

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135792.D
 Acq On : 16 Oct 2023 23:26
 Operator : CG\JU
 Sample : 04844-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 01:59:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

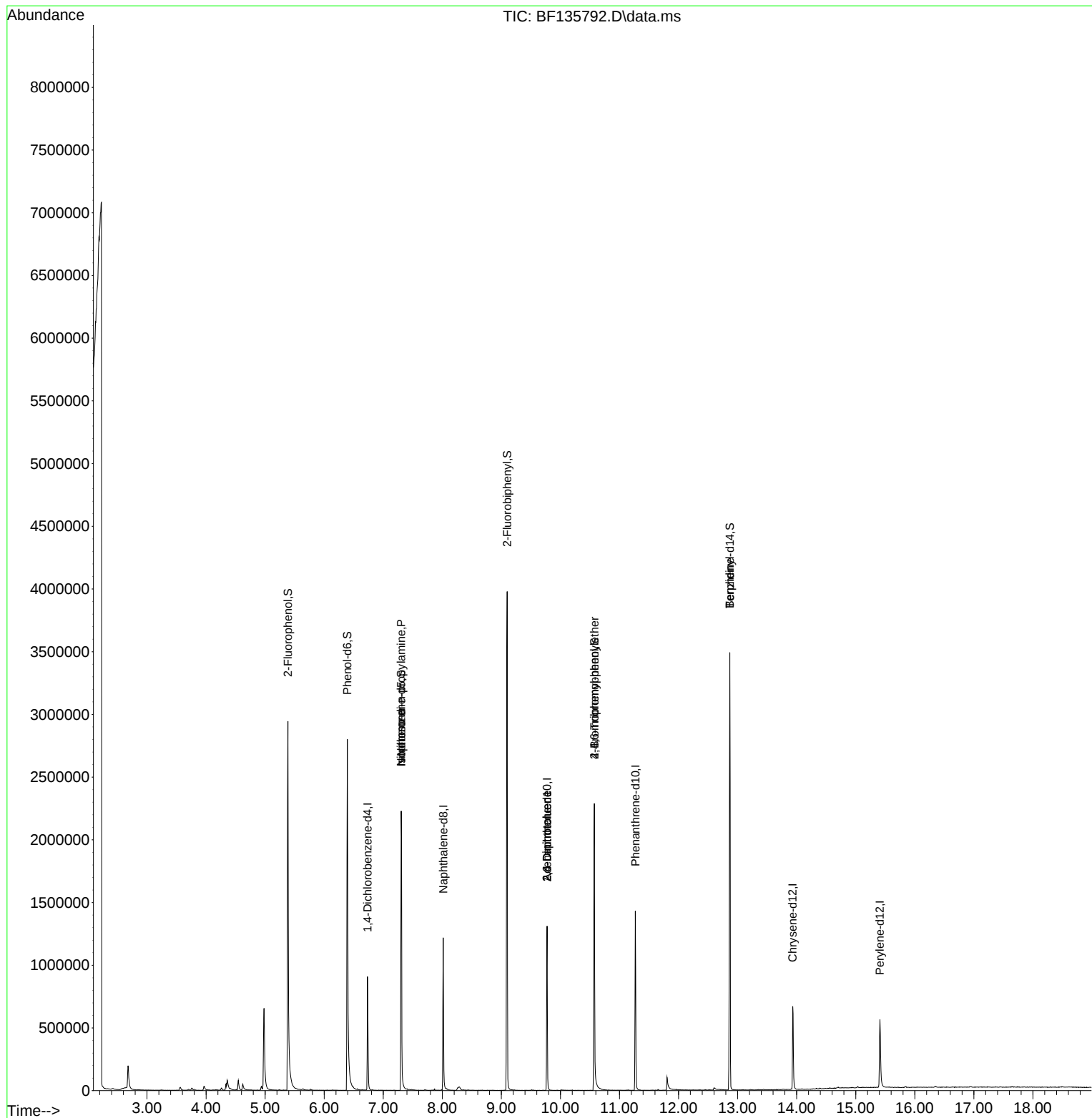
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	131167	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	519551	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	253565	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	519321	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	259039	20.000	ng	-0.02
86) Perylene-d12	15.409	264	291141	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	921960	113.007	ng	0.01
7) Phenol-d6	6.392	99	1076468	105.749	ng	0.00
23) Nitrobenzene-d5	7.304	82	750438	79.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	300201	123.379	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1275444	78.645	ng	0.00
79) Terphenyl-d14	12.868	244	1303264	93.172	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	98316	15.620	ng	# 79
25) Isophorone	7.304	82	750434	42.108	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	32502	8.830	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	32502	6.940	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	19231	3.689	ng	# 1
77) Benzidine	12.868	184	17242	3.050	ng	# 92

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

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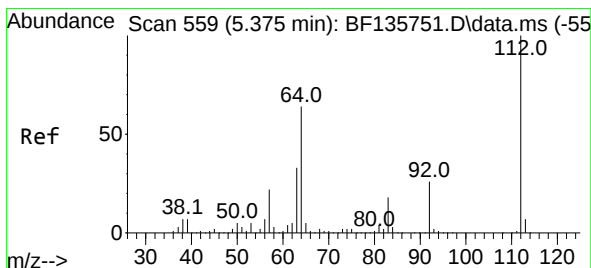
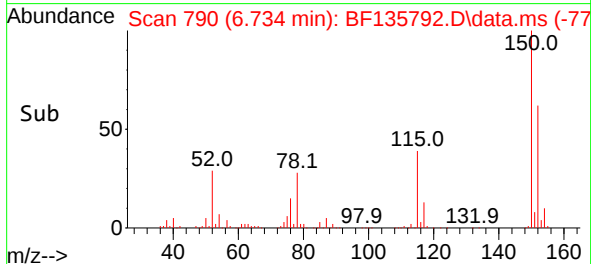
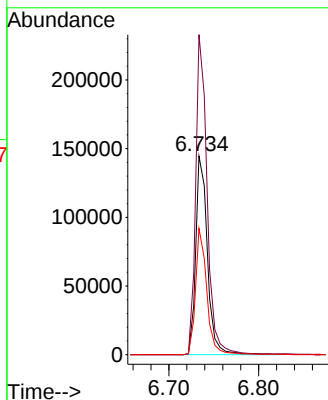
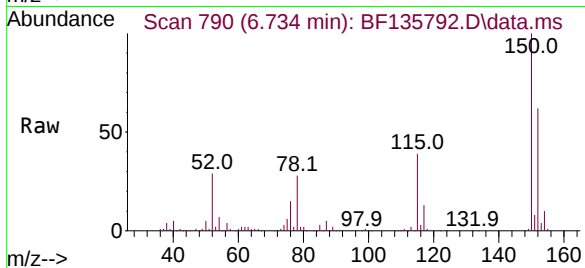




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

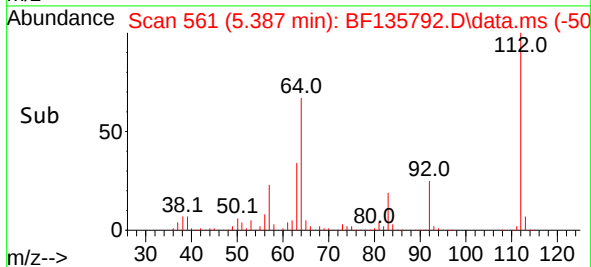
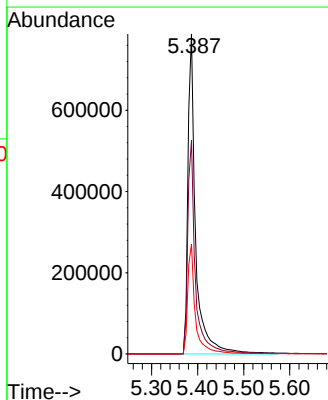
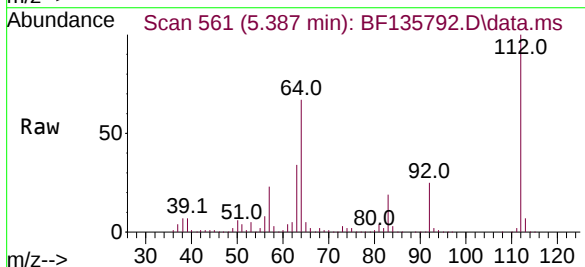
Instrument :
BNA_F
ClientSampleId :

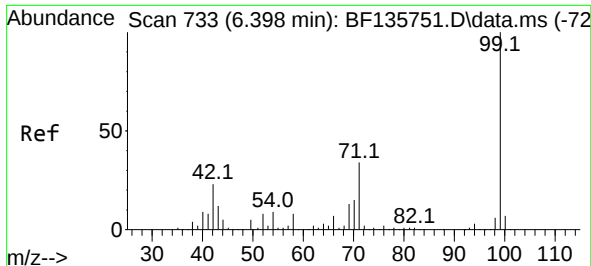
Tgt Ion:152 Resp: 131167
Ion Ratio Lower Upper
152 100
150 161.2 124.5 186.7
115 63.6 49.0 73.4



#5
2-Fluorophenol
Concen: 113.007 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Tgt Ion:112 Resp: 921960
Ion Ratio Lower Upper
112 100
64 66.8 51.2 76.8
63 34.3 26.1 39.1

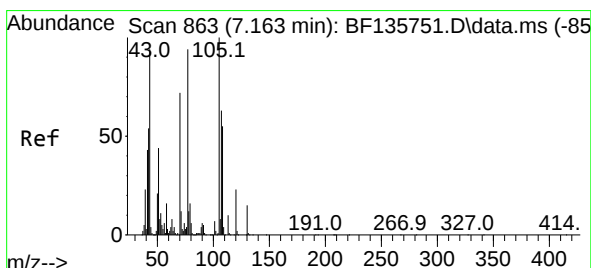
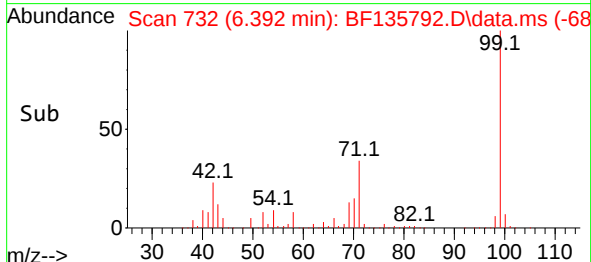
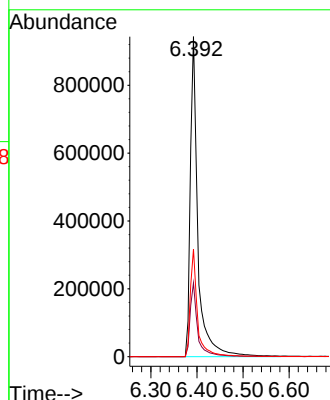
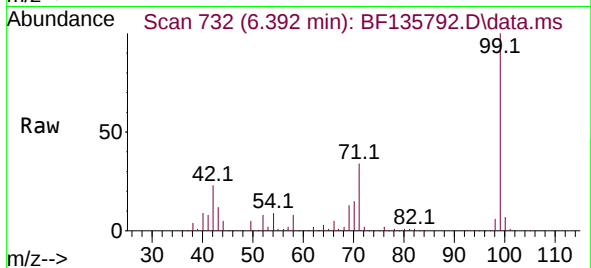




#7
Phenol-d6
Concen: 105.749 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

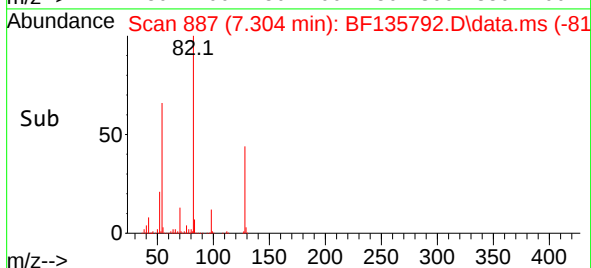
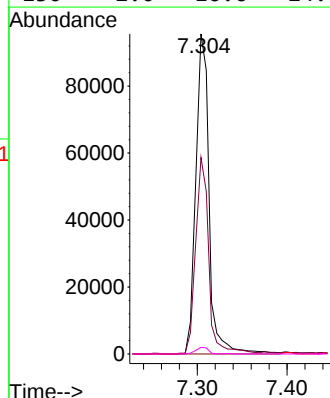
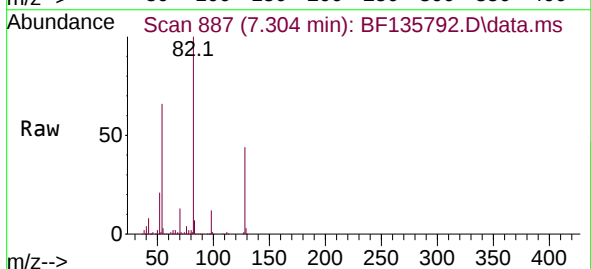
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1076468
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 33.6 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.620 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

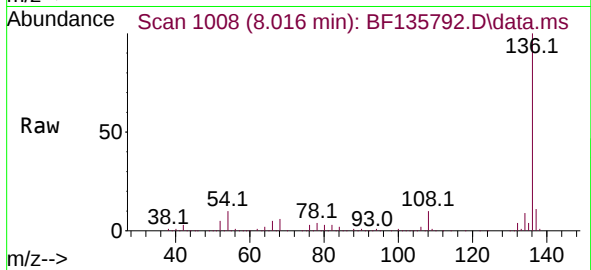
Tgt Ion: 70 Resp: 98316
Ion Ratio Lower Upper
70 100
42 61.4 59.8 89.6
101 0.0 7.4 11.2#
130 2.0 16.6 24.8#



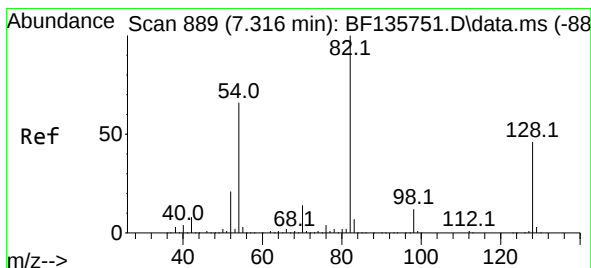
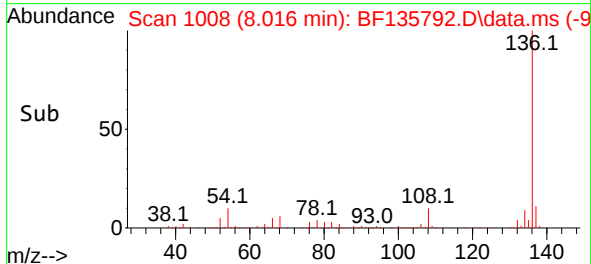
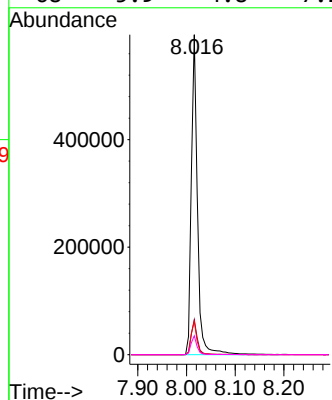


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Instrument :
BNA_F
ClientSampleId :

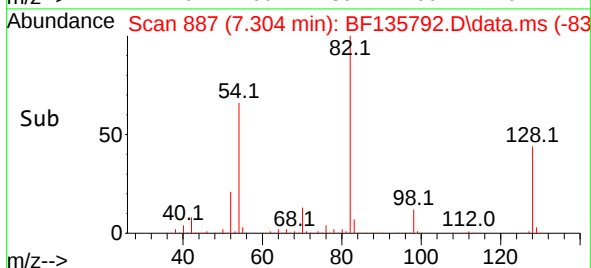
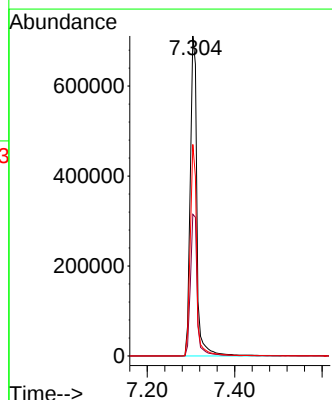
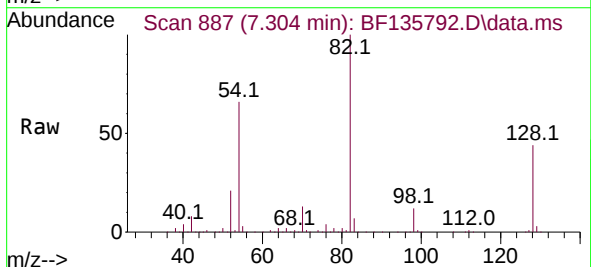


Tgt Ion:136 Resp: 519551
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.4 8.5 12.7
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 79.441 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

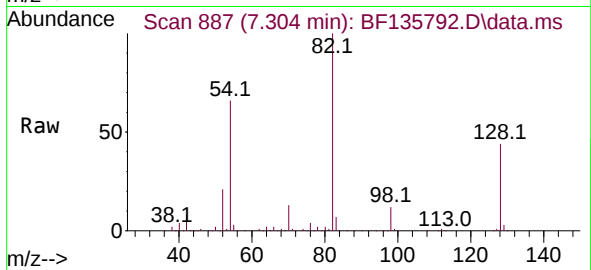
Tgt Ion: 82 Resp: 750438
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.6
54 66.1 52.8 79.2



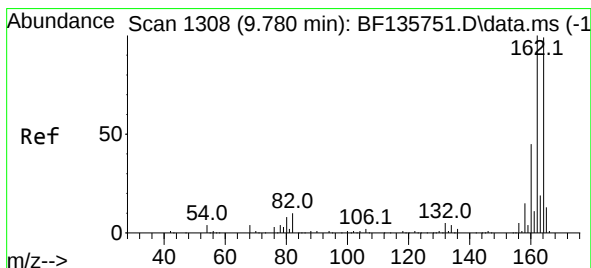
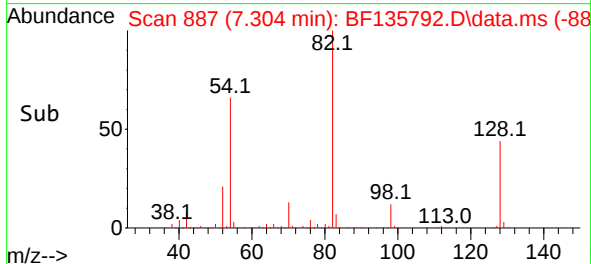
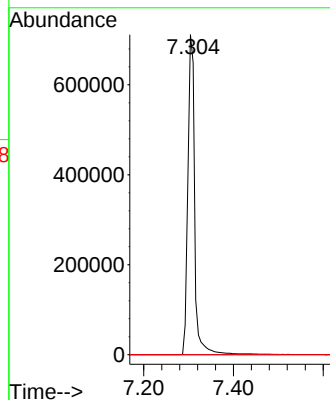


#25
Isophorone
Concen: 42.108 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Instrument :
BNA_F
ClientSampleId :

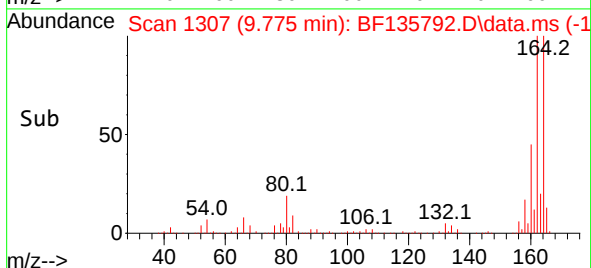
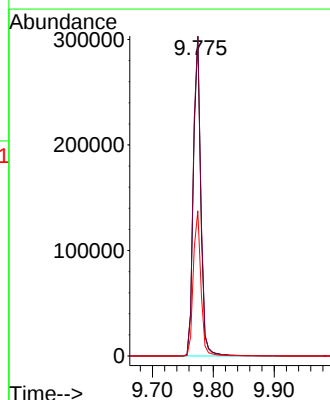
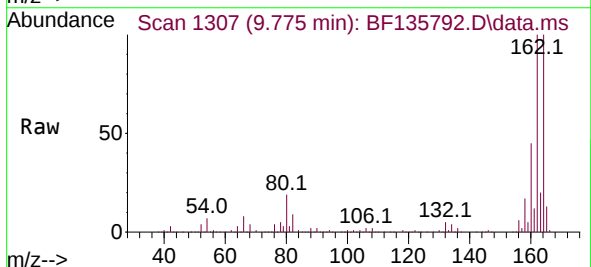


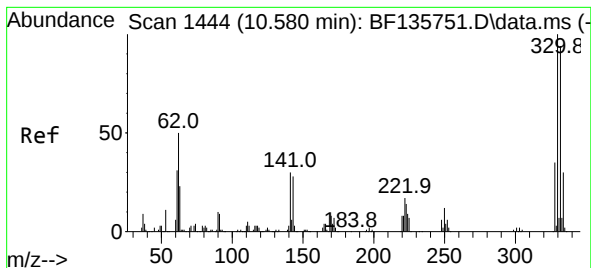
Tgt Ion: 82 Resp: 750434
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

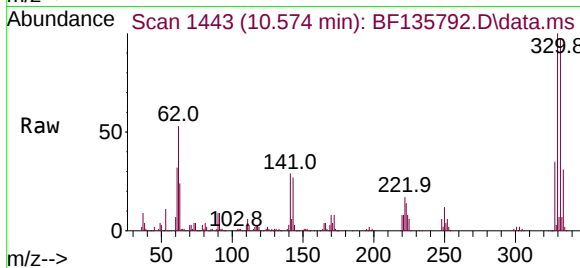
Tgt Ion: 164 Resp: 253565
Ion Ratio Lower Upper
164 100
162 100.3 80.8 121.2
160 45.5 36.6 54.8



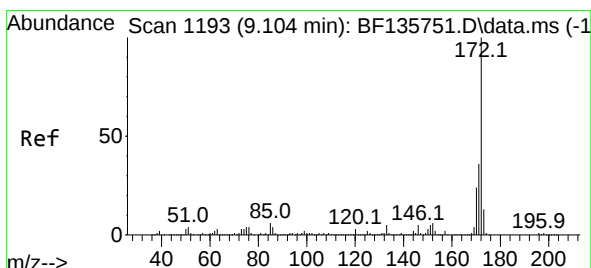
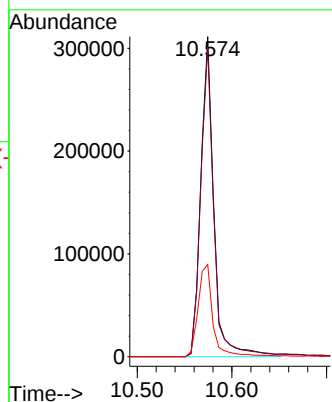
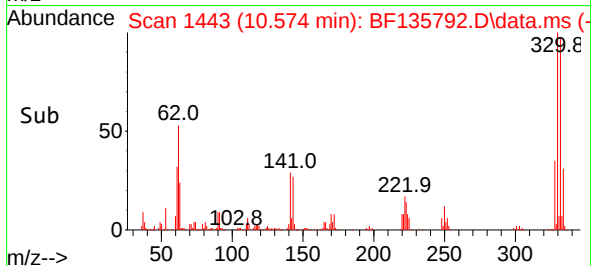


#42
2,4,6-Tribromophenol
Concen: 123.379 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Instrument :
BNA_F
ClientSampleId :

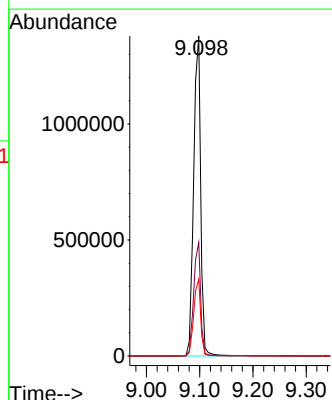
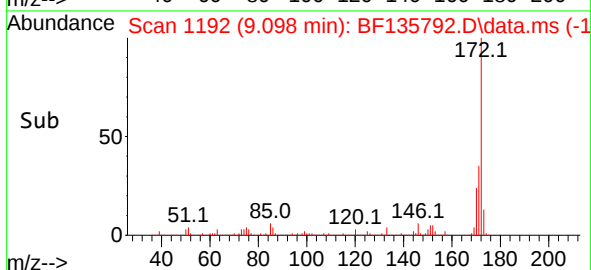
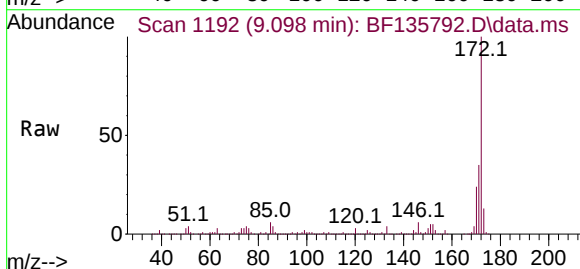


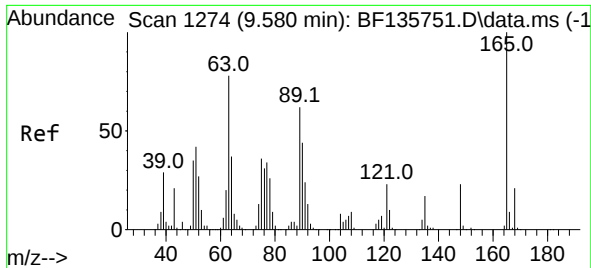
Tgt Ion:330 Resp: 300201
Ion Ratio Lower Upper
330 100
332 98.3 75.0 112.4
141 32.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 78.645 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Tgt Ion:172 Resp: 1275444
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.0 18.8 28.2

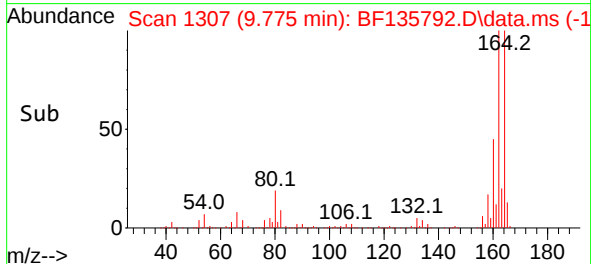
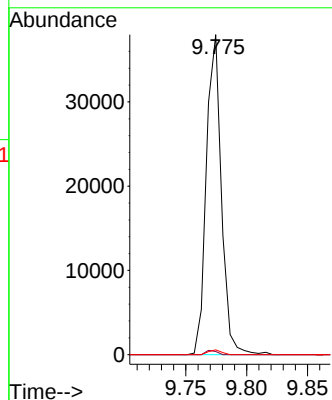
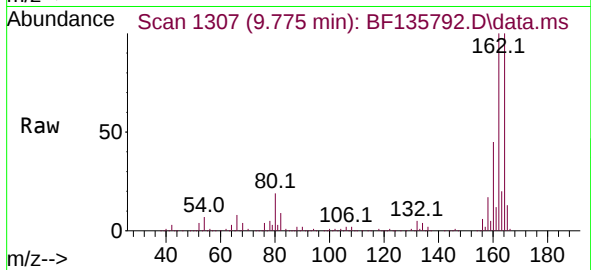




#51
2,6-Dinitrotoluene
Concen: 8.830 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

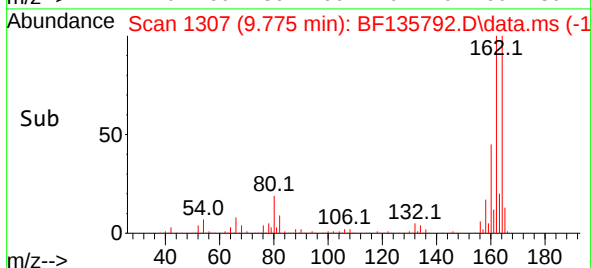
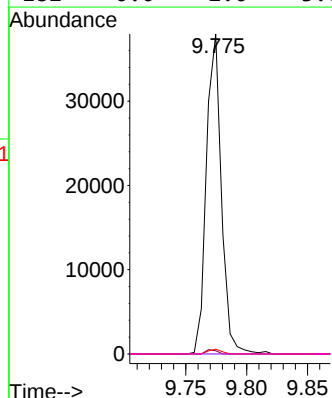
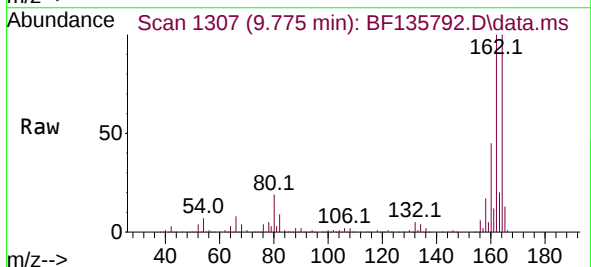
Instrument :
BNA_F
ClientSampleId :

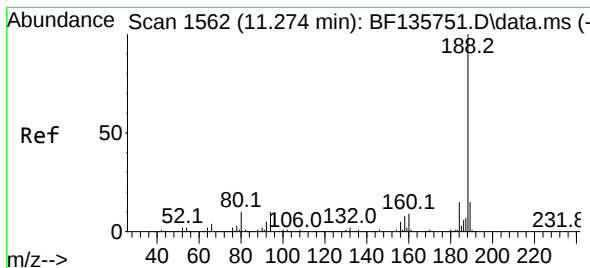
Tgt Ion:165 Resp: 32502
Ion Ratio Lower Upper
165 100
63 1.0 62.2 93.4#
89 1.5 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.940 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135792.D
Acq: 16 Oct 2023 23:26

Tgt Ion:165 Resp: 32502
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.4#
89 1.5 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135792.D

Acq: 16 Oct 2023 23:26

Instrument :

BNA_F

ClientSampleId :

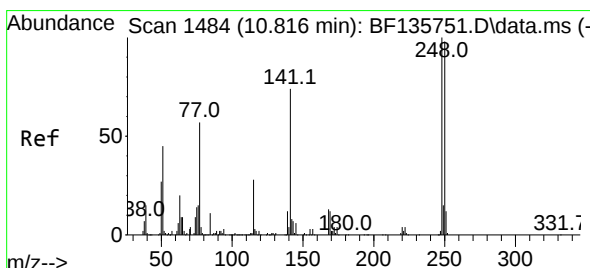
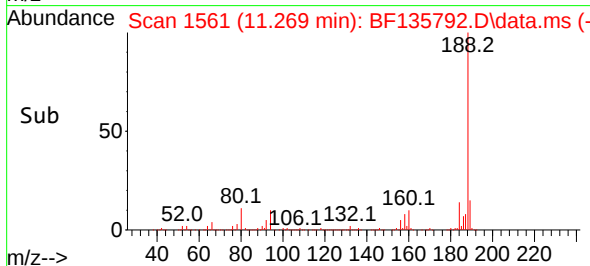
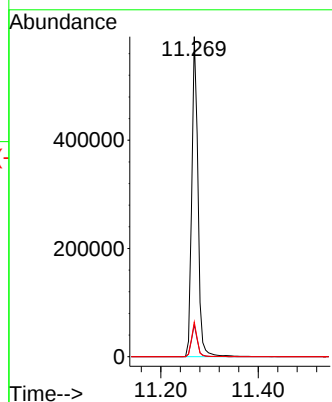
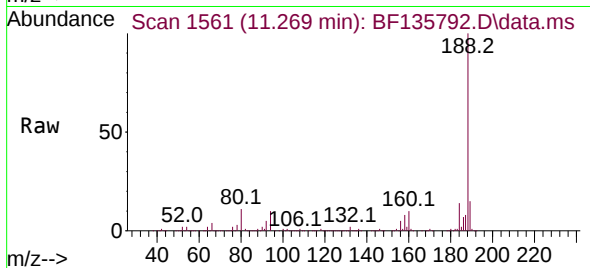
Tgt Ion:188 Resp: 519321

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

80 10.8 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 3.689 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135792.D

Acq: 16 Oct 2023 23:26

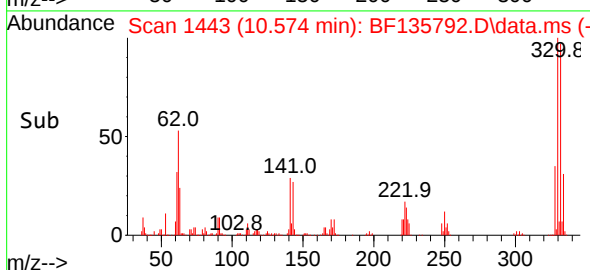
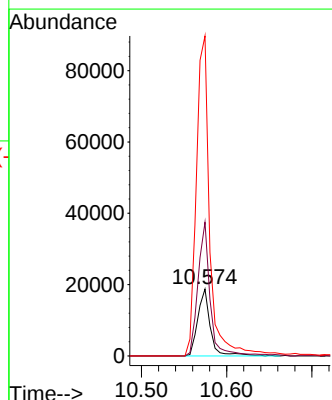
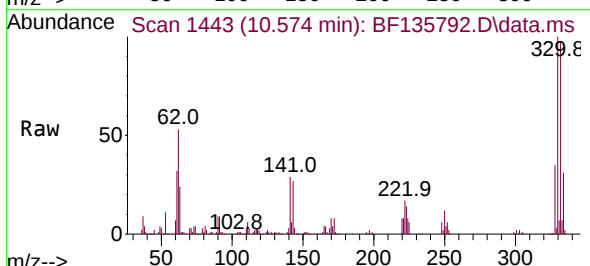
Tgt Ion:248 Resp: 19231

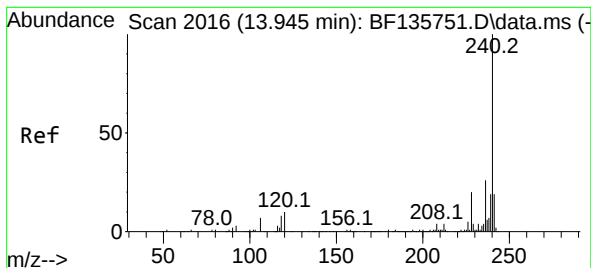
Ion Ratio Lower Upper

248 100

250 199.9 78.0 117.0#

141 478.0 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF135792.D

Acq: 16 Oct 2023 23:26

Instrument :

BNA_F

ClientSampleId :

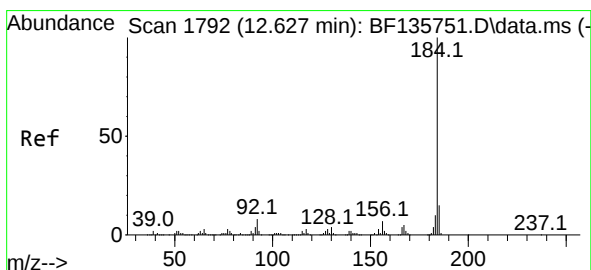
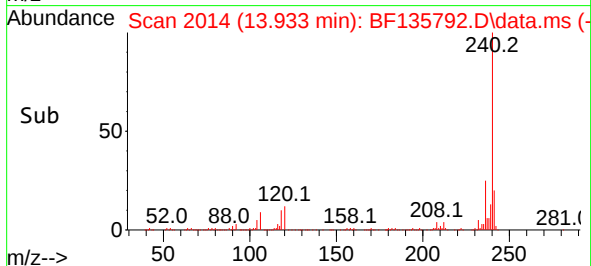
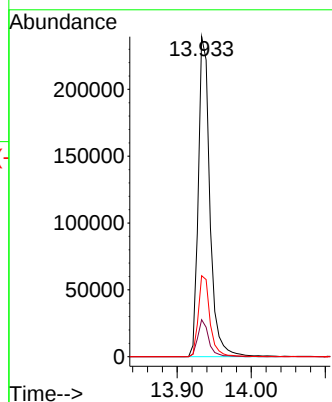
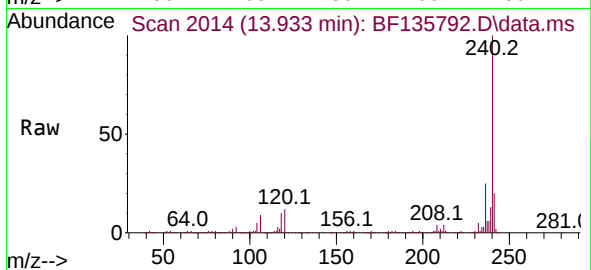
Tgt Ion:240 Resp: 259039

Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

236 25.3 21.2 31.8



#77

Benzidine

Concen: 3.050 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135792.D

Acq: 16 Oct 2023 23:26

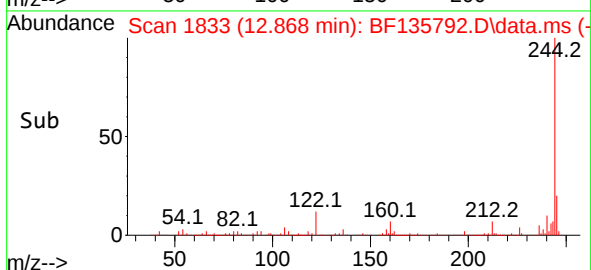
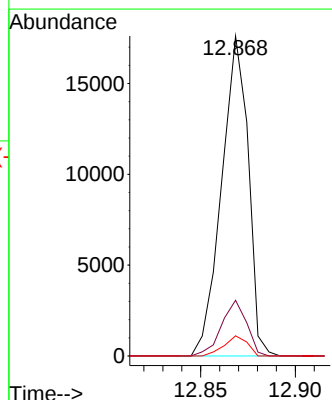
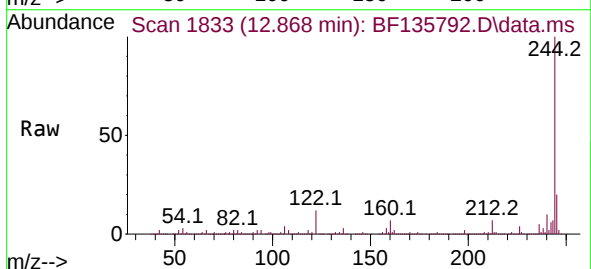
Tgt Ion:184 Resp: 17242

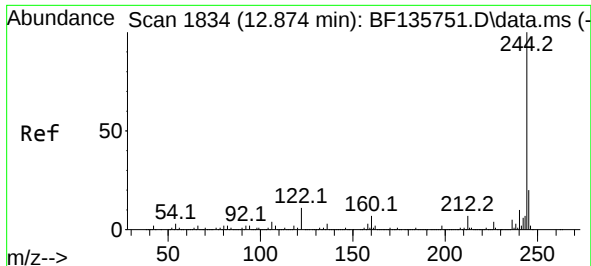
Ion Ratio Lower Upper

184 100

185 17.4 12.0 18.0

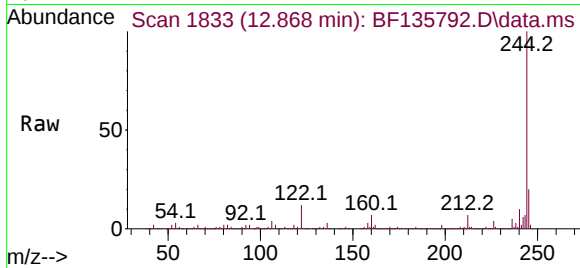
183 6.3 8.2 12.2#



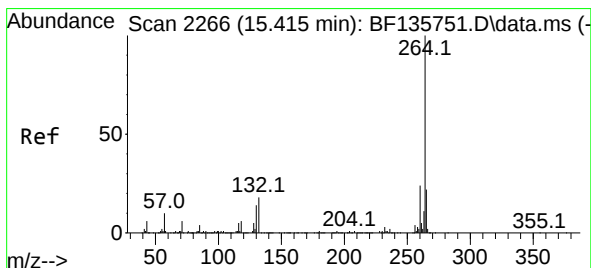
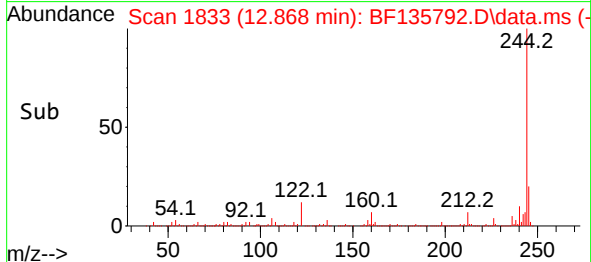
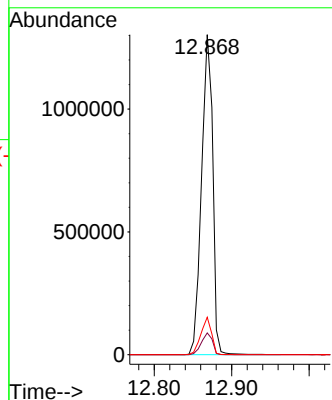


#79
 Terphenyl-d14
 Concen: 93.172 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1303264
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135792.D
 Acq: 16 Oct 2023 23:26

Tgt Ion:264 Resp: 291141
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.4 17.4 26.2

