

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135416.D
 Acq On : 23 Sep 2023 00:00
 Operator : CG\JU
 Sample : 04491-06 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-07

Quant Time: Sep 23 05:00:51 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)

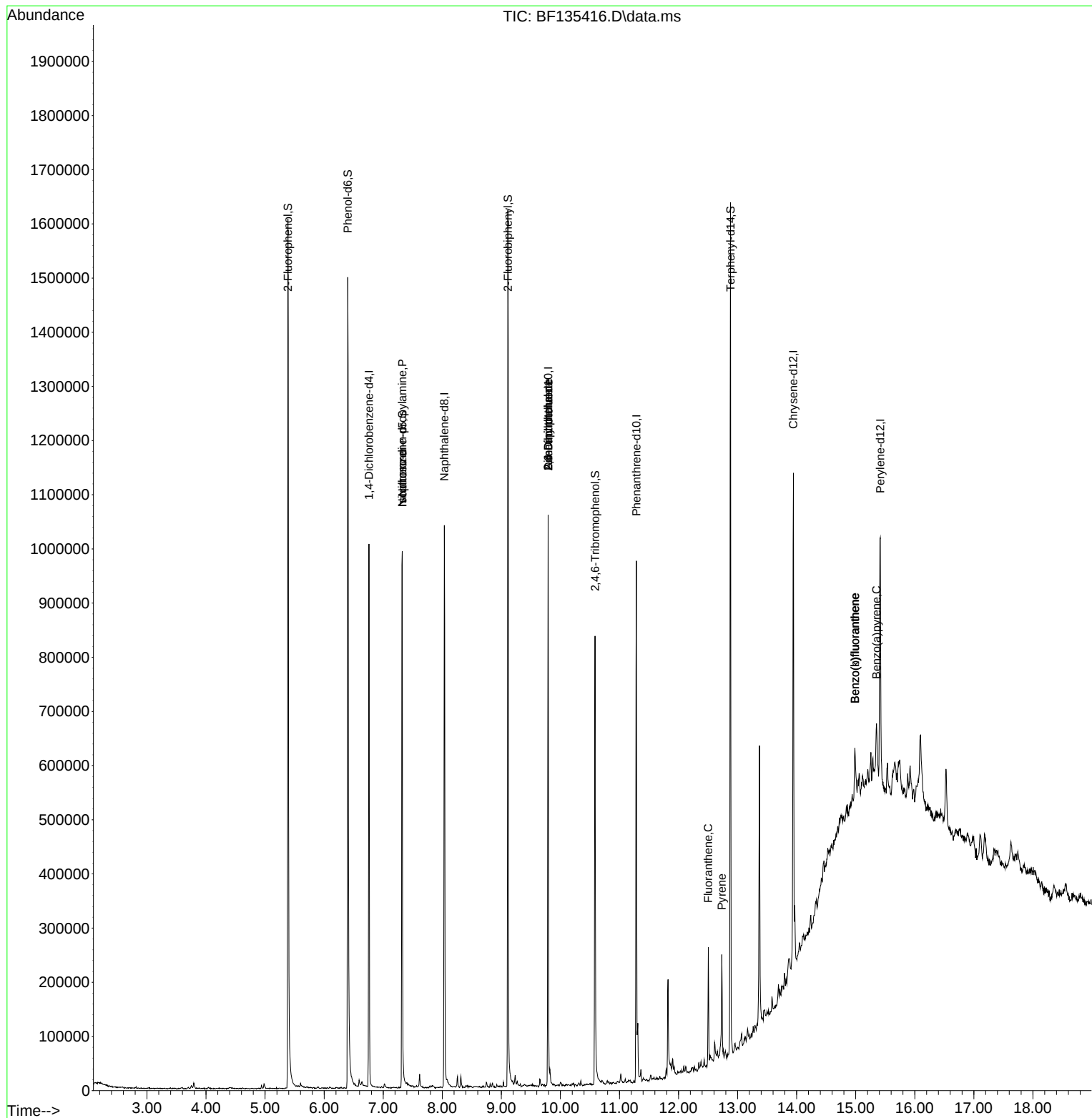
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	133285	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	469552	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	196872	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	361422	20.000	ng	0.00
76) Chrysene-d12	13.945	240	299150	20.000	ng	0.00
86) Perylene-d12	15.416	264	231188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	472199	57.621	ng	0.00
7) Phenol-d6	6.398	99	566417	54.357	ng	0.00
23) Nitrobenzene-d5	7.322	82	324885	37.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	93741	47.914	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	521445	39.961	ng	-0.02
79) Terphenyl-d14	12.880	244	513240	26.596	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	41043	6.359	ng	# 78
25) Isophorone	7.322	82	324882	20.471	ng	# 65
50) Dimethylphthalate	9.792	163	37379	2.808	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	25981	8.910	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	25982	7.117	ng	# 19
75) Fluoranthene	12.504	202	77563	4.355	ng	96
78) Pyrene	12.733	202	74404	2.612	ng	98
88) Benzo(b)fluoranthene	14.986	252	52867	4.224	ng	# 78
89) Benzo(k)fluoranthene	14.986	252	52900	4.279	ng	# 79
90) Benzo(a)pyrene	15.351	252	25555	2.141	ng	# 70

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

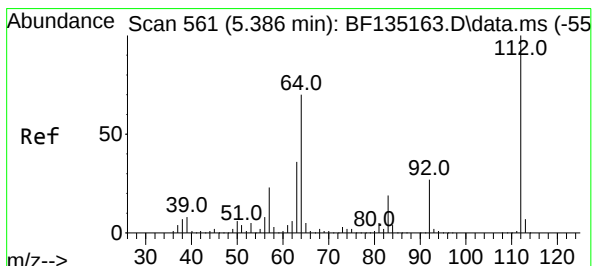
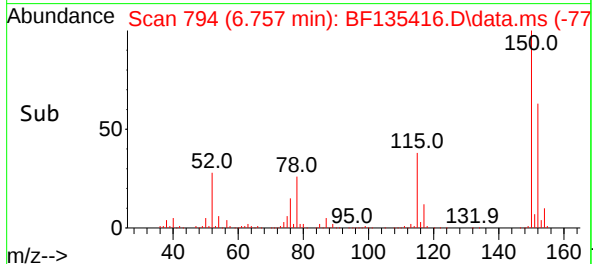
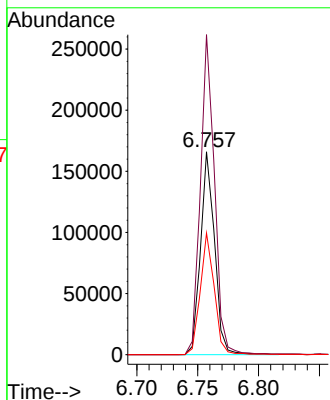
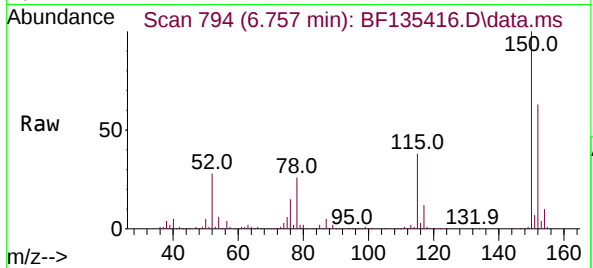




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

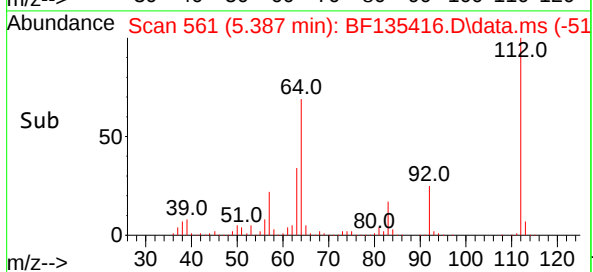
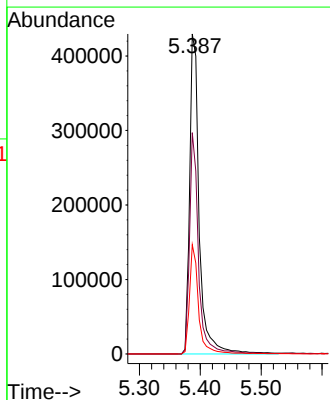
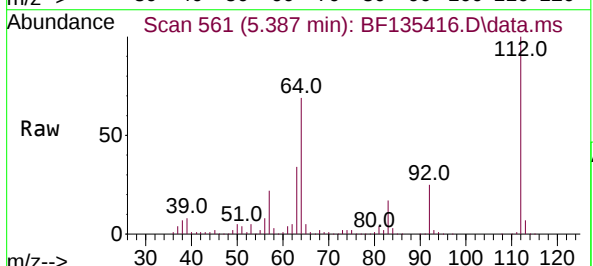
Instrument :
BNA_F
ClientSampleId :
CPT102-07

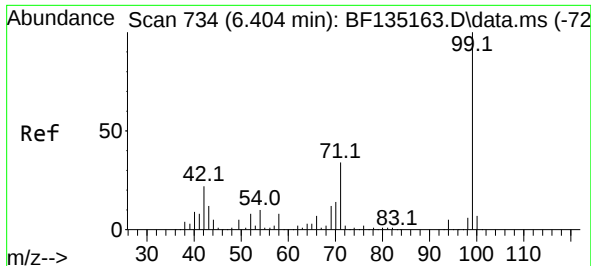
Tgt Ion:152 Resp: 133285
Ion Ratio Lower Upper
152 100
150 157.8 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 57.621 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:112 Resp: 472199
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 34.2 29.0 43.6

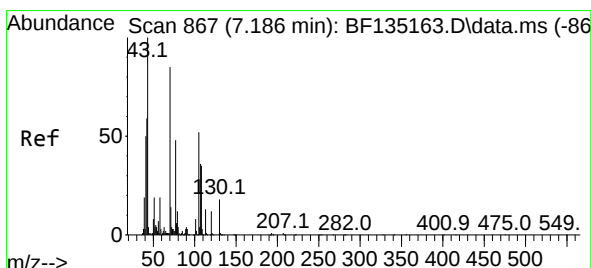
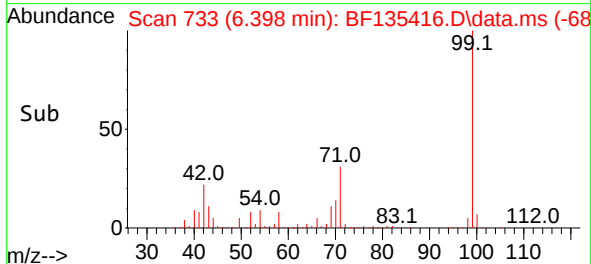
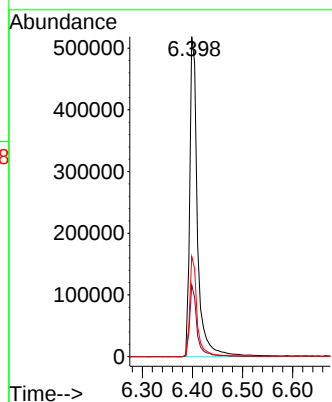
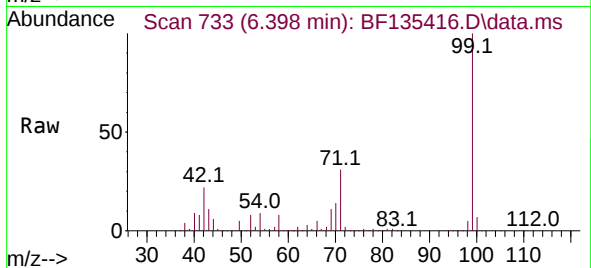




#7
Phenol-d6
Concen: 54.357 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

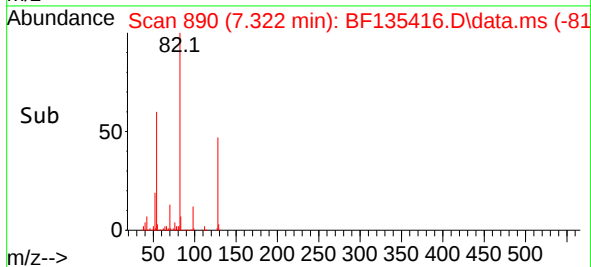
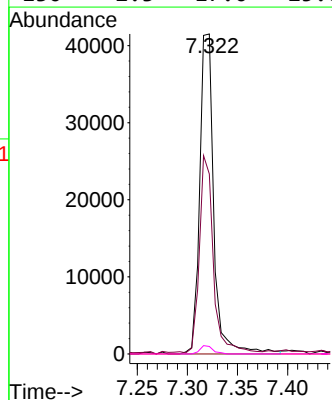
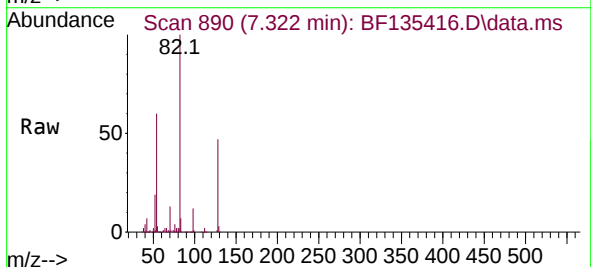
Instrument :
BNA_F
ClientSampleId :
CPT102-07

Tgt Ion: 99 Resp: 566417
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.359 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion: 70 Resp: 41043
Ion Ratio Lower Upper
70 100
42 56.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

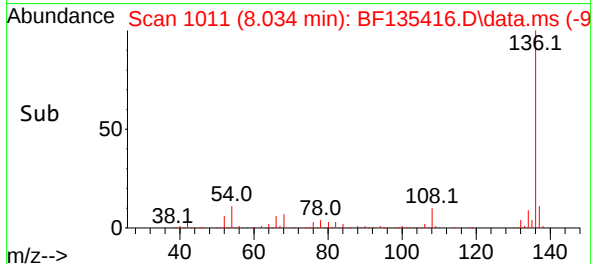
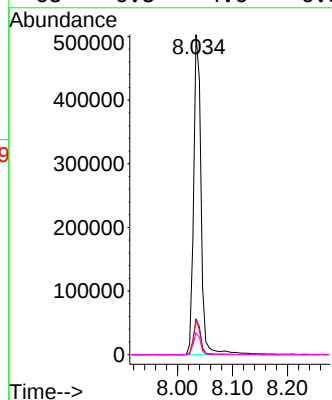
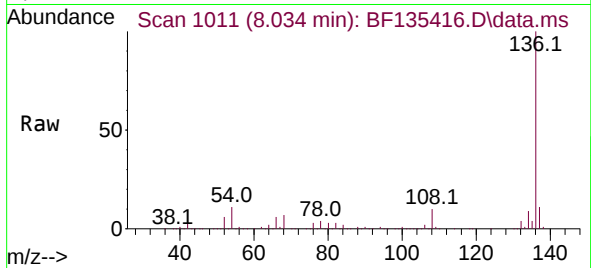




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

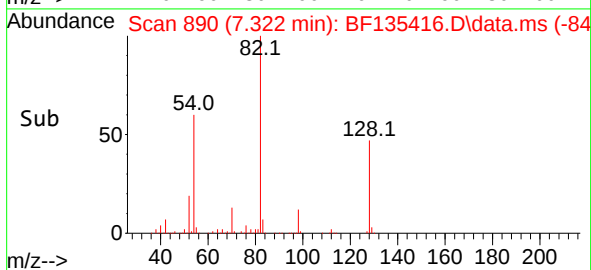
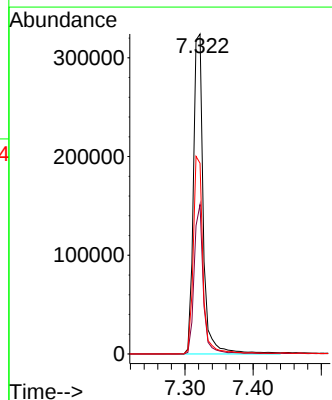
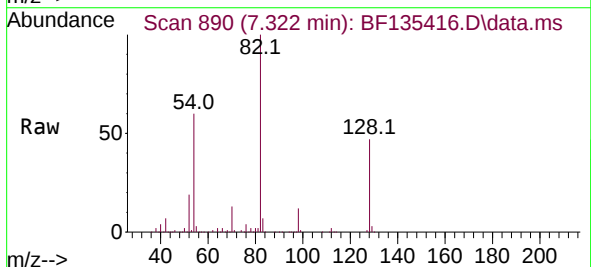
Instrument :
BNA_F
ClientSampleId :
CPT102-07

Tgt Ion:136 Resp: 469552
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.8 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 37.591 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion: 82 Resp: 324885
Ion Ratio Lower Upper
82 100
128 46.7 35.8 53.6
54 59.6 50.6 76.0

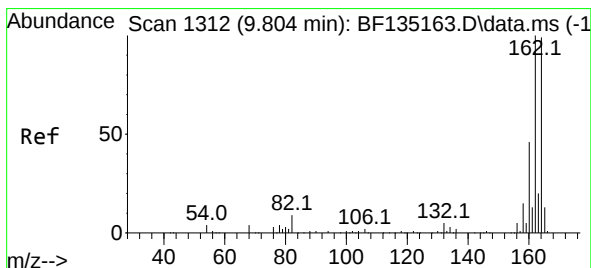
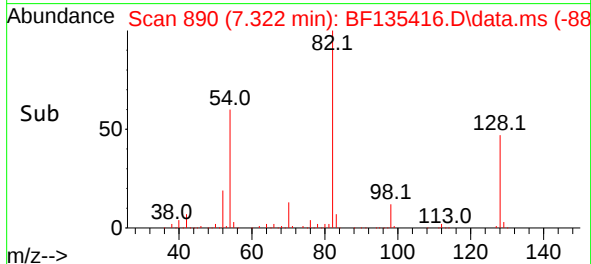
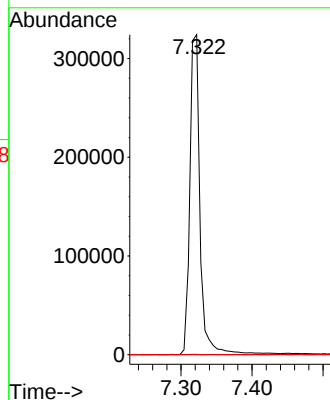
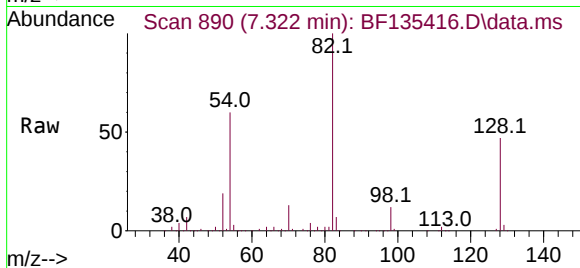




#25
Isophorone
Concen: 20.471 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

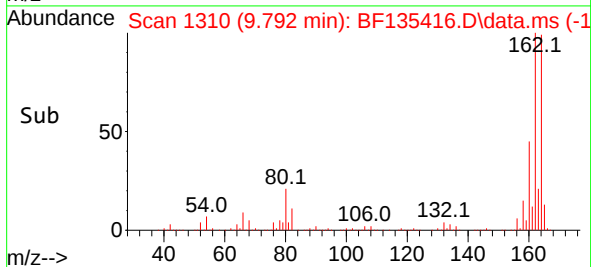
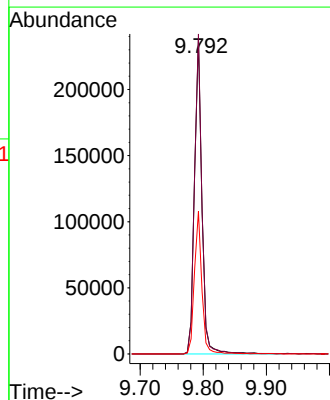
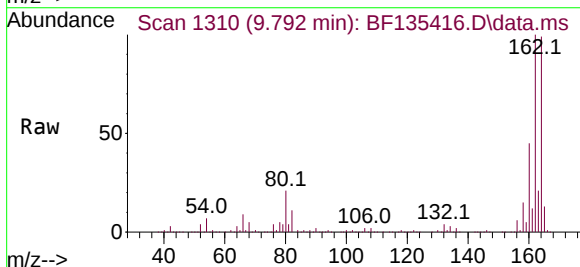
Instrument :
BNA_F
ClientSampleId :
CPT102-07

Tgt Ion: 82 Resp: 324882
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

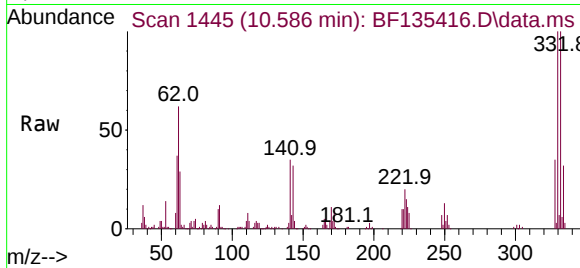
Tgt Ion: 164 Resp: 196872
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.2 37.0 55.4



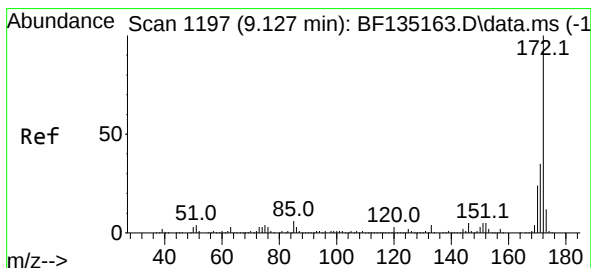
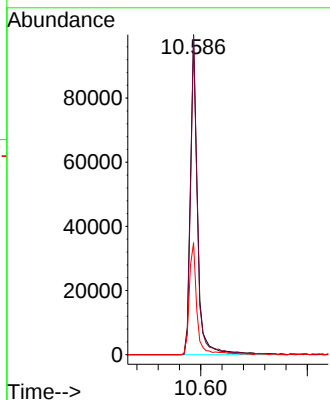
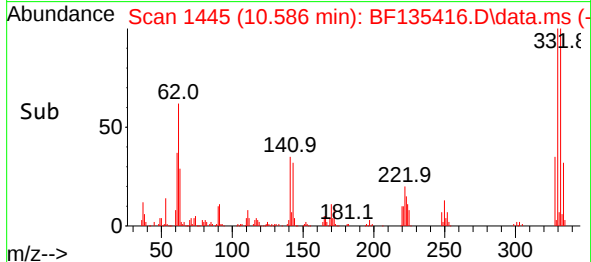


#42
2,4,6-Tribromophenol
Concen: 47.914 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Instrument :
BNA_F
ClientSampleId :
CPT102-07

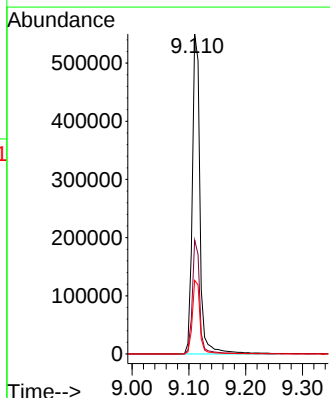
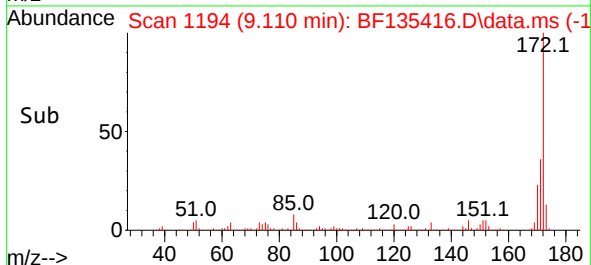
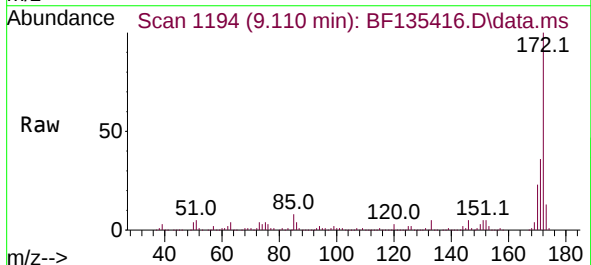


Tgt Ion:330 Resp: 93741
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 37.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 39.961 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.017 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:172 Resp: 521445
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.0 19.0 28.4

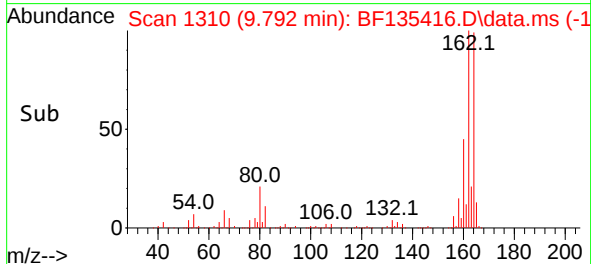
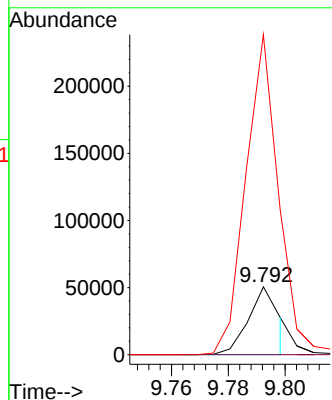
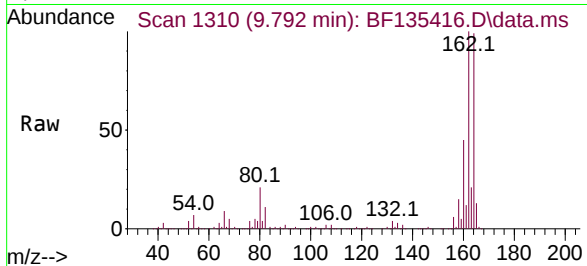




#50
Dimethylphthalate
Concen: 2.808 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

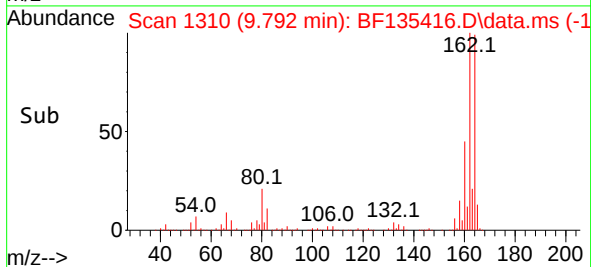
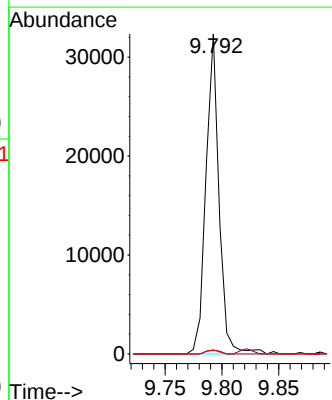
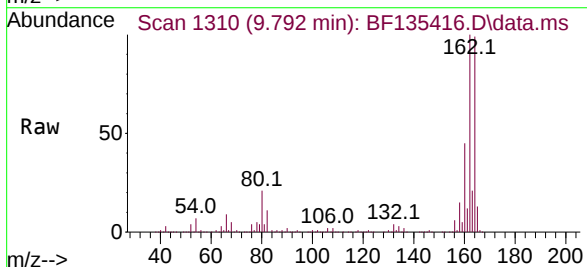
Instrument :
BNA_F
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CPT102-07

Tgt Ion:163 Resp: 37379
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 472.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.910 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:165 Resp: 25981
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.3 49.8 74.8#

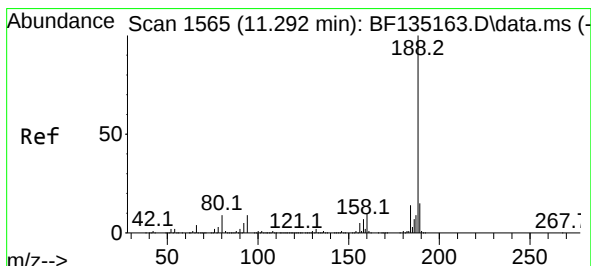
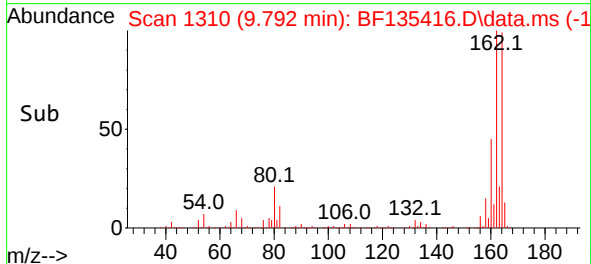
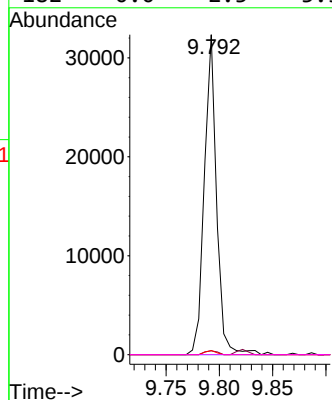
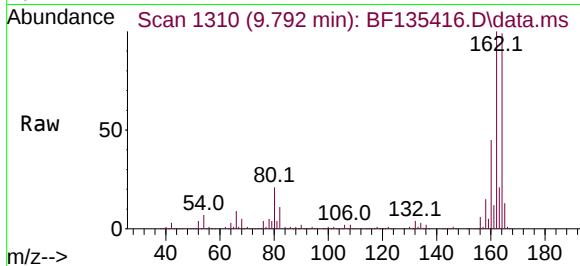




#57
2,4-Dinitrotoluene
Concen: 7.117 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

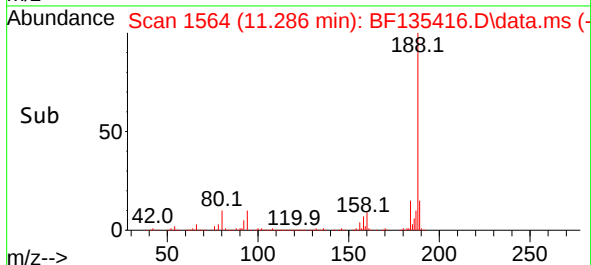
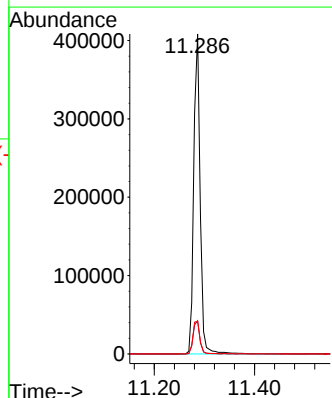
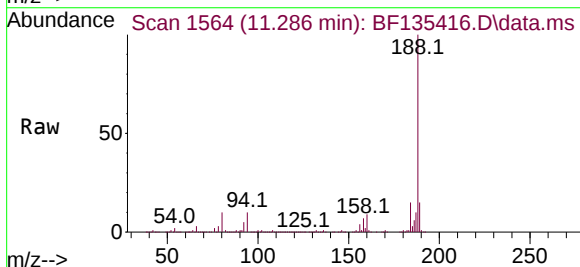
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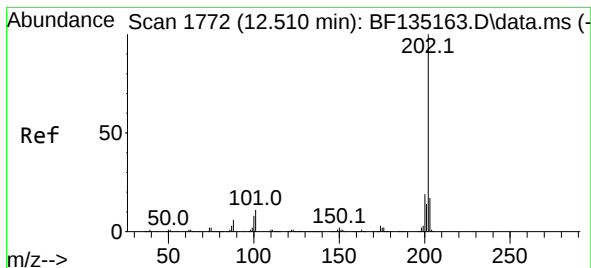
Tgt Ion:165 Resp: 25982
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:188 Resp: 361422
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.3 7.5 11.3





#75

Fluoranthene

Concen: 4.355 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Instrument :

BNA_F

ClientSampleId :

CPT102-07

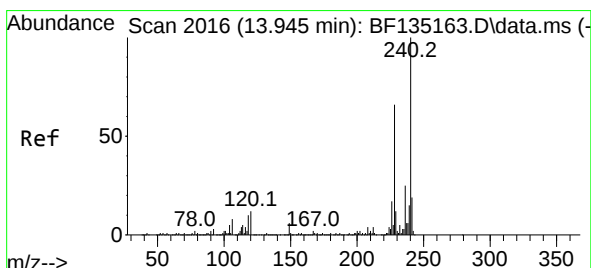
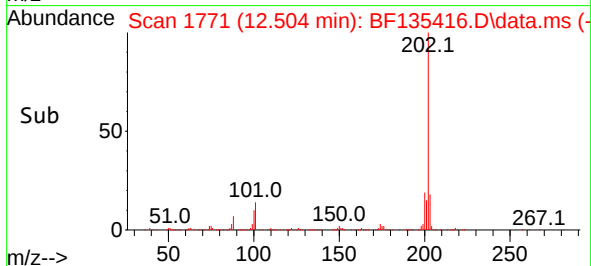
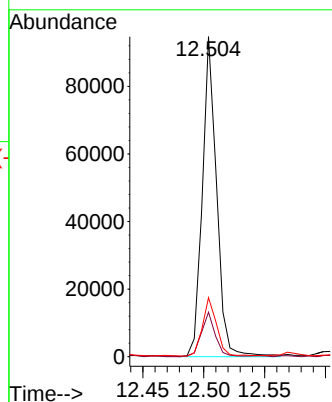
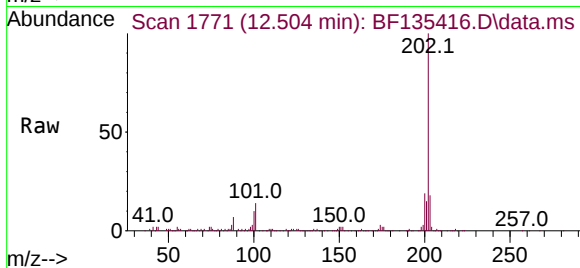
Tgt Ion:202 Resp: 77563

Ion Ratio Lower Upper

202 100

101 13.9 0.0 31.3

203 18.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

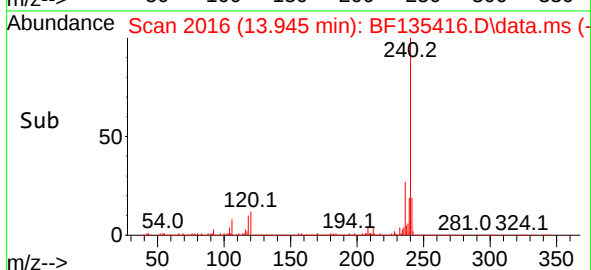
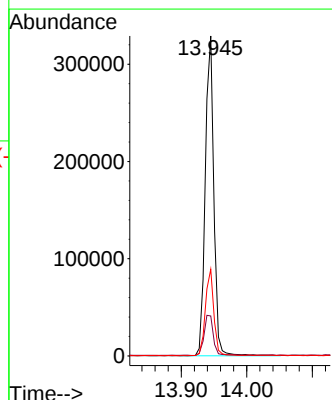
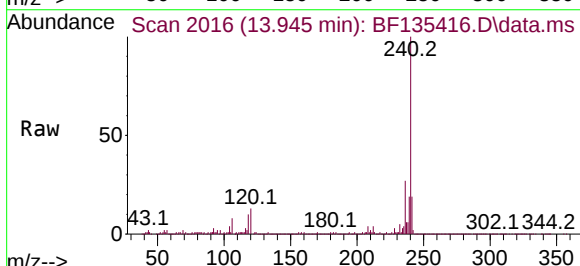
Tgt Ion:240 Resp: 299150

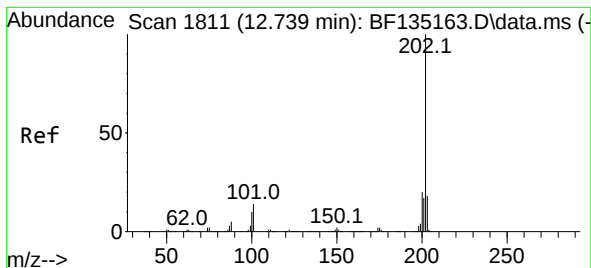
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 27.1 19.8 29.8





#78

Pyrene

Concen: 2.612 ng

RT: 12.733 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Instrument :

BNA_F

ClientSampleId :

CPT102-07

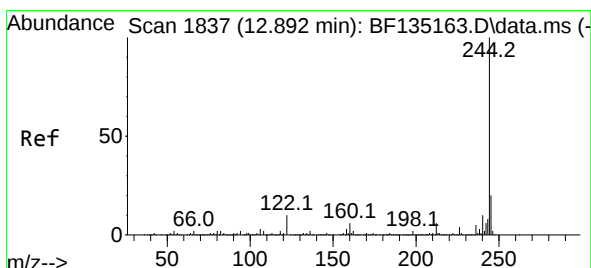
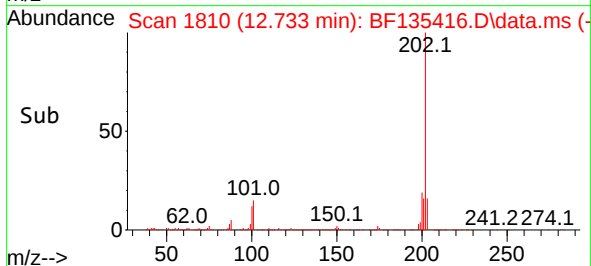
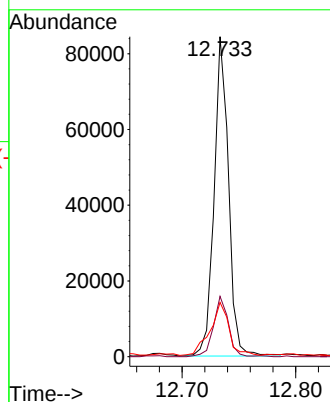
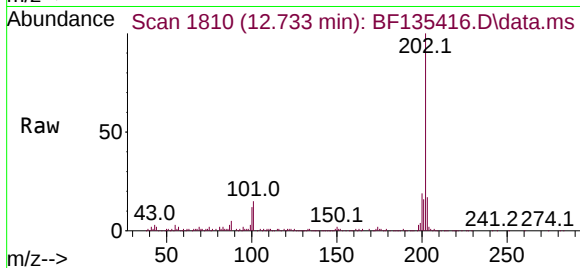
Tgt Ion:202 Resp: 74404

Ion Ratio Lower Upper

202 100

200 18.9 16.2 24.2

203 16.9 14.2 21.4



#79

Terphenyl-d14

Concen: 26.596 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

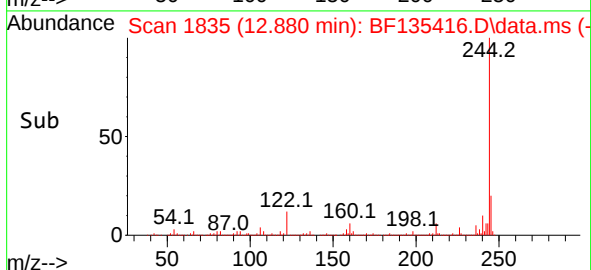
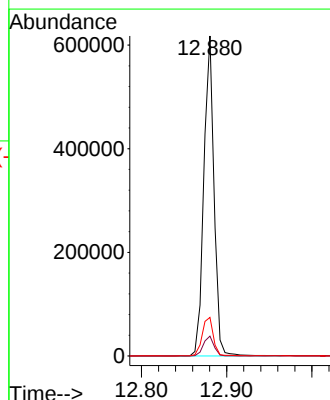
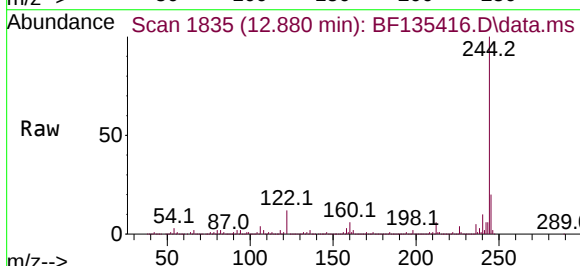
Tgt Ion:244 Resp: 513240

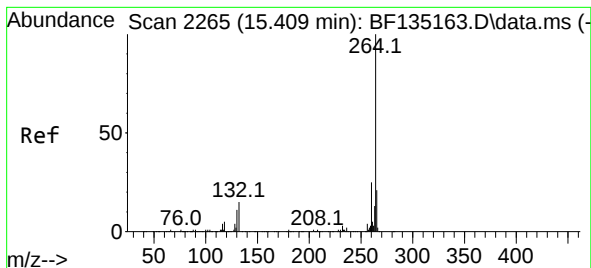
Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 12.1 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Instrument :

BNA_F

ClientSampleId :

CPT102-07

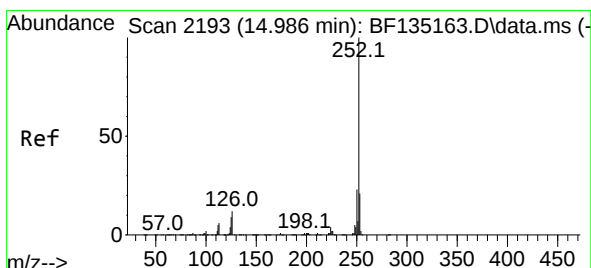
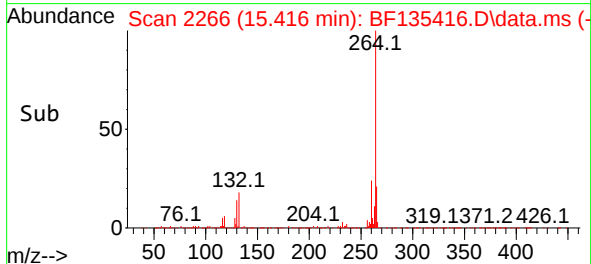
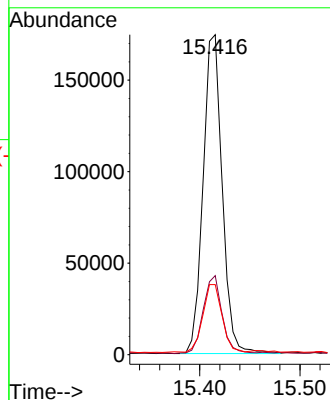
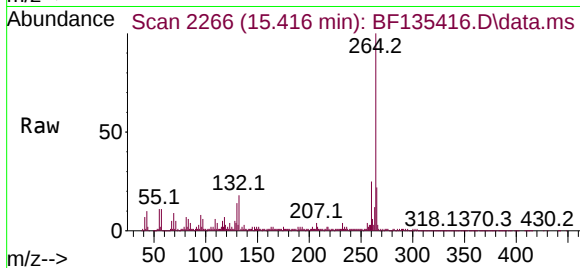
Tgt Ion:264 Resp: 231188

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.9 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 4.224 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

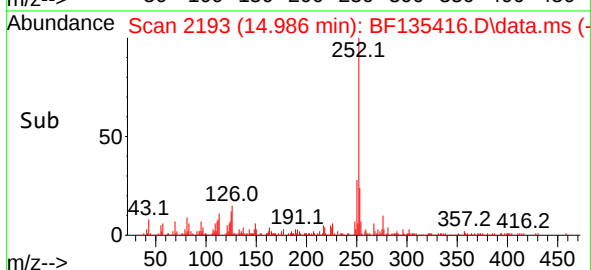
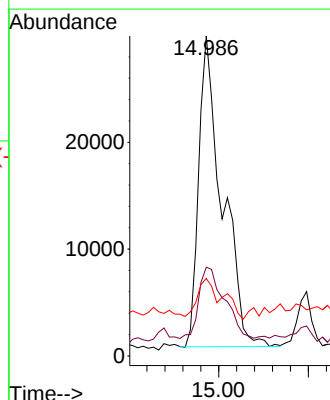
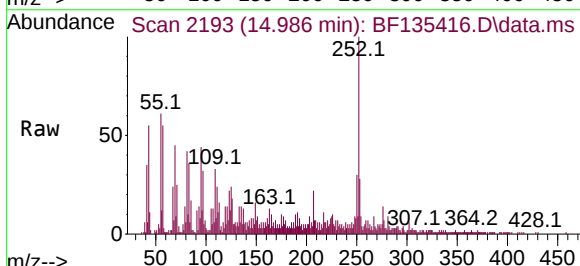
Tgt Ion:252 Resp: 52867

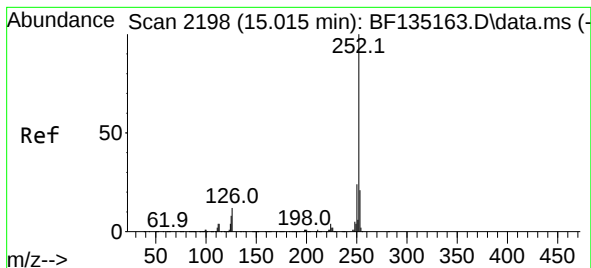
Ion Ratio Lower Upper

252 100

253 27.8 17.2 25.8#

125 24.2 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 4.279 ng

RT: 14.986 min Scan# 2198

Delta R.T. -0.029 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Instrument :

BNA_F

ClientSampleId :

CPT102-07

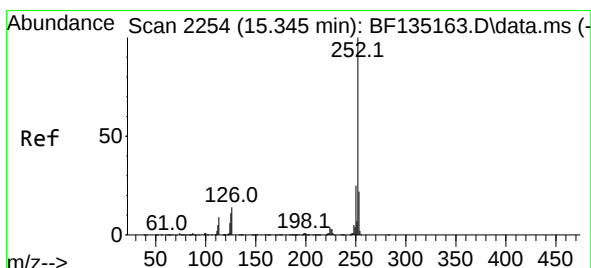
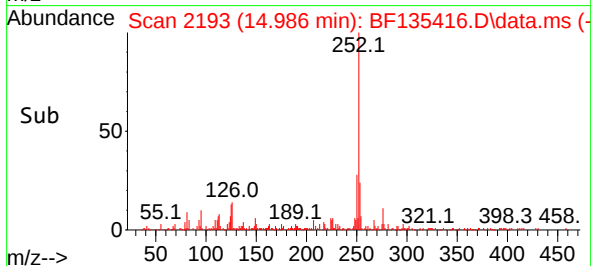
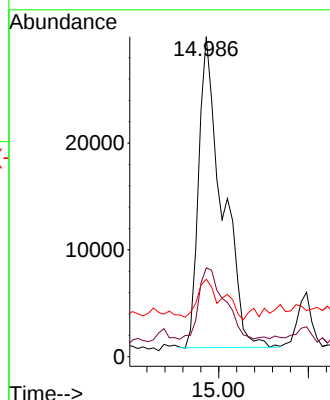
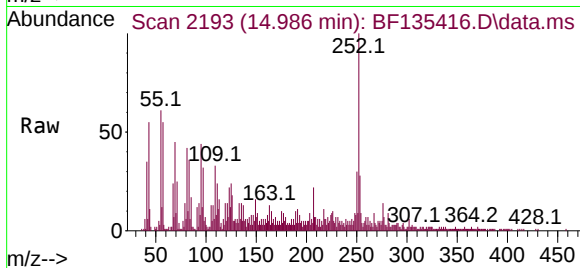
Tgt Ion:252 Resp: 52900

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.0#

125 24.2 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 2.141 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Tgt Ion:252 Resp: 25555

Ion Ratio Lower Upper

252 100

253 30.2 17.5 26.3#

125 32.7 9.2 13.8#

