
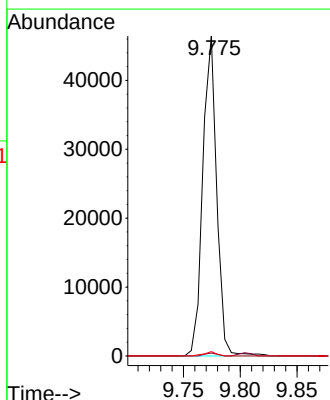
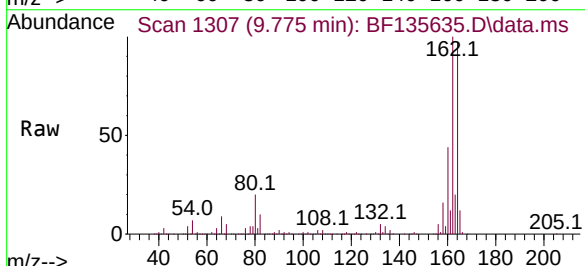
Tgt Ion:165 Resp: 39662

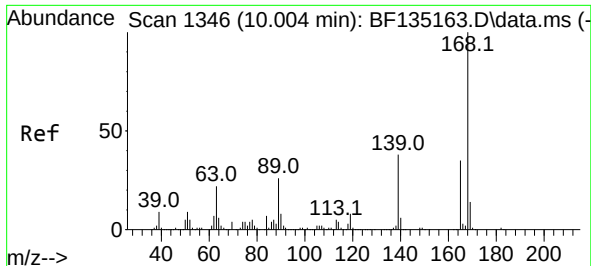
Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

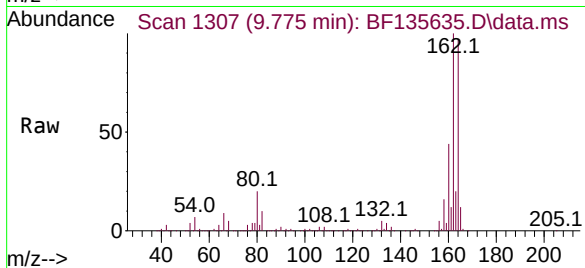
89 1.4 49.8 74.8#



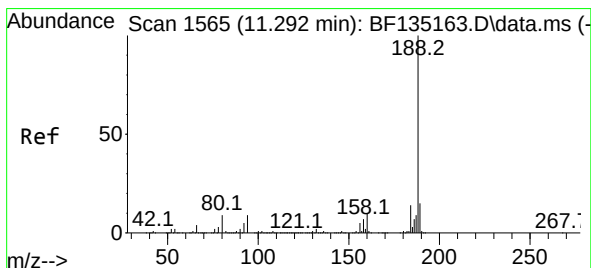
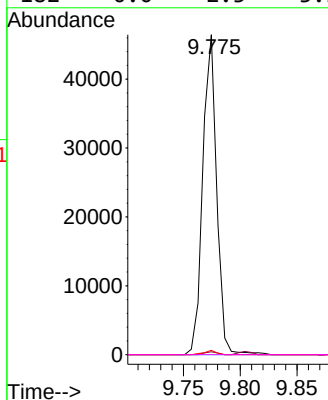
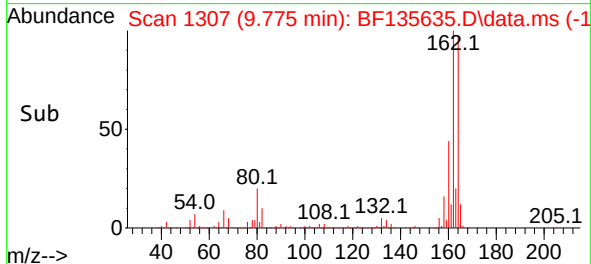


#57
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

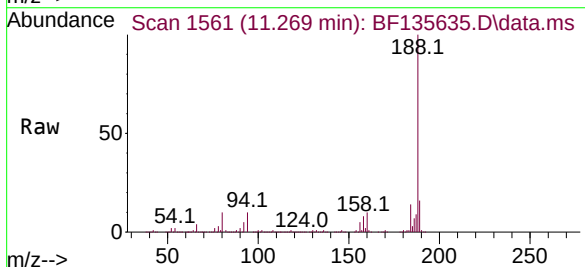
Instrument :
BNA_F
ClientSampleId :



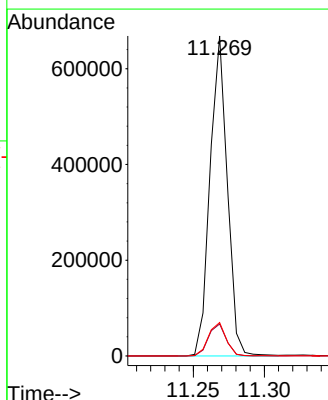
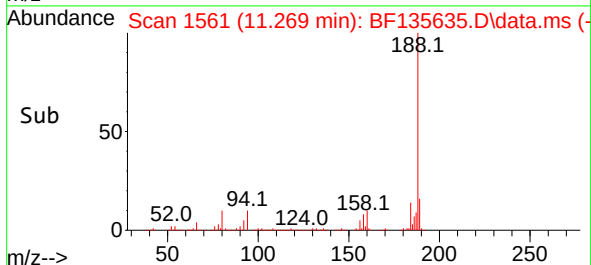
Tgt Ion:165 Resp: 39662
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

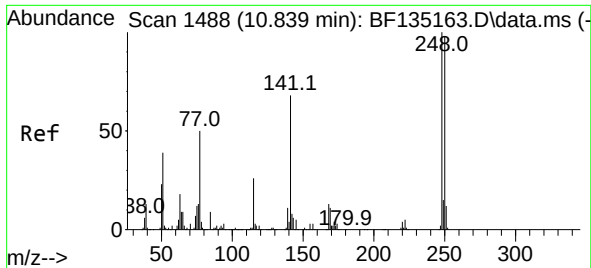


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25



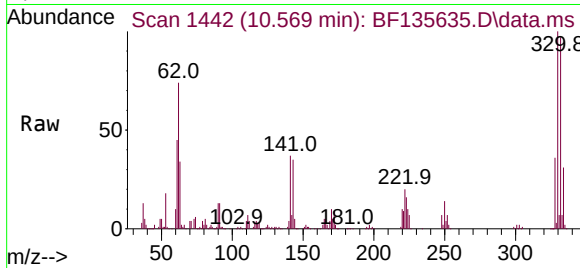
Tgt Ion:188 Resp: 564715
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.4 7.5 11.3



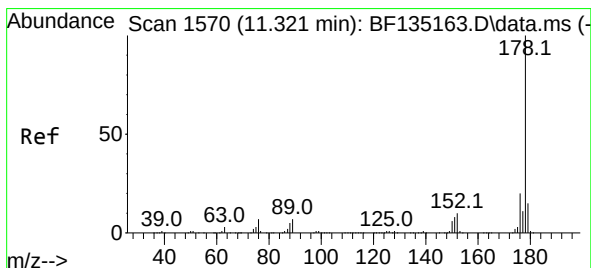
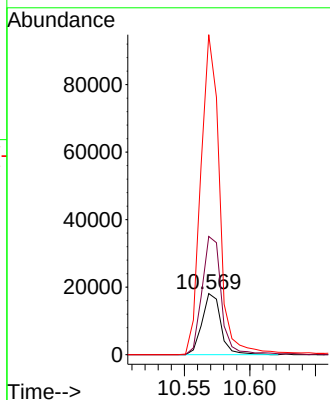
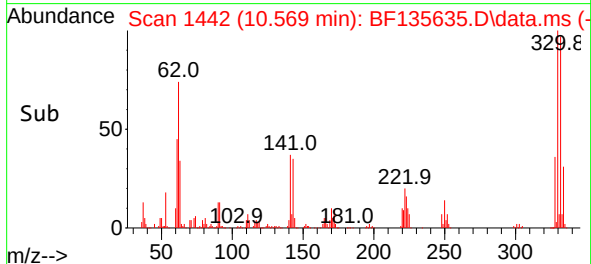


#67
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

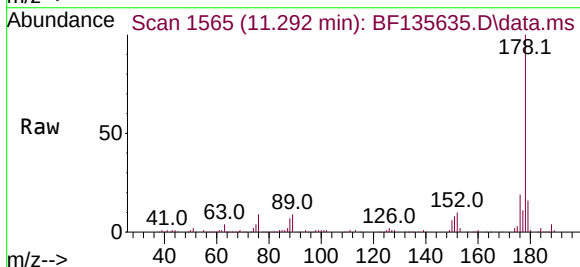
Instrument :
BNA_F
ClientSampleId :



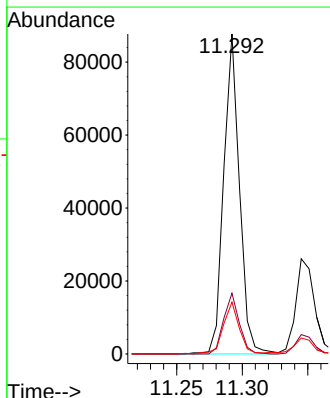
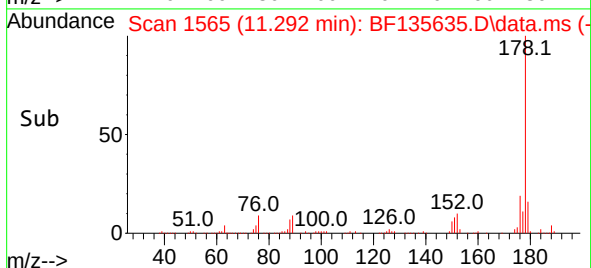
Tgt Ion:248 Resp: 18094
Ion Ratio Lower Upper
248 100
250 193.4 78.6 117.8#
141 523.4 54.2 81.2#

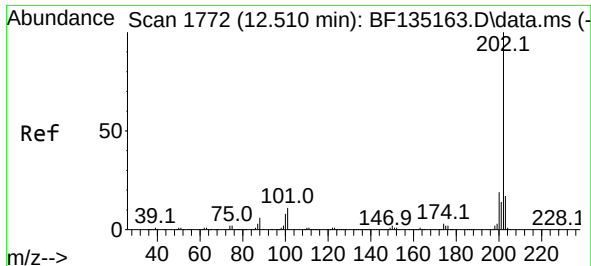


#71
Phenanthrene
Concen: 2.734 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25



Tgt Ion:178 Resp: 73033
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.2 12.0 18.0

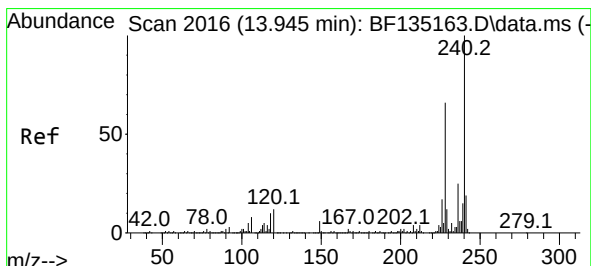
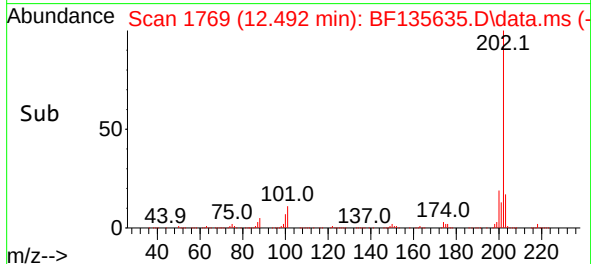
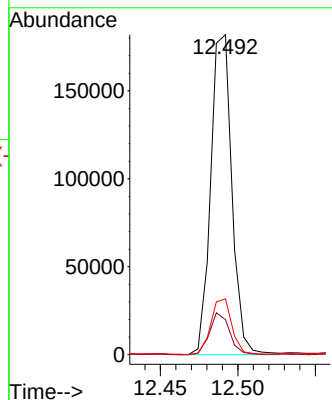
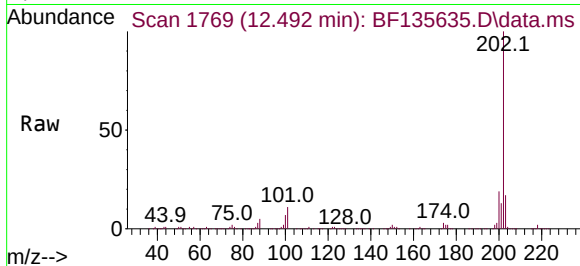




#75
Fluoranthene
Concen: 6.221 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

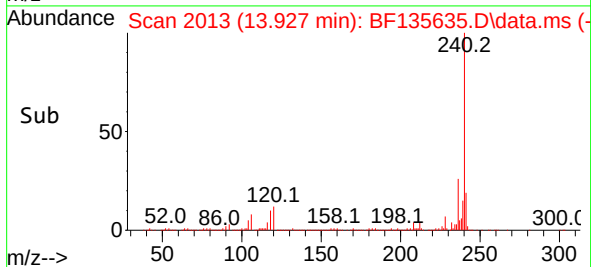
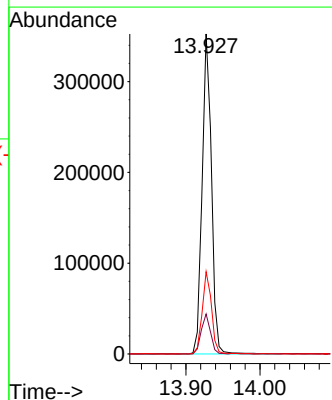
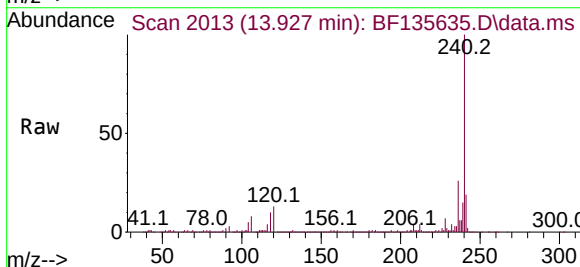
Instrument :
BNA_F
ClientSampleId :

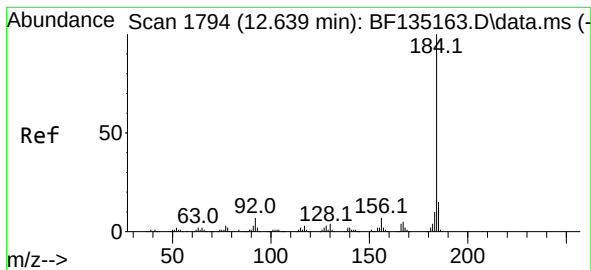
Tgt Ion:202 Resp: 173144
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135635.D
Acq: 06 Oct 2023 18:25

Tgt Ion:240 Resp: 307268
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 2.323 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.247 min

Lab File: BF135635.D

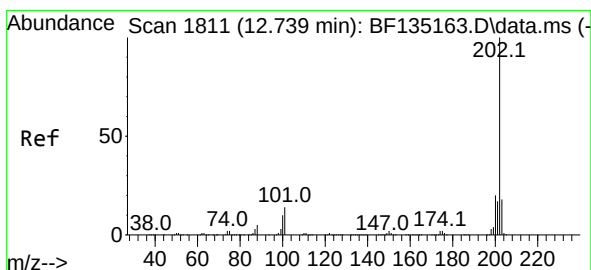
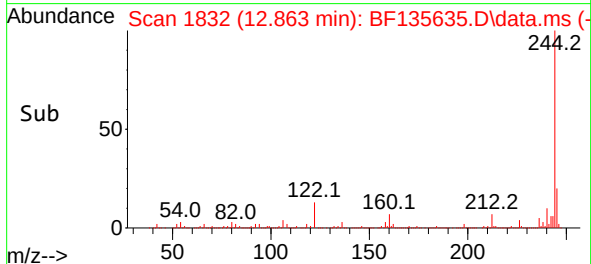
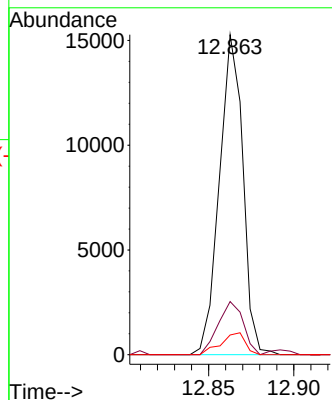
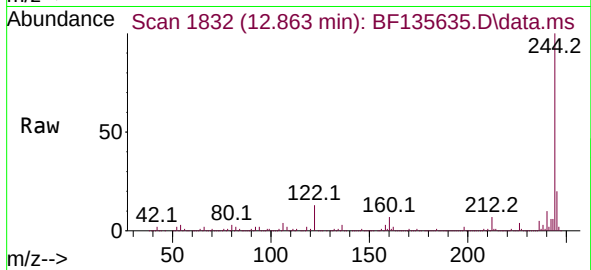
Acq: 06 Oct 2023 18:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	14624
Ion Ratio	Lower	Upper
184	100	
185	16.6	11.7 17.5
183	6.1	8.2 12.4#



#78

Pyrene

Concen: 5.663 ng

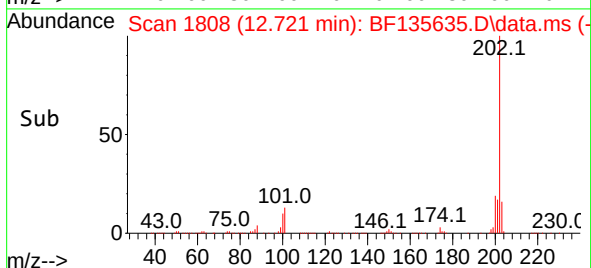
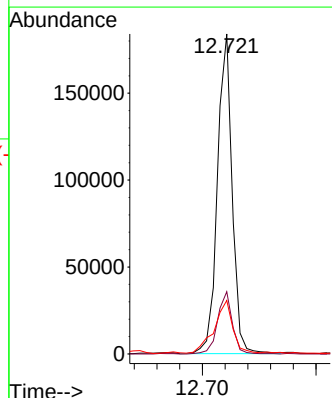
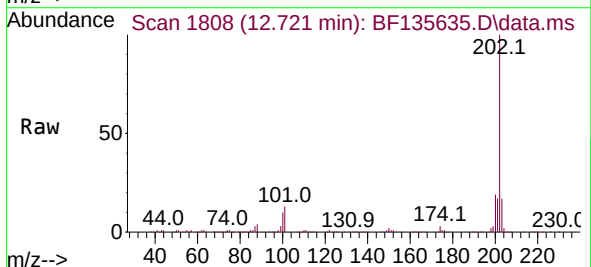
RT: 12.721 min Scan# 1808

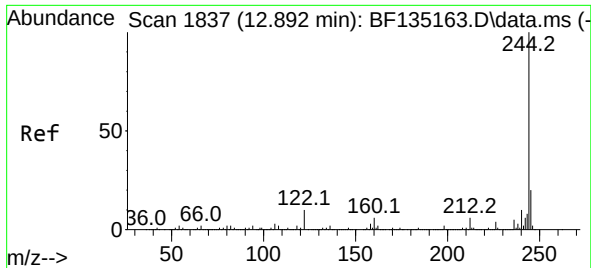
Delta R.T. 0.006 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

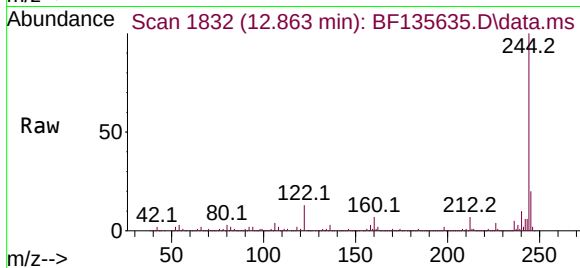
Tgt Ion:202	Resp:	165667
Ion Ratio	Lower	Upper
202	100	
200	19.5	16.2 24.2
203	16.7	14.2 21.4



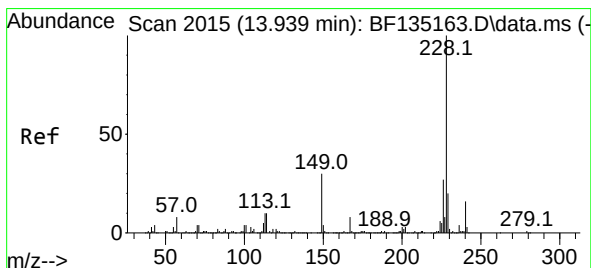
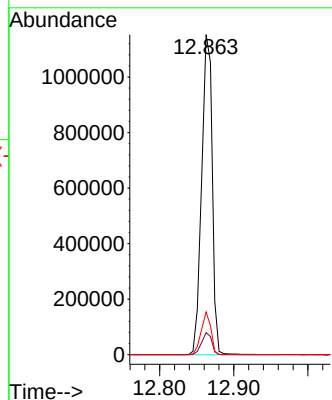
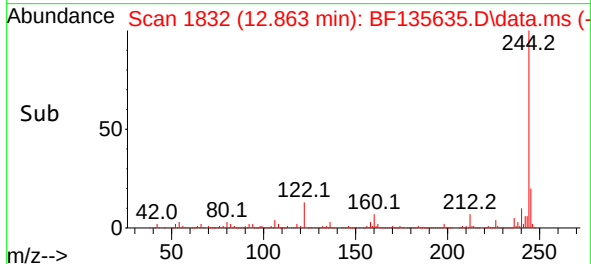


#79
 Terphenyl-d14
 Concen: 57.659 ng
 RT: 12.863 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135635.D
 Acq: 06 Oct 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :

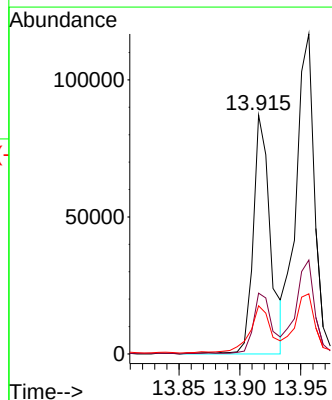
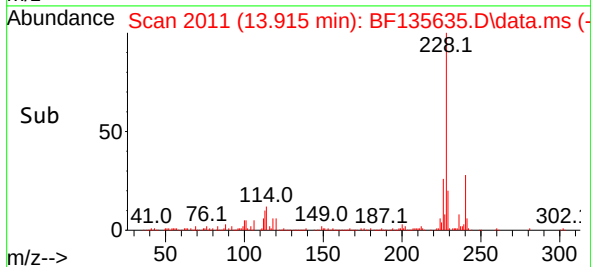
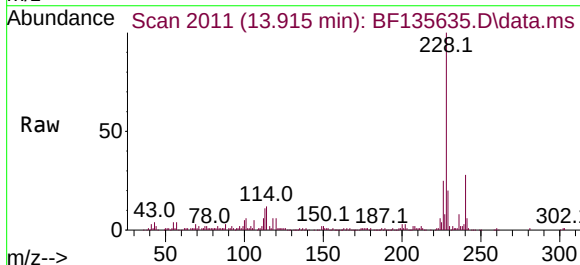


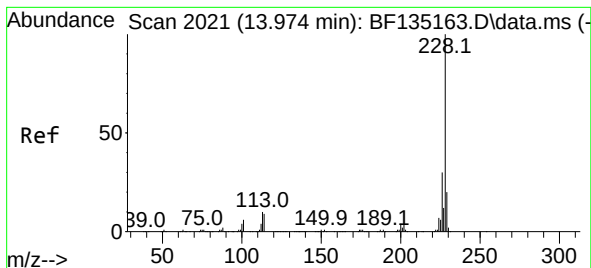
Tgt Ion:244 Resp: 1142883
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 13.3 7.9 11.9#



#81
 Benzo(a)anthracene
 Concen: 4.302 ng
 RT: 13.915 min Scan# 2011
 Delta R.T. 0.000 min
 Lab File: BF135635.D
 Acq: 06 Oct 2023 18:25

Tgt Ion:228 Resp: 85359
 Ion Ratio Lower Upper
 228 100
 226 25.5 21.7 32.5
 229 20.1 15.8 23.8





#83

Chrysene

Concen: 6.259 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Instrument :

BNA_F

ClientSampleId :

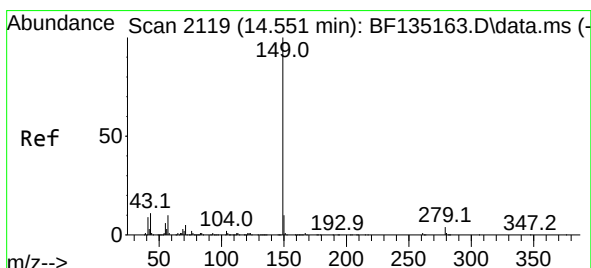
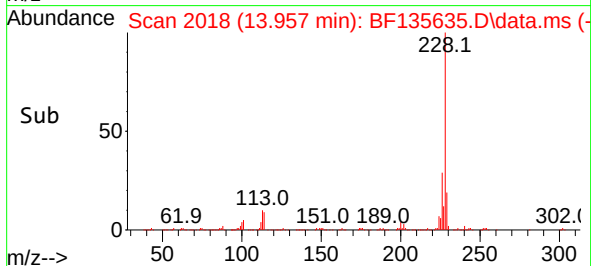
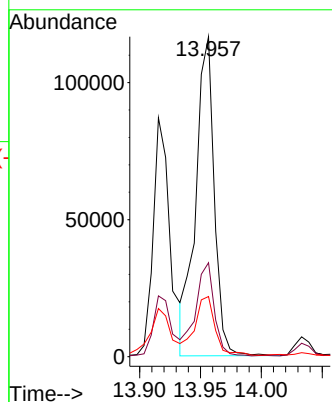
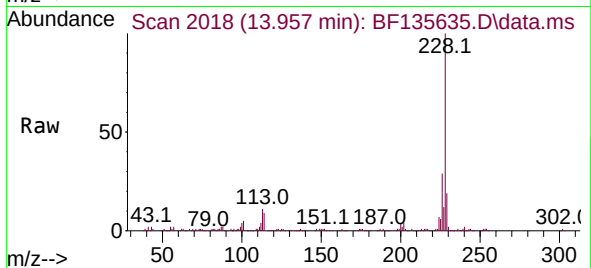
Tgt Ion:228 Resp: 123463

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

229 18.8 16.0 24.0



#85

Di-n-octyl phthalate

Concen: 3.326 ng

RT: 14.498 min Scan# 2110

Delta R.T. -0.024 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

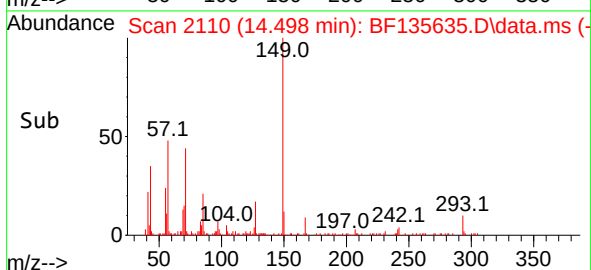
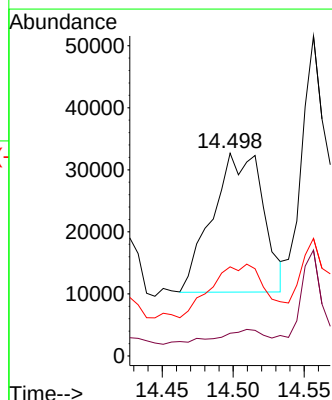
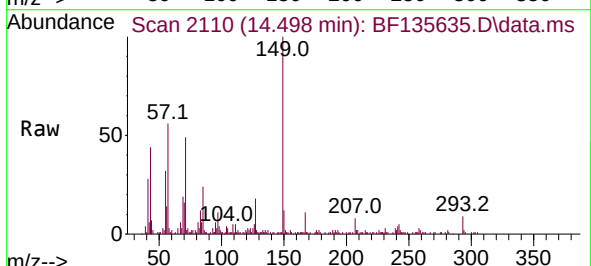
Tgt Ion:149 Resp: 55859

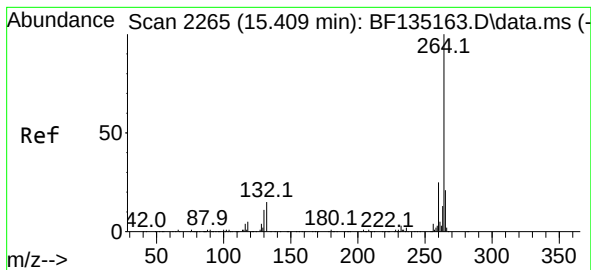
Ion Ratio Lower Upper

149 100

167 15.4 1.1 1.7#

43 44.5 9.8 14.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Instrument :

BNA_F

ClientSampleId :

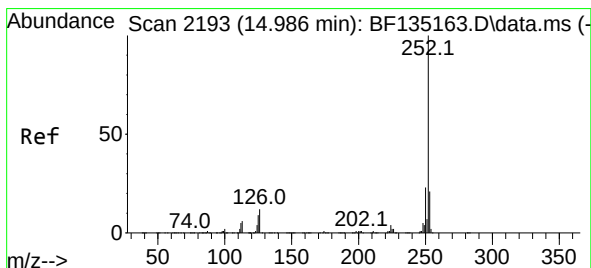
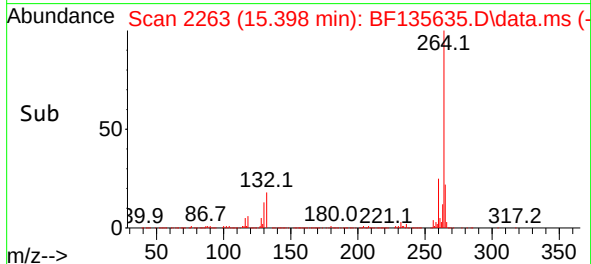
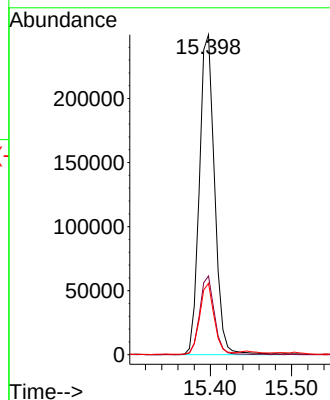
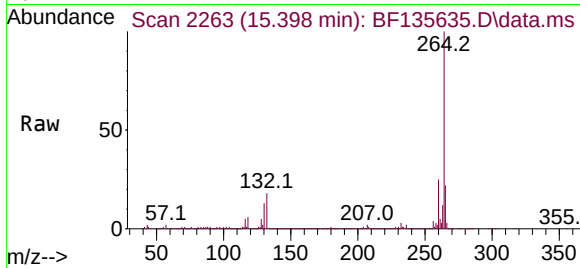
Tgt Ion:264 Resp: 325951

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.3 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 9.056 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

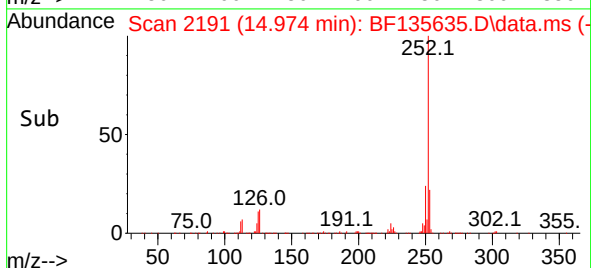
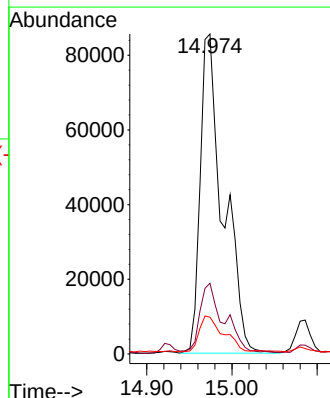
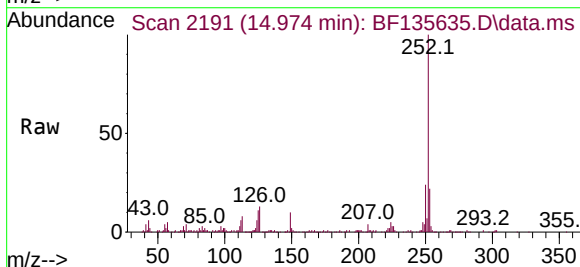
Tgt Ion:252 Resp: 159790

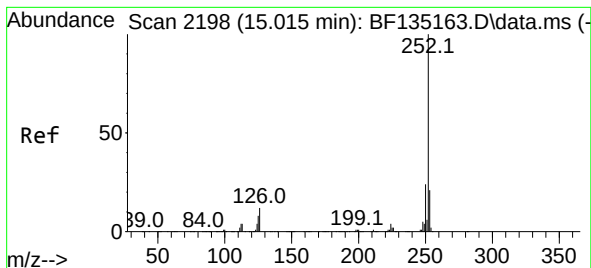
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.5 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 9.168 ng

RT: 14.974 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Instrument :

BNA_F

ClientSampleId :

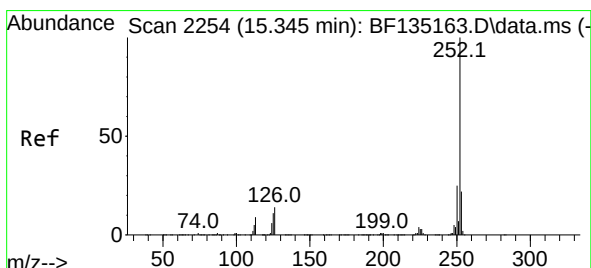
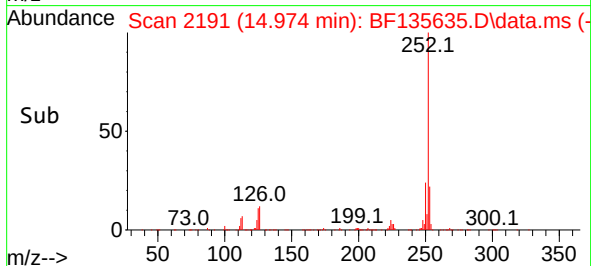
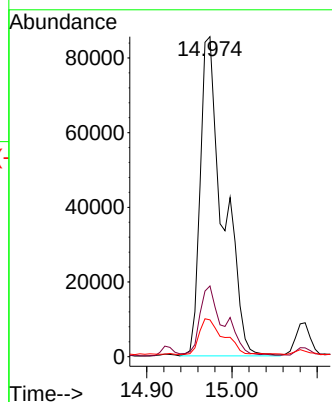
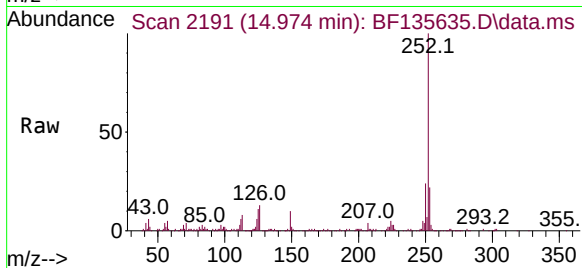
Tgt Ion:252 Resp: 159790

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 11.5 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 4.033 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135635.D

Acq: 06 Oct 2023 18:25

Tgt Ion:252 Resp: 67865

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 12.4 9.2 13.8

