

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135362.D
 Acq On : 20 Sep 2023 17:39
 Operator : CG\JU
 Sample : 04351-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-01

Quant Time: Sep 21 01:52:13 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)

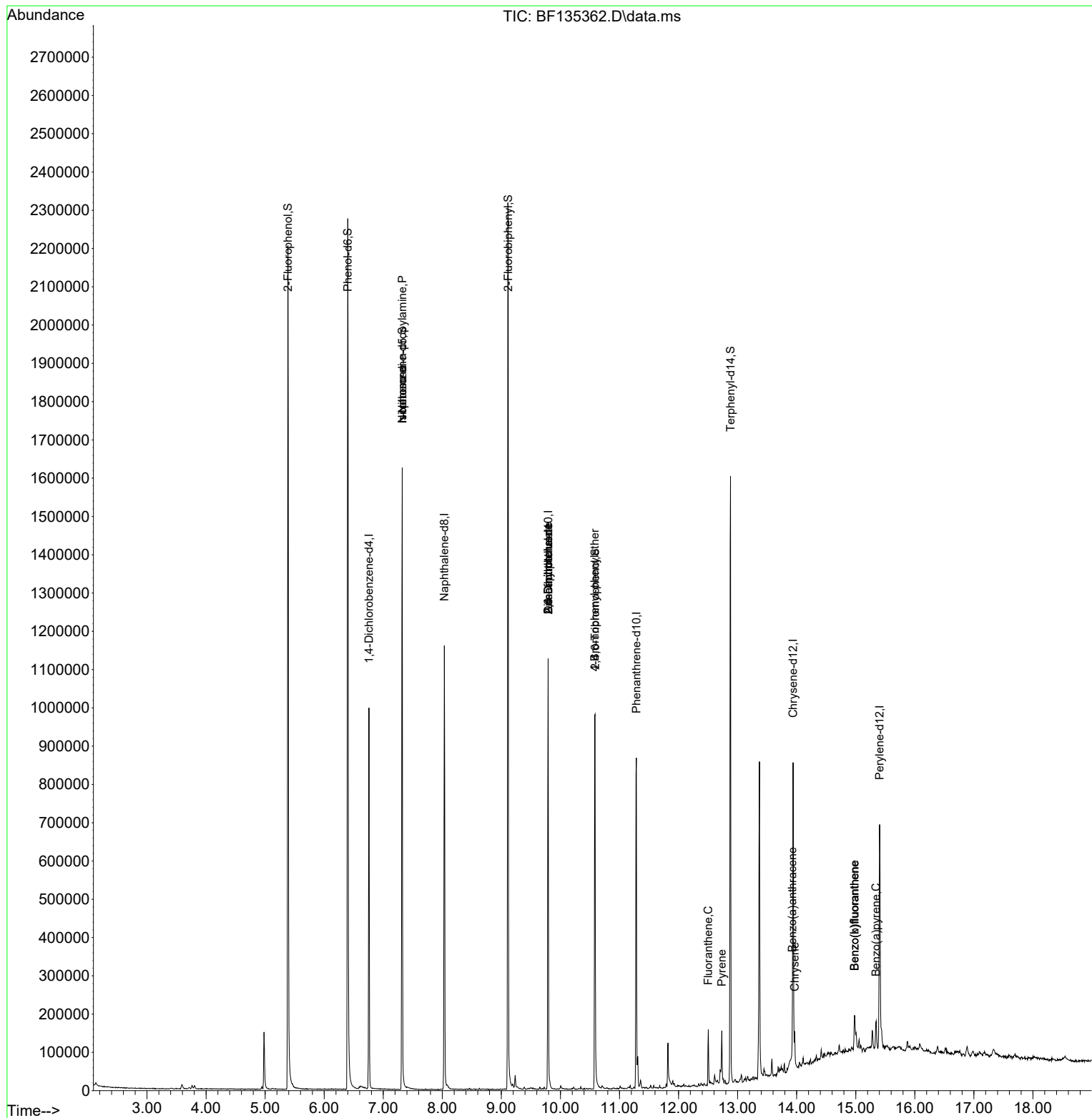
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	135778	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	489538	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	217322	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	344079	20.000	ng	0.00
76) Chrysene-d12	13.939	240	241263	20.000	ng	0.00
86) Perylene-d12	15.404	264	280812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	608332	72.870	ng	0.00
7) Phenol-d6	6.398	99	778914	73.378	ng	0.00
23) Nitrobenzene-d5	7.322	82	464048	51.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	122554	56.747	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	789577	54.815	ng	-0.01
79) Terphenyl-d14	12.880	244	554085	35.602	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	60842	9.254	ng	# 81
25) Isophorone	7.322	82	464042	28.046	ng	# 65
50) Dimethylphthalate	9.792	163	42610	2.900	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	28754	8.933	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	28754	7.136	ng	# 18
67) 4-Bromophenyl-phenylether	10.580	248	7672	2.242	ng	# 1
75) Fluoranthene	12.504	202	58693	3.461	ng	100
78) Pyrene	12.733	202	54006	2.351	ng	98
81) Benzo(a)anthracene	13.927	228	36970	2.373	ng	98
83) Chrysene	13.968	228	37049	2.392	ng	97
88) Benzo(b)fluoranthene	14.980	252	64197	4.223	ng	# 94
89) Benzo(k)fluoranthene	14.980	252	64197	4.275	ng	# 95
90) Benzo(a)pyrene	15.345	252	34492	2.379	ng	98

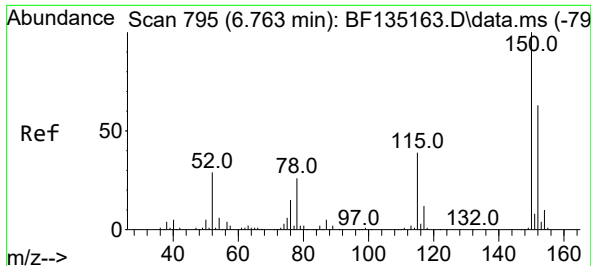
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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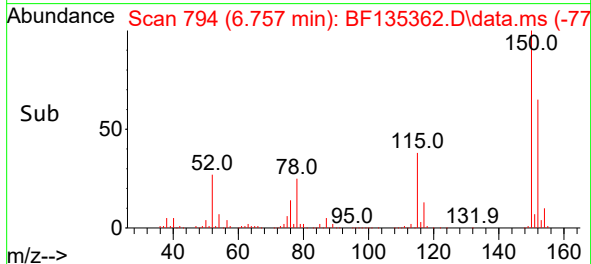
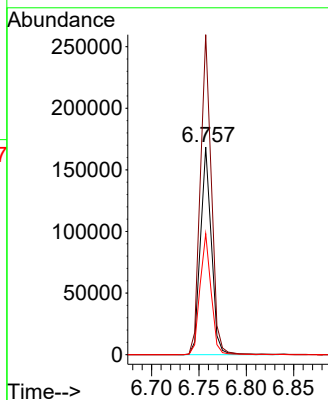
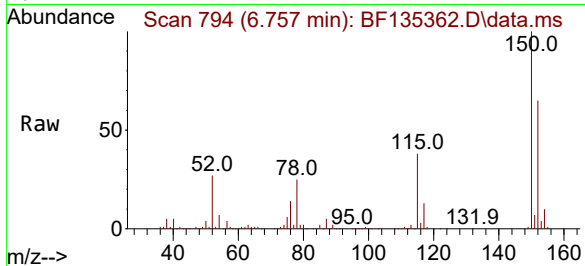




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

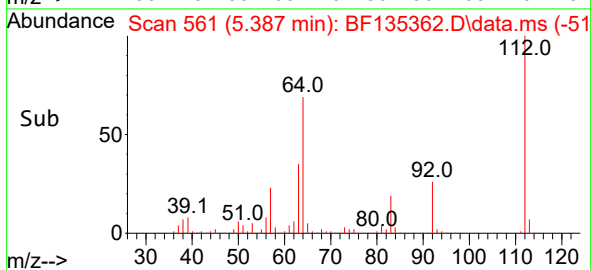
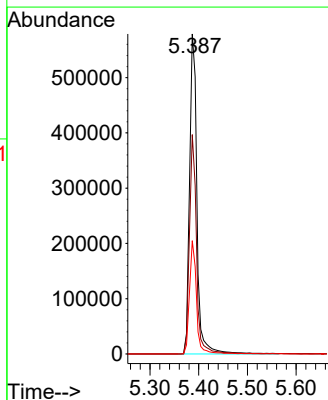
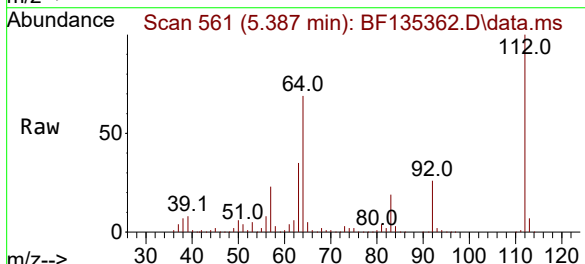
Instrument :
BNA_F
ClientSampleId :
CPT101-01

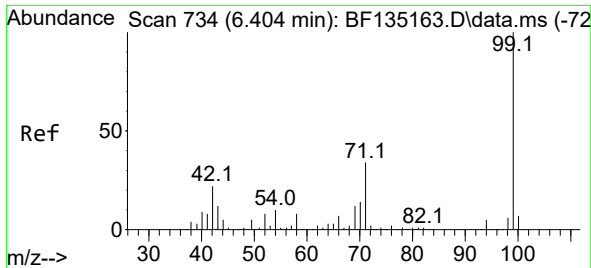
Tgt Ion:152 Resp: 135778
Ion Ratio Lower Upper
152 100
150 154.0 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 72.870 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:112 Resp: 608332
Ion Ratio Lower Upper
112 100
64 68.6 55.9 83.9
63 35.4 29.0 43.6

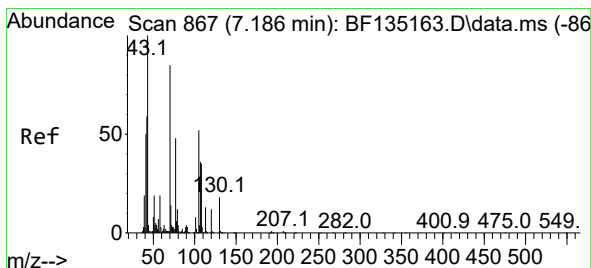
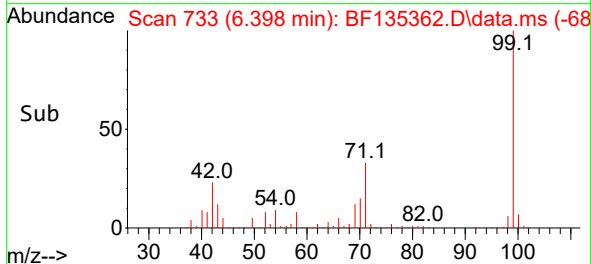
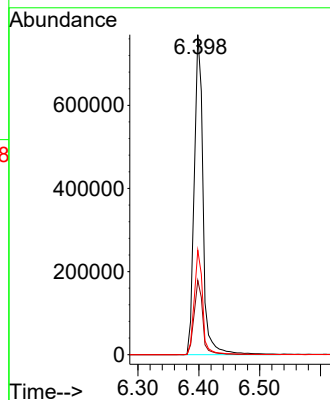
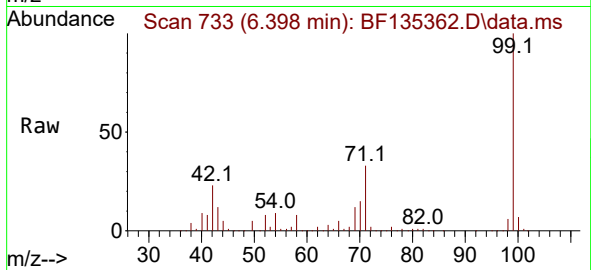




#7
Phenol-d6
Concen: 73.378 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

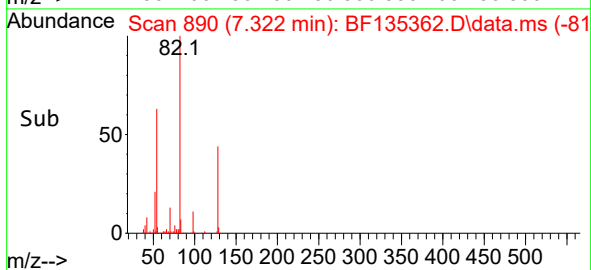
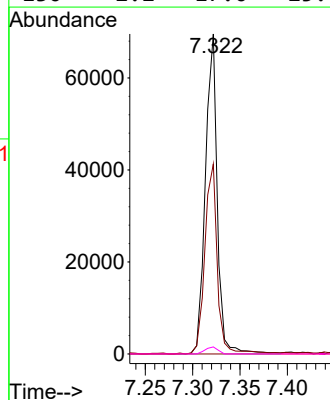
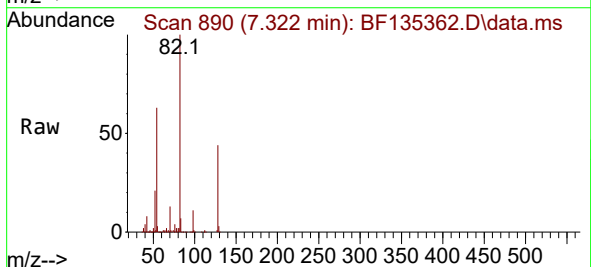
Instrument :
BNA_F
ClientSampleId :
CPT101-01

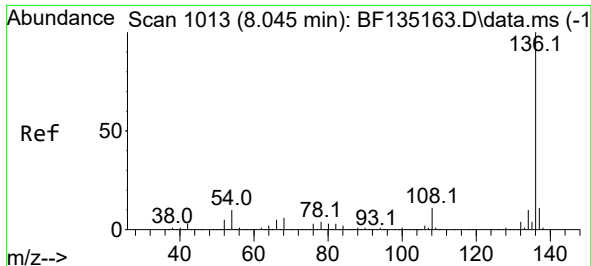
Tgt Ion: 99 Resp: 778914
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.254 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion: 70 Resp: 60842
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

Instrument :

BNA_F

ClientSampleId :

CPT101-01

Tgt Ion:136 Resp: 489538

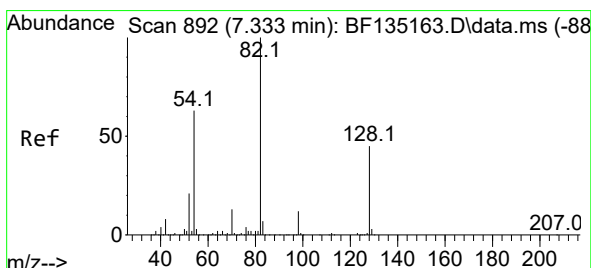
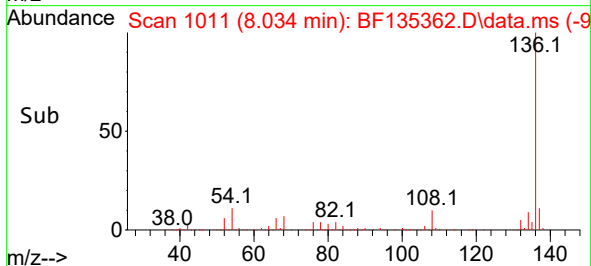
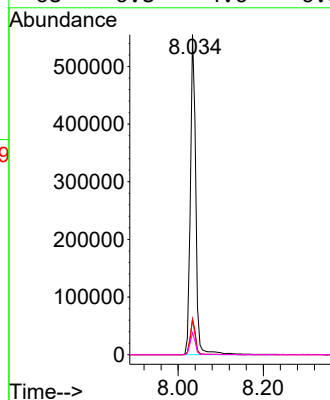
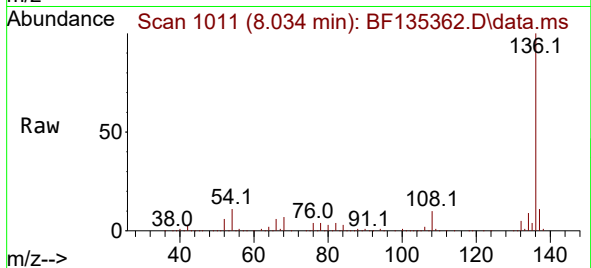
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.1 7.7 11.5

68 6.8 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 51.501 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

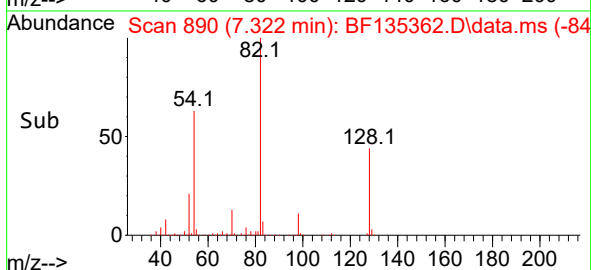
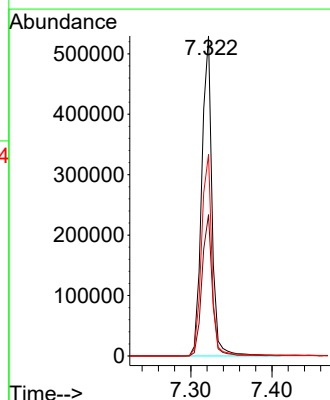
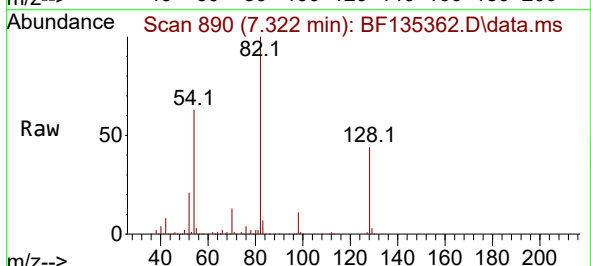
Tgt Ion: 82 Resp: 464048

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 62.9 50.6 76.0

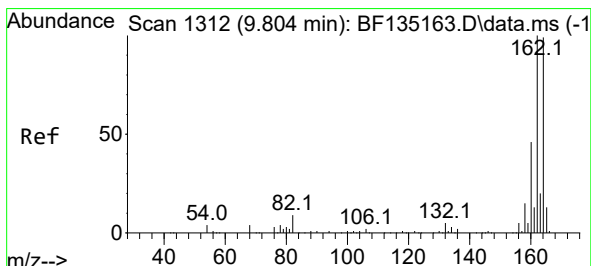
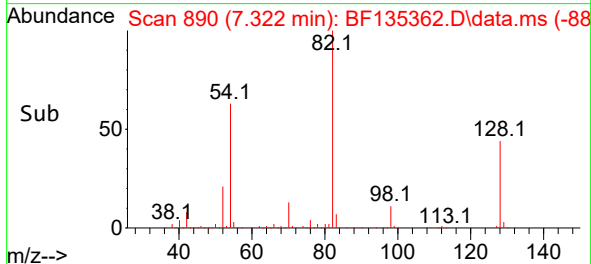
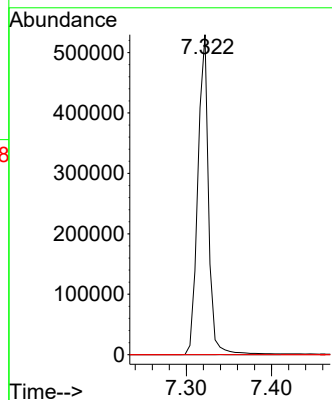
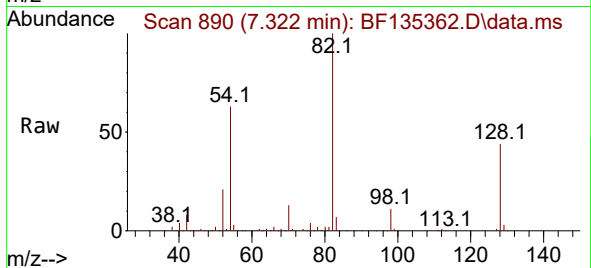




#25
Isophorone
Concen: 28.046 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

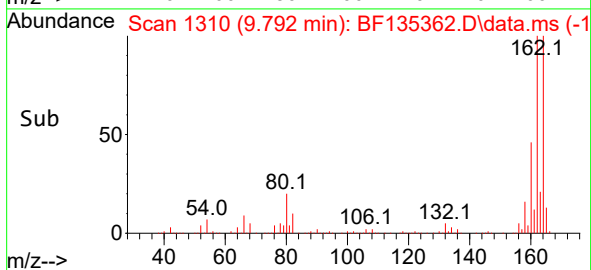
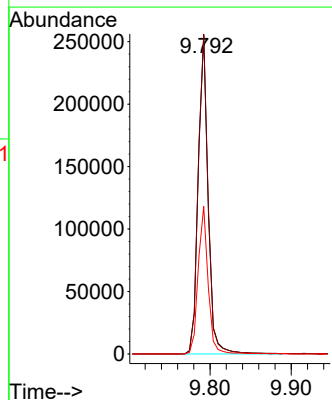
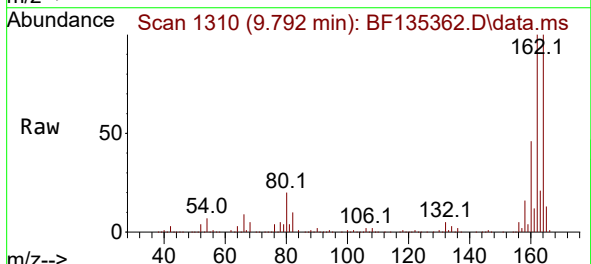
Instrument :
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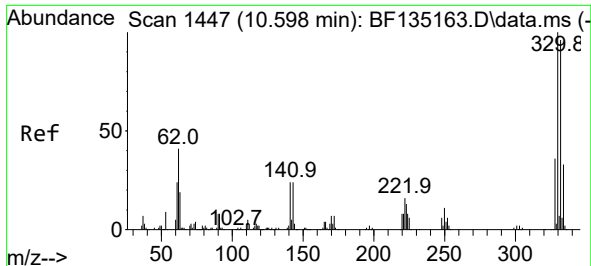
Tgt Ion: 82 Resp: 464042
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion: 164 Resp: 217322
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 46.3 37.0 55.4

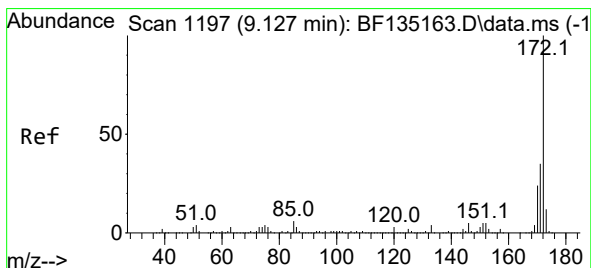
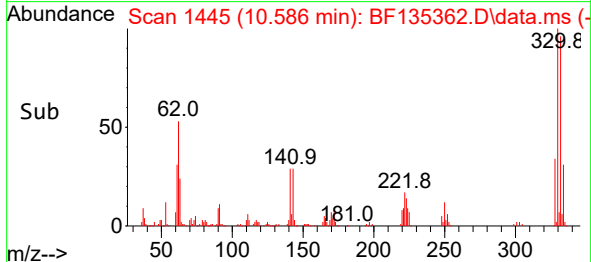
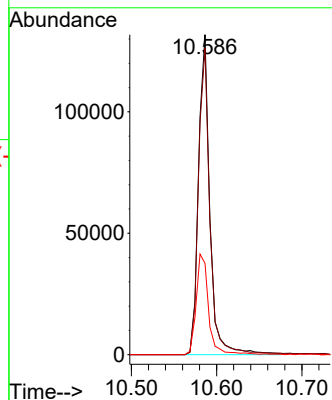
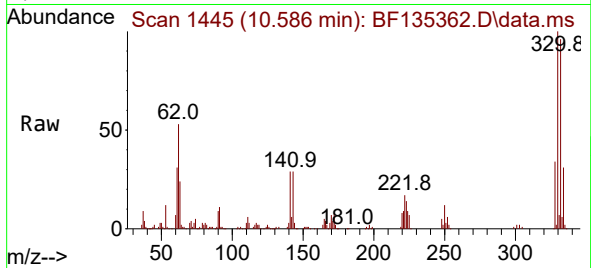




#42
 2,4,6-Tribromophenol
 Concen: 56.747 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135362.D
 Acq: 20 Sep 2023 17:39

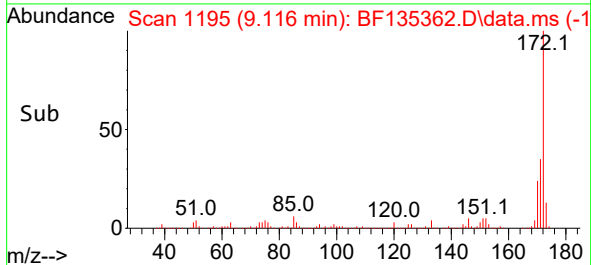
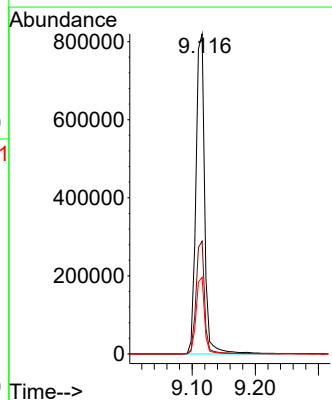
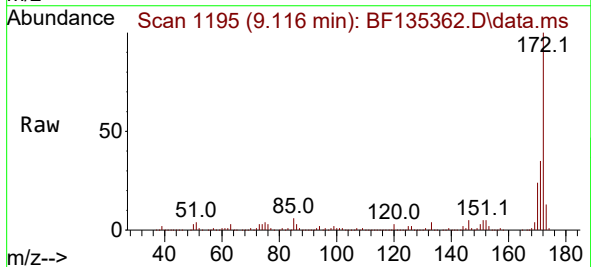
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 CPT101-01

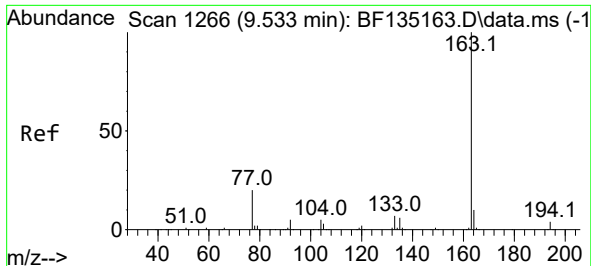
Tgt Ion:330 Resp: 122554
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 34.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 54.815 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135362.D
 Acq: 20 Sep 2023 17:39

Tgt Ion:172 Resp: 789577
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.9 19.0 28.4

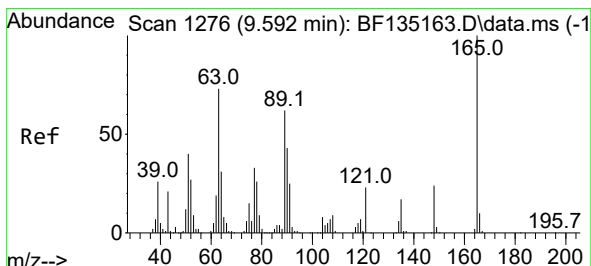
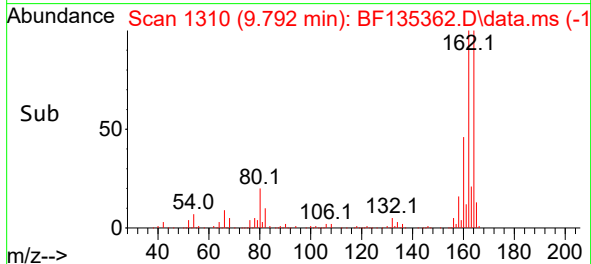
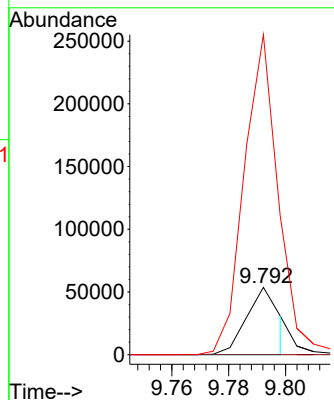
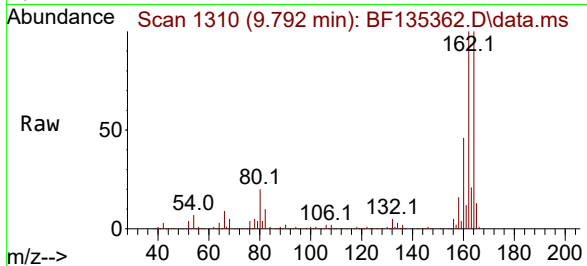




#50
Dimethylphthalate
Concen: 2.900 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

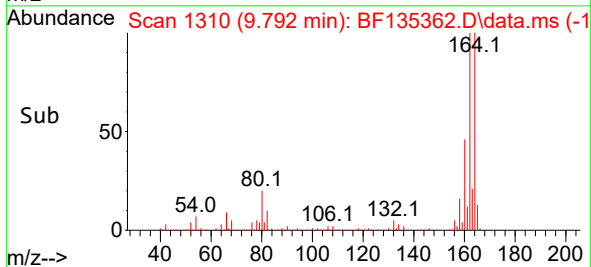
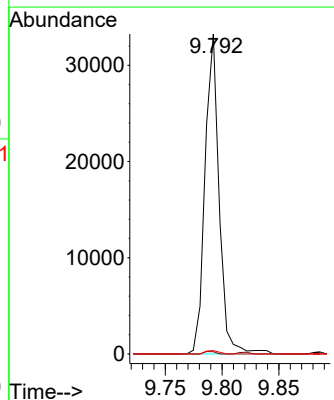
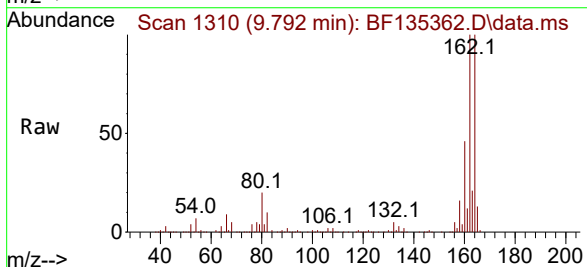
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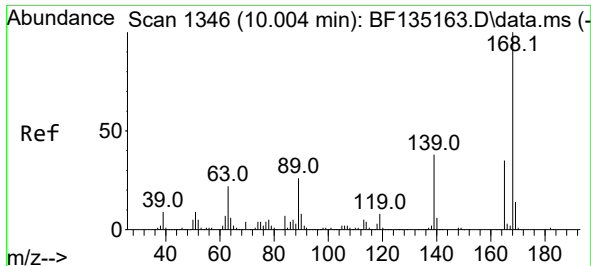
Tgt Ion:163 Resp: 42610
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 475.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.933 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:165 Resp: 28754
Ion Ratio Lower Upper
165 100
63 0.7 59.4 89.2#
89 1.0 49.8 74.8#

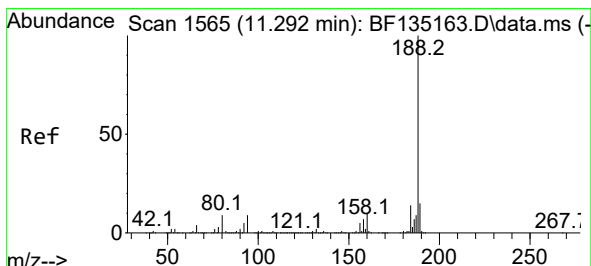
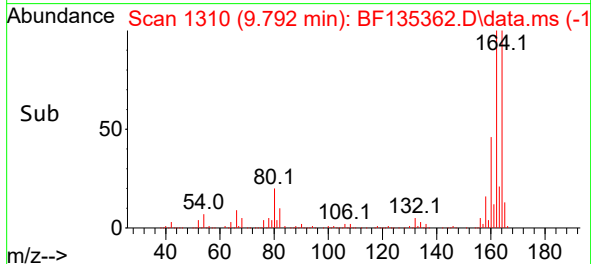
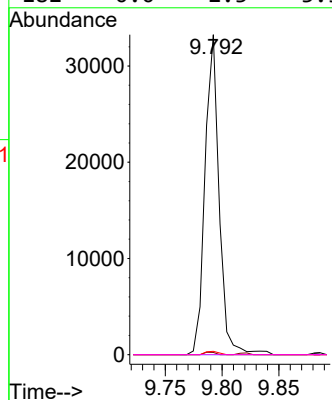
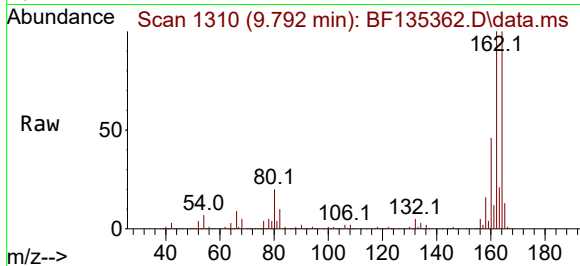




#57
2,4-Dinitrotoluene
Concen: 7.136 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

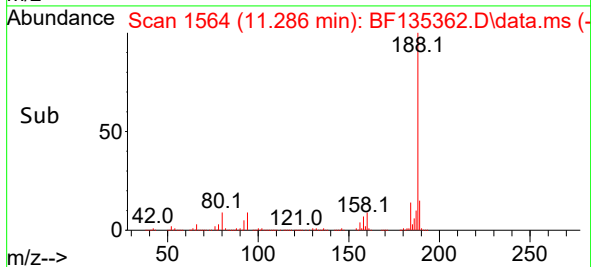
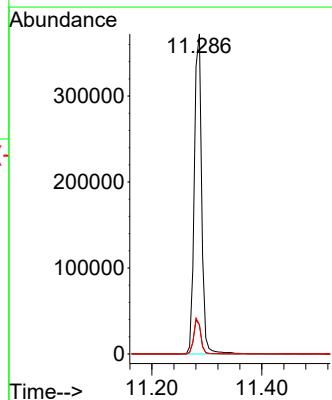
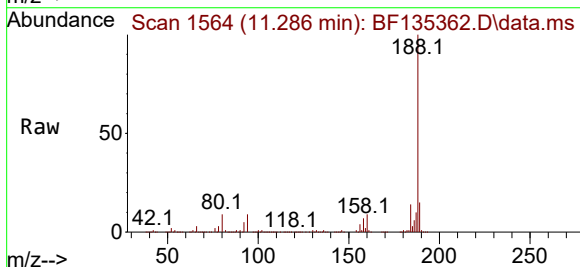
Instrument :
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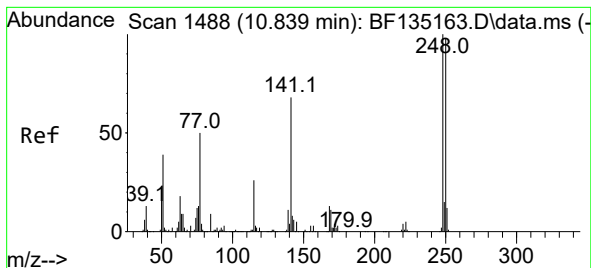
Tgt Ion:165 Resp: 28754
Ion Ratio Lower Upper
165 100
63 0.7 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:188 Resp: 344079
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.2 7.5 11.3

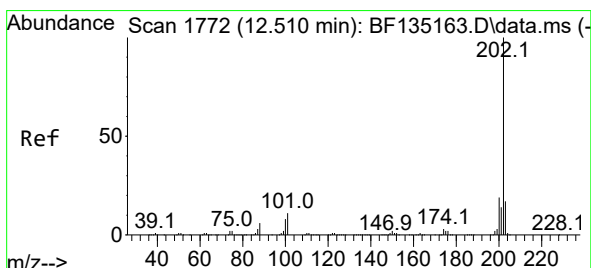
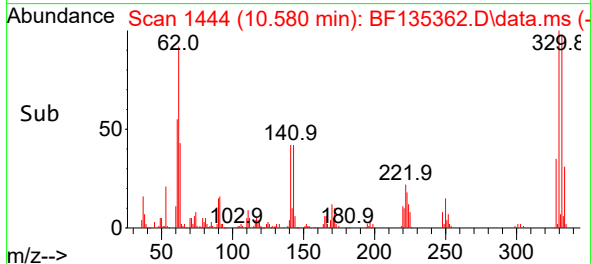
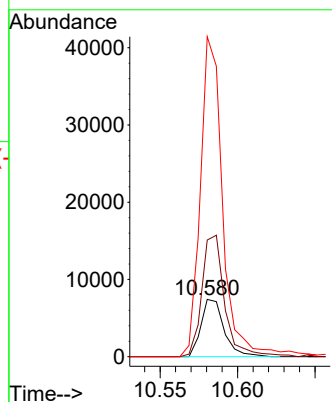
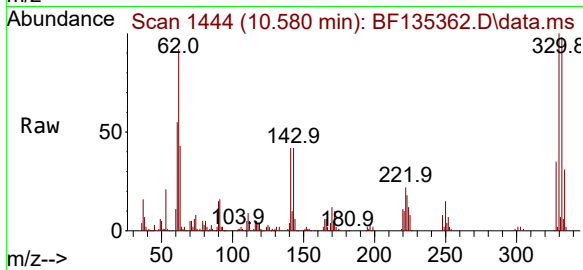




#67
4-Bromophenyl-phenylether
Concen: 2.242 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.259 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

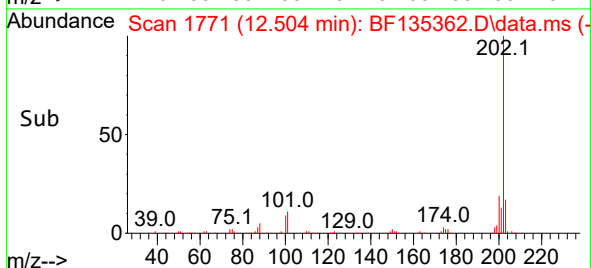
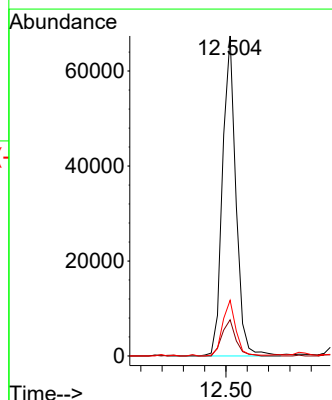
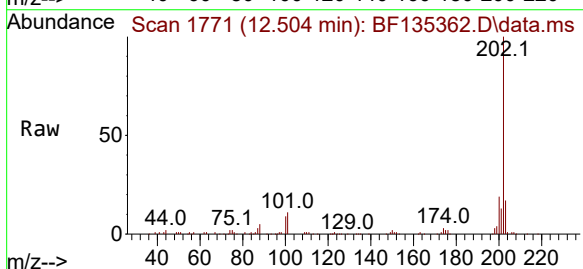
Instrument :
BNA_F
ClientSampleId :
CPT101-01

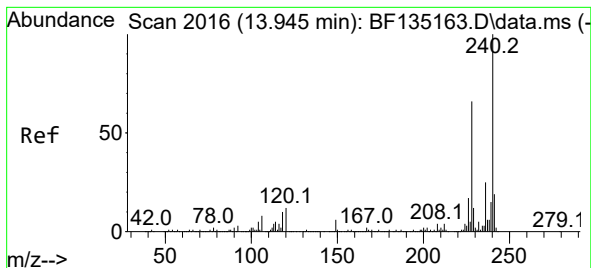
Tgt Ion:248 Resp: 7672
Ion Ratio Lower Upper
248 100
250 203.6 78.6 117.8#
141 558.8 54.2 81.2#



#75
Fluoranthene
Concen: 3.461 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:202 Resp: 58693
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 17.4 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

Instrument :

BNA_F

ClientSampleId :

CPT101-01

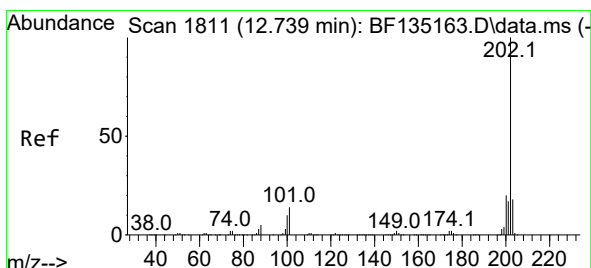
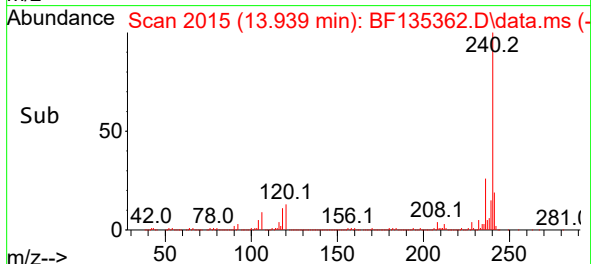
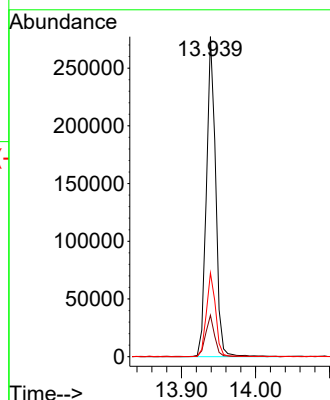
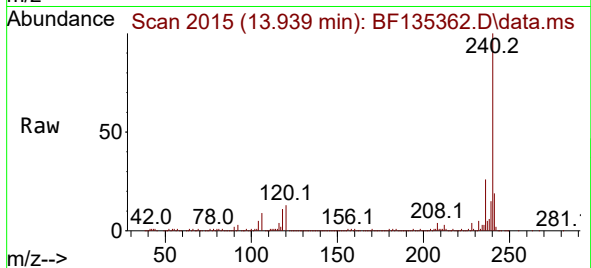
Tgt Ion:240 Resp: 241263

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 26.2 19.8 29.8



#78

Pyrene

Concen: 2.351 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

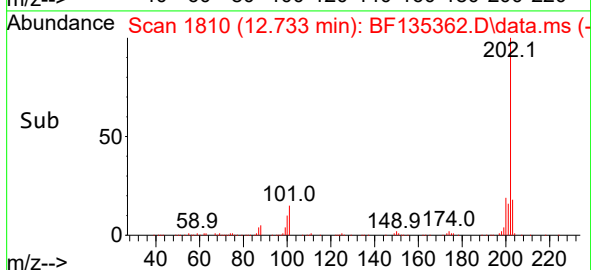
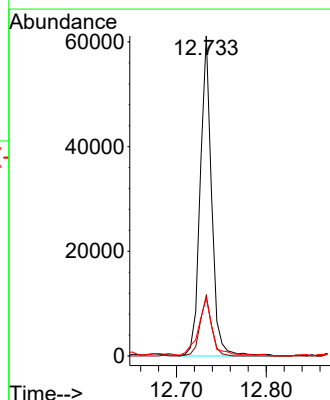
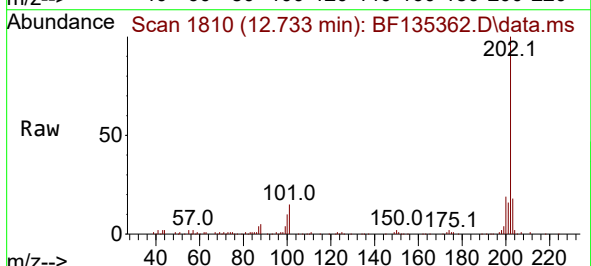
Tgt Ion:202 Resp: 54006

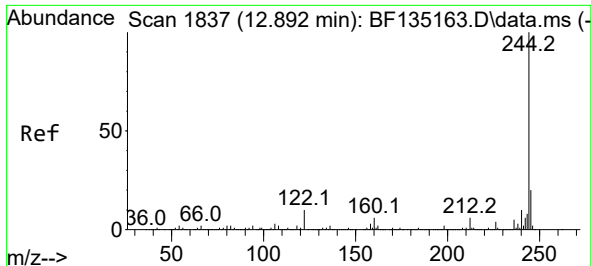
Ion Ratio Lower Upper

202 100

200 18.8 16.2 24.2

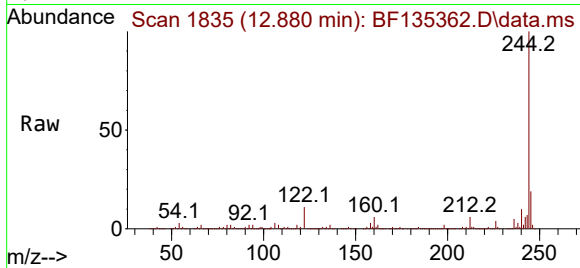
203 18.1 14.2 21.4



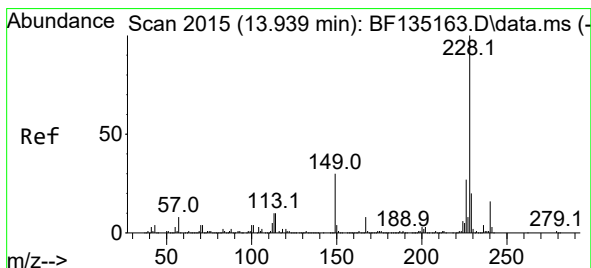
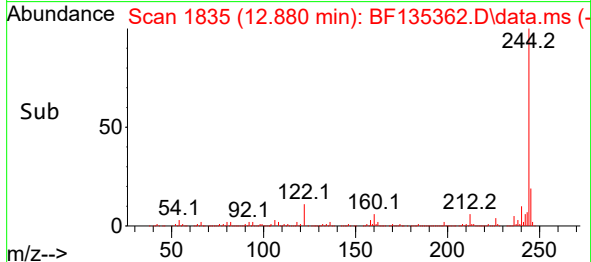
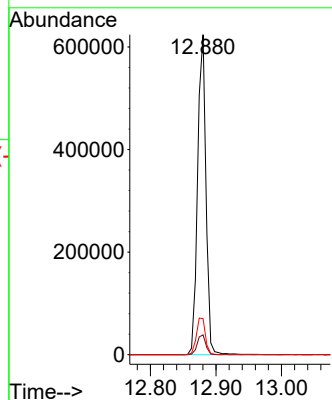


#79
 Terphenyl-d14
 Concen: 35.602 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135362.D
 Acq: 20 Sep 2023 17:39

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-01

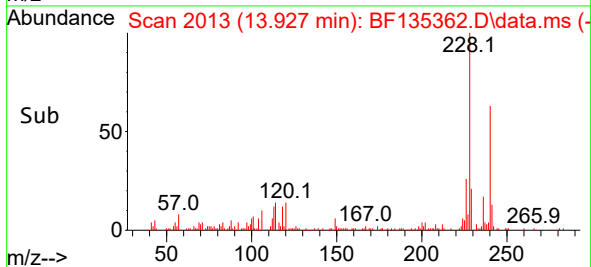
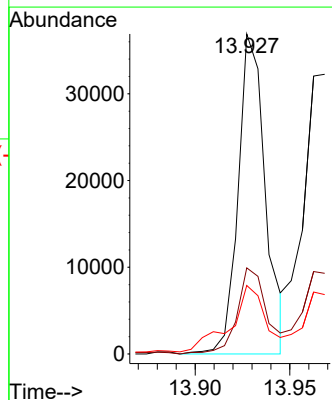
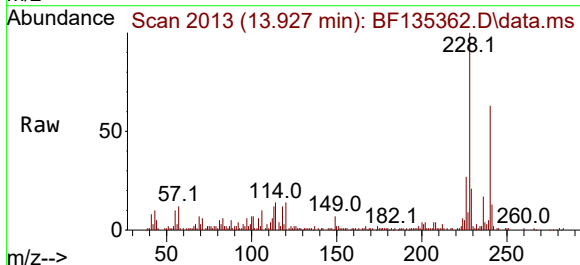


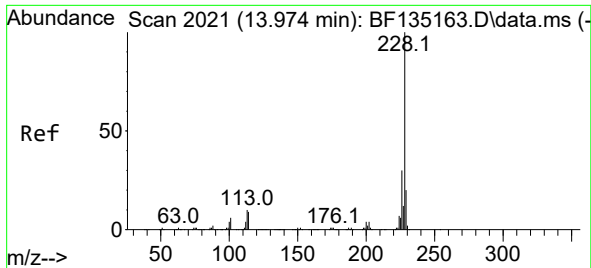
Tgt Ion:244 Resp: 554085
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.3 7.9 11.9



#81
 Benzo(a)anthracene
 Concen: 2.373 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF135362.D
 Acq: 20 Sep 2023 17:39

Tgt Ion:228 Resp: 36970
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.7 32.5
 229 21.4 15.8 23.8

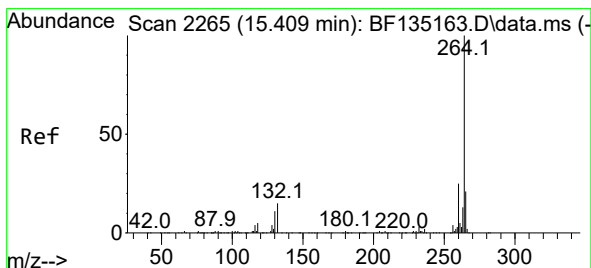
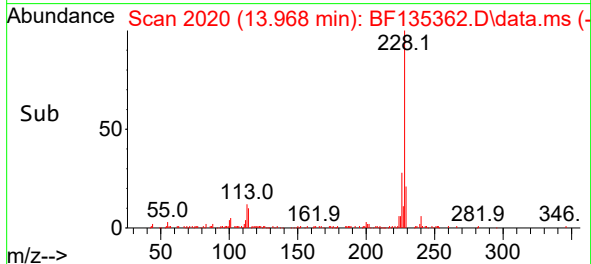
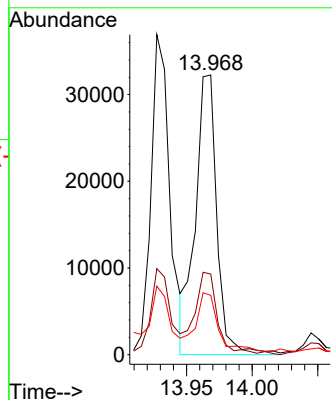
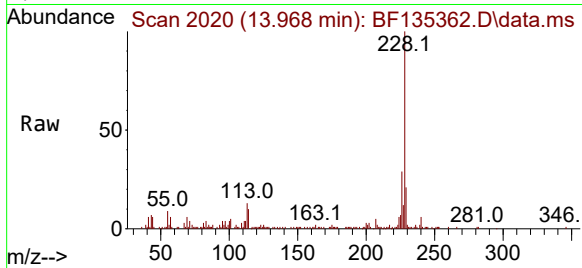




#83
Chrysene
Concen: 2.392 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

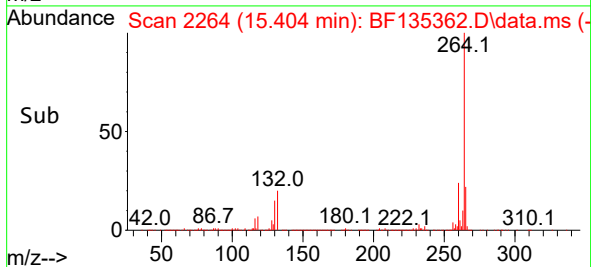
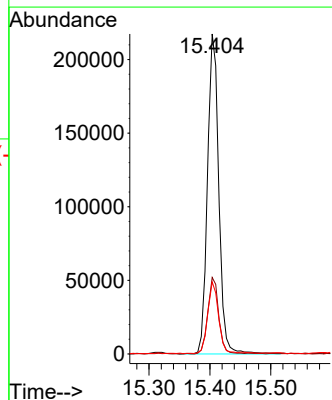
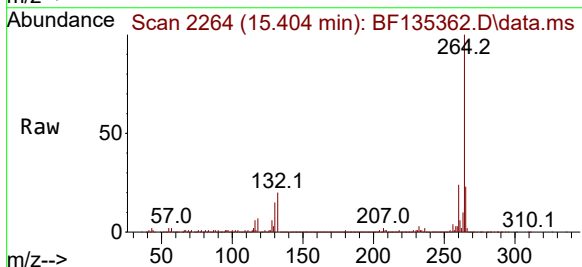
Instrument :
BNA_F
ClientSampleId :
CPT101-01

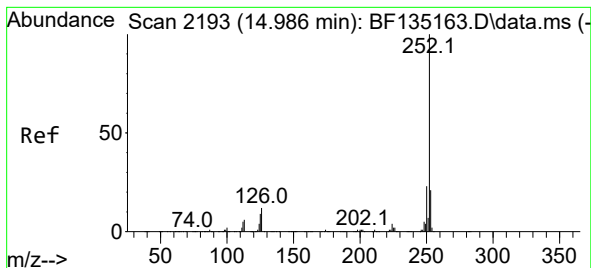
Tgt Ion:228 Resp: 37049
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 21.2 16.0 24.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135362.D
Acq: 20 Sep 2023 17:39

Tgt Ion:264 Resp: 280812
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 22.5 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 4.223 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

Instrument :

BNA_F

ClientSampleId :

CPT101-01

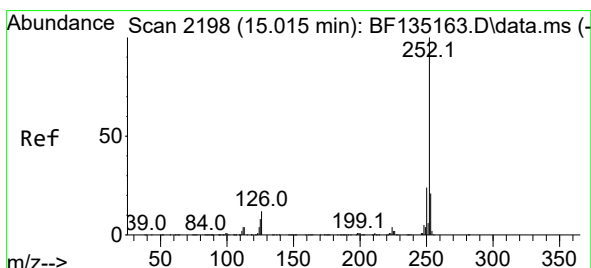
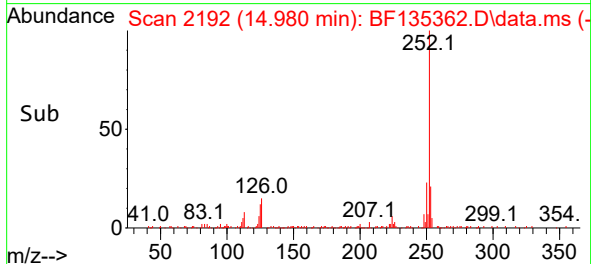
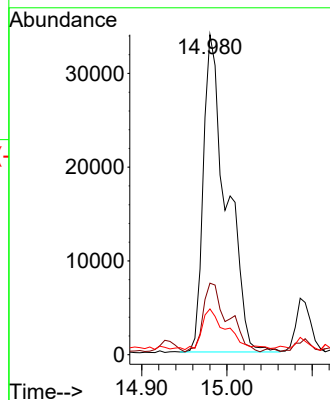
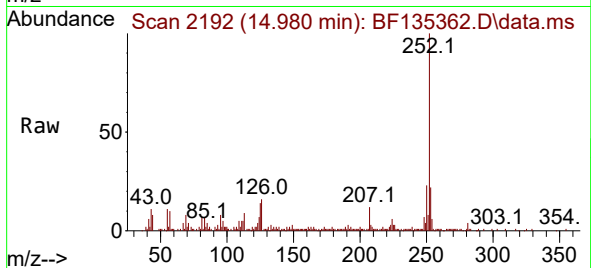
Tgt Ion:252 Resp: 64197

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 14.3 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 4.275 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.035 min

Lab File: BF135362.D

Acq: 20 Sep 2023 17:39

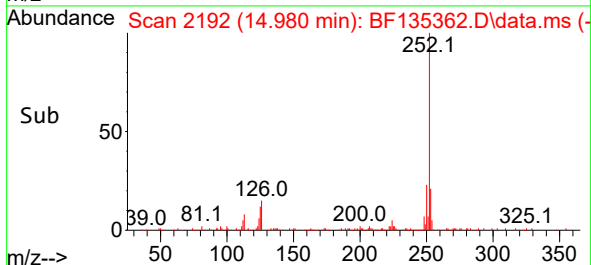
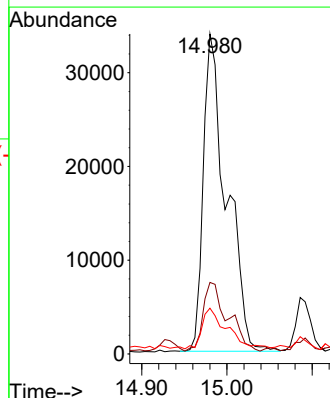
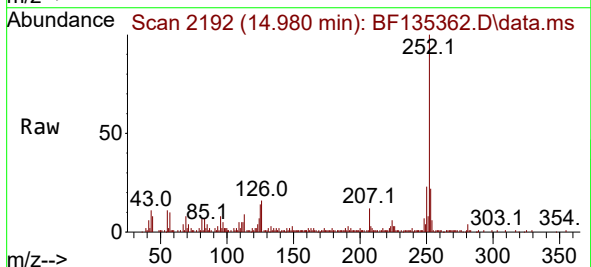
Tgt Ion:252 Resp: 64197

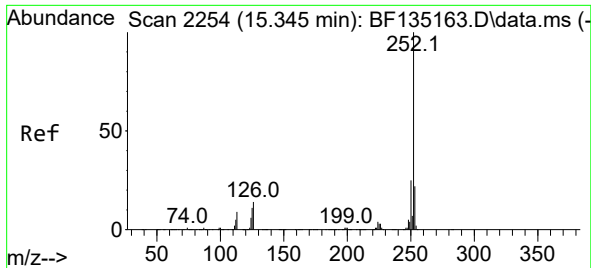
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

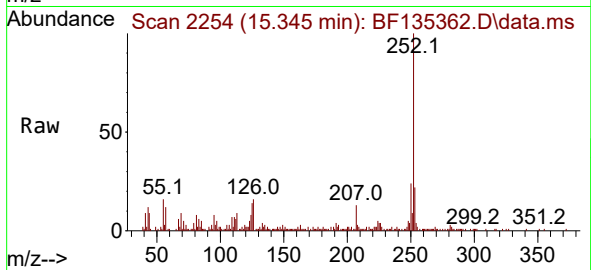
125 14.3 7.2 10.8#





#90
 Benzo(a)pyrene
 Concen: 2.379 ng
 RT: 15.345 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135362.D
 Acq: 20 Sep 2023 17:39

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-01



Tgt Ion:	252	Resp:	34492
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	13.5	9.2	13.8

