

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135358.D
 Acq On : 20 Sep 2023 15:33
 Operator : CG\JU
 Sample : 04351-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02

Quant Time: Sep 20 16:07:36 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)

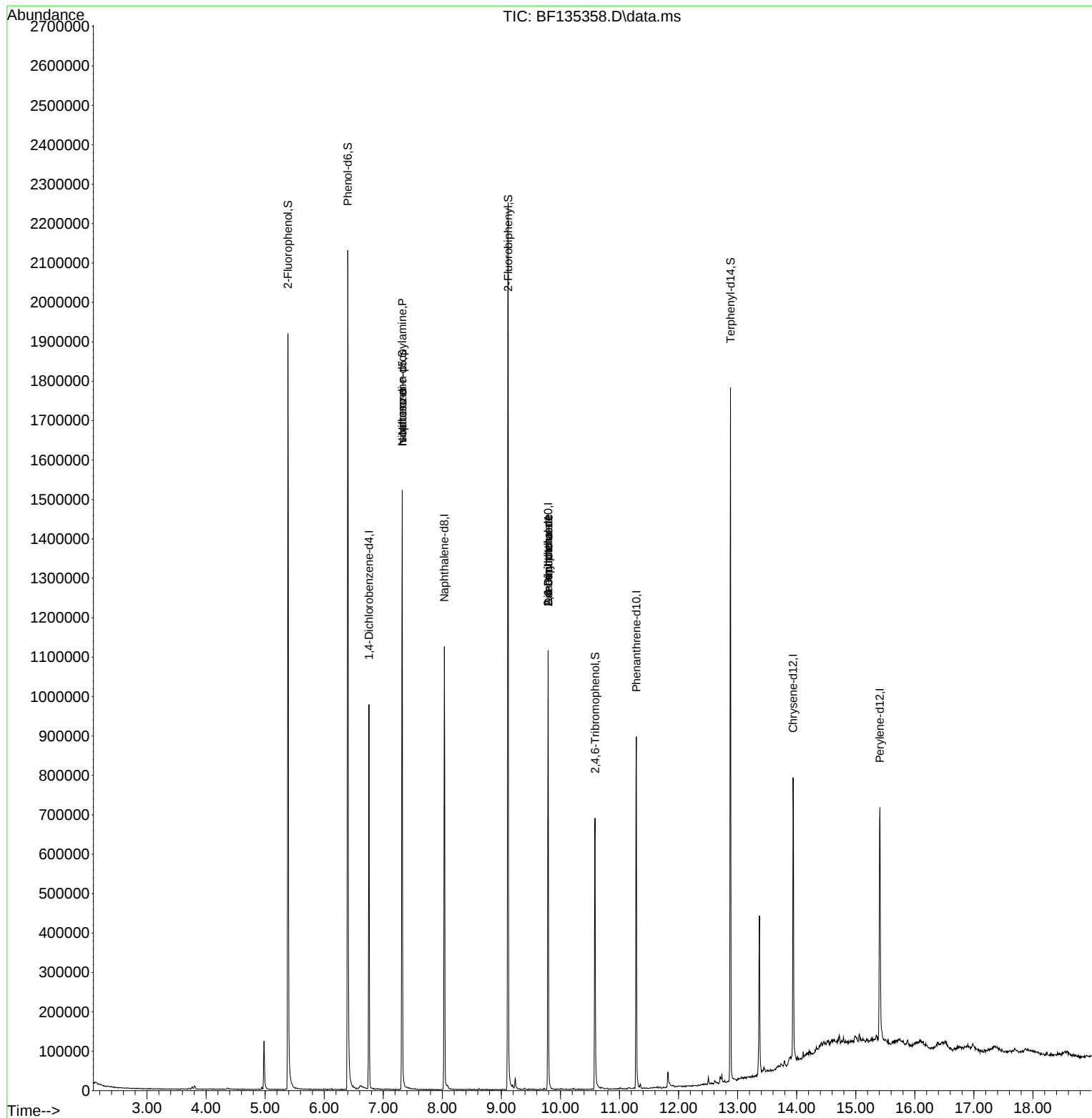
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	129487	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	475205	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	214980	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	338788	20.000	ng	0.00
76) Chrysene-d12	13.939	240	248442	20.000	ng	0.00
86) Perylene-d12	15.409	264	293441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	514890	64.674	ng	0.00
7) Phenol-d6	6.398	99	730170	72.128	ng	0.00
23) Nitrobenzene-d5	7.322	82	438251	50.105	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	84091	39.361	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	763054	53.551	ng	-0.01
79) Terphenyl-d14	12.880	244	546841	34.121	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	58372	9.309	ng	# 82
25) Isophorone	7.322	82	438248	27.286	ng	# 65
50) Dimethylphthalate	9.792	163	40859	2.811	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	27500	8.637	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	27500	6.899	ng	# 18

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

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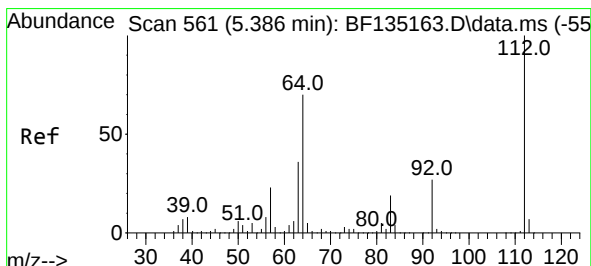
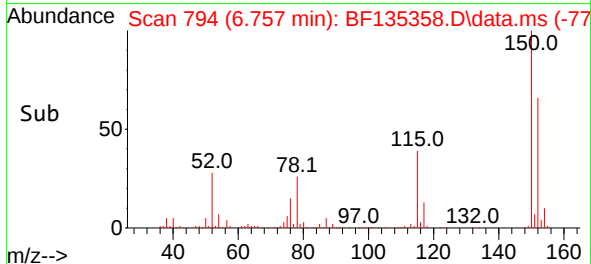
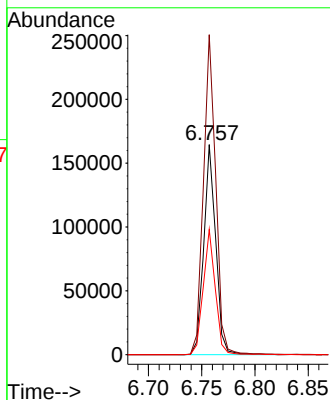
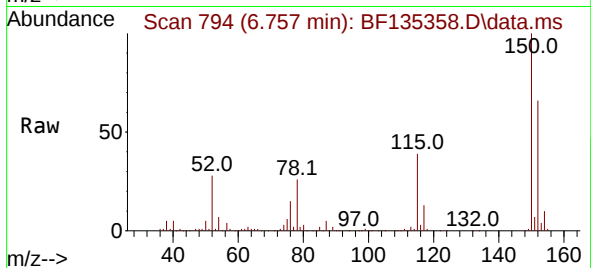




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

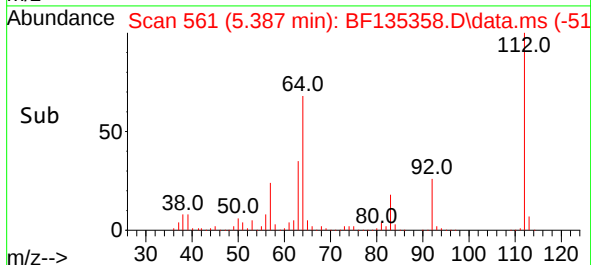
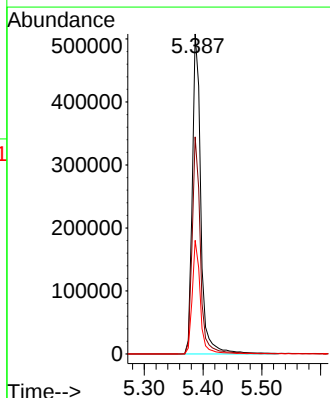
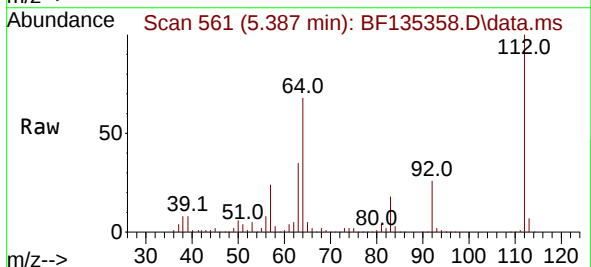
Instrument :
BNA_F
ClientSampleId :
CPT101-02

Tgt Ion:152 Resp: 129487
Ion Ratio Lower Upper
152 100
150 152.3 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 64.674 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion:112 Resp: 514890
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 35.5 29.0 43.6

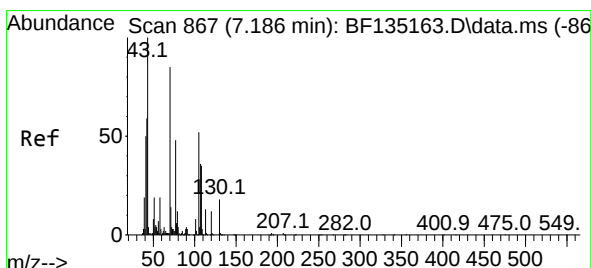
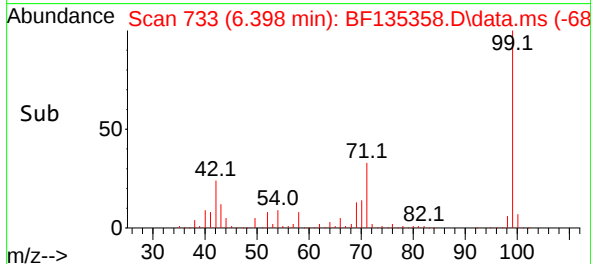
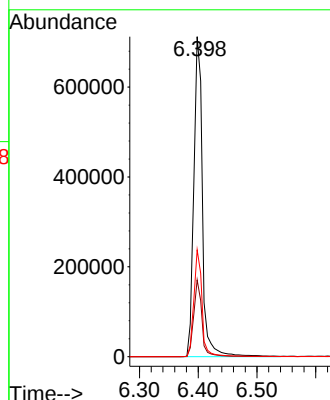
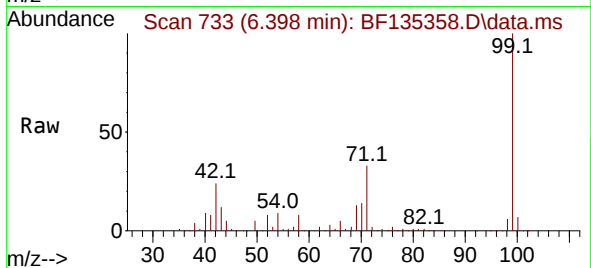




#7
Phenol-d6
Concen: 72.128 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

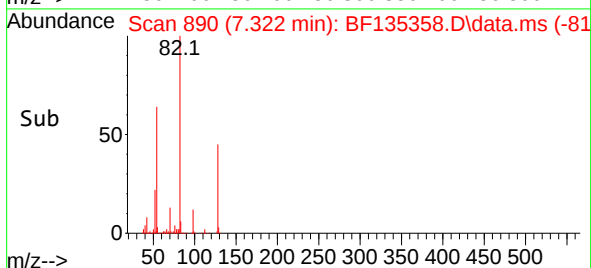
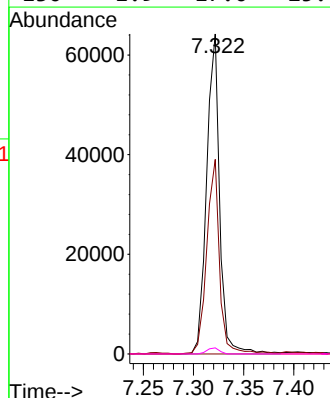
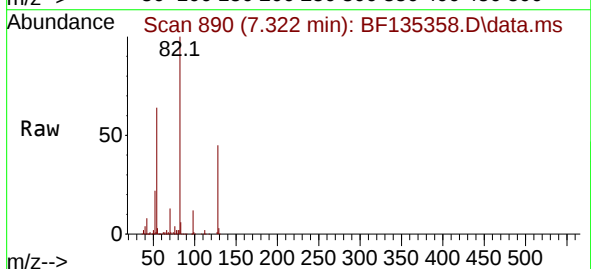
Instrument :
BNA_F
ClientSampleId :
CPT101-02

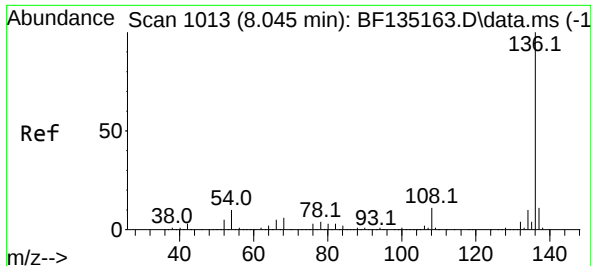
Tgt Ion: 99 Resp: 730170
Ion Ratio Lower Upper
99 100
42 24.0 17.9 26.9
71 33.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.309 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion: 70 Resp: 58372
Ion Ratio Lower Upper
70 100
42 60.8 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

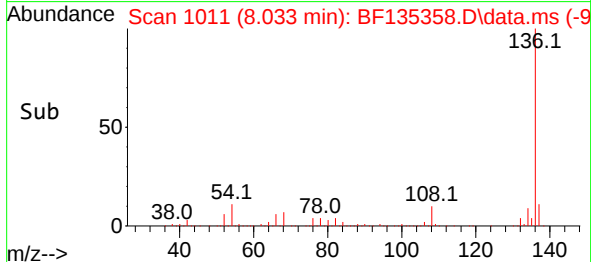
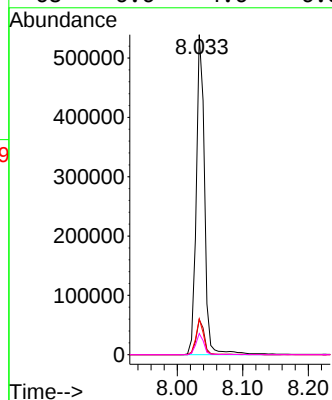
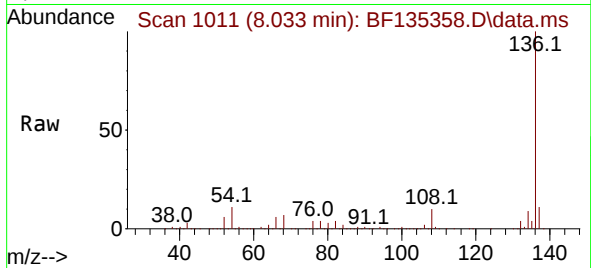




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

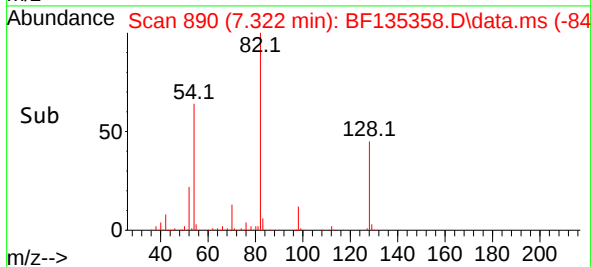
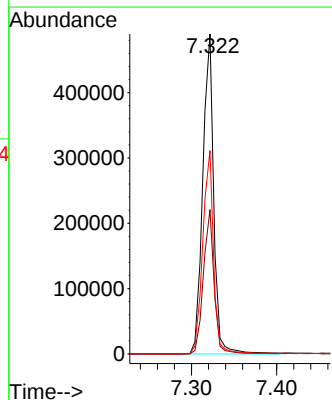
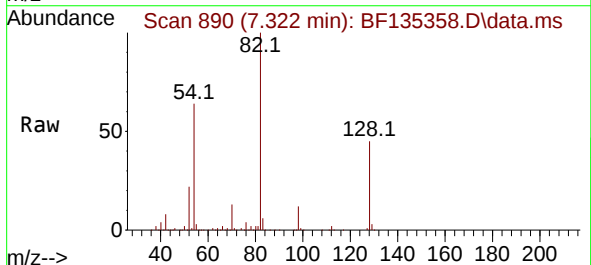
Instrument :
BNA_F
ClientSampleId :
CPT101-02

Tgt Ion:136	Resp: 475205
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 11.2	7.7 11.5
68 6.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 50.105 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion: 82	Resp: 438251
Ion Ratio	Lower Upper
82 100	
128 45.1	35.8 53.6
54 63.5	50.6 76.0

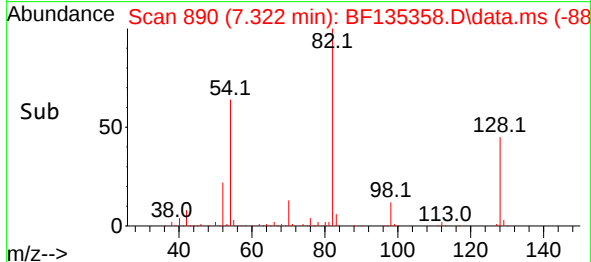
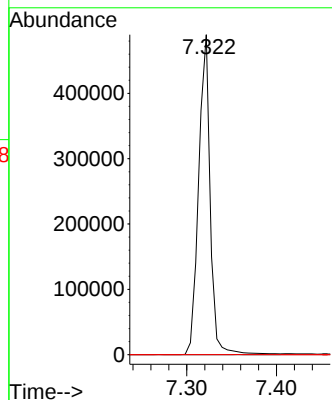
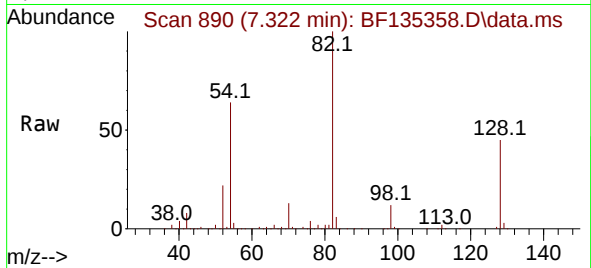




#25
Isophorone
Concen: 27.286 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

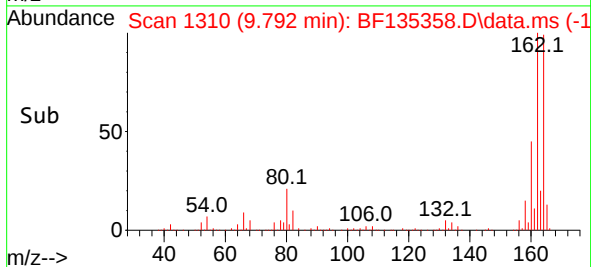
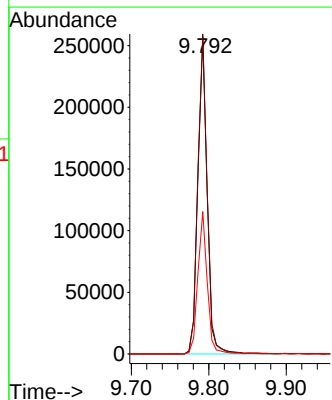
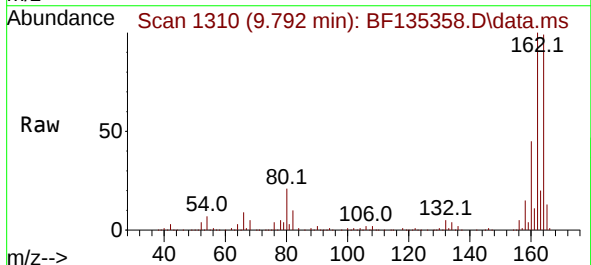
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ClientSampleId :
CPT101-02

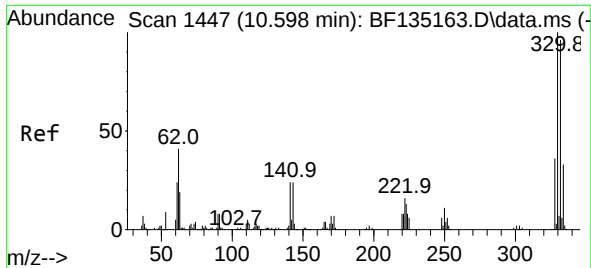
Tgt Ion: 82 Resp: 438248
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion:164 Resp: 214980
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.9 37.0 55.4

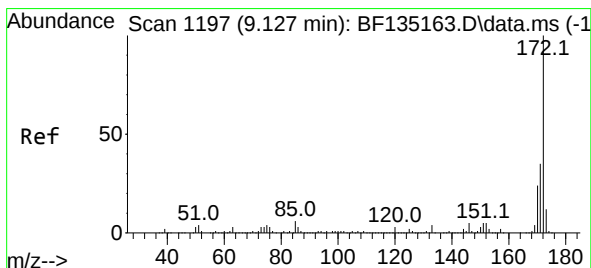
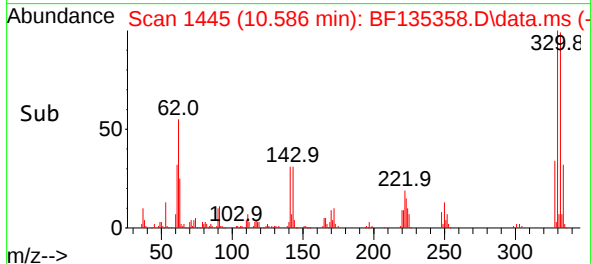
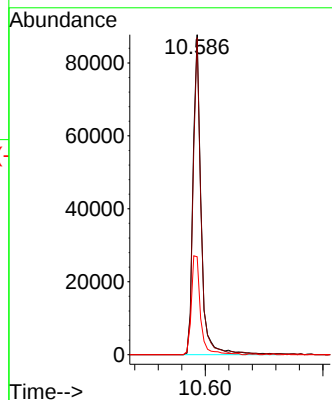
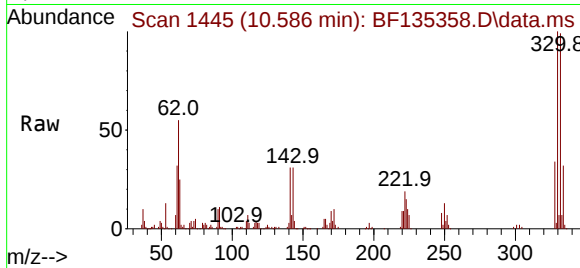




#42
 2,4,6-Tribromophenol
 Concen: 39.361 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF135358.D
 Acq: 20 Sep 2023 15:33

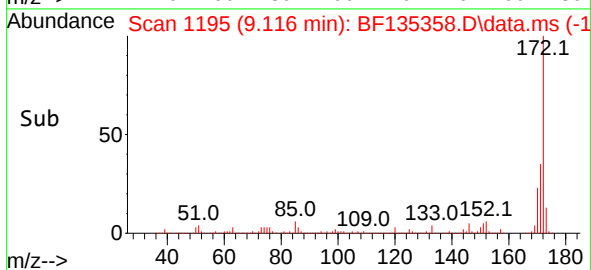
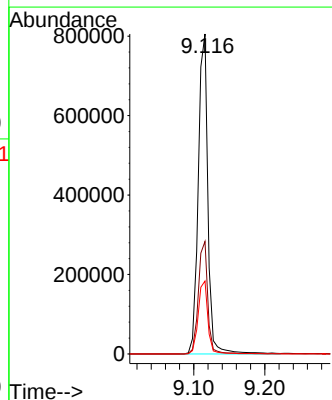
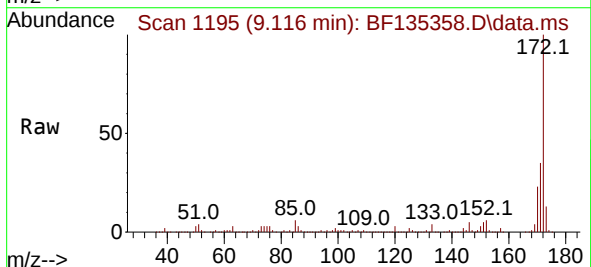
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02

Tgt Ion:330 Resp: 84091
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 34.9 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 53.551 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135358.D
 Acq: 20 Sep 2023 15:33

Tgt Ion:172 Resp: 763054
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.4 42.6
 170 22.8 19.0 28.4

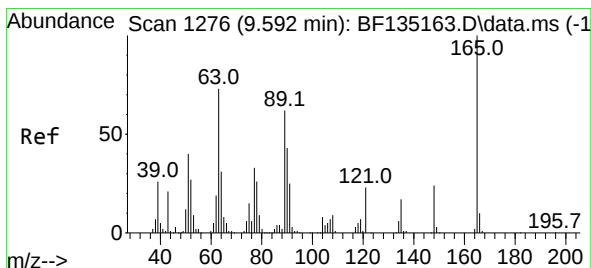
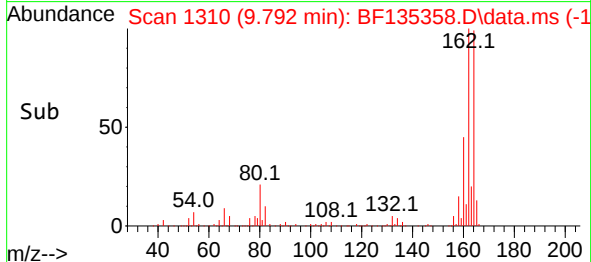
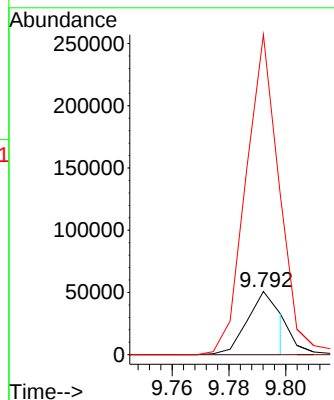
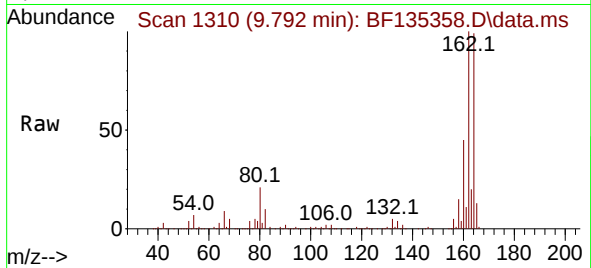




#50
Dimethylphthalate
Concen: 2.811 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

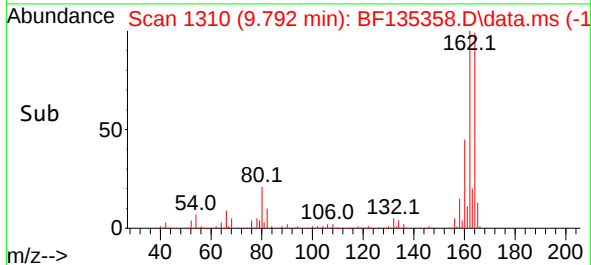
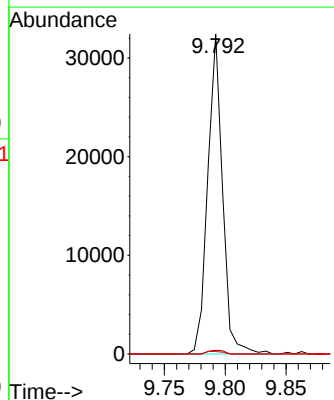
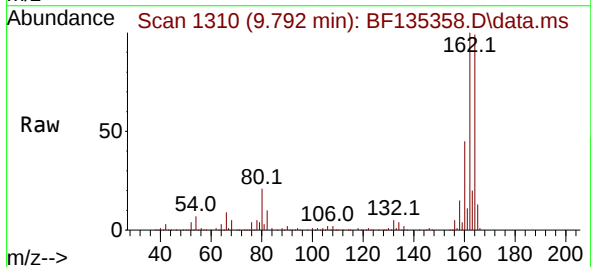
Instrument :
BNA_F
ClientSampleId :
CPT101-02

Tgt Ion:163 Resp: 40859
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.637 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion:165 Resp: 27500
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 0.8 49.8 74.8#

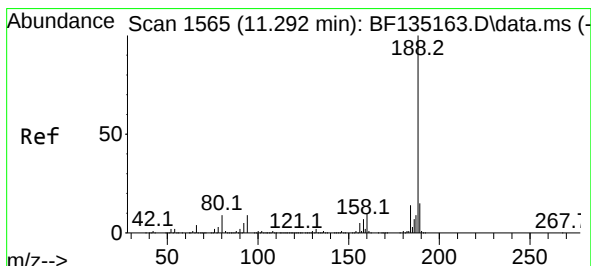
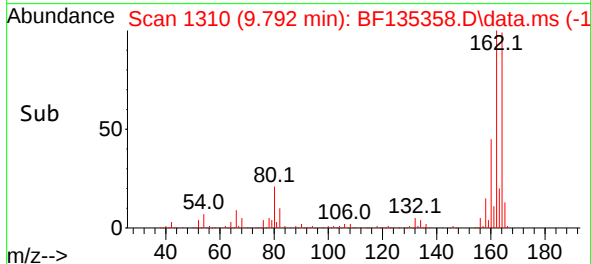
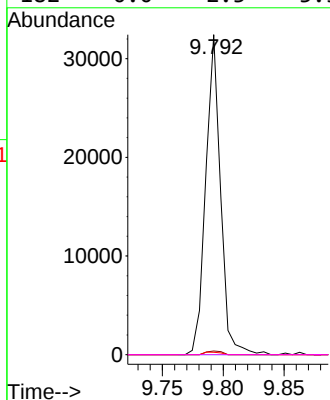
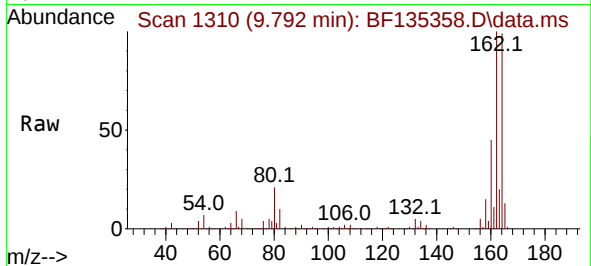




#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

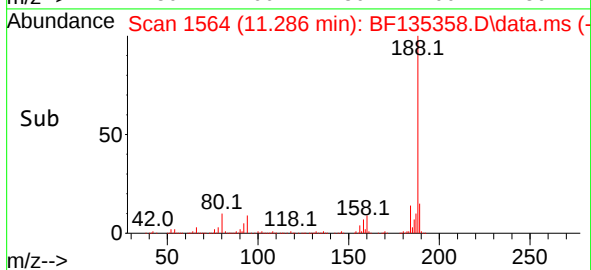
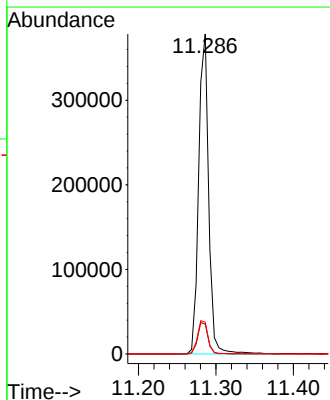
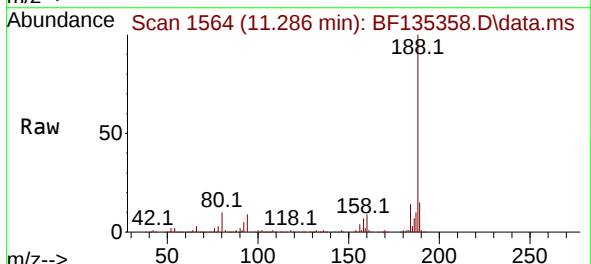
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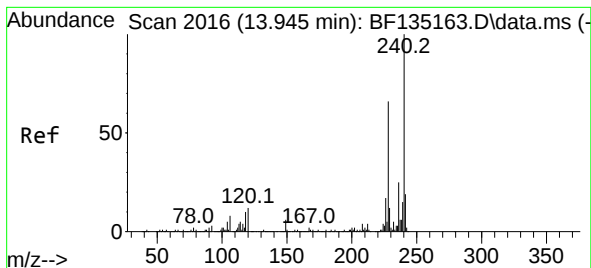
Tgt Ion:165 Resp: 27500
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 0.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Tgt Ion:188 Resp: 338788
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.9 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135358.D

Acq: 20 Sep 2023 15:33

Instrument :

BNA_F

ClientSampleId :

CPT101-02

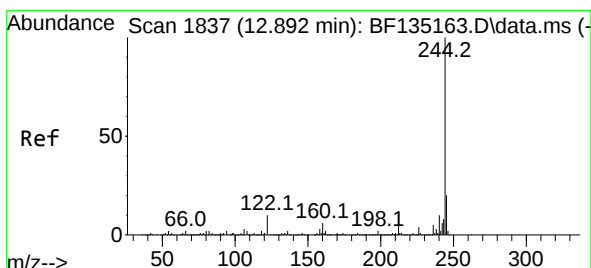
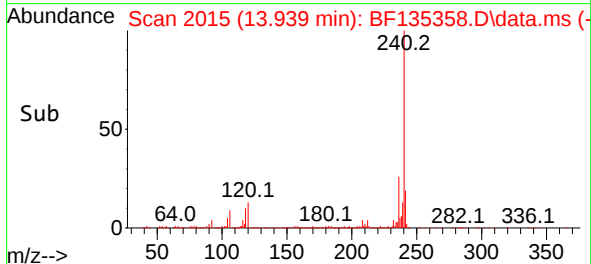
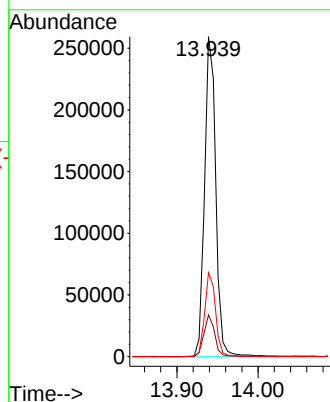
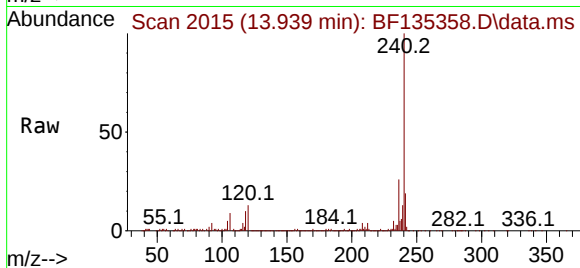
Tgt Ion:240 Resp: 248442

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 26.2 19.8 29.8



#79

Terphenyl-d14

Concen: 34.121 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135358.D

Acq: 20 Sep 2023 15:33

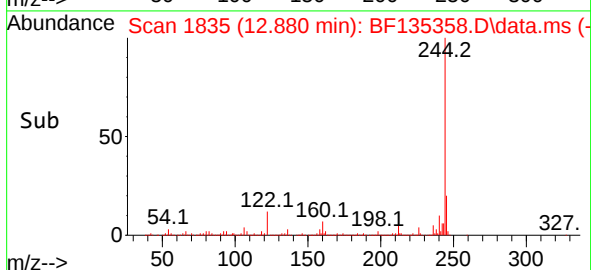
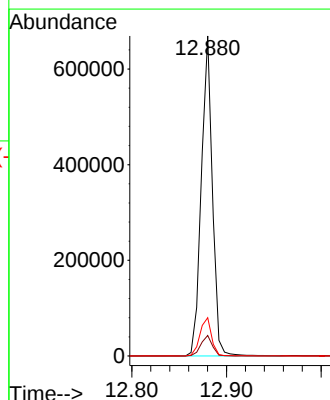
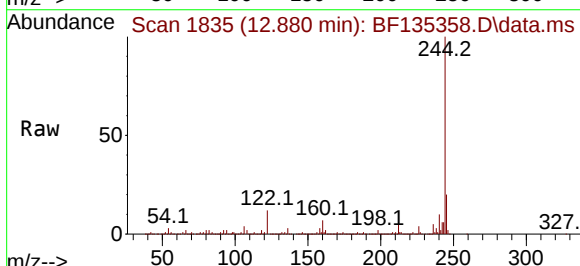
Tgt Ion:244 Resp: 546841

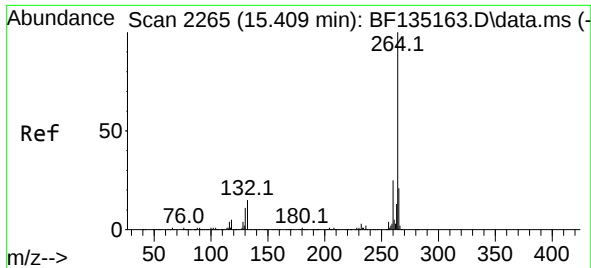
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

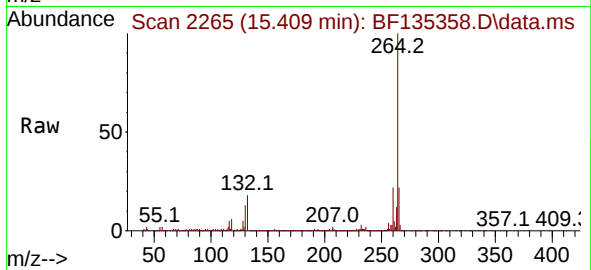
122 11.9 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135358.D
Acq: 20 Sep 2023 15:33

Instrument :
BNA_F
ClientSampleId :
CPT101-02



Tgt Ion:264 Resp: 293441

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.8	29.6
265	21.9	17.0	25.4

