

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135365.D
 Acq On : 20 Sep 2023 19:15
 Operator : CG\JU
 Sample : 04397-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT103-07

Quant Time: Sep 21 01:53:05 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

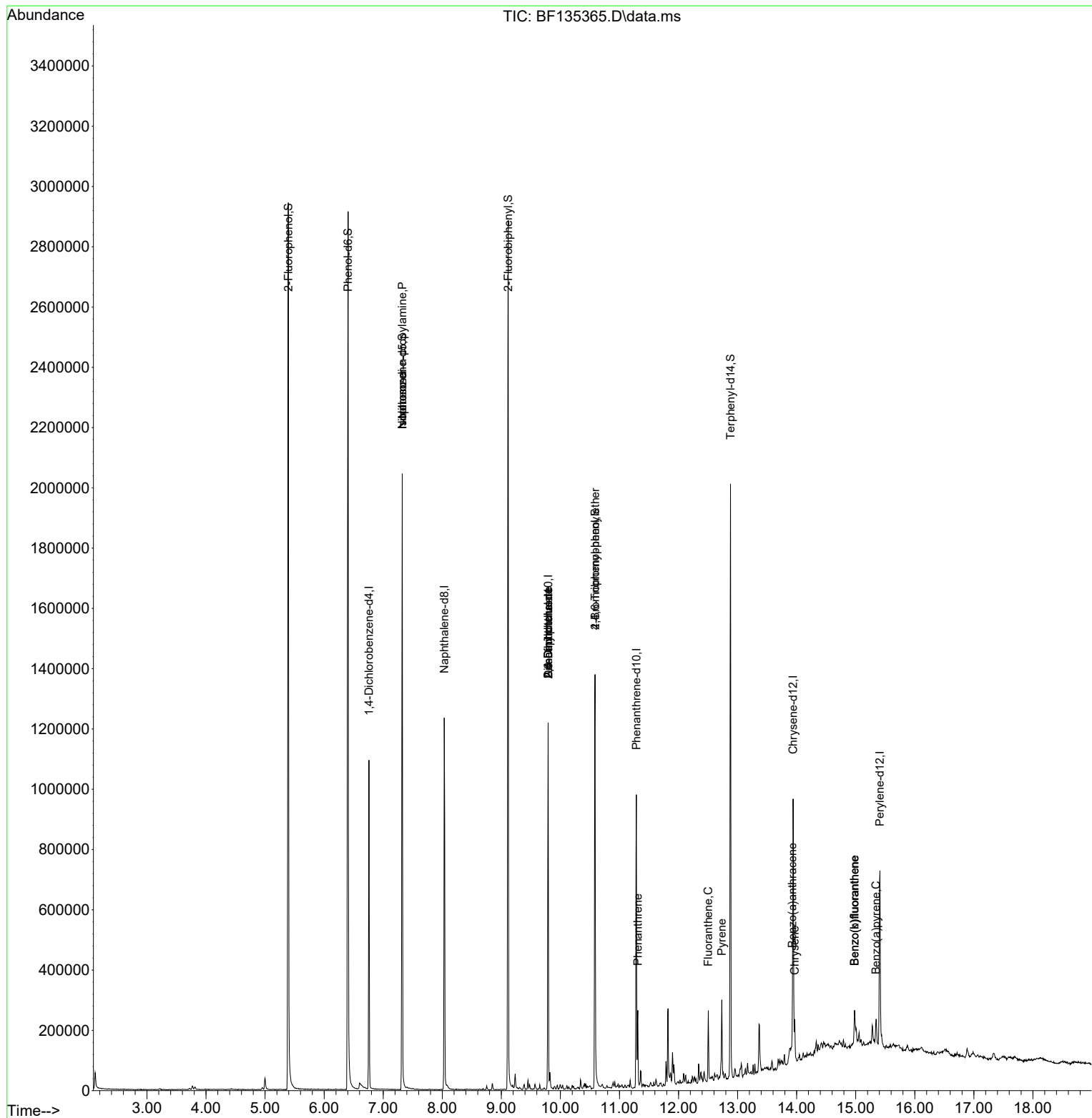
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	141106	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	512758	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	227665	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	353058	20.000	ng	0.00
76) Chrysene-d12	13.939	240	276960	20.000	ng	0.00
86) Perylene-d12	15.410	264	275528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	784668	90.444	ng	0.00
7) Phenol-d6	6.404	99	977049	88.568	ng	0.00
23) Nitrobenzene-d5	7.322	82	577739	61.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	165540	73.169	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	902708	59.822	ng	-0.01
79) Terphenyl-d14	12.880	244	674965	37.779	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	75860	11.102	ng	# 78
25) Isophorone	7.322	82	577730	33.336	ng	# 65
50) Dimethylphthalate	9.792	163	43528	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	29878	8.861	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	29878	7.078	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	10703	3.048	ng	# 1
71) Phenanthrene	11.310	178	89709	5.372	ng	99
75) Fluoranthene	12.504	202	86021	4.944	ng	98
78) Pyrene	12.733	202	105217	3.990	ng	98
81) Benzo(a)anthracene	13.927	228	55525	3.105	ng	99
83) Chrysene	13.969	228	57606	3.240	ng	98
88) Benzo(b)fluoranthene	14.980	252	72940	4.890	ng	# 95
89) Benzo(k)fluoranthene	14.980	252	72940	4.951	ng	# 95
90) Benzo(a)pyrene	15.345	252	38665	2.718	ng	# 93

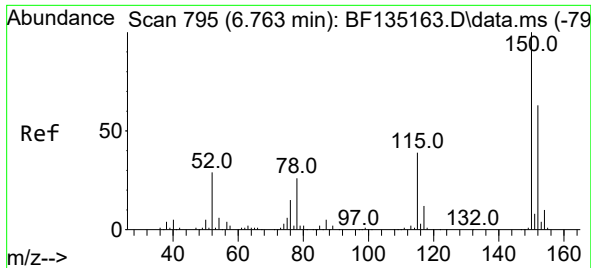
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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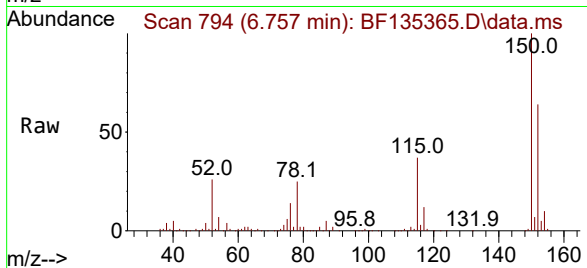
Quant Time: Sep 21 01:53:05 2023
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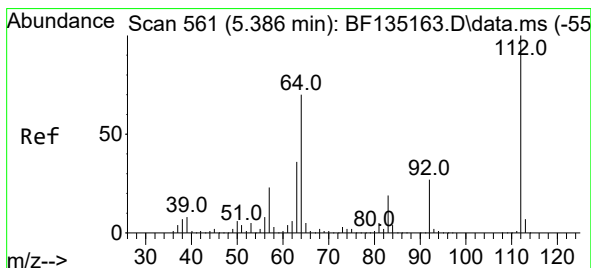
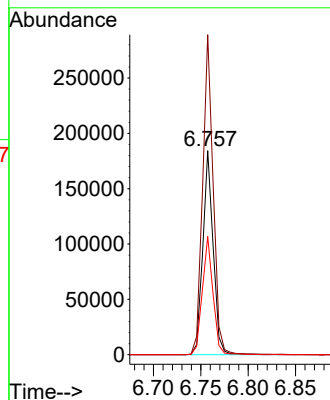
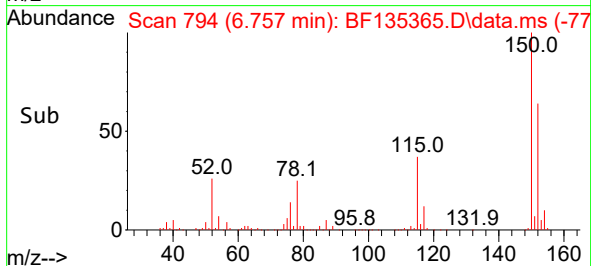


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
CPT103-07

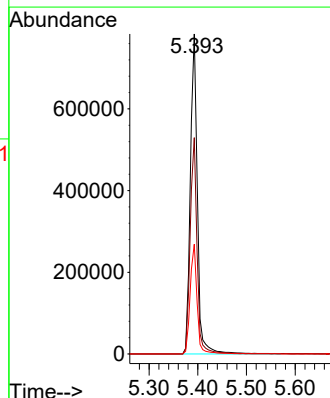
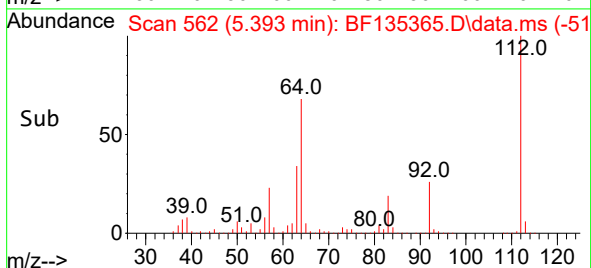
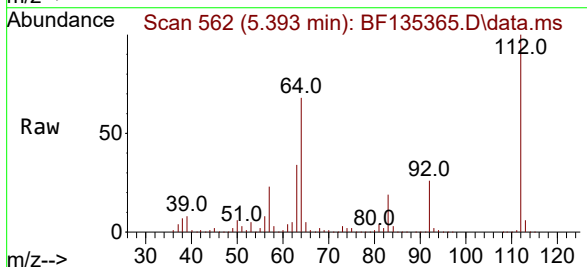


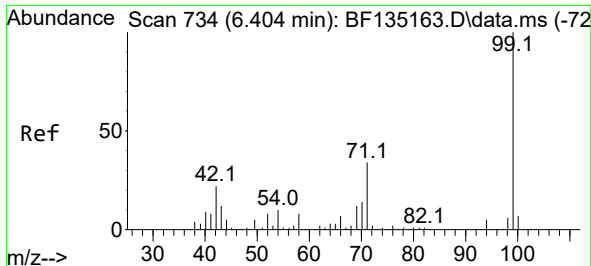
Tgt Ion:152 Resp: 141106
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 90.444 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:112 Resp: 784668
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 34.3 29.0 43.6

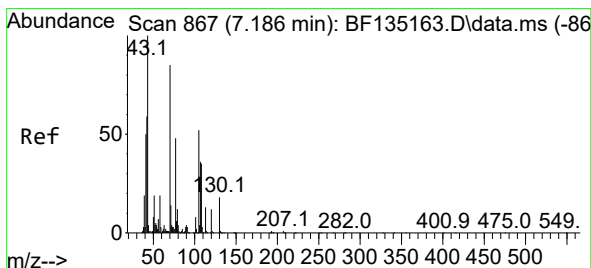
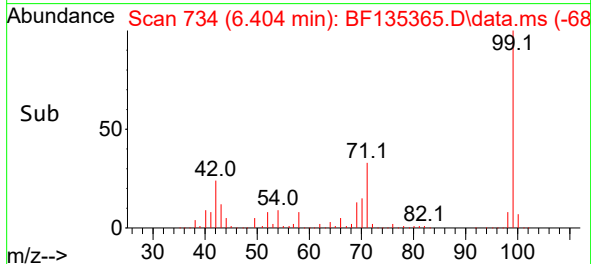
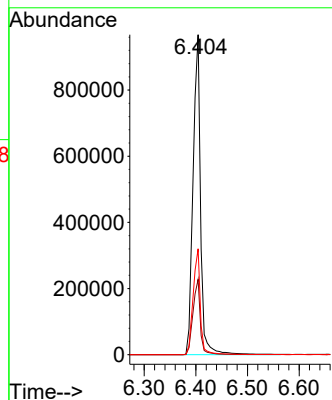
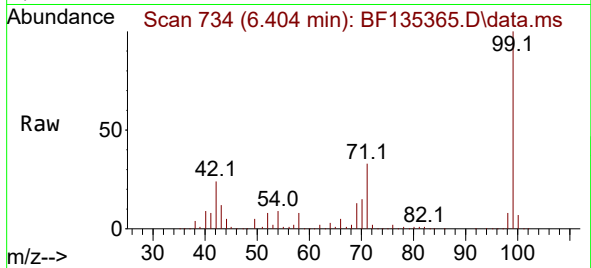




#7
Phenol-d6
Concen: 88.568 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

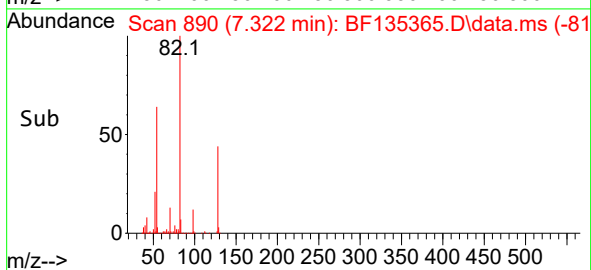
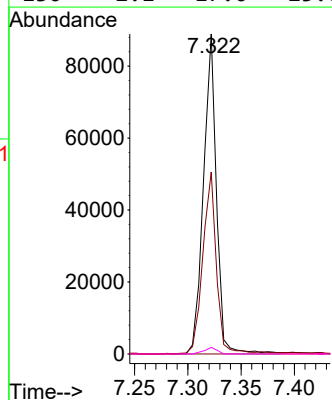
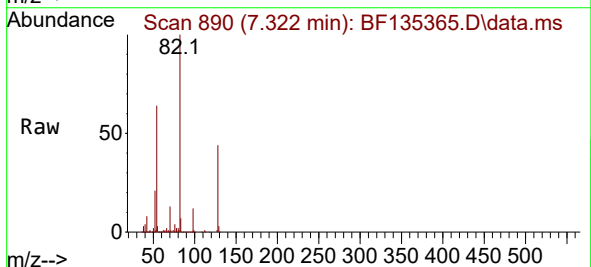
Instrument :
BNA_F
ClientSampleId :
CPT103-07

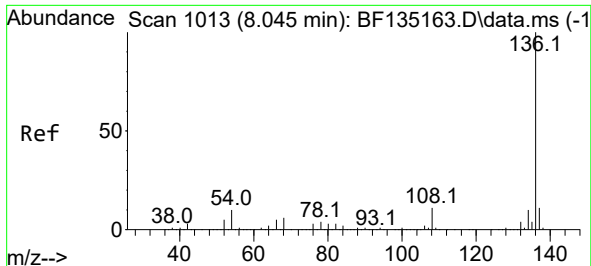
Tgt Ion: 99 Resp: 977049
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.102 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion: 70 Resp: 75860
Ion Ratio Lower Upper
70 100
42 56.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

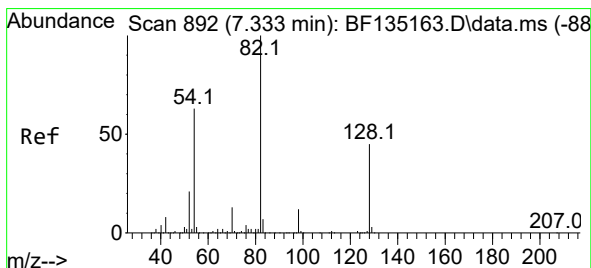
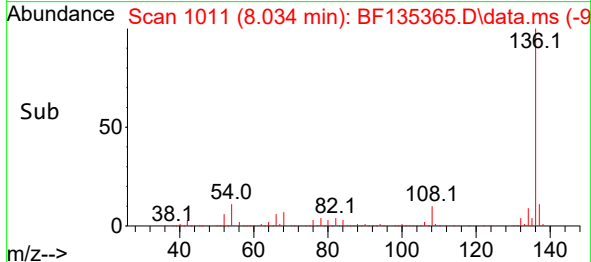
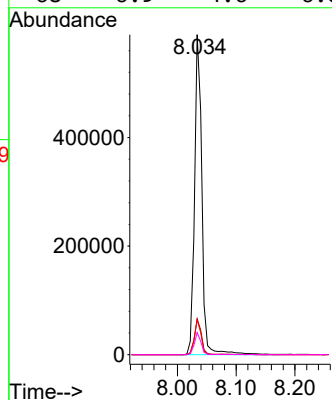
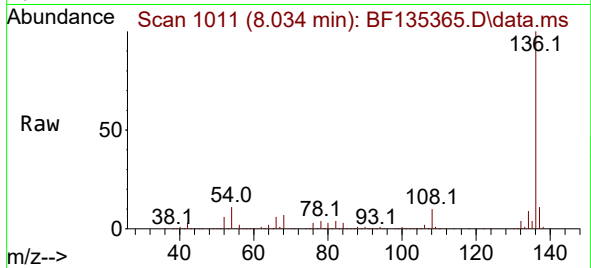




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

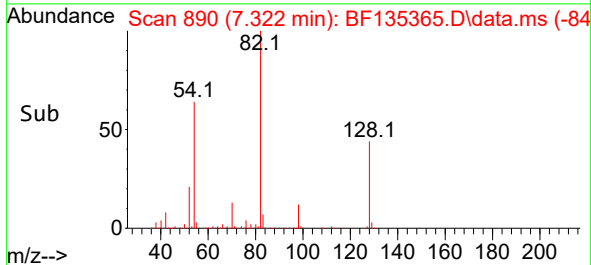
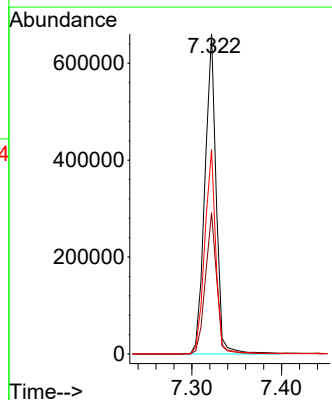
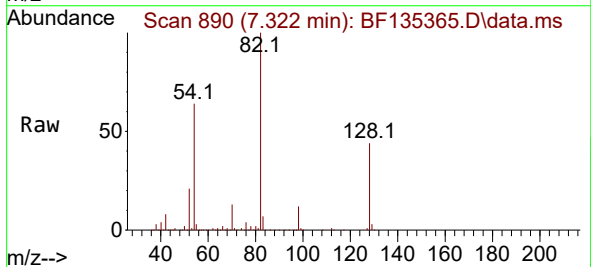
Instrument :
BNA_F
ClientSampleId :
CPT103-07

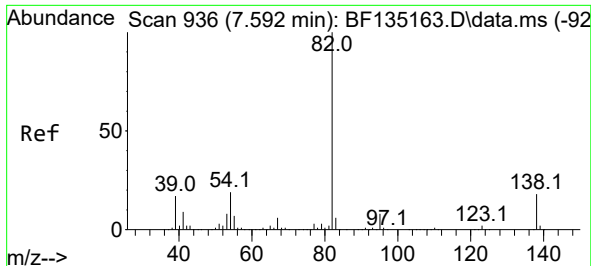
Tgt Ion:136 Resp: 512758
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.9 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 61.214 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion: 82 Resp: 577739
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 63.9 50.6 76.0

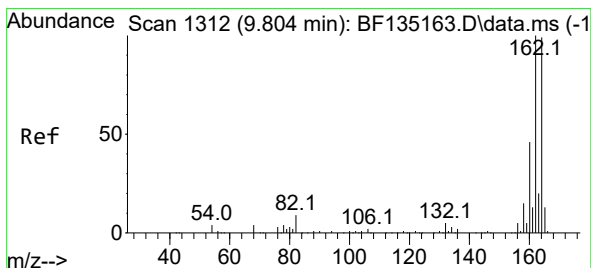
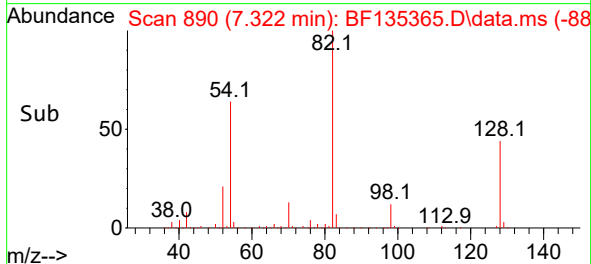
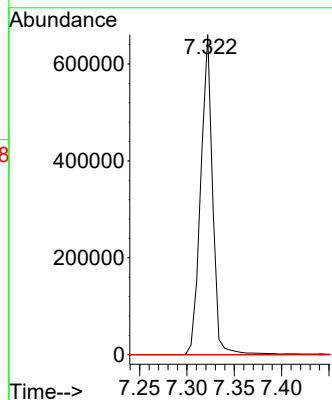
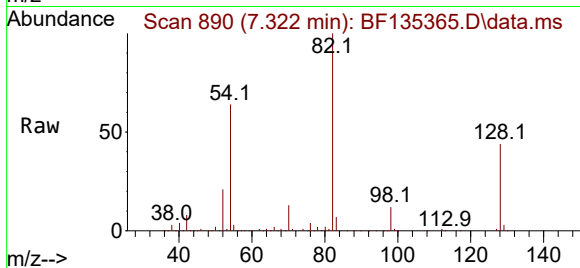




#25
Isophorone
Concen: 33.336 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

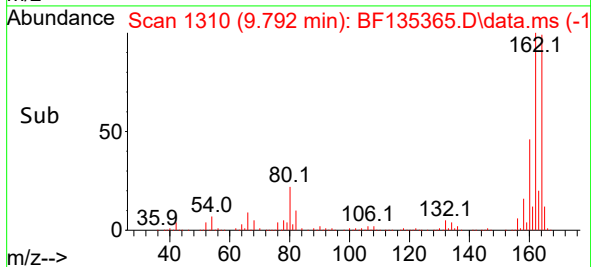
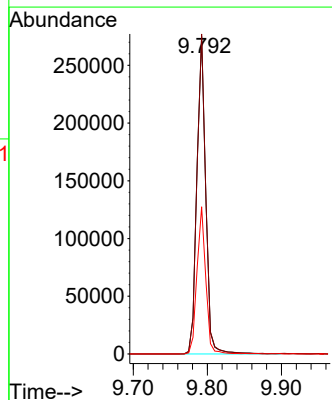
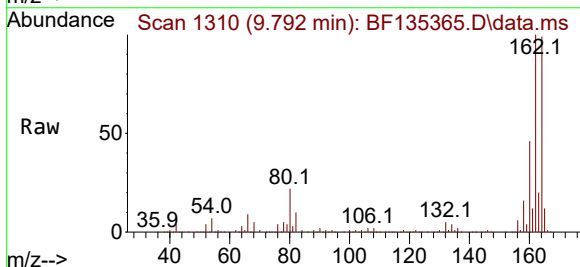
Instrument :
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ClientSampleId :
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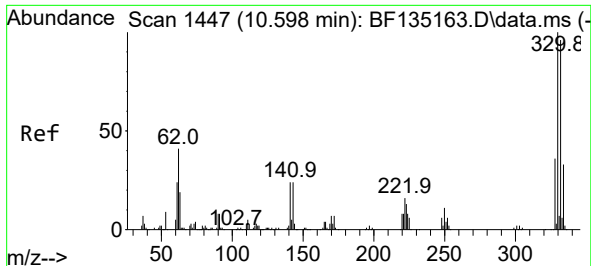
Tgt Ion: 82 Resp: 577730
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:164 Resp: 227665
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 73.169 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BF135365.D

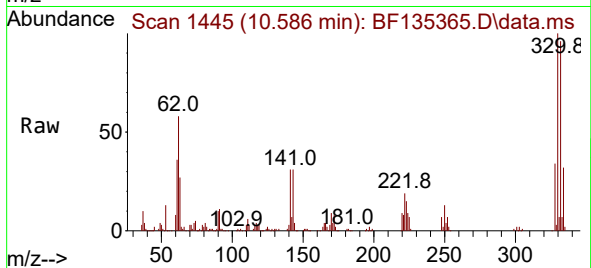
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Instrument :

BNA_F

ClientSampleId :

CPT103-07



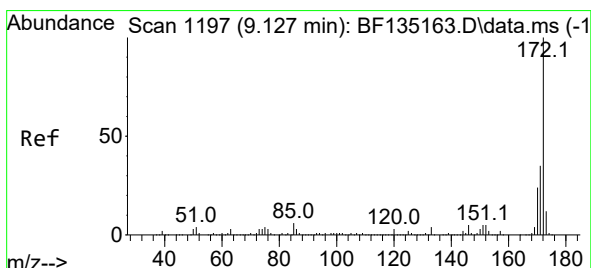
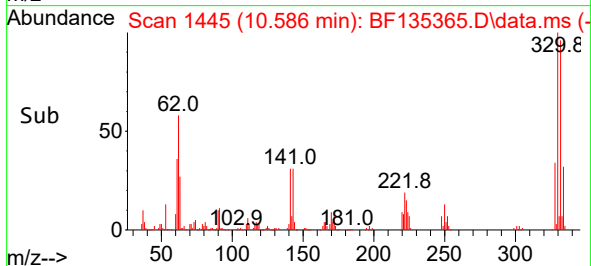
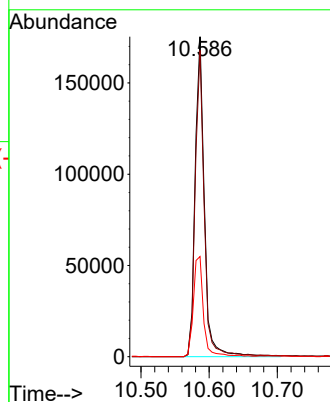
Tgt Ion:330 Resp: 165540

Ion Ratio Lower Upper

330 100

332 93.1 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.822 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

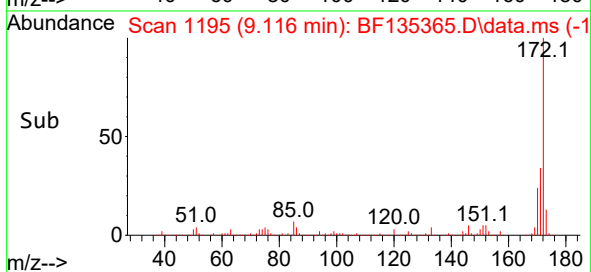
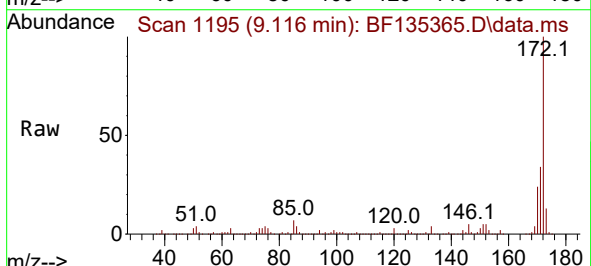
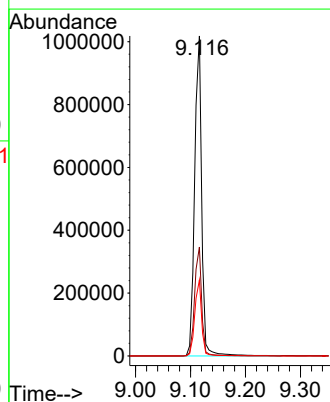
Tgt Ion:172 Resp: 902708

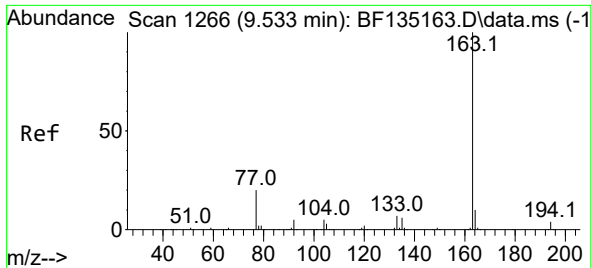
Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 23.7 19.0 28.4

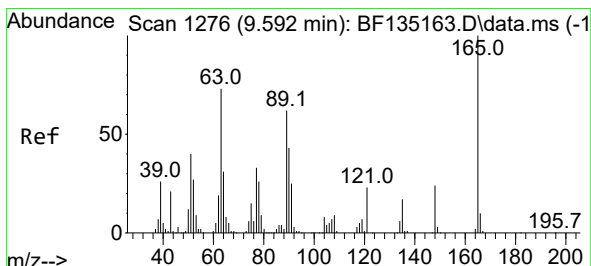
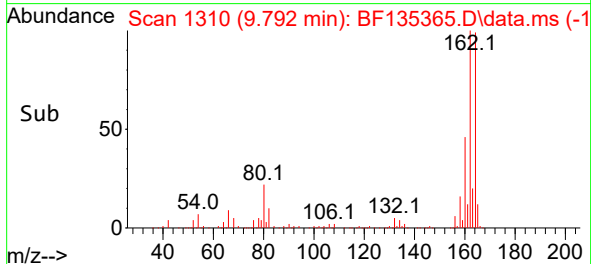
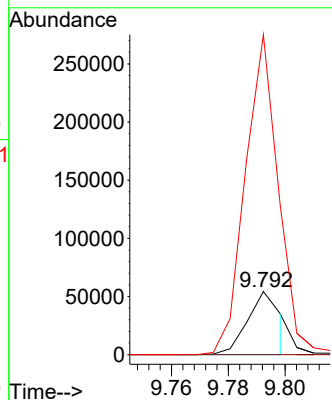
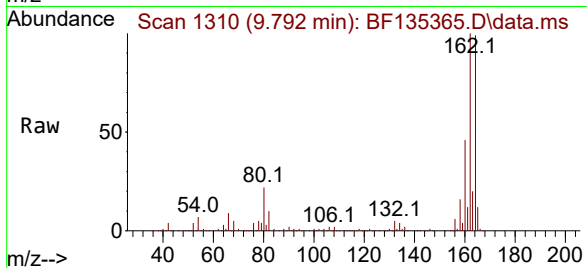




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

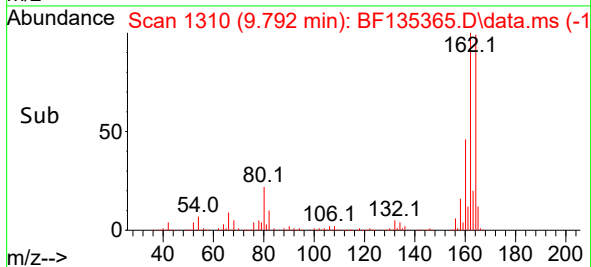
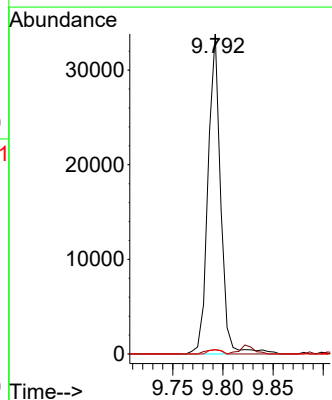
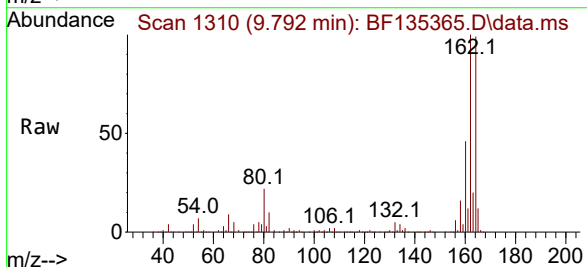
Instrument :
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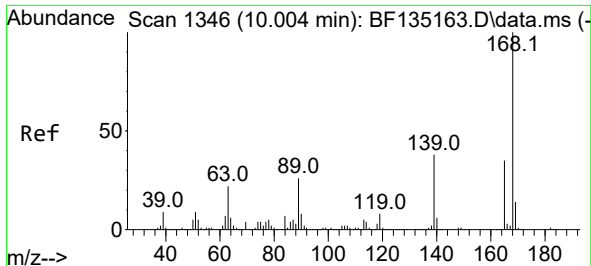
Tgt Ion:163 Resp: 43528
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 505.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.861 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:165 Resp: 29878
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#

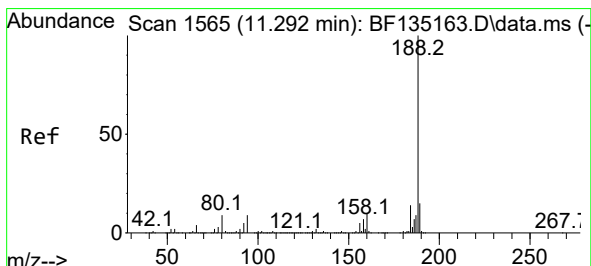
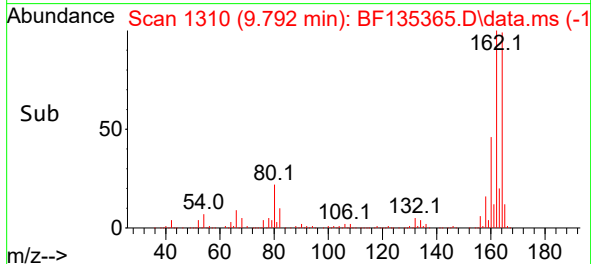
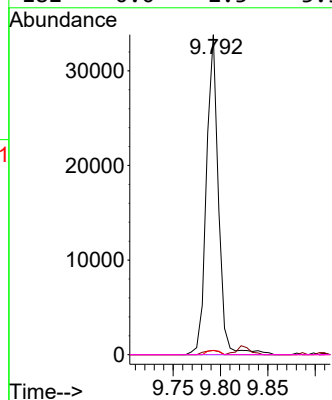
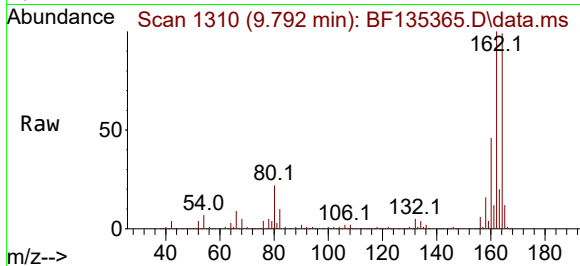




#57
2,4-Dinitrotoluene
Concen: 7.078 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

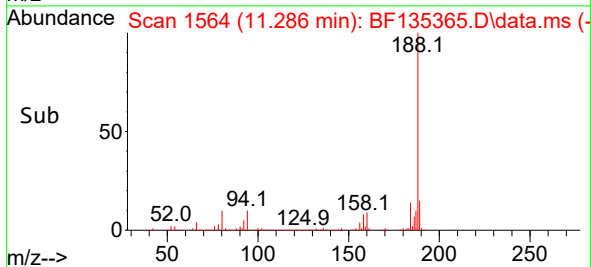
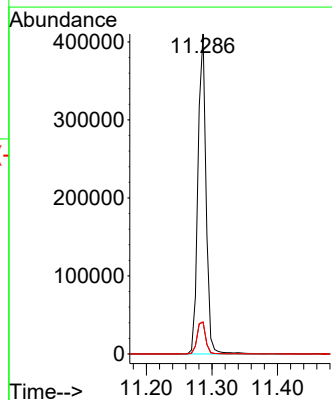
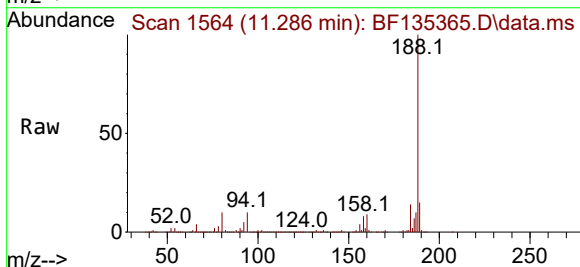
Instrument :
BNA_F
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CPT103-07

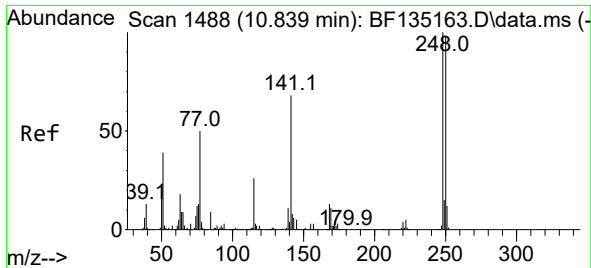
Tgt Ion:165	Resp:	29878
Ion Ratio	Lower	Upper
165	100	
63	1.3	50.1 75.1#
89	1.3	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:188	Resp:	353058
Ion Ratio	Lower	Upper
188	100	
94	9.9	7.0 10.6
80	10.0	7.5 11.3

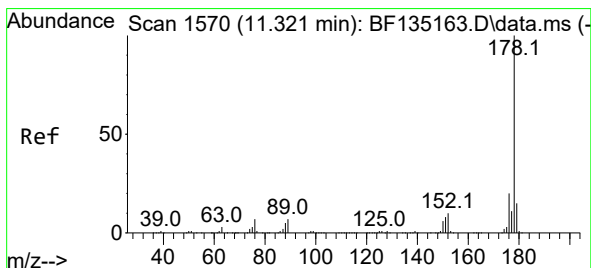
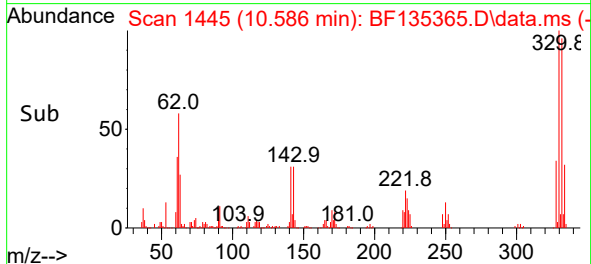
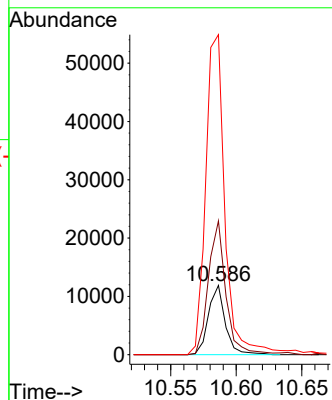
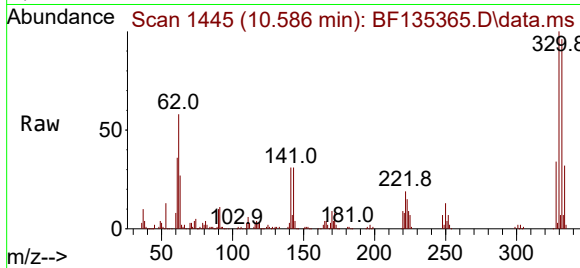




#67
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

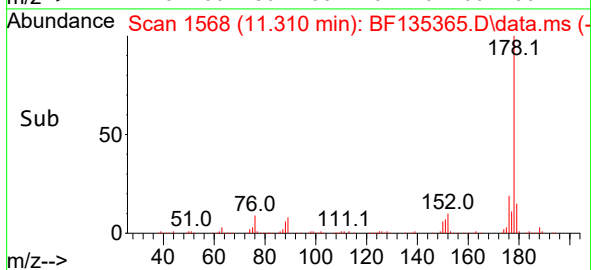
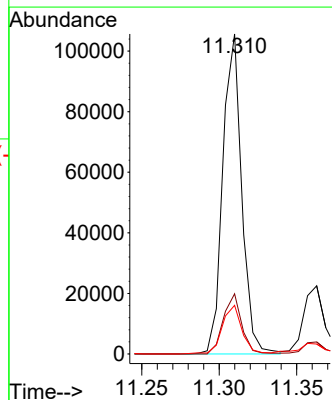
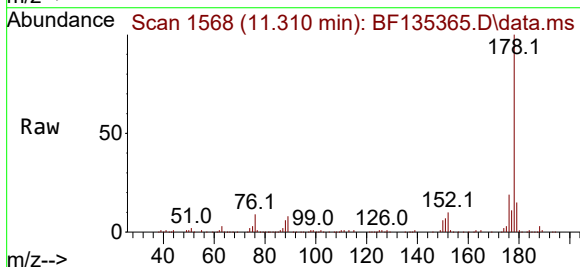
Instrument :
BNA_F
ClientSampleId :
CPT103-07

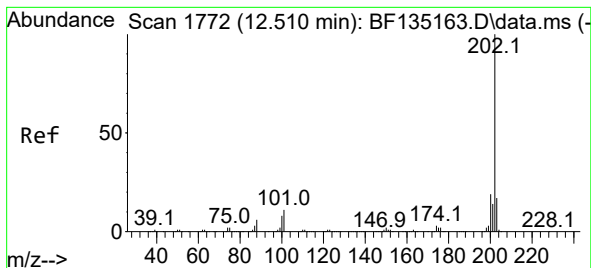
Tgt Ion:248 Resp: 10703
Ion Ratio Lower Upper
248 100
250 193.1 78.6 117.8#
141 462.2 54.2 81.2#



#71
Phenanthrene
Concen: 5.372 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:178 Resp: 89709
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.0 18.0





#75

Fluoranthene

Concen: 4.944 ng

RT: 12.504 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

Instrument :

BNA_F

ClientSampleId :

CPT103-07

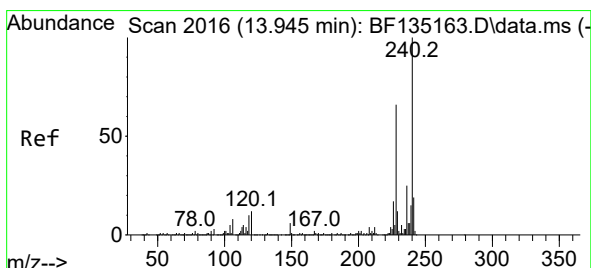
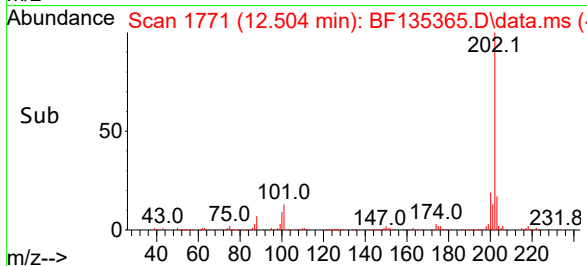
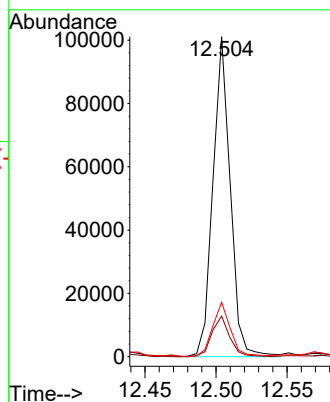
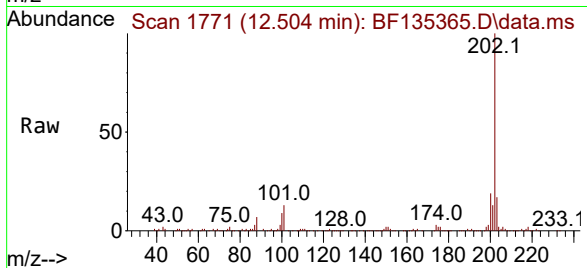
Tgt Ion:202 Resp: 86021

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.3

203 17.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

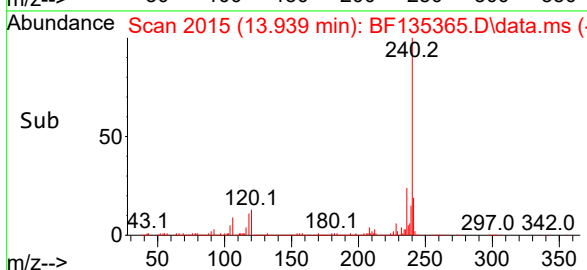
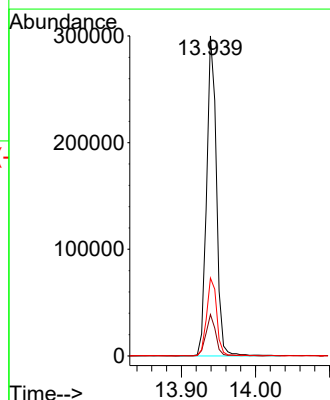
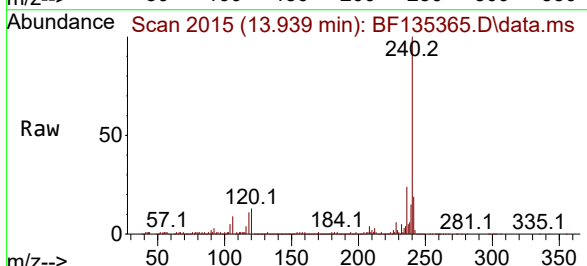
Tgt Ion:240 Resp: 276960

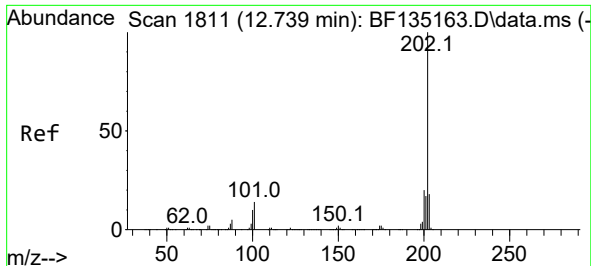
Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 24.3 19.8 29.8

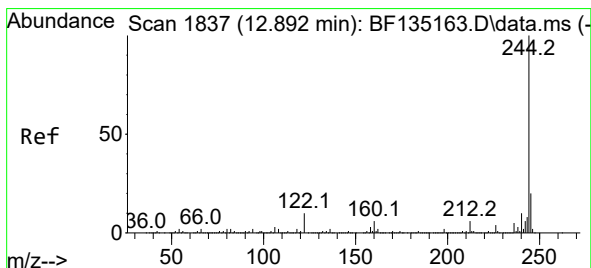
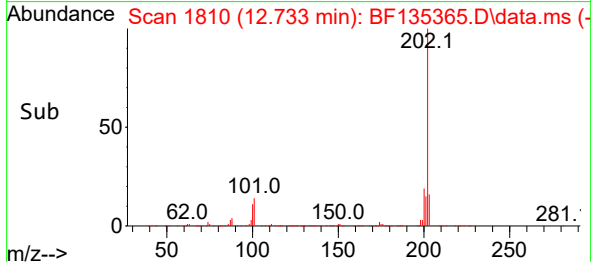
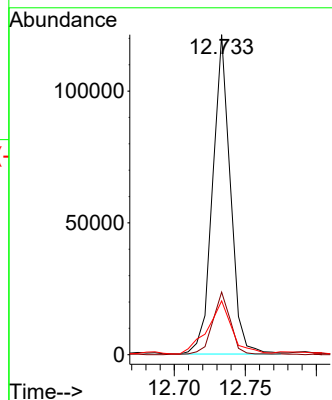
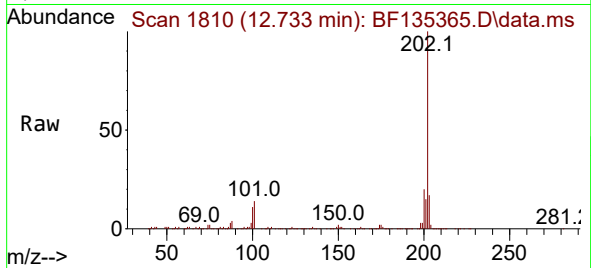




#78
 Pyrene
 Concen: 3.990 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: BF135365.D
 Acq: 20 Sep 2023 19:15

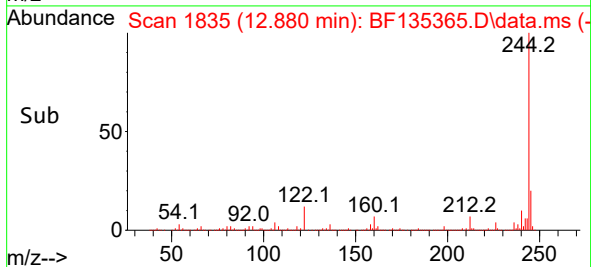
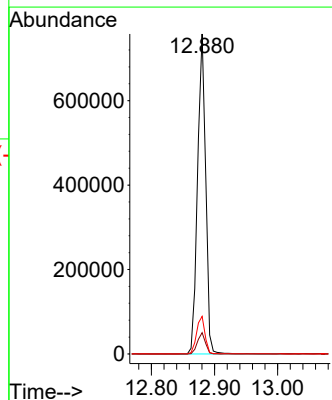
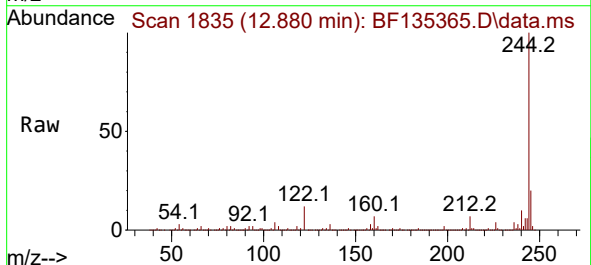
Instrument :
 BNA_F
 ClientSampleId :
 CPT103-07

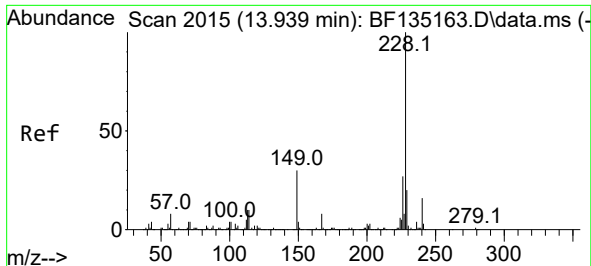
Tgt Ion:202 Resp: 105217
 Ion Ratio Lower Upper
 202 100
 200 19.5 16.2 24.2
 203 16.8 14.2 21.4



#79
 Terphenyl-d14
 Concen: 37.779 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.011 min
 Lab File: BF135365.D
 Acq: 20 Sep 2023 19:15

Tgt Ion:244 Resp: 674965
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.8 7.9 11.9

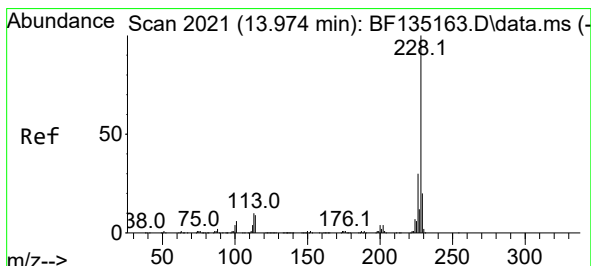
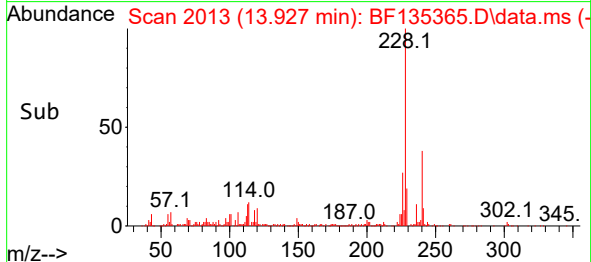
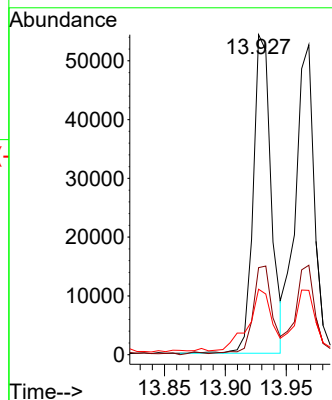
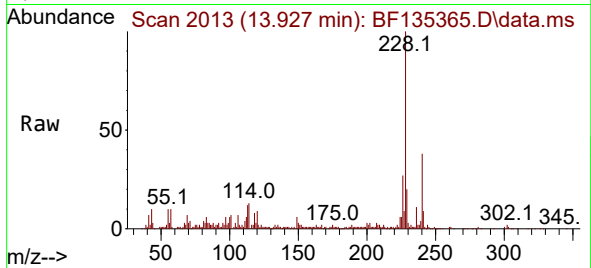




#81
Benzo(a)anthracene
Concen: 3.105 ng
RT: 13.927 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

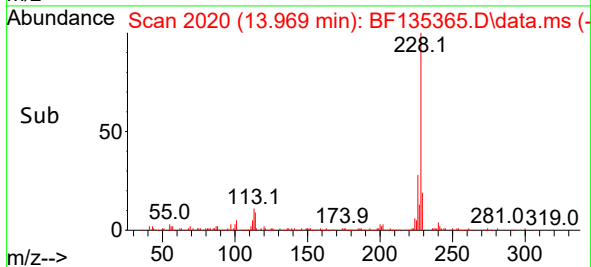
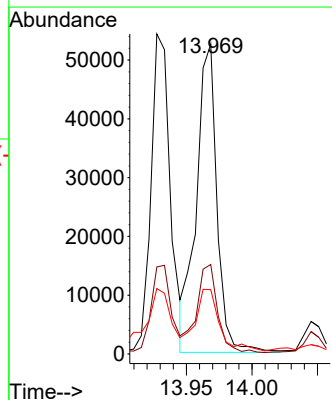
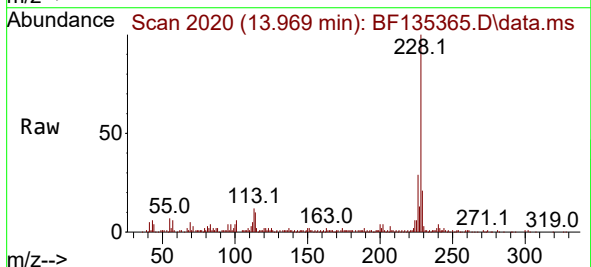
Instrument :
BNA_F
ClientSampleId :
CPT103-07

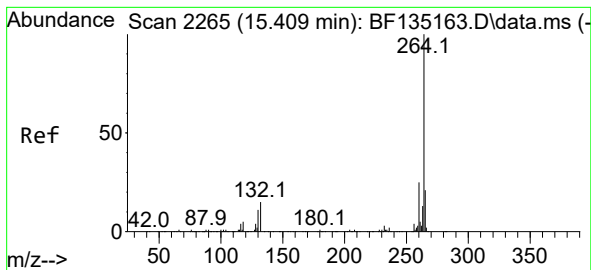
Tgt Ion:228 Resp: 55525
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.4 15.8 23.8



#83
Chrysene
Concen: 3.240 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:228 Resp: 57606
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.7 16.0 24.0

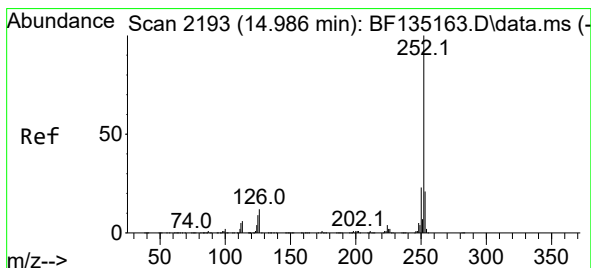
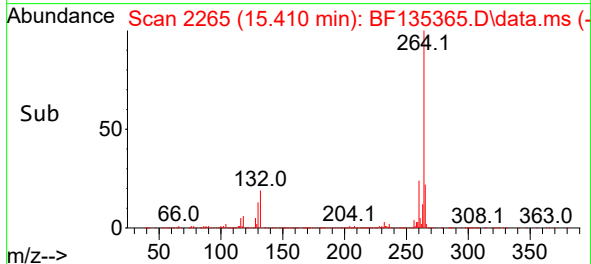
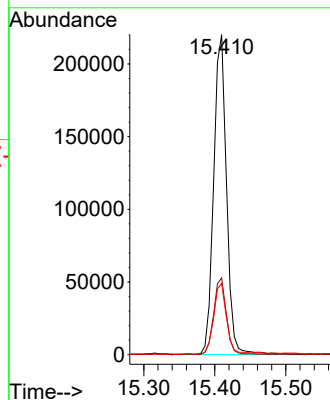
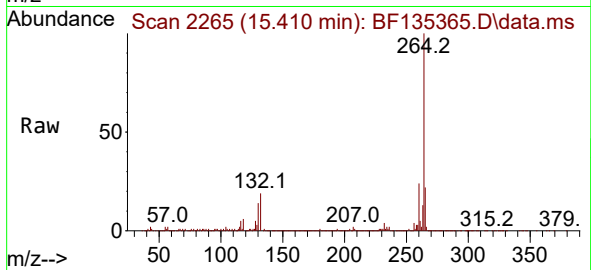




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BF135365.D
 Acq: 20 Sep 2023 19:15

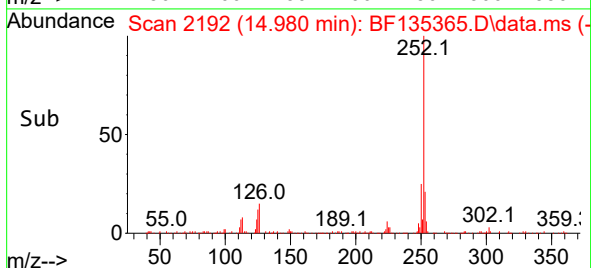
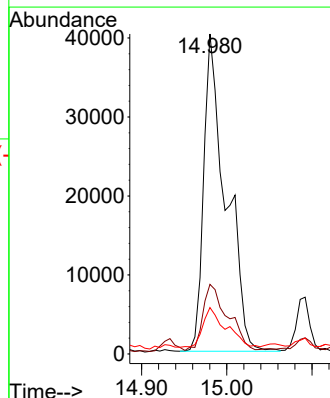
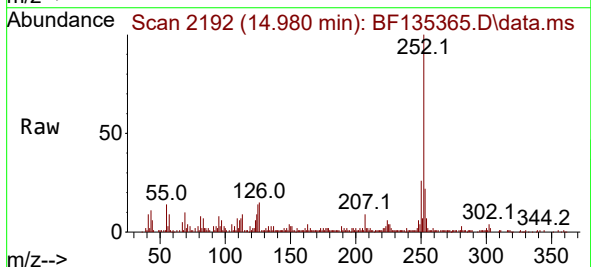
Instrument :
 BNA_F
 ClientSampleId :
 CPT103-07

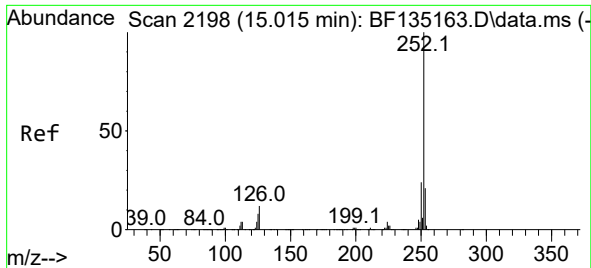
Tgt Ion:264 Resp: 275528
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.3 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 4.890 ng
 RT: 14.980 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF135365.D
 Acq: 20 Sep 2023 19:15

Tgt Ion:252 Resp: 72940
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 14.5 7.1 10.7#

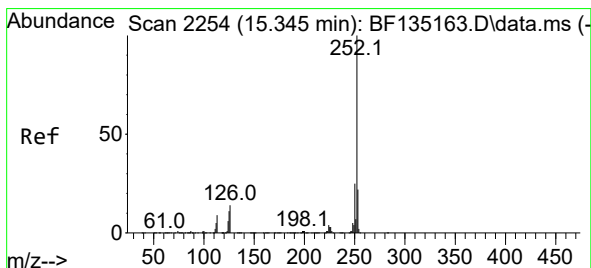
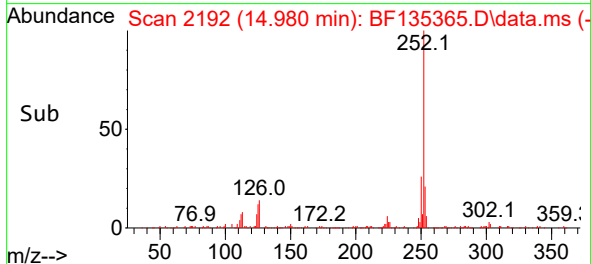
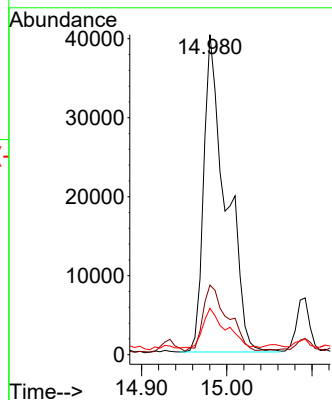
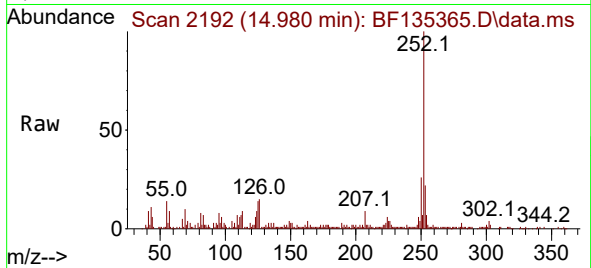




#89
Benzo(k)fluoranthene
Concen: 4.951 ng
RT: 14.980 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
CPT103-07

Tgt Ion:252 Resp: 72940
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 14.5 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.718 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:252 Resp: 38665
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 15.5 9.2 13.8#

