

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135450.D
 Acq On : 26 Sep 2023 13:50
 Operator : CG\JU
 Sample : 04566-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06

Quant Time: Sep 27 02:11:02 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 26 01:36:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

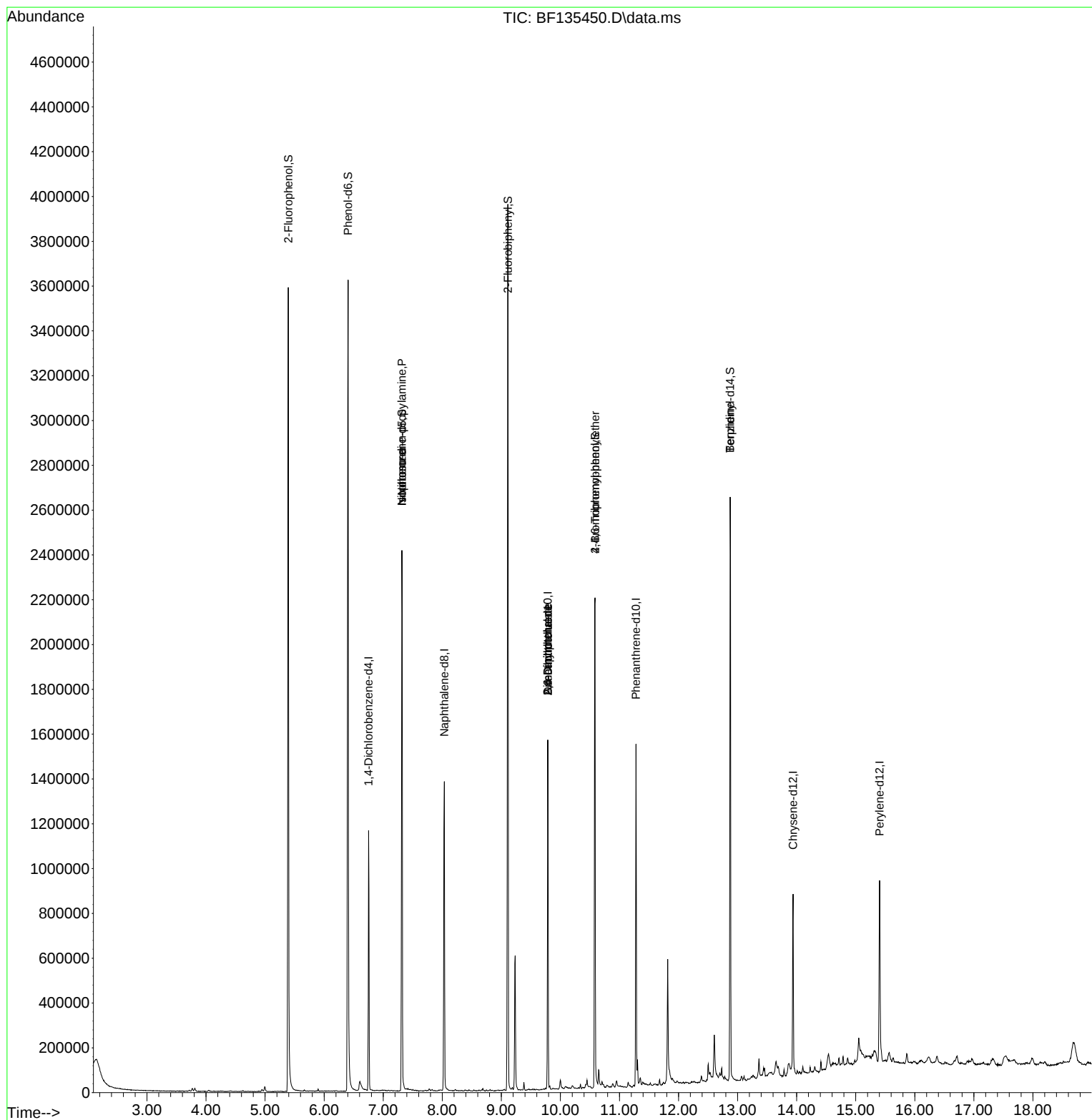
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	163488	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	618667	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	297754	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518990	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	273872	20.000	ng	0.00
86) Perylene-d12	15.404	264	374918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	984250	97.917	ng	0.01
7) Phenol-d6	6.404	99	1324377	103.617	ng	0.00
23) Nitrobenzene-d5	7.316	82	804540	70.652	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	272658	92.147	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1300806	65.912	ng	0.00
79) Terphenyl-d14	12.874	244	950269	53.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	106402	13.440	ng	# 81
25) Isophorone	7.316	82	800706	38.293	ng	# 65
50) Dimethylphthalate	9.786	163	56046	2.784	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	38779	8.793	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	38779	7.024	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	17901	3.468	ng	# 1
77) Benzidine	12.874	184	11574	2.063	ng	# 95

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

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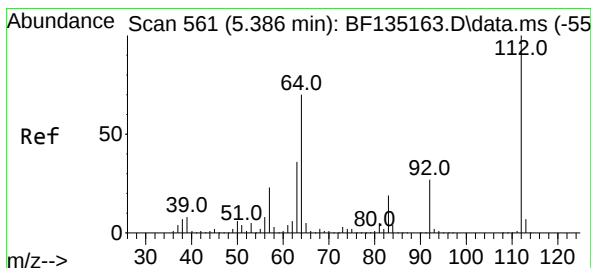
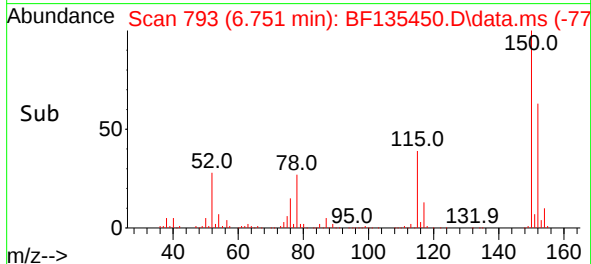
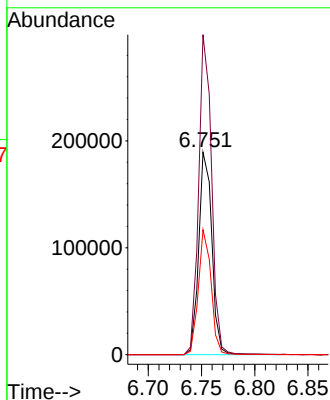
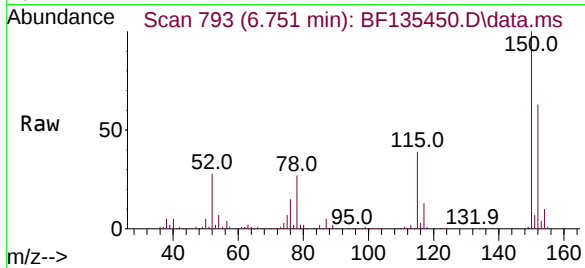




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135450.D
 Acq: 26 Sep 2023 13:50

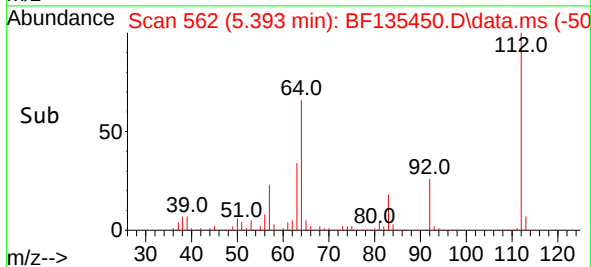
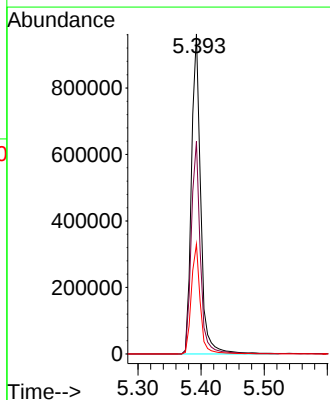
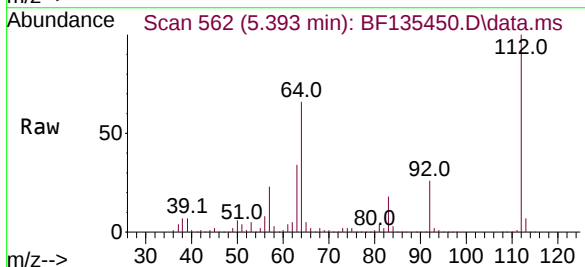
Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06

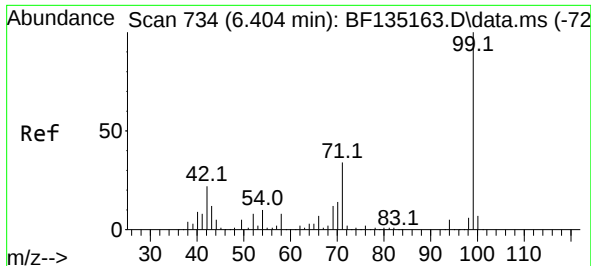
Tgt Ion:152 Resp: 163488
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.8 191.6
 115 61.7 49.8 74.8



#5
 2-Fluorophenol
 Concen: 97.917 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF135450.D
 Acq: 26 Sep 2023 13:50

Tgt Ion:112 Resp: 984250
 Ion Ratio Lower Upper
 112 100
 64 66.4 55.9 83.9
 63 34.3 29.0 43.6

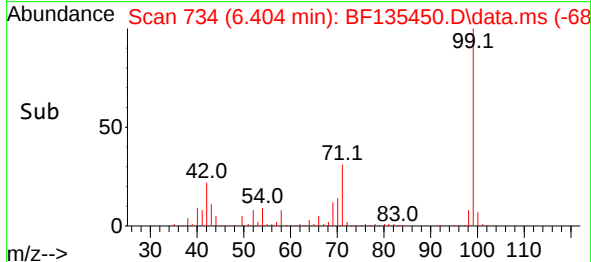
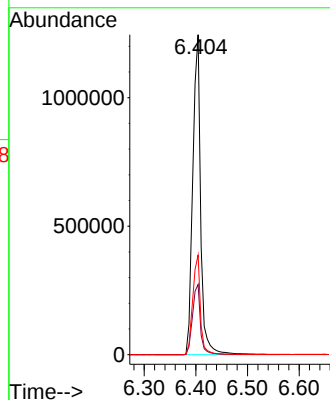
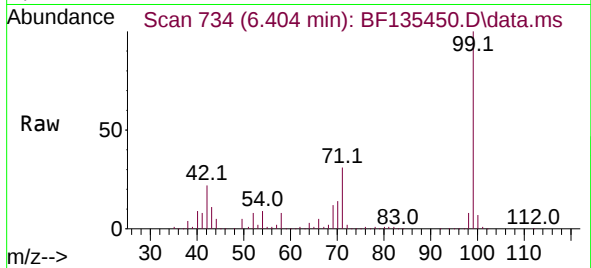




#7
Phenol-d6
Concen: 103.617 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

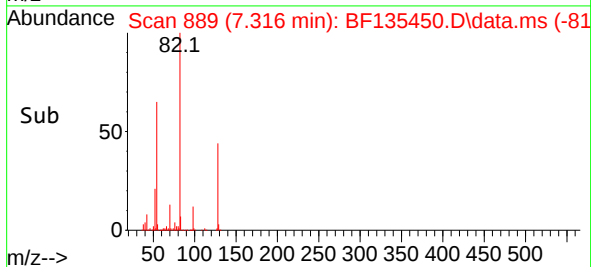
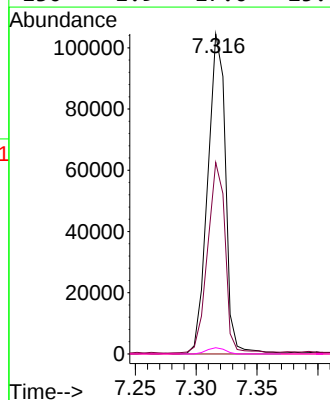
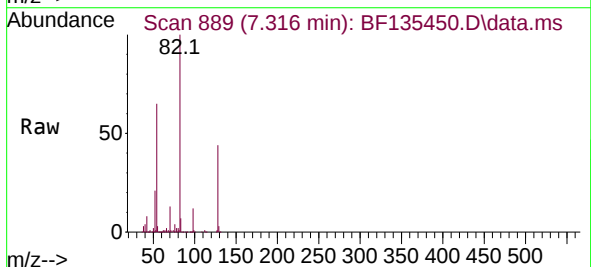
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BNA_F
ClientSampleId :
CPT102-06

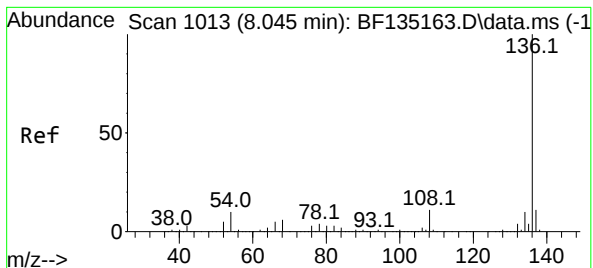
Tgt Ion: 99 Resp: 1324377
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 31.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.440 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion: 70 Resp: 106402
Ion Ratio Lower Upper
70 100
42 59.9 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: 8.034 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135450.D

Acq: 26 Sep 2023 13:50

Instrument :

BNA_F

ClientSampleId :

CPT102-06

Tgt Ion:136 Resp: 618667

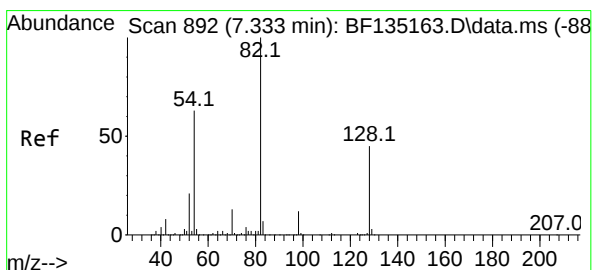
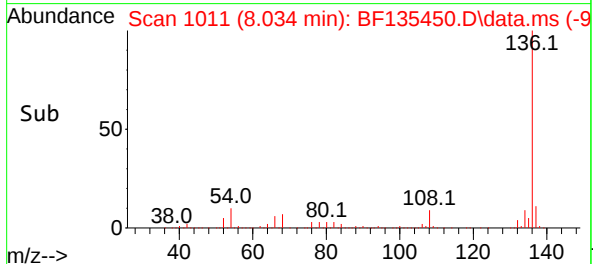
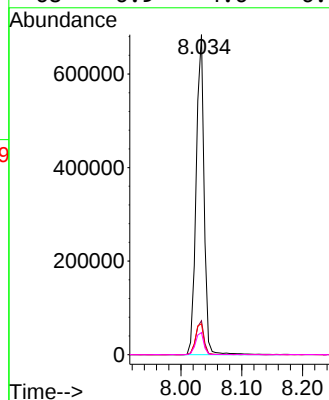
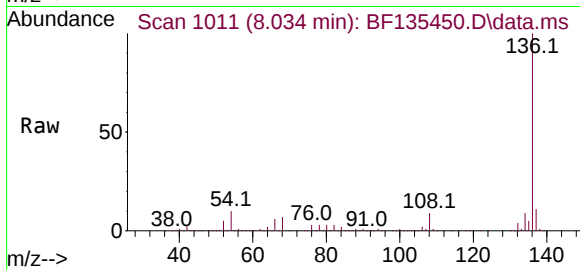
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.7 7.7 11.5

68 6.9 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 70.652 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135450.D

Acq: 26 Sep 2023 13:50

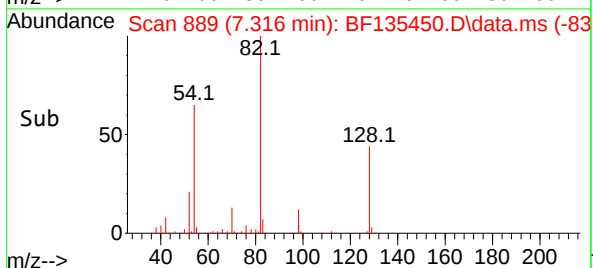
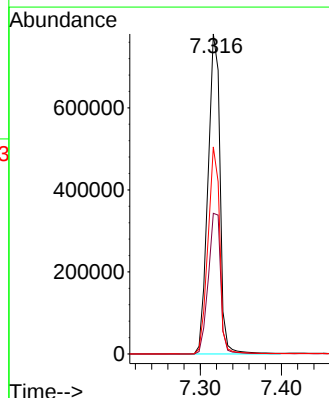
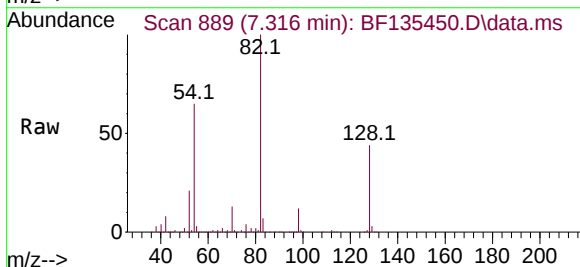
Tgt Ion: 82 Resp: 804540

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

54 64.7 50.6 76.0

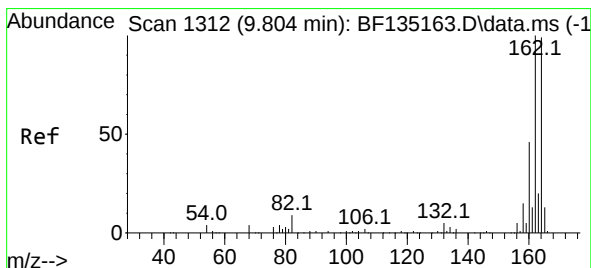
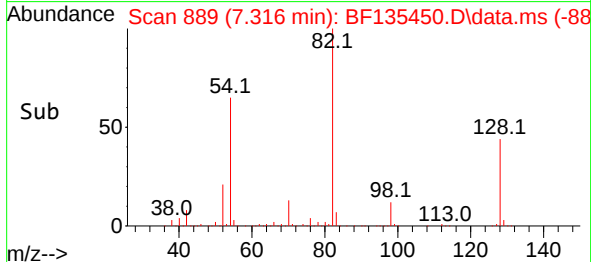
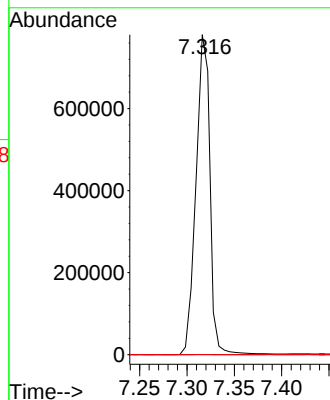
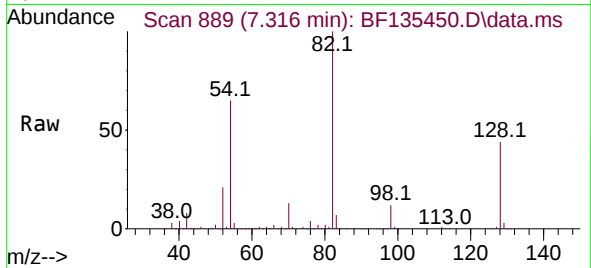




#25
Isophorone
Concen: 38.293 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

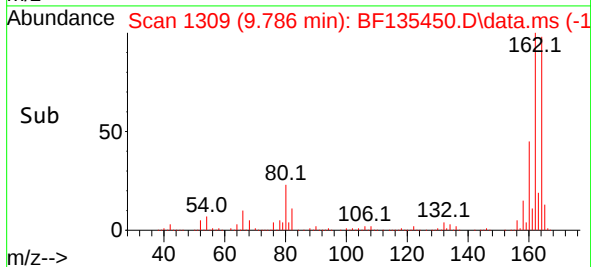
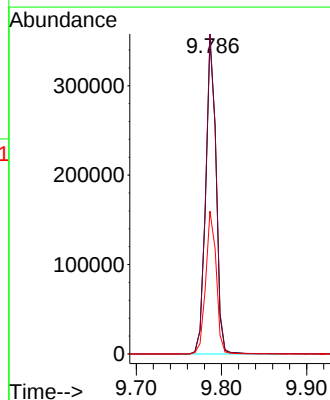
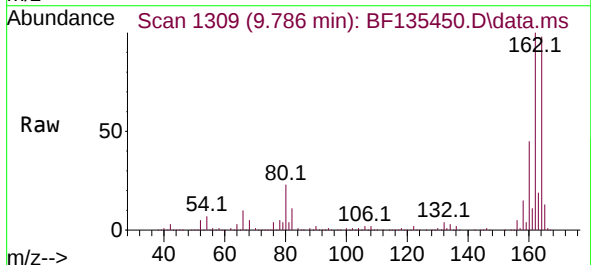
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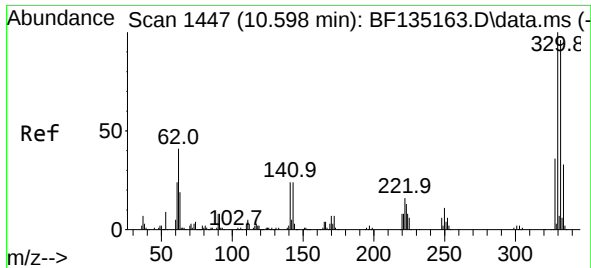
Tgt Ion: 82 Resp: 800706
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:164 Resp: 297754
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.3 37.0 55.4

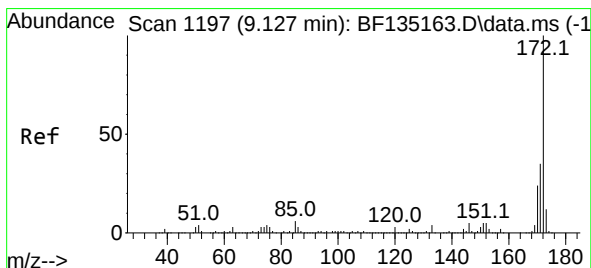
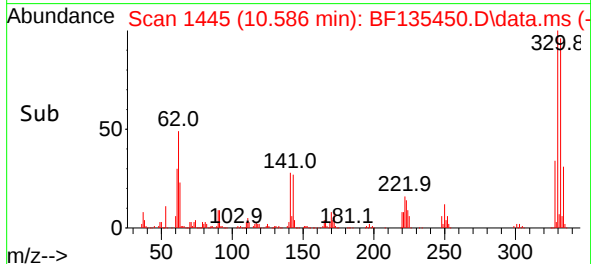
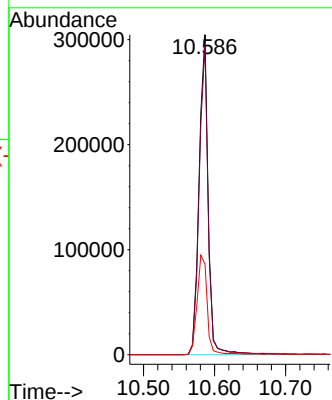
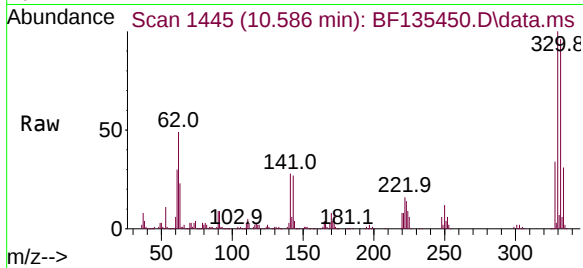




#42
2,4,6-Tribromophenol
Concen: 92.147 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

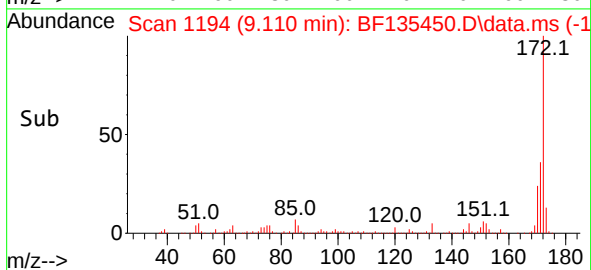
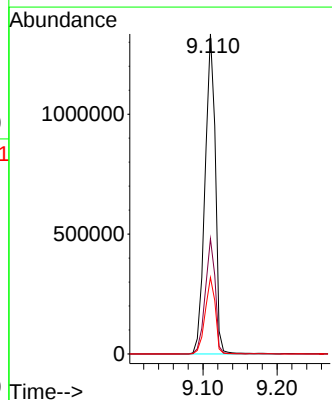
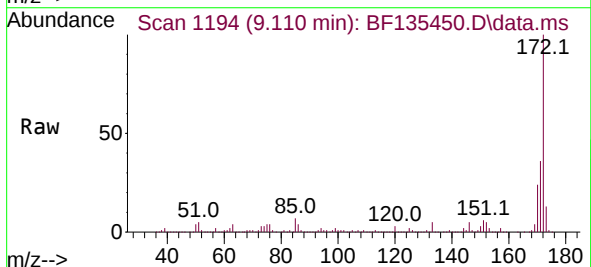
Instrument :
BNA_F
ClientSampleId :
CPT102-06

Tgt Ion:330 Resp: 272658
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.912 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:172 Resp: 1300806
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.0 28.4

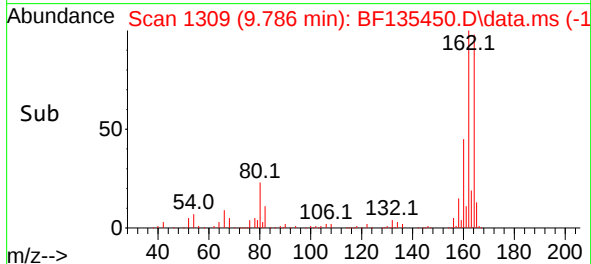
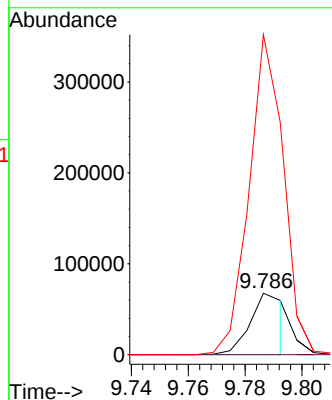
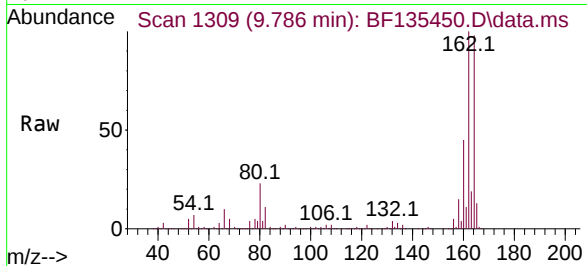




#50
Dimethylphthalate
Concen: 2.784 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.265 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

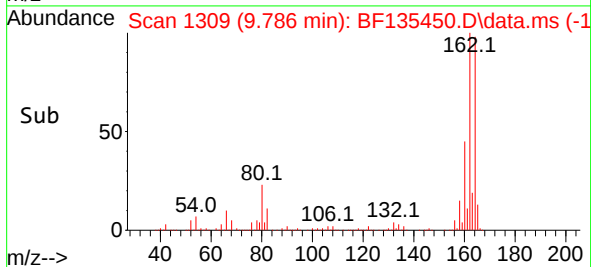
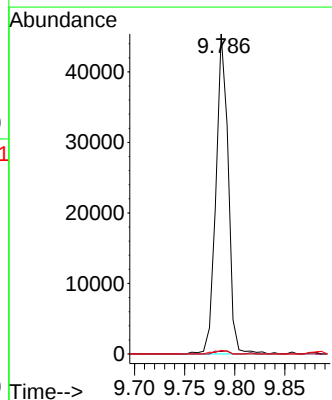
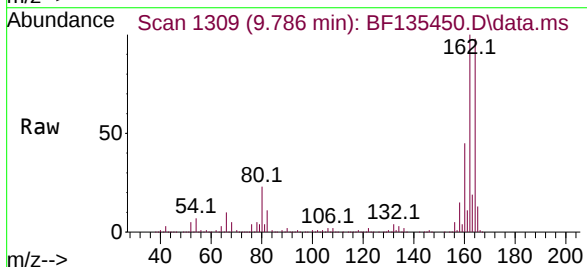
Instrument :
BNA_F
ClientSampleId :
CPT102-06

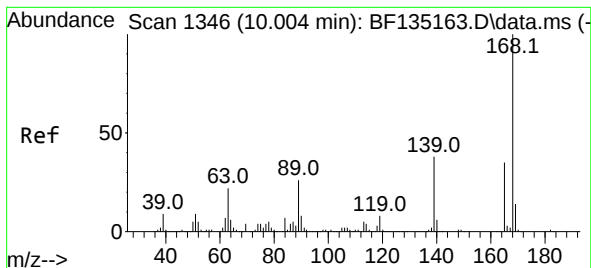
Tgt Ion:163 Resp: 56046
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 520.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:165 Resp: 38779
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.2 49.8 74.8#

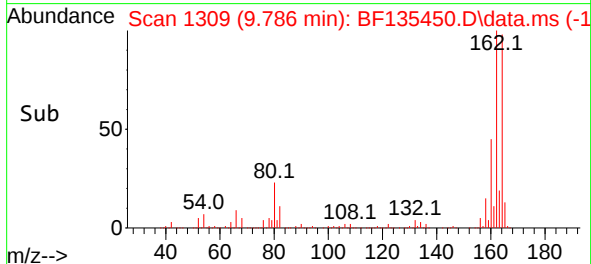
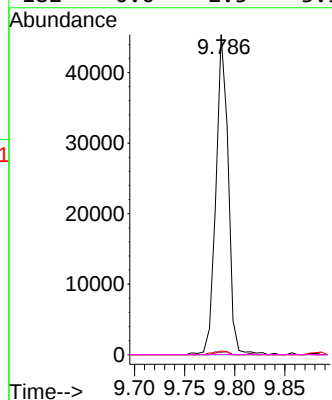
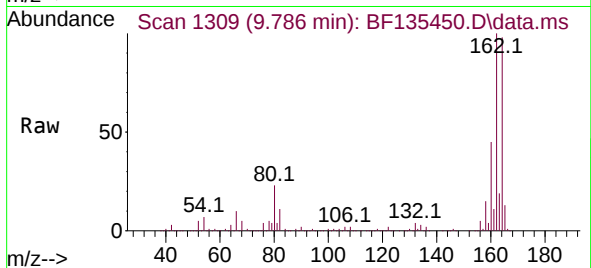




#57
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

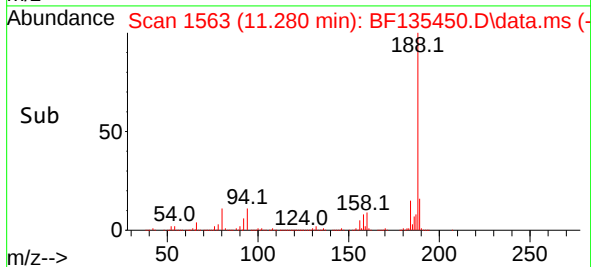
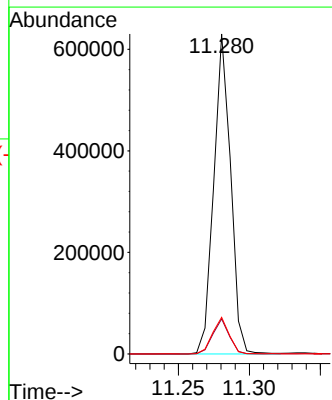
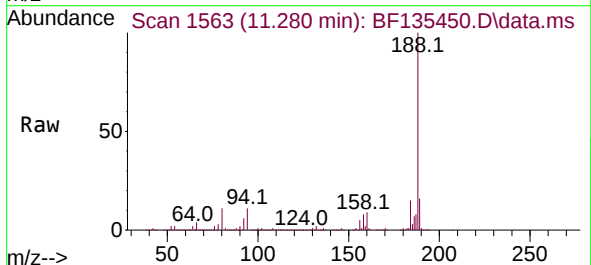
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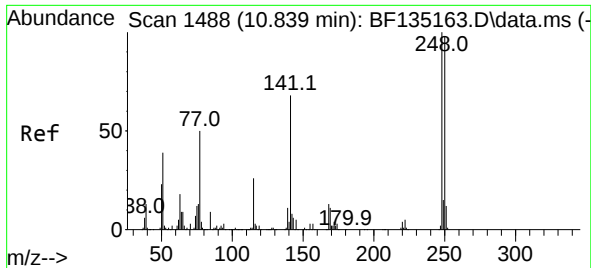
Tgt Ion:165 Resp: 38779
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:188 Resp: 518990
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.5 7.5 11.3#

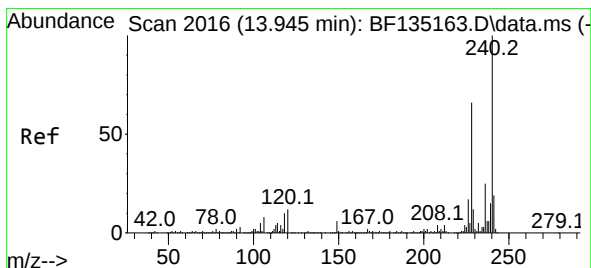
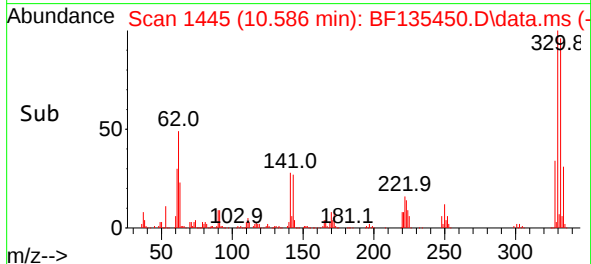
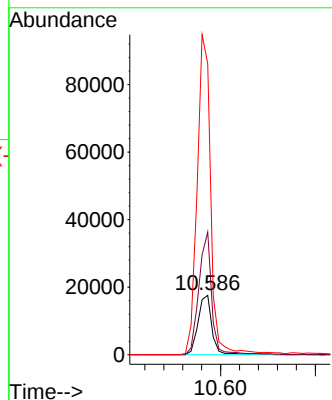
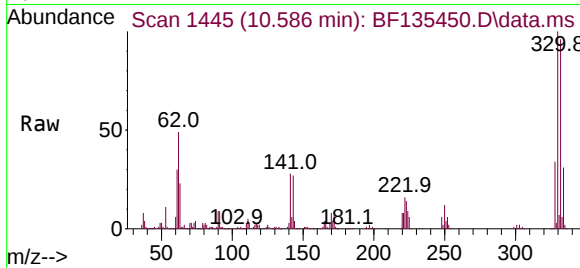




#67
4-Bromophenyl-phenylether
Concen: 3.468 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

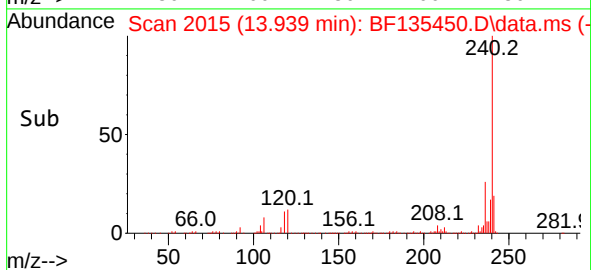
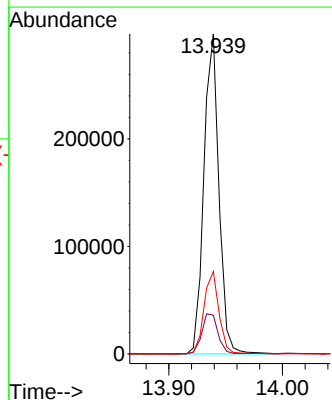
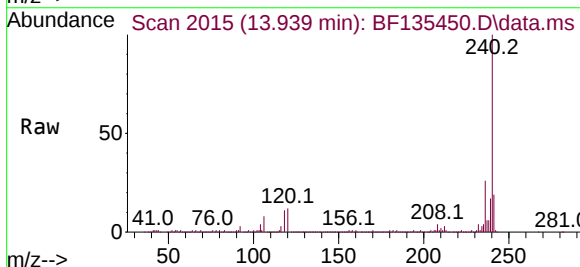
Instrument :
BNA_F
ClientSampleId :
CPT102-06

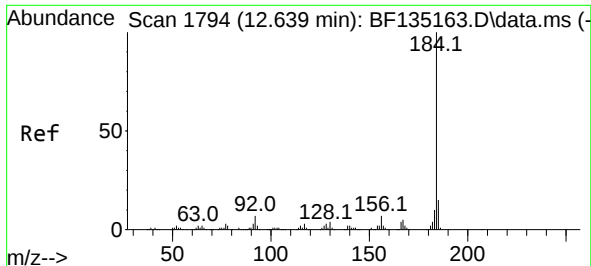
Tgt Ion:248 Resp: 17901
Ion Ratio Lower Upper
248 100
250 206.6 78.6 117.8#
141 490.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:240 Resp: 273872
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.8 19.8 29.8

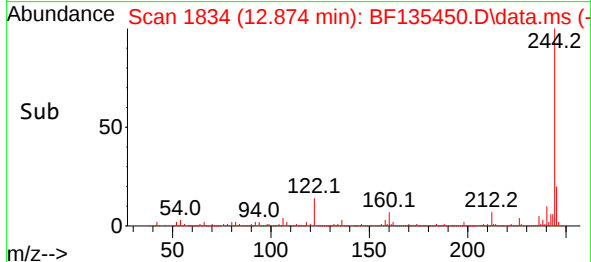
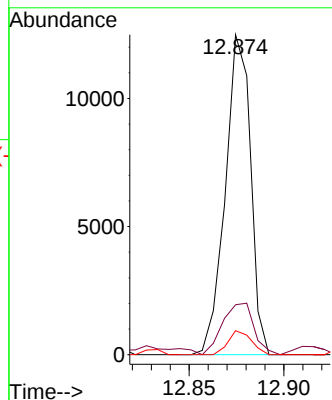
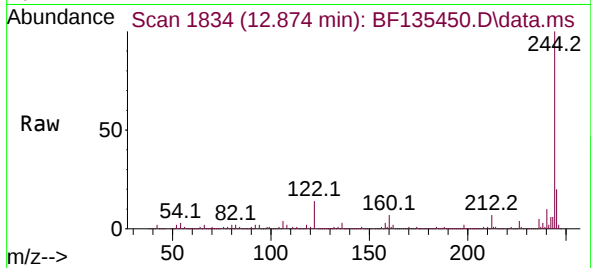




#77
Benzidine
Concen: 2.063 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.241 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

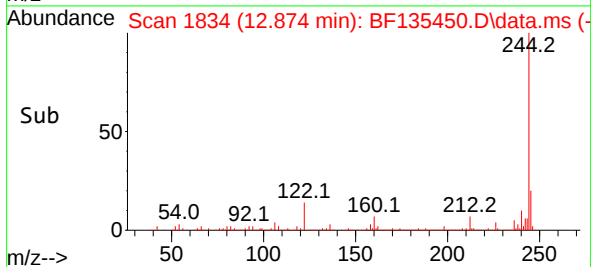
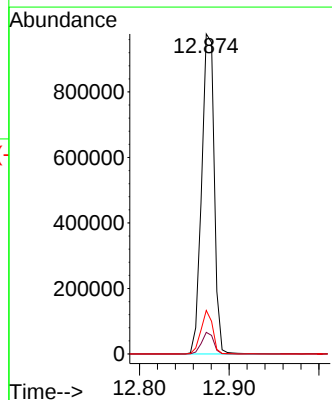
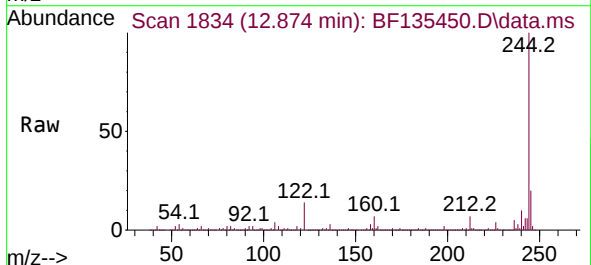
Instrument :
BNA_F
ClientSampleId :
CPT102-06

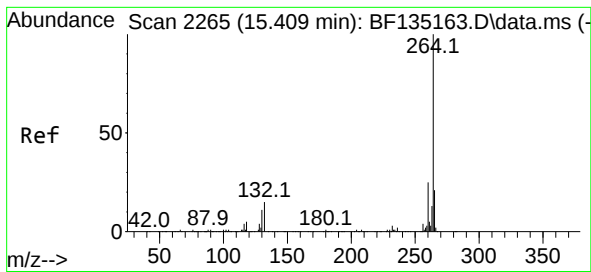
Tgt Ion:184 Resp: 11574
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 7.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 53.788 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF135450.D
Acq: 26 Sep 2023 13:50

Tgt Ion:244 Resp: 950269
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 13.6 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135450.D
 Acq: 26 Sep 2023 13:50

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06

Tgt Ion:264 Resp: 374918
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.8 17.0 25.4

