

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135357.D
 Acq On : 20 Sep 2023 15:02
 Operator : CG\JU
 Sample : 04351-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-10

Quant Time: Sep 20 15:26:49 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)

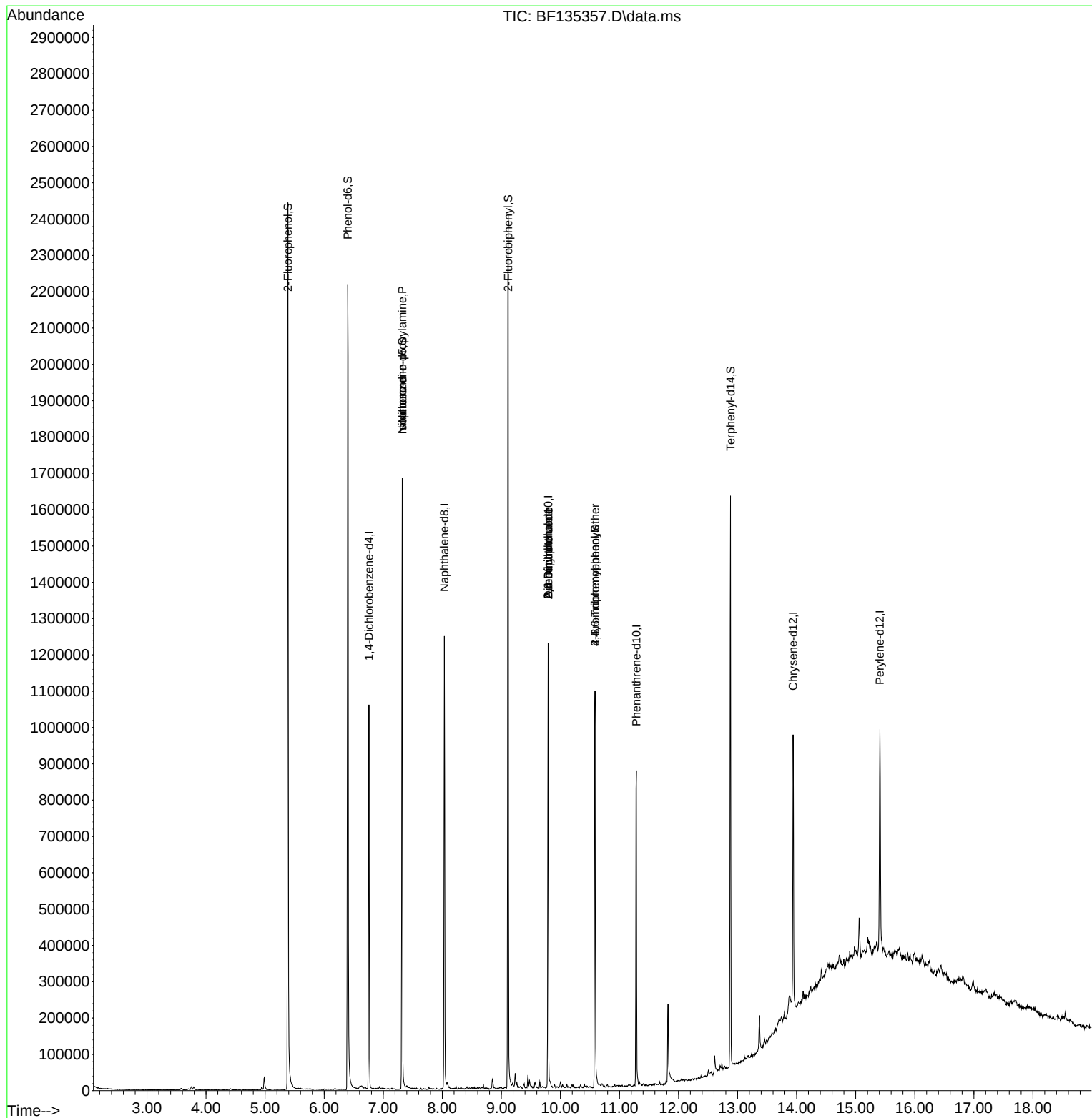
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	139676	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	511070	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	223991	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	340331	20.000	ng	0.00
76) Chrysene-d12	13.939	240	262639	20.000	ng	0.00
86) Perylene-d12	15.410	264	294590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	635905	74.047	ng	0.00
7) Phenol-d6	6.398	99	792473	72.572	ng	0.00
23) Nitrobenzene-d5	7.322	82	478129	50.828	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	130375	58.571	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	786491	52.975	ng	-0.01
79) Terphenyl-d14	12.880	244	532934	31.456	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	61964	9.161	ng	# 80
25) Isophorone	7.322	82	478122	27.680	ng	# 65
50) Dimethylphthalate	9.792	163	43126	2.848	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	28670	8.642	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	28670	6.903	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	8673	2.562	ng	# 1

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

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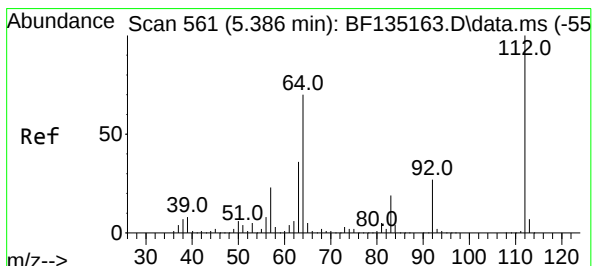
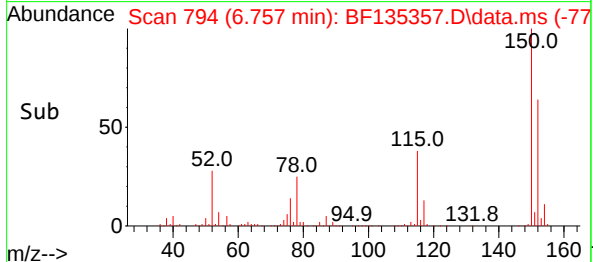
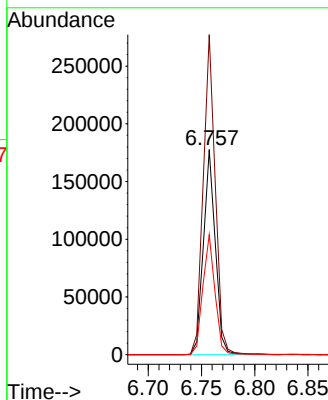
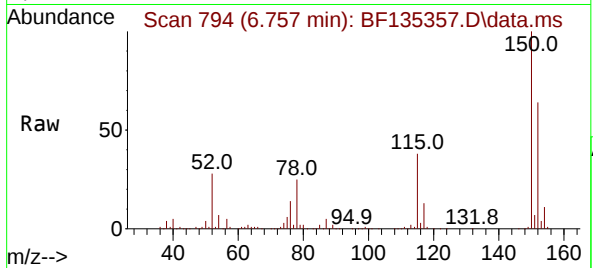




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

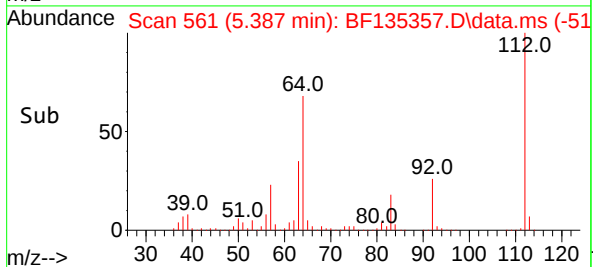
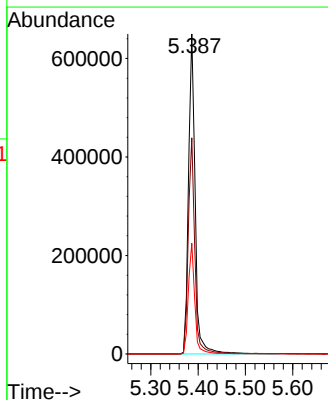
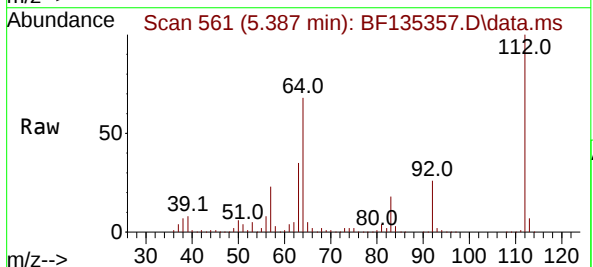
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-10

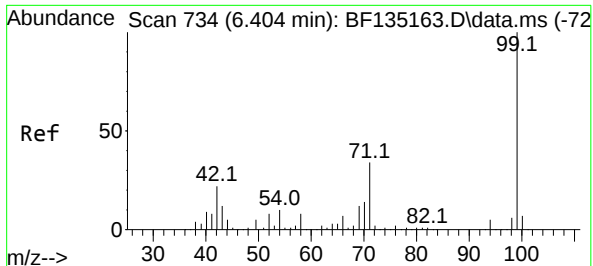
Tgt Ion:152 Resp: 139676
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.8 191.6
 115 58.5 49.8 74.8



#5
 2-Fluorophenol
 Concen: 74.047 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

Tgt Ion:112 Resp: 635905
 Ion Ratio Lower Upper
 112 100
 64 67.5 55.9 83.9
 63 34.6 29.0 43.6

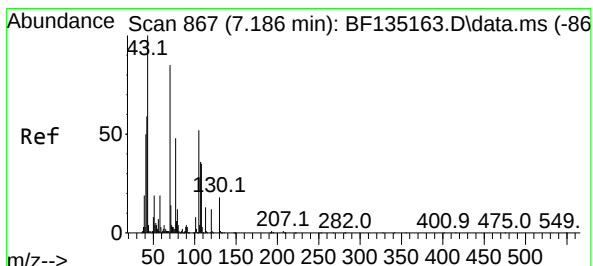
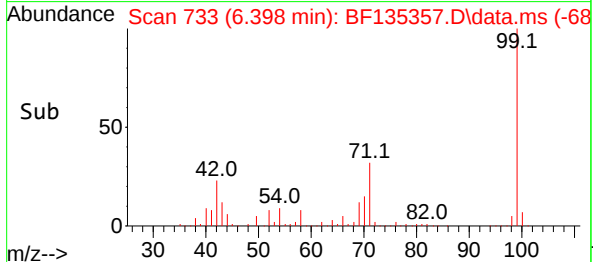
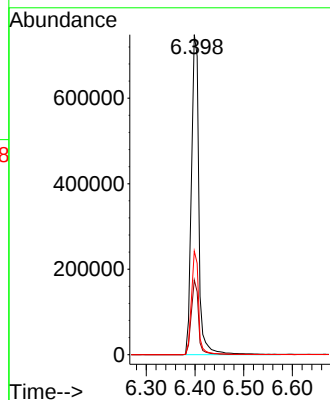
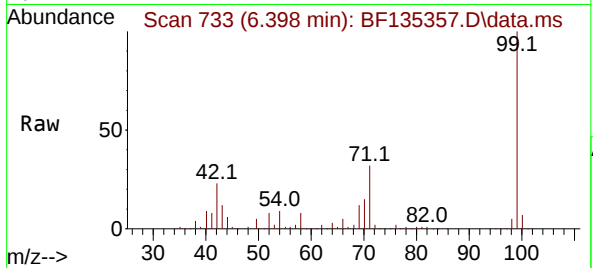




#7
Phenol-d6
Concen: 72.572 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

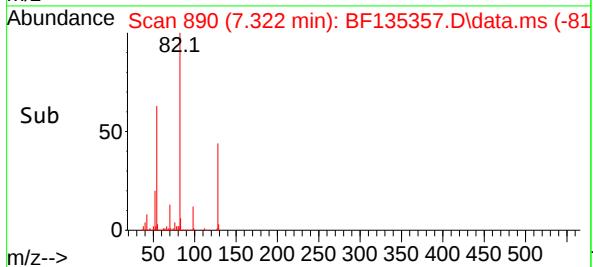
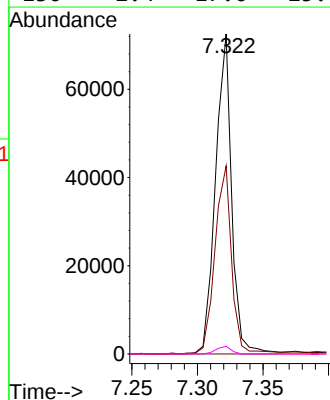
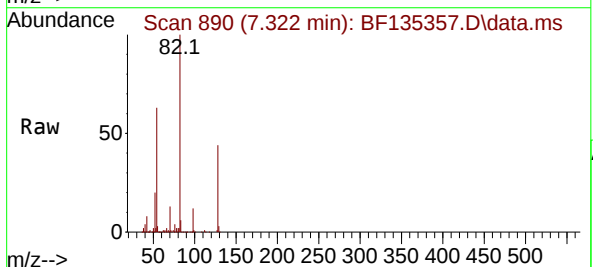
Instrument :
BNA_F
ClientSampleId :
CPT101-10

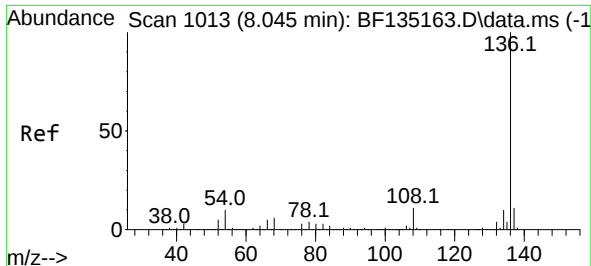
Tgt Ion: 99 Resp: 792473
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.161 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion: 70 Resp: 61964
Ion Ratio Lower Upper
70 100
42 58.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

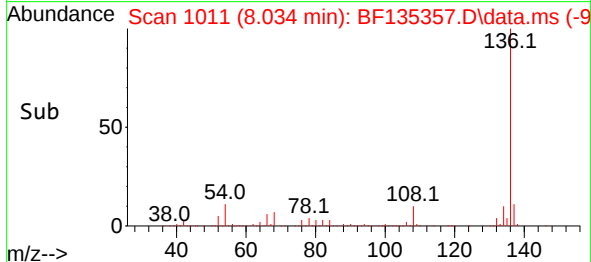
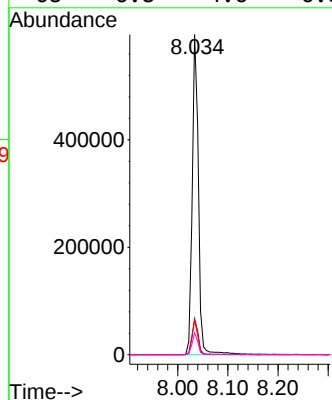
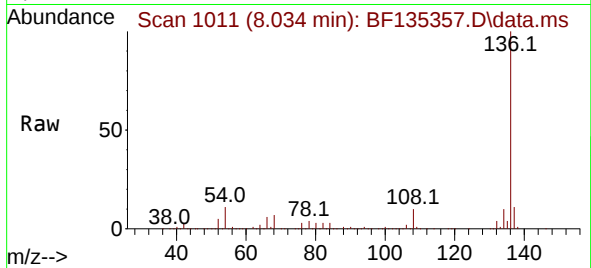




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

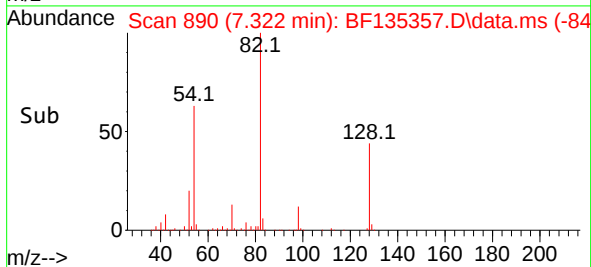
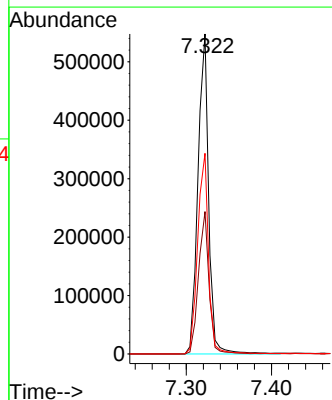
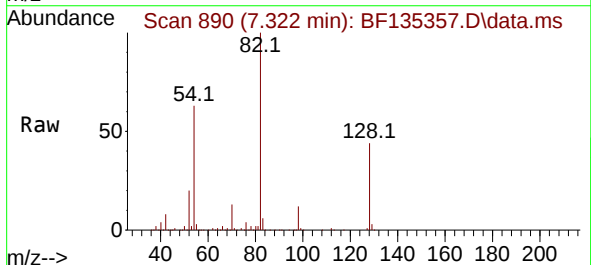
Instrument :
BNA_F
ClientSampleId :
CPT101-10

Tgt Ion:136 Resp: 511070
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.9 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 50.828 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion: 82 Resp: 478129
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 62.7 50.6 76.0

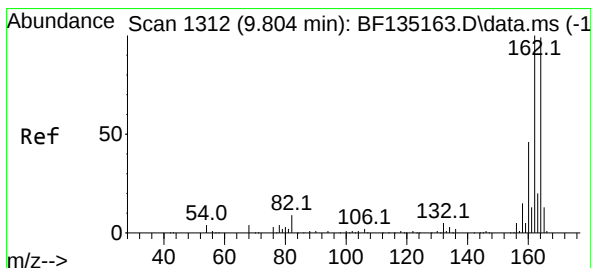
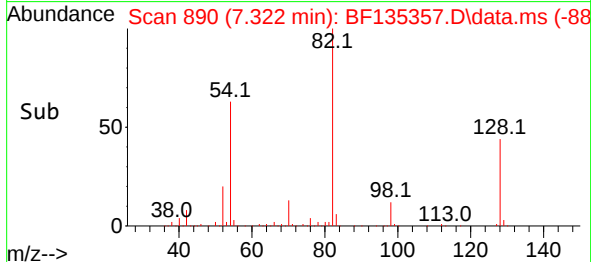
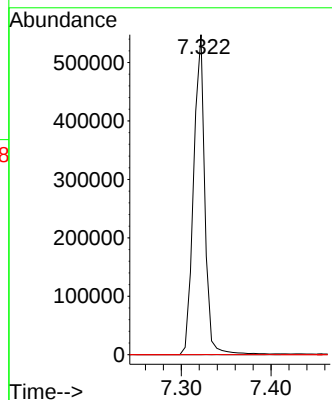
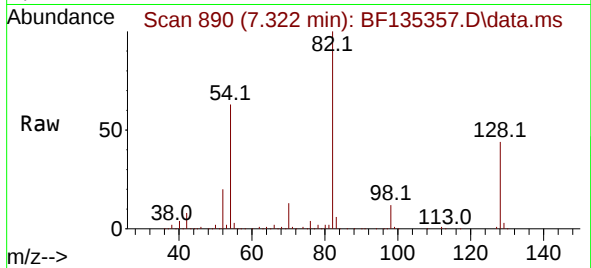




#25
Isophorone
Concen: 27.680 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

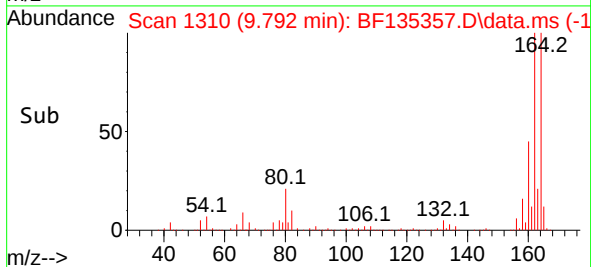
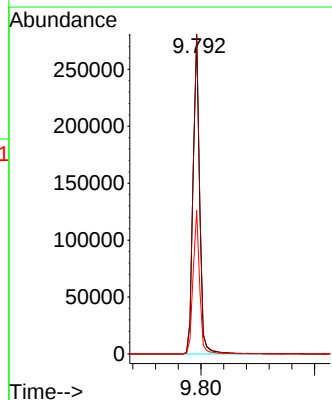
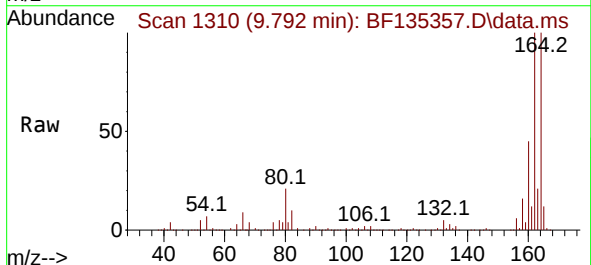
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BNA_F
ClientSampleId :
CPT101-10

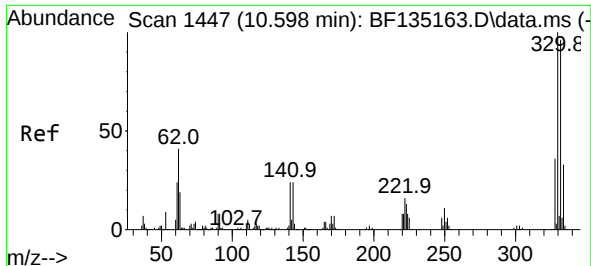
Tgt Ion: 82 Resp: 478122
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion: 164 Resp: 223991
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 45.1 37.0 55.4

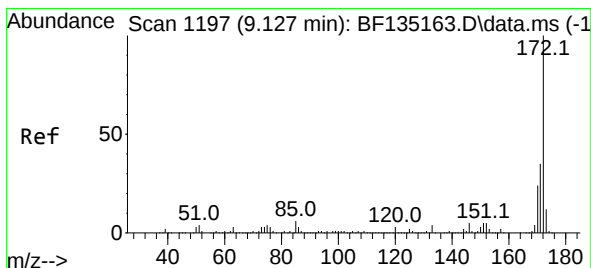
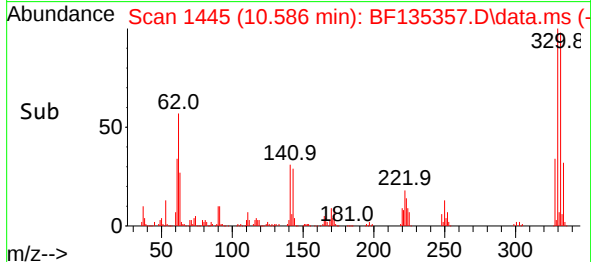
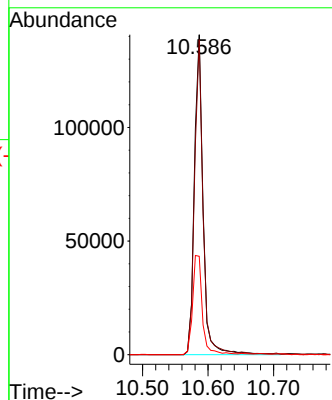
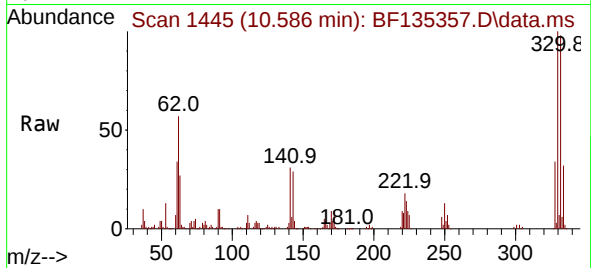




#42
 2,4,6-Tribromophenol
 Concen: 58.571 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

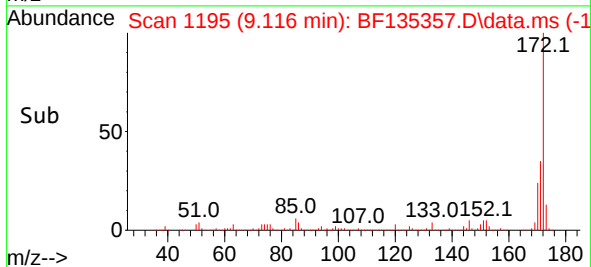
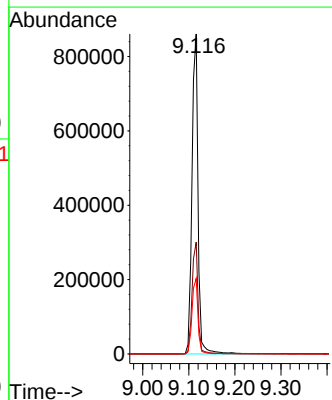
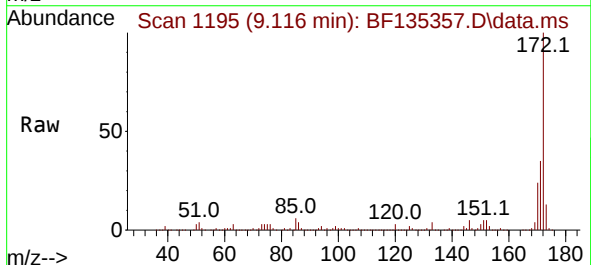
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-10

Tgt Ion:330 Resp: 130375
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.3 115.9
 141 34.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 52.975 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

Tgt Ion:172 Resp: 786491
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 23.6 19.0 28.4

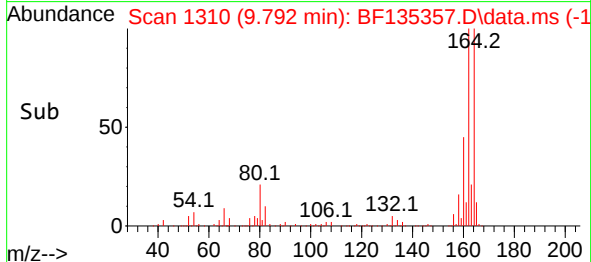
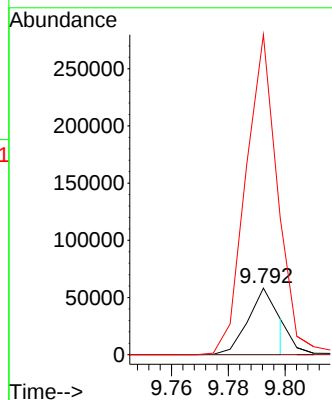
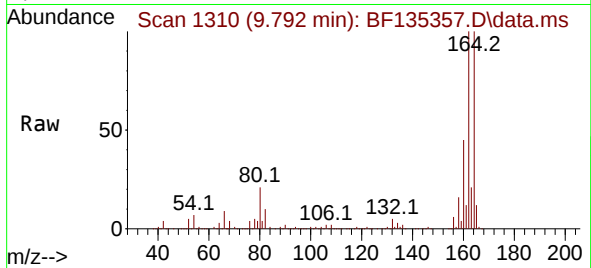




#50
Dimethylphthalate
Concen: 2.848 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

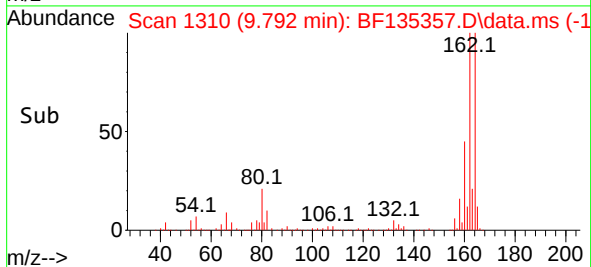
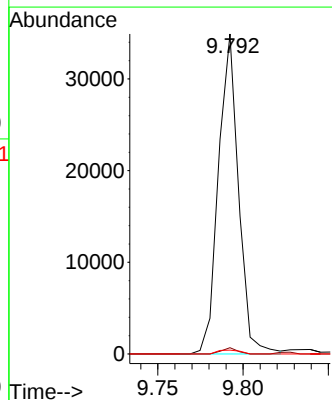
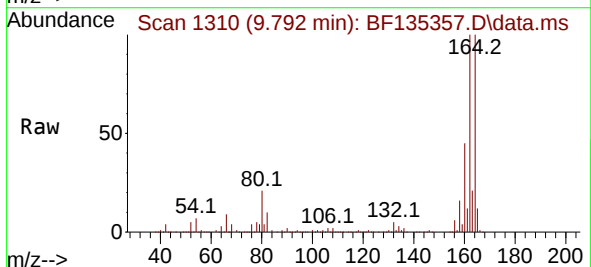
Instrument :
BNA_F
ClientSampleId :
CPT101-10

Tgt Ion:163 Resp: 43126
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 480.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.642 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion:165 Resp: 28670
Ion Ratio Lower Upper
165 100
63 1.9 59.4 89.2#
89 1.2 49.8 74.8#

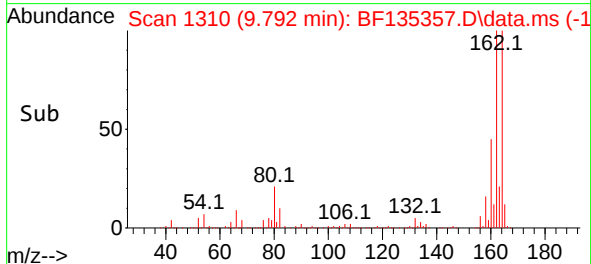
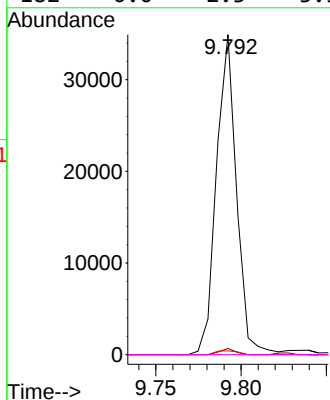
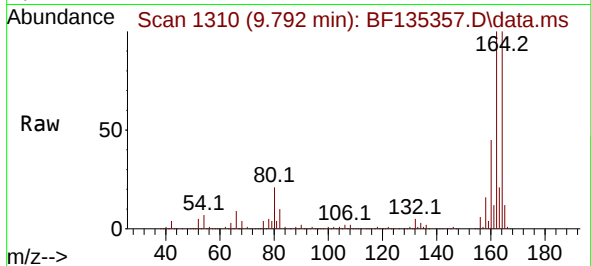




#57
2,4-Dinitrotoluene
Concen: 6.903 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

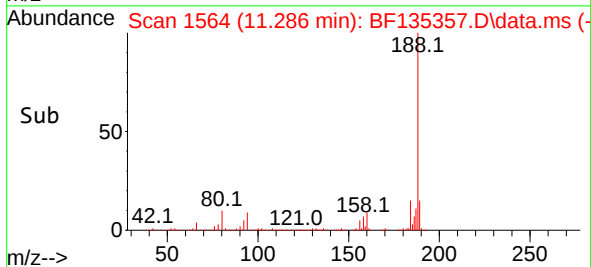
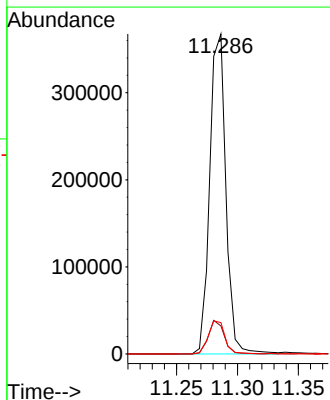
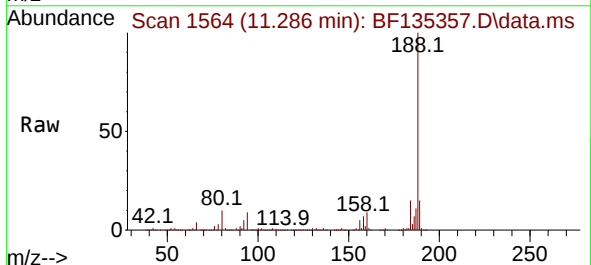
Instrument :
BNA_F
ClientSampleId :
CPT101-10

Tgt Ion:165 Resp: 28670
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 1.2 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: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion:188 Resp: 340331
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.8 7.5 11.3

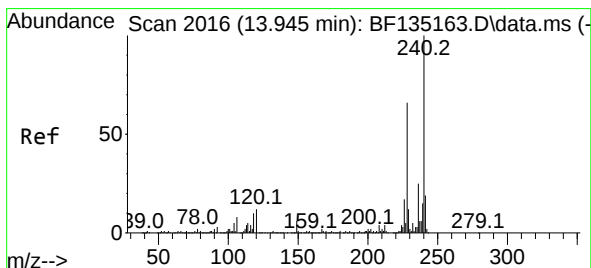
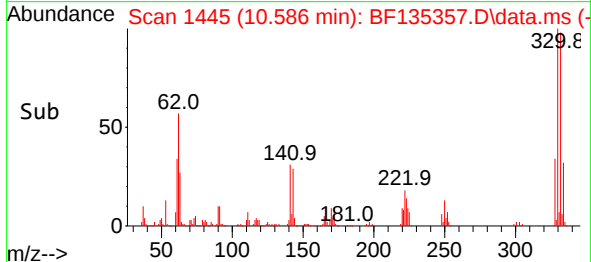
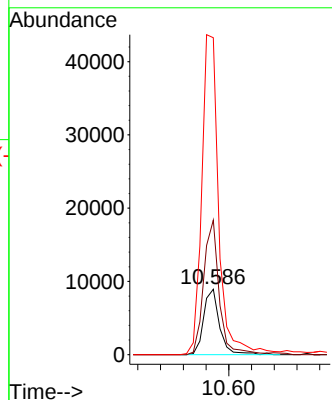
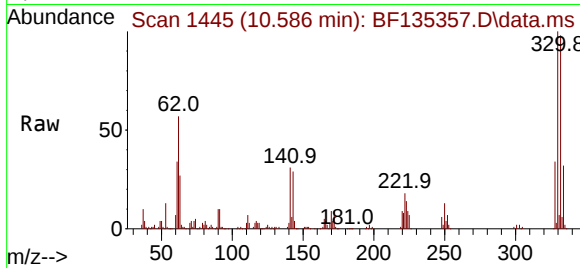




#67
4-Bromophenyl-phenylether
Concen: 2.562 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

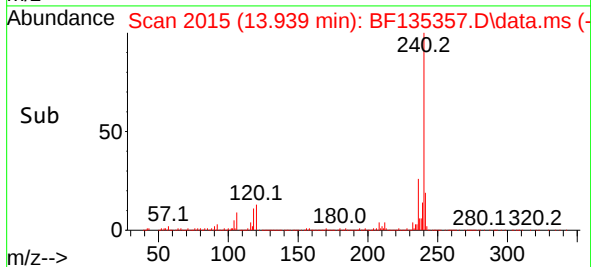
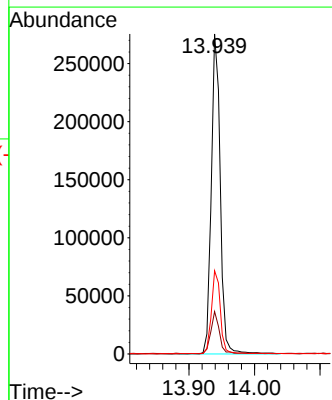
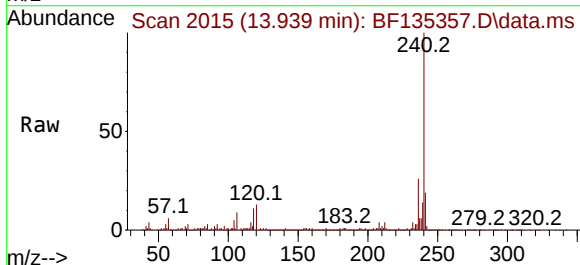
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BNA_F
ClientSampleId :
CPT101-10

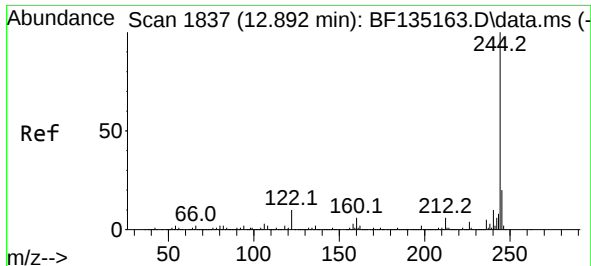
Tgt Ion:248 Resp: 8673
Ion Ratio Lower Upper
248 100
250 205.7 78.6 117.8#
141 484.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135357.D
Acq: 20 Sep 2023 15:02

Tgt Ion:240 Resp: 262639
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 26.0 19.8 29.8

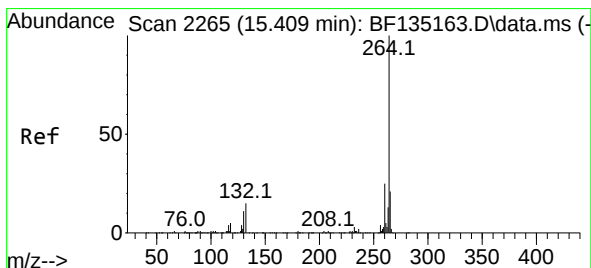
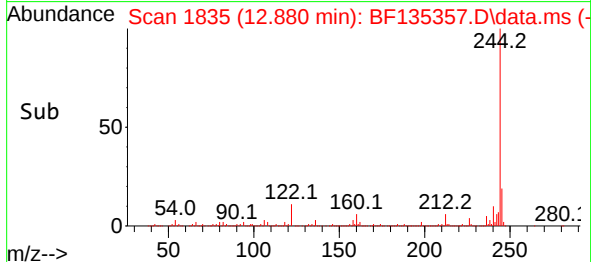
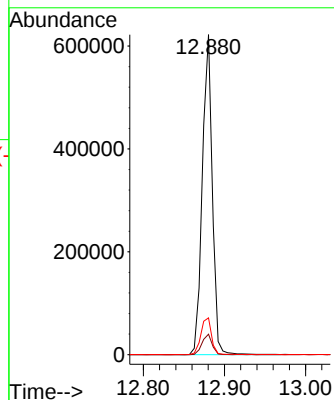
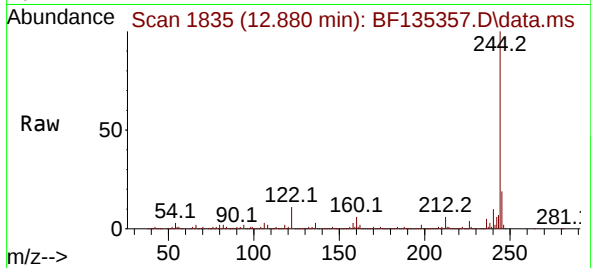




#79
 Terphenyl-d14
 Concen: 31.456 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-10

Tgt Ion:244 Resp: 532934
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135357.D
 Acq: 20 Sep 2023 15:02

Tgt Ion:264 Resp: 294590
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 21.5 17.0 25.4

