

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135415.D
 Acq On : 22 Sep 2023 23:26
 Operator : CG\JU
 Sample : 04453-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-13

Quant Time: Sep 23 05:00:30 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)

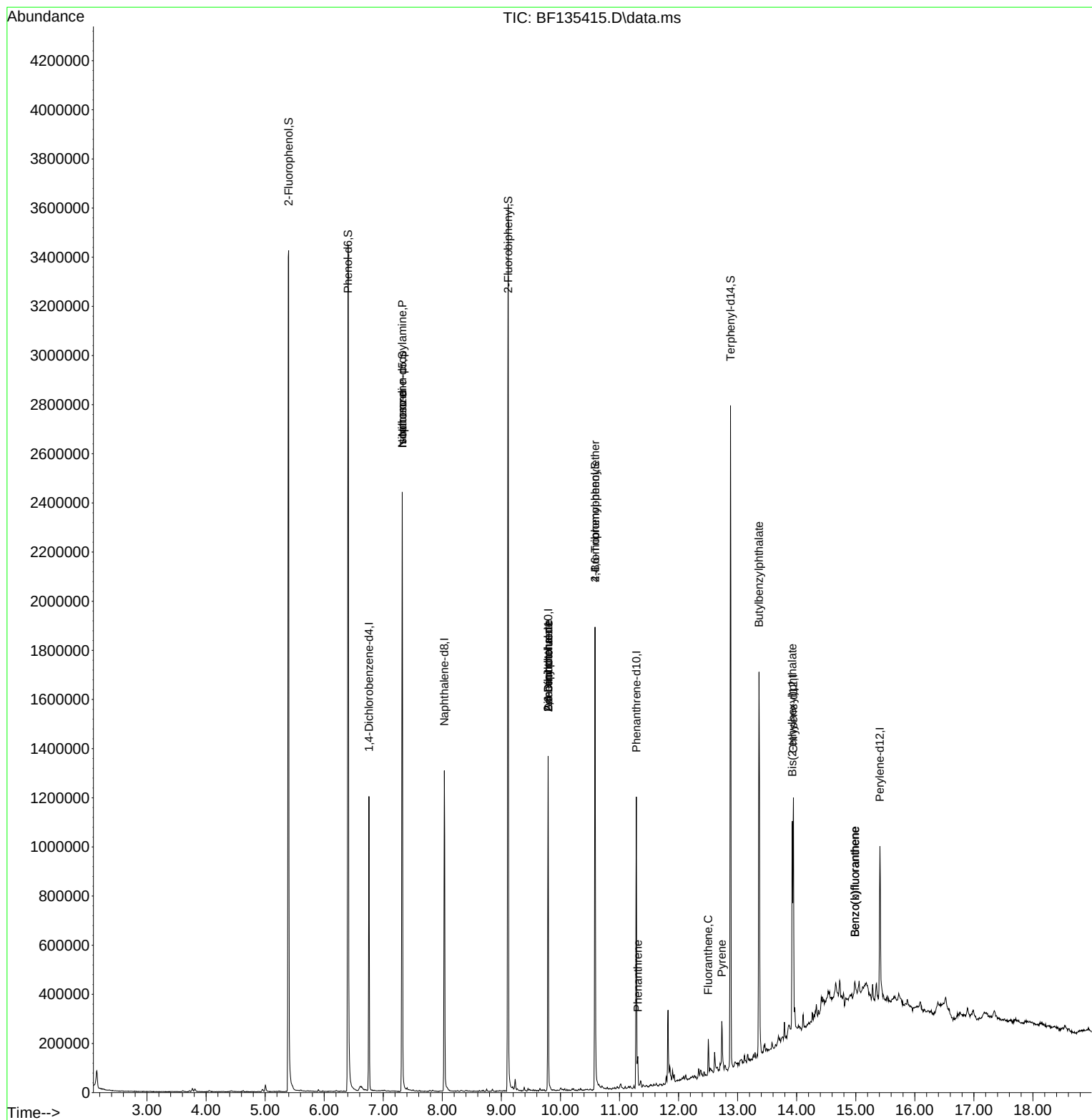
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	159069	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	578075	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	252180	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	420146	20.000	ng	0.00
76) Chrysene-d12	13.945	240	316829	20.000	ng	0.00
86) Perylene-d12	15.410	264	289279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1030096	105.325	ng	0.01
7) Phenol-d6	6.404	99	1275244	102.544	ng	0.00
23) Nitrobenzene-d5	7.322	82	776433	72.972	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	206466	82.387	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1188934	71.131	ng	-0.01
79) Terphenyl-d14	12.880	244	955769	46.764	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	101958	13.236	ng	# 83
25) Isophorone	7.322	82	776424	39.739	ng	# 65
50) Dimethylphthalate	9.792	163	47494	2.786	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	32159	8.610	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	32159	6.877	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	14023	3.356	ng	# 1
71) Phenanthrene	11.310	178	40718	2.049	ng	100
75) Fluoranthene	12.504	202	55817	2.696	ng	97
78) Pyrene	12.733	202	69600	2.307	ng	98
80) Butylbenzylphthalate	13.363	149	253615	23.880	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	218346	20.035	ng	99
88) Benzo(b)fluoranthene	14.986	252	43063	2.750	ng	# 81
89) Benzo(k)fluoranthene	14.986	252	43063	2.784	ng	# 81

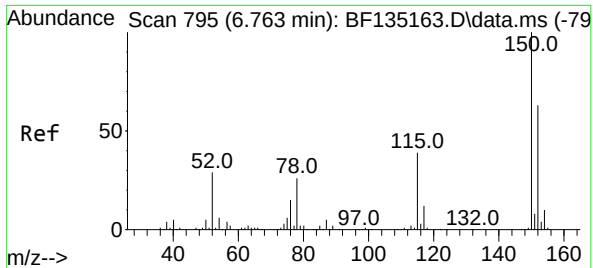
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135415.D
Acq On : 22 Sep 2023 23:26
Operator : CG\JU
Sample : 04453-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPT102-13

Quant Time: Sep 23 05:00:30 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

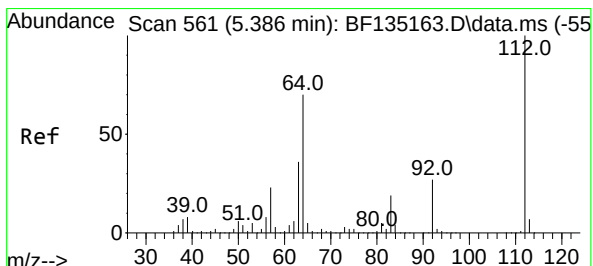
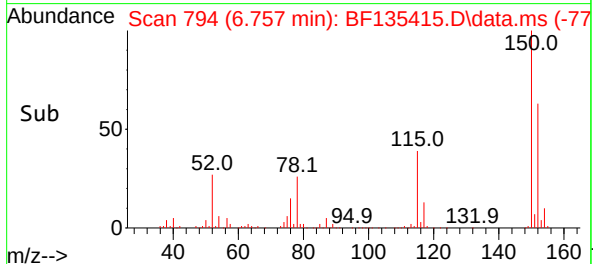
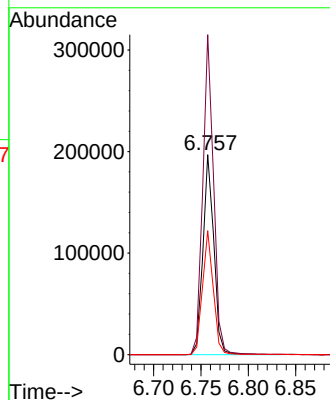
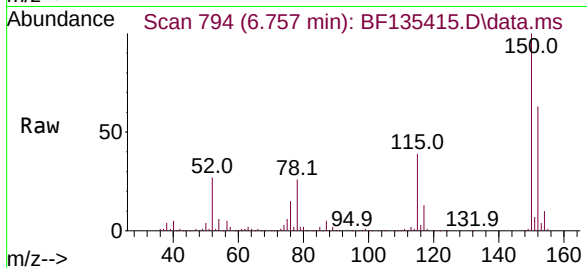




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

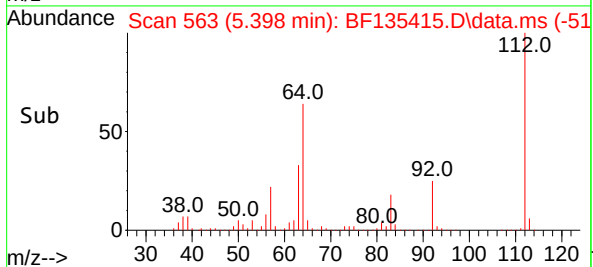
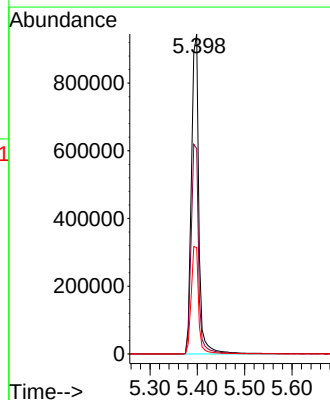
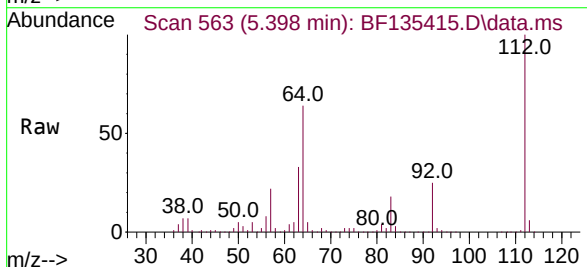
Instrument :
BNA_F
ClientSampleId :
CPT102-13

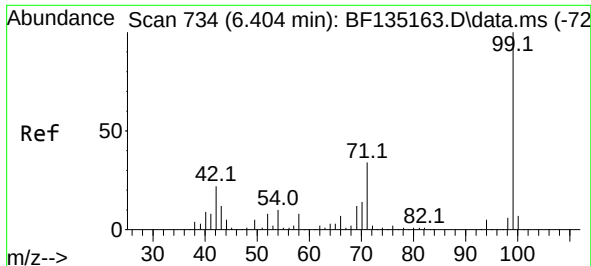
Tgt Ion:152 Resp: 159069
Ion Ratio Lower Upper
152 100
150 160.0 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 105.325 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:112 Resp: 1030096
Ion Ratio Lower Upper
112 100
64 64.2 55.9 83.9
63 33.3 29.0 43.6





#7

Phenol-d6

Concen: 102.544 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

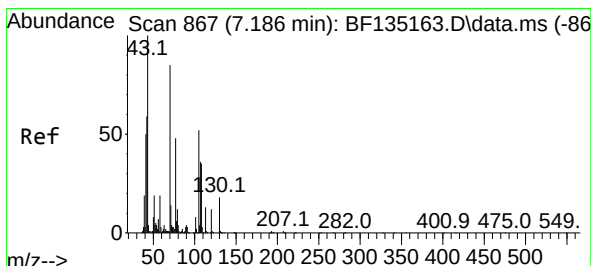
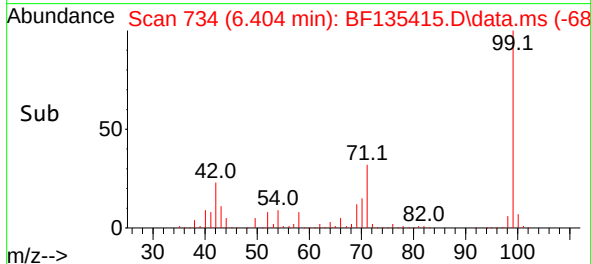
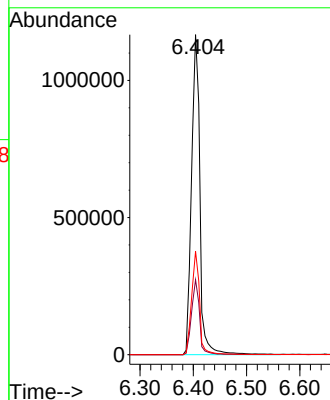
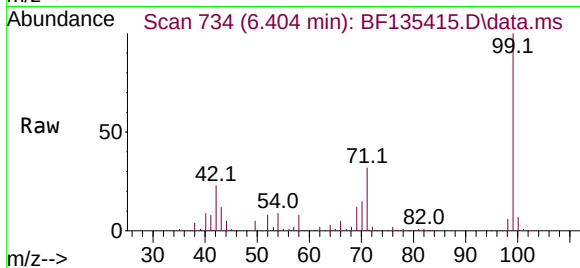
BNA_F

ClientSampleId :

CPT102-13

Tgt Ion: 99 Resp: 1275244

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	32.3	27.0	40.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.236 ng

RT: 7.322 min Scan# 890

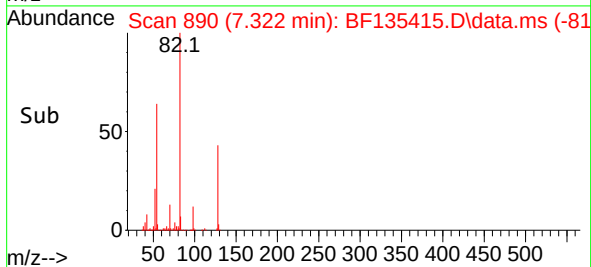
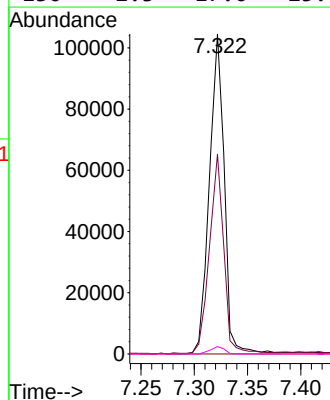
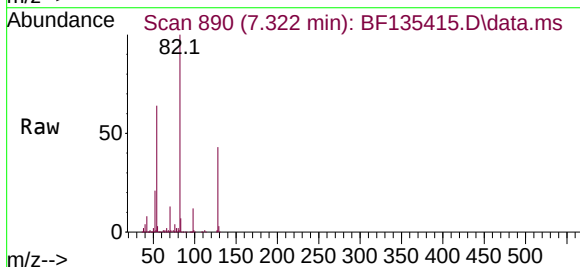
Delta R.T. 0.135 min

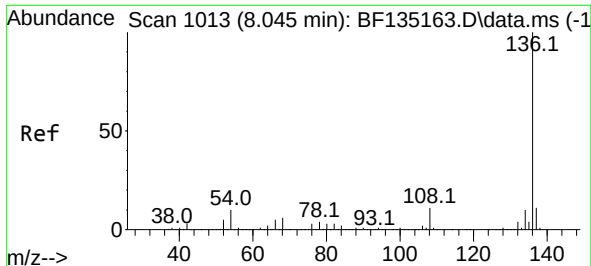
Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Tgt Ion: 70 Resp: 101958

Ion	Ratio	Lower	Upper
70	100		
42	62.5	55.4	83.0
101	0.0	7.7	11.5#
130	2.3	17.0	25.6#

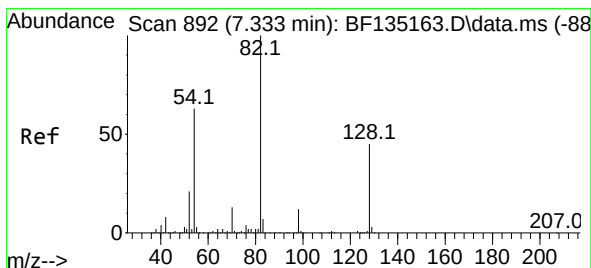
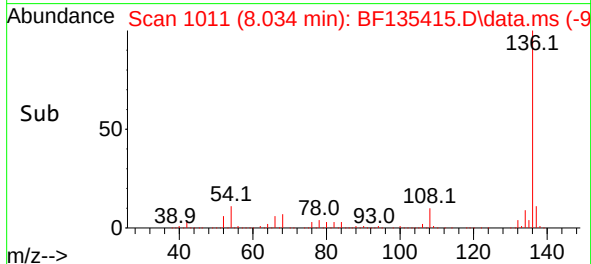
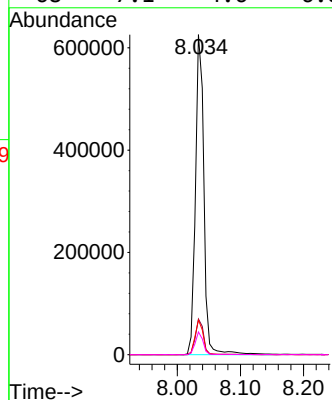
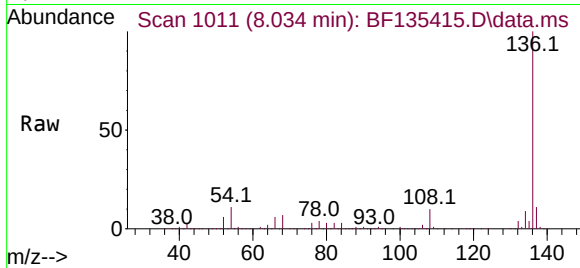




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

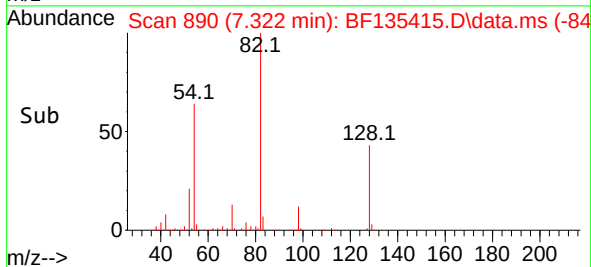
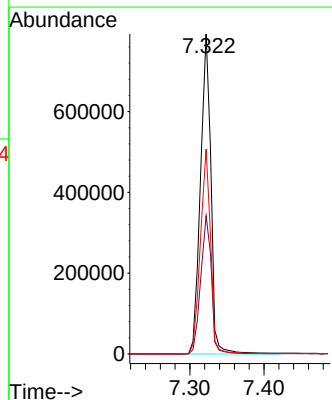
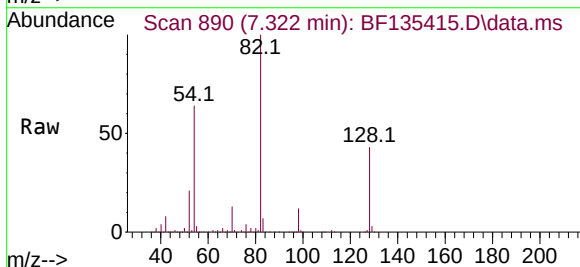
Instrument :
BNA_F
ClientSampleId :
CPT102-13

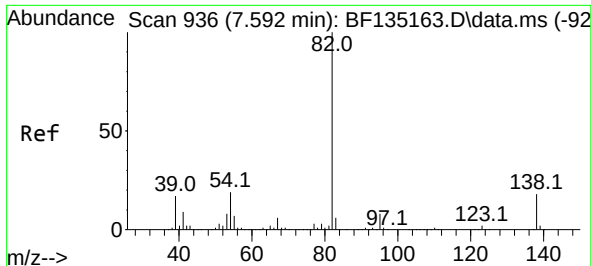
Tgt Ion:136 Resp: 578075
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.8 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 72.972 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion: 82 Resp: 776433
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.6
54 64.0 50.6 76.0

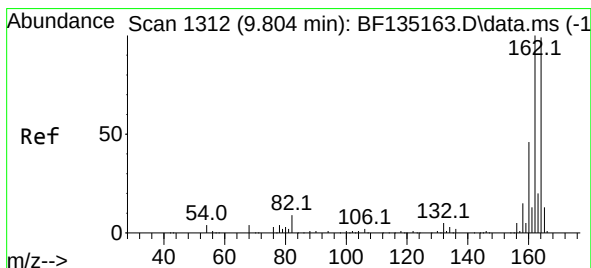
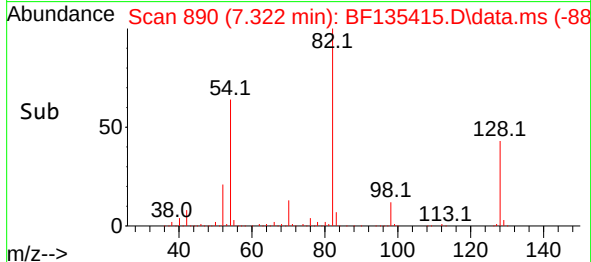
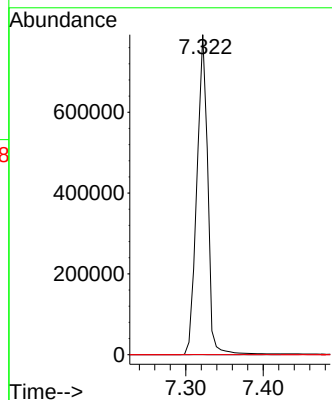
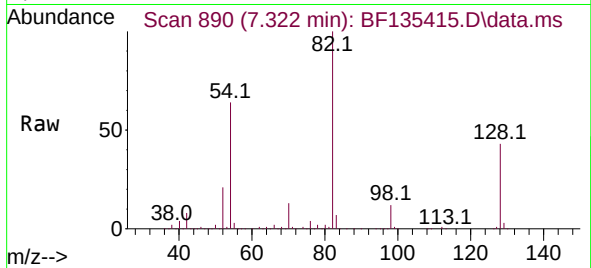




#25
Isophorone
Concen: 39.739 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

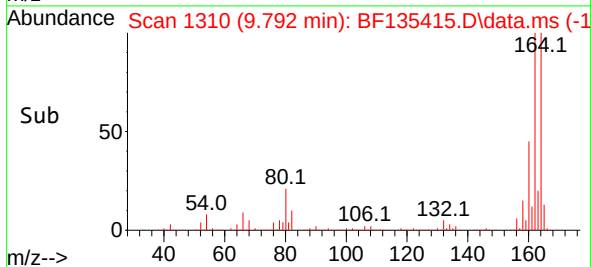
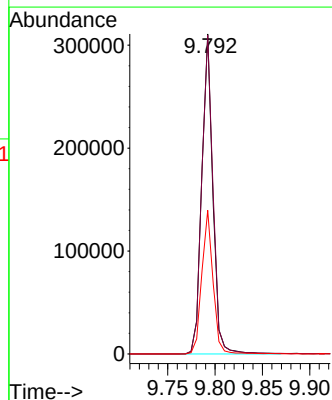
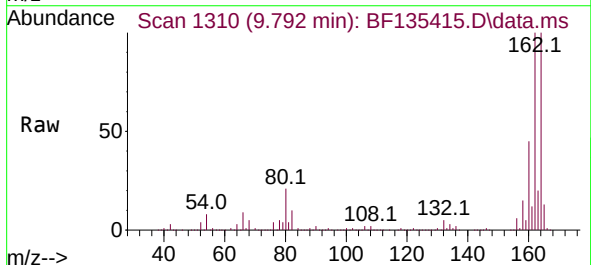
Instrument :
BNA_F
ClientSampleId :
CPT102-13

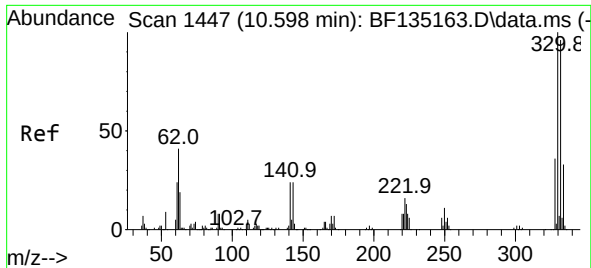
Tgt Ion: 82 Resp: 776424
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

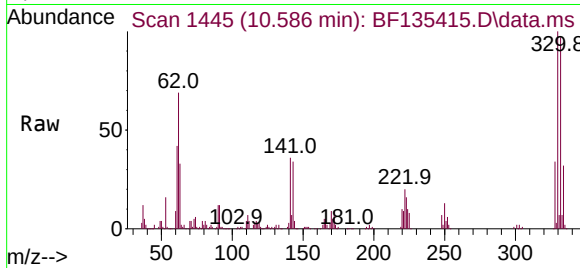
Tgt Ion: 164 Resp: 252180
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.9 37.0 55.4



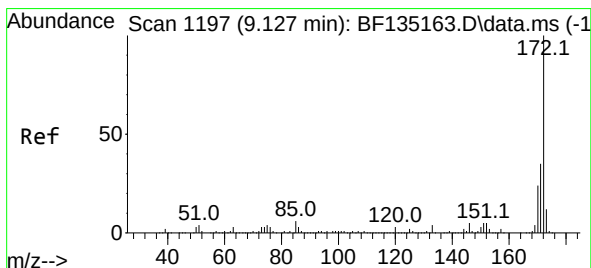
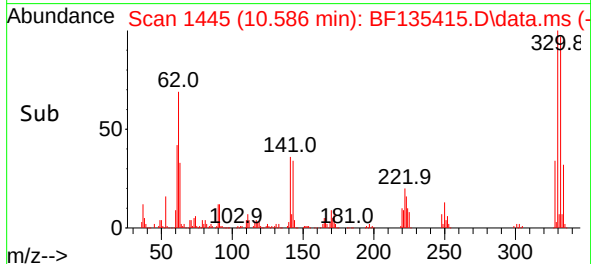
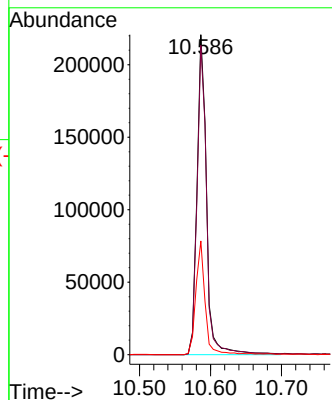


#42
2,4,6-Tribromophenol
Concen: 82.387 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Instrument :
BNA_F
ClientSampleId :
CPT102-13

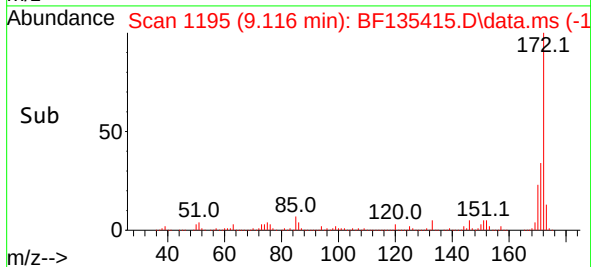
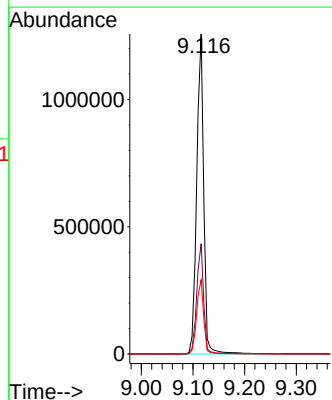
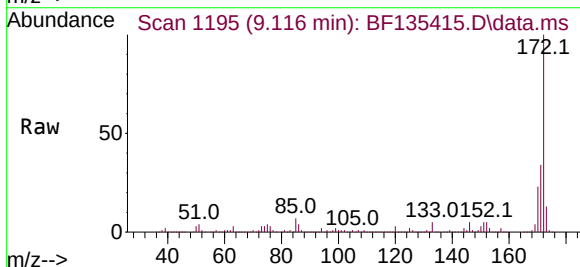


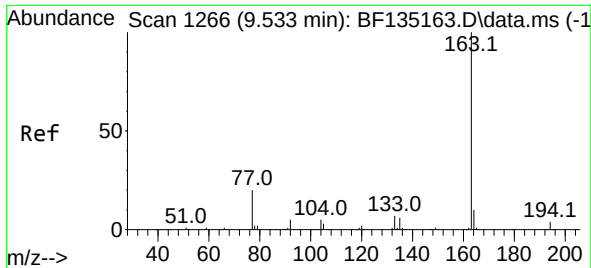
Tgt Ion:330 Resp: 206466
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 71.131 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:172 Resp: 1188934
Ion Ratio Lower Upper
172 100
171 34.4 28.4 42.6
170 23.2 19.0 28.4

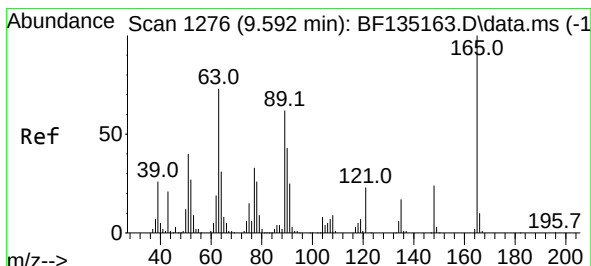
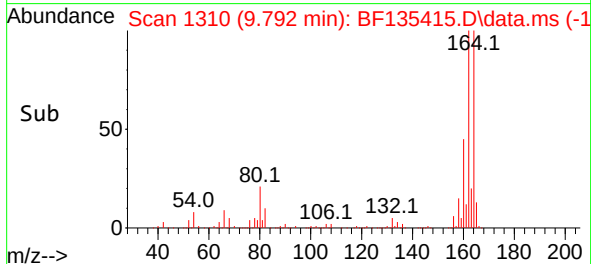
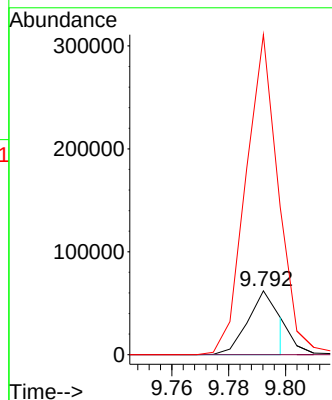
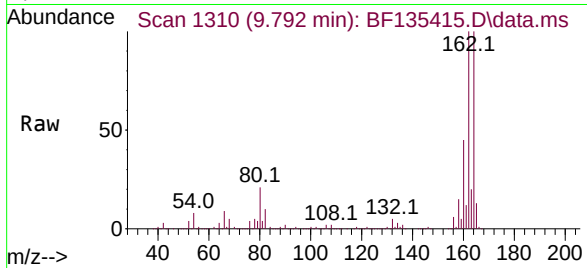




#50
Dimethylphthalate
Concen: 2.786 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

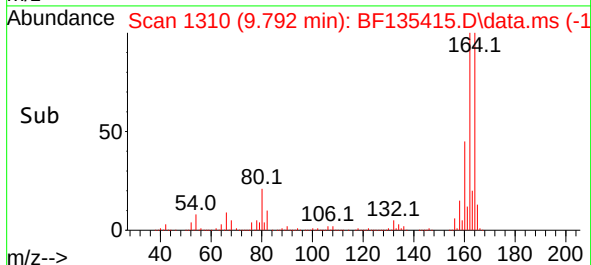
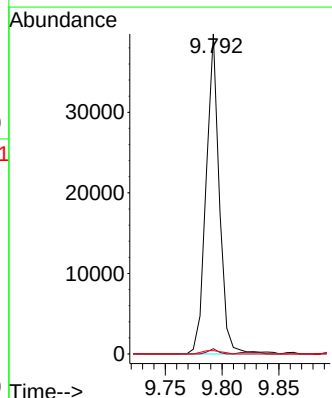
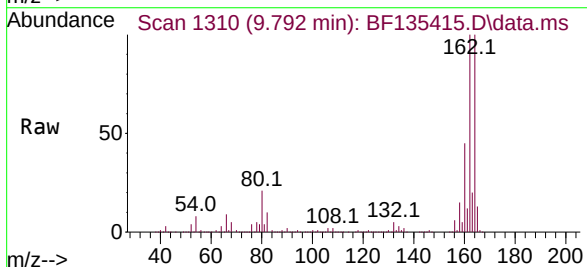
Instrument :
BNA_F
ClientSampleId :
CPT102-13

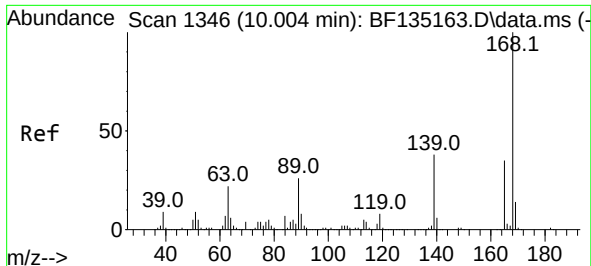
Tgt Ion:163 Resp: 47494
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 500.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:165 Resp: 32159
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.1 49.8 74.8#

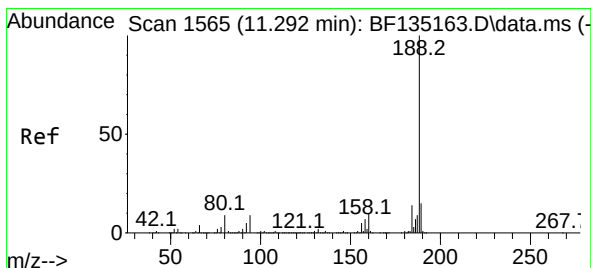
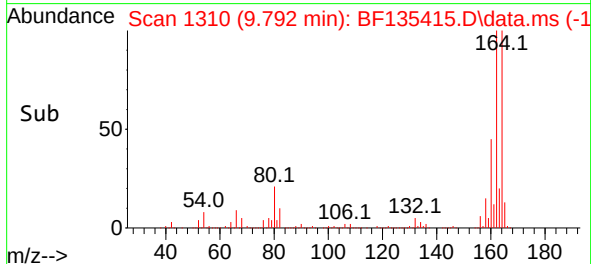
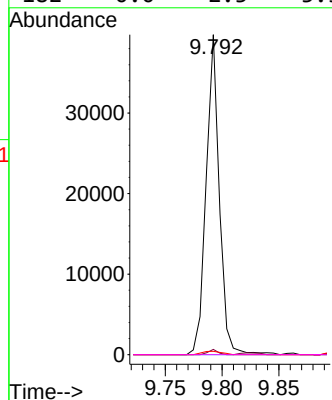
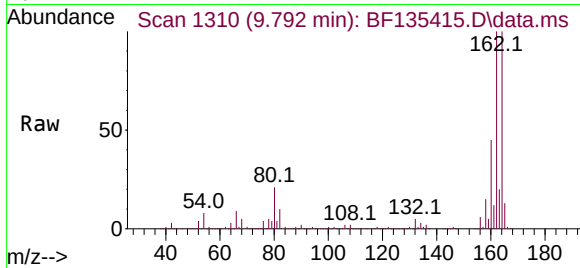




#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

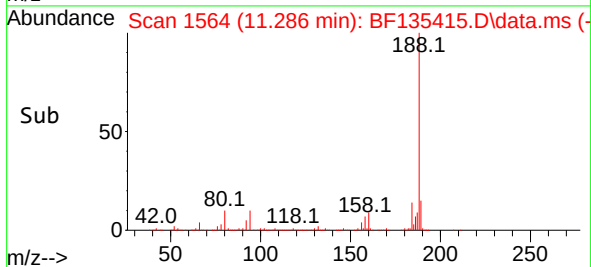
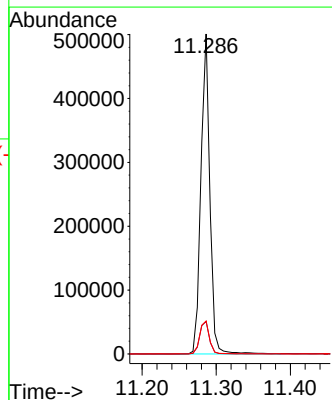
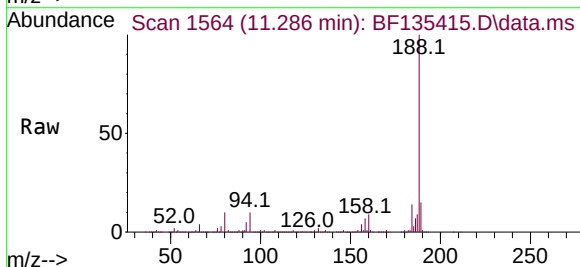
Instrument :
BNA_F
ClientSampleId :
CPT102-13

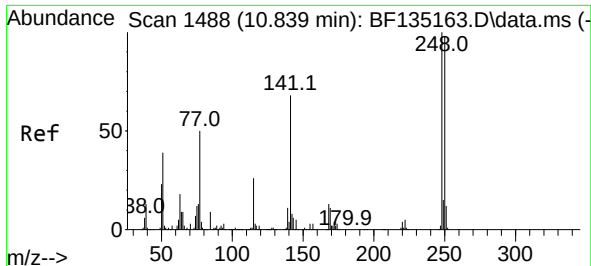
Tgt Ion:165 Resp: 32159
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:188 Resp: 420146
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.3 7.5 11.3





#67

4-Bromophenyl-phenylether

Concen: 3.356 ng

RT: 10.586 min Scan# 1488

Delta R.T. -0.253 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

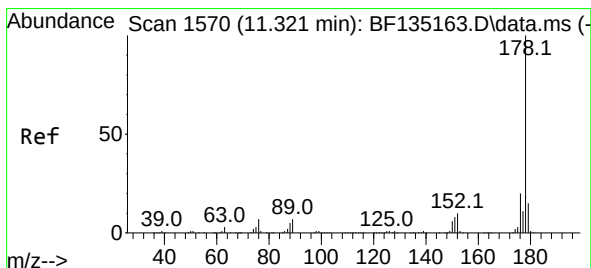
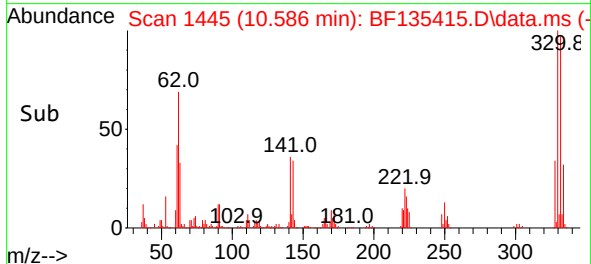
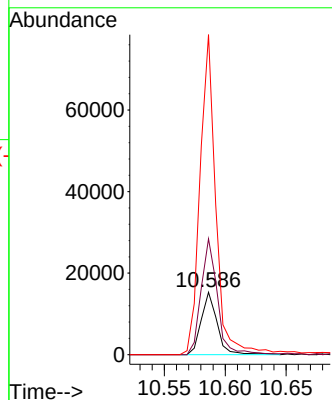
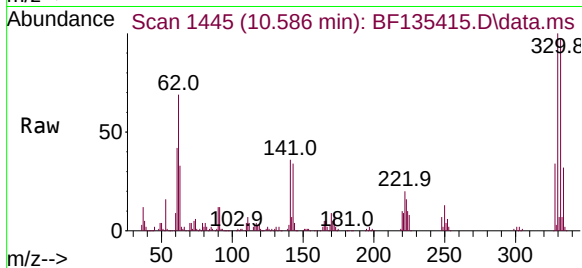
Tgt Ion:248 Resp: 14023

Ion Ratio Lower Upper

248 100

250 185.6 78.6 117.8#

141 512.5 54.2 81.2#



#71

Phenanthrene

Concen: 2.049 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.012 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

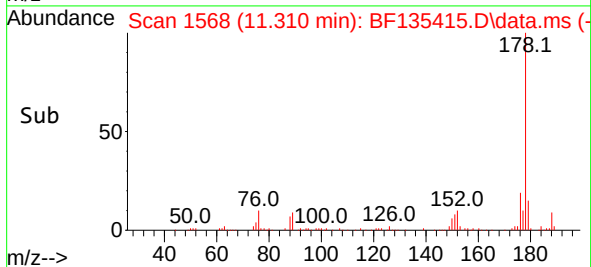
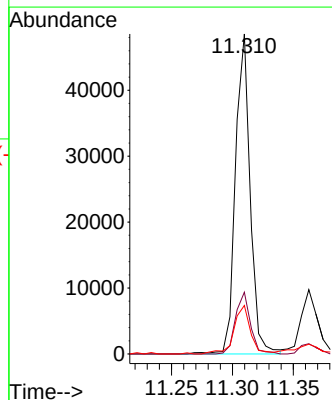
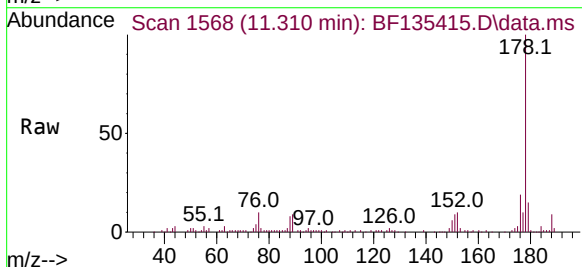
Tgt Ion:178 Resp: 40718

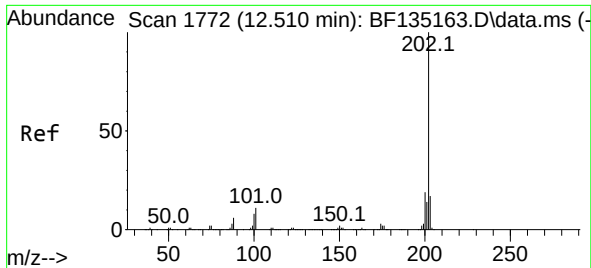
Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.2 12.0 18.0

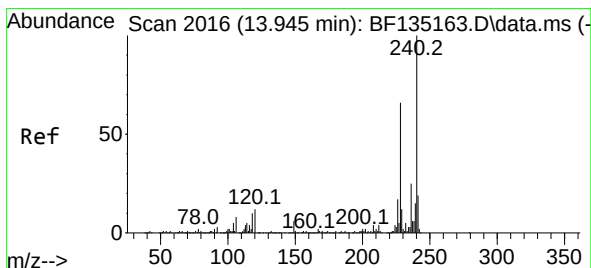
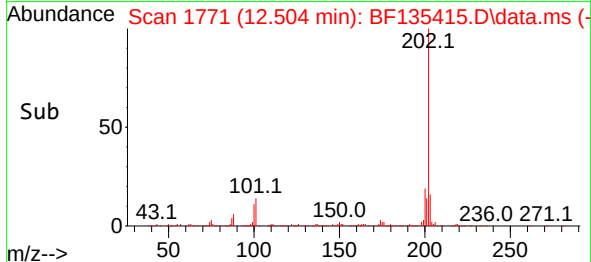
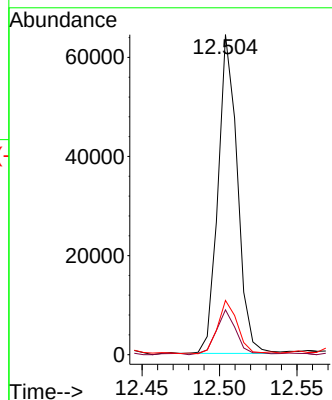
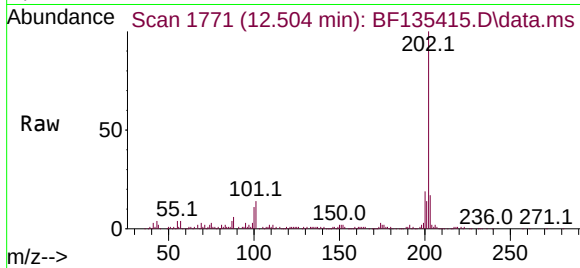




#75
Fluoranthene
Concen: 2.696 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

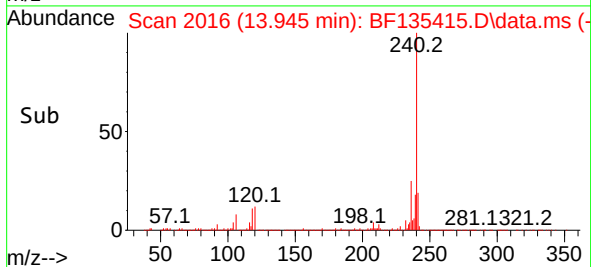
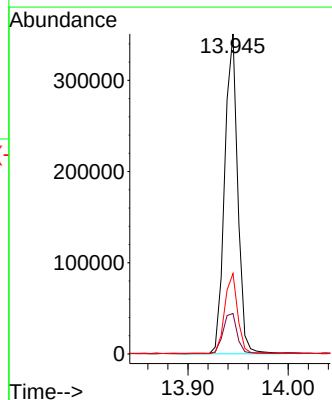
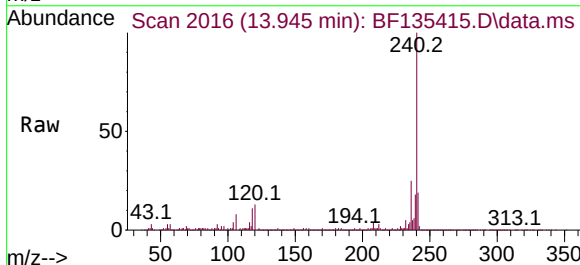
Instrument :
BNA_F
ClientSampleId :
CPT102-13

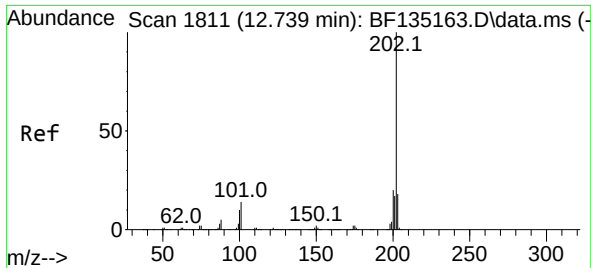
Tgt Ion:202 Resp: 55817
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.3
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:240 Resp: 316829
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 25.1 19.8 29.8

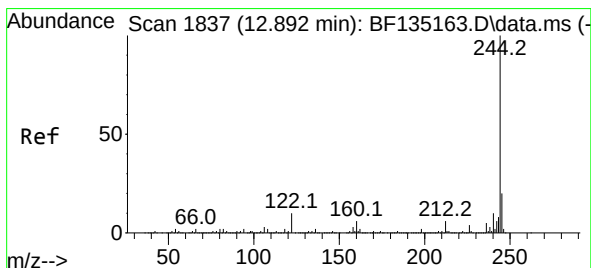
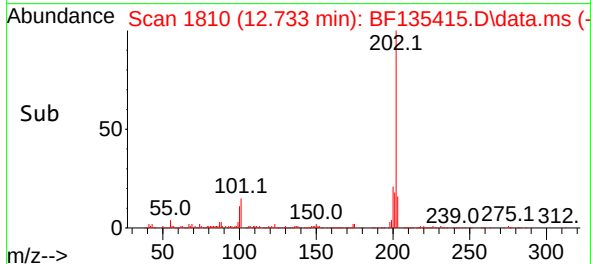
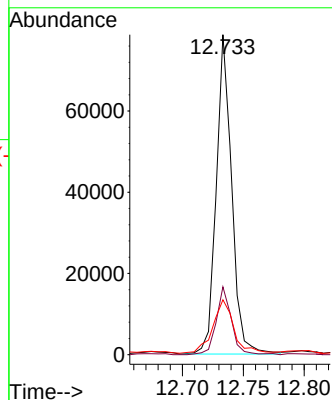
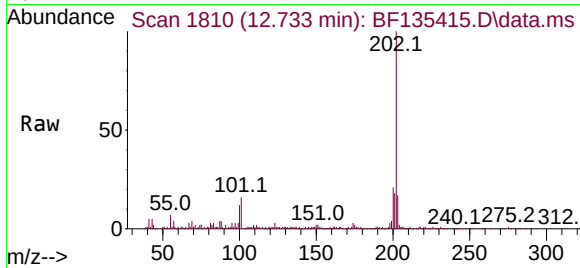




#78
Pyrene
Concen: 2.307 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

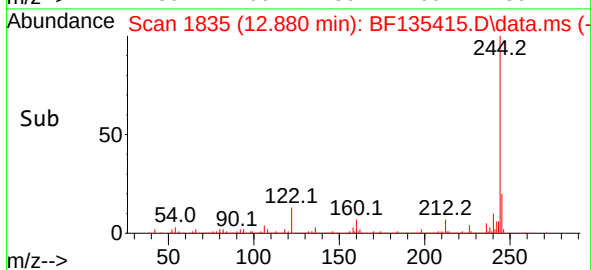
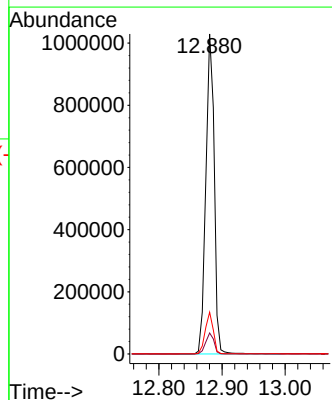
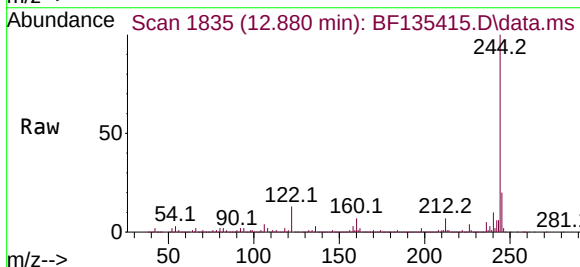
Instrument :
BNA_F
ClientSampleId :
CPT102-13

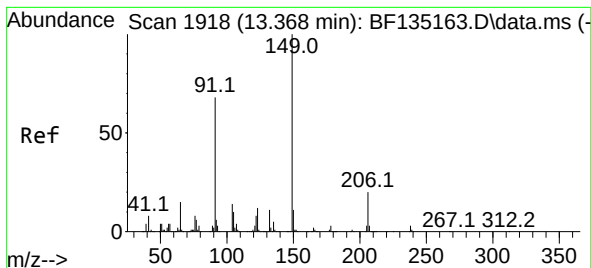
Tgt Ion:202 Resp: 69600
Ion Ratio Lower Upper
202 100
200 21.2 16.2 24.2
203 17.1 14.2 21.4



#79
Terphenyl-d14
Concen: 46.764 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135415.D
Acq: 22 Sep 2023 23:26

Tgt Ion:244 Resp: 955769
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.0 7.9 11.9#





#80

Butylbenzylphthalate

Concen: 23.880 ng

RT: 13.363 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

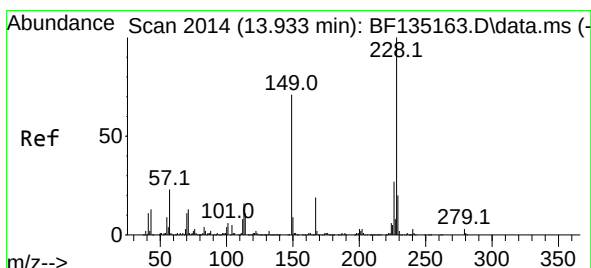
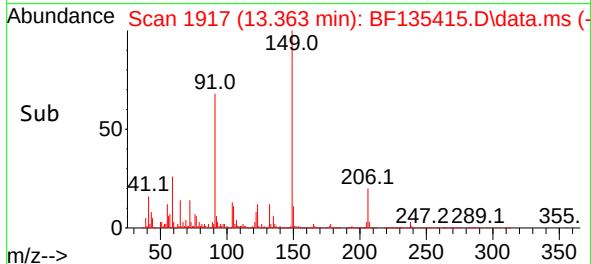
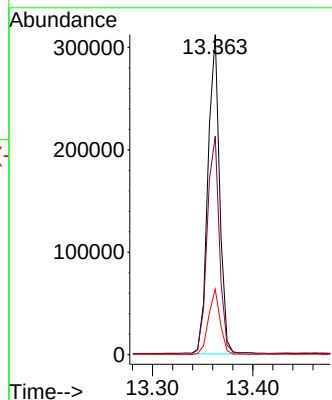
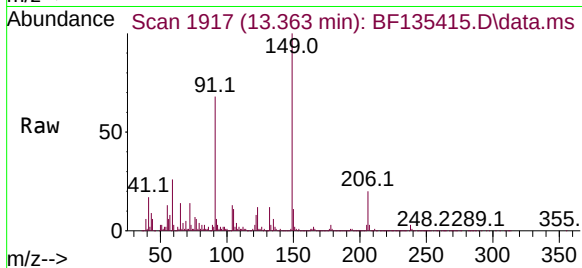
Tgt Ion:149 Resp: 253615

Ion Ratio Lower Upper

149 100

91 68.2 54.7 82.1

206 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.035 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

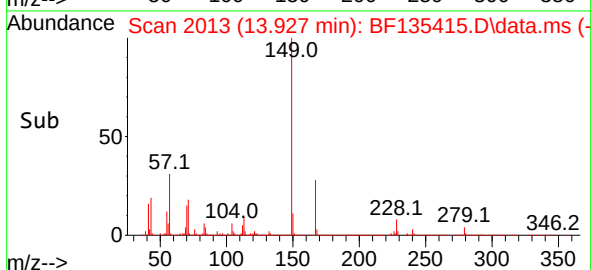
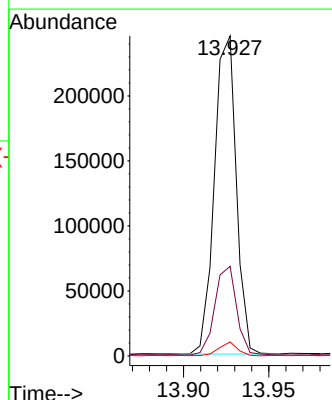
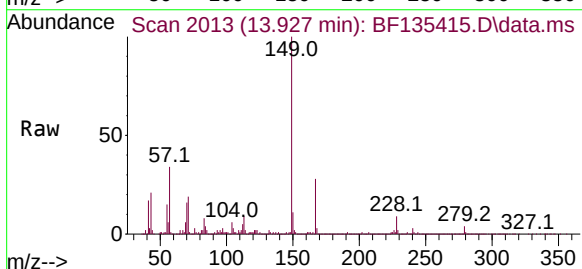
Tgt Ion:149 Resp: 218346

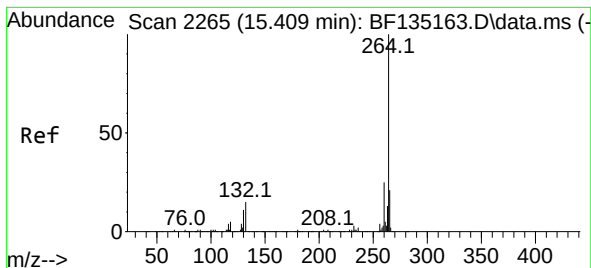
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 4.4 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13

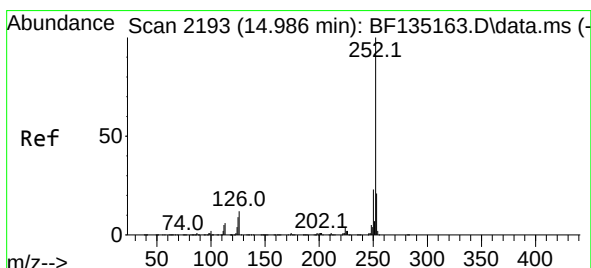
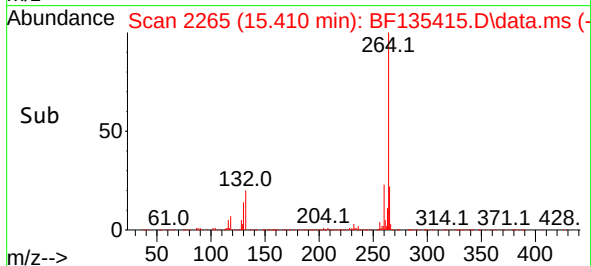
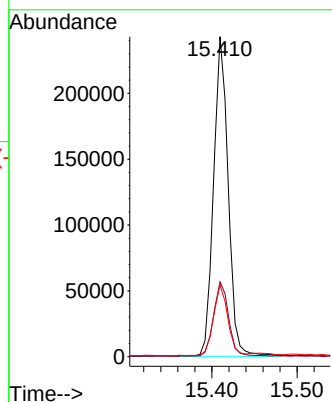
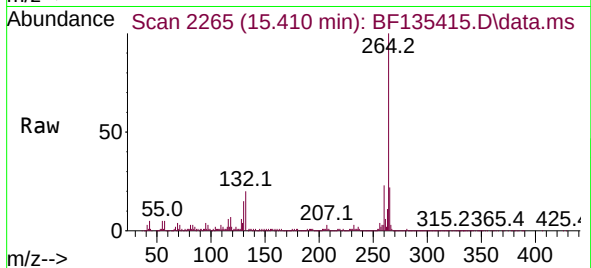
Tgt Ion:264 Resp: 289279

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 22.4 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.750 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135415.D

Acq: 22 Sep 2023 23:26

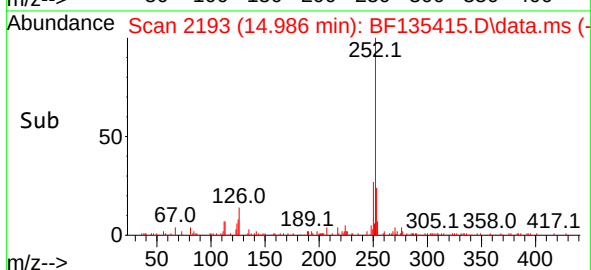
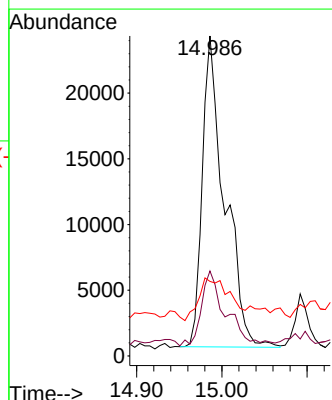
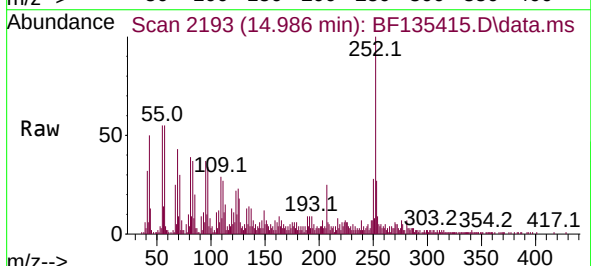
Tgt Ion:252 Resp: 43063

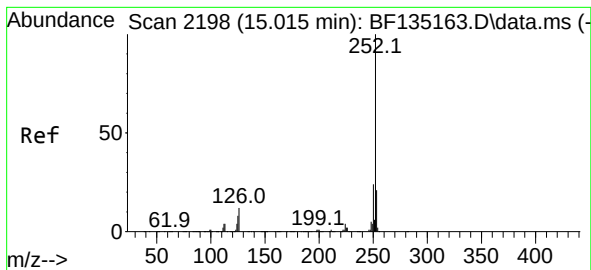
Ion Ratio Lower Upper

252 100

253 26.6 17.2 25.8#

125 23.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 2.784 ng

RT: 14.986 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF135415.D

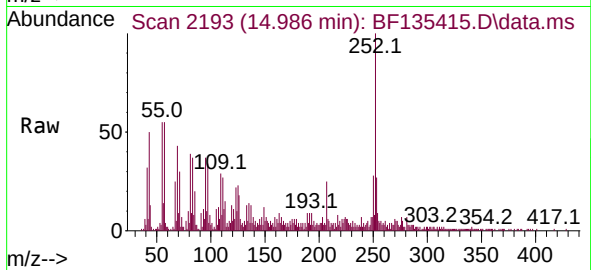
Acq: 22 Sep 2023 23:26

Instrument :

BNA_F

ClientSampleId :

CPT102-13



Tgt Ion:252 Resp: 43063

Ion Ratio Lower Upper

252 100

253 26.6 17.4 26.0#

125 23.3 7.2 10.8#

