

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135011.D
 Acq On : 30 Aug 2023 18:27
 Operator : CG\JU
 Sample : PB155120BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BL

Quant Time: Aug 31 05:32:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

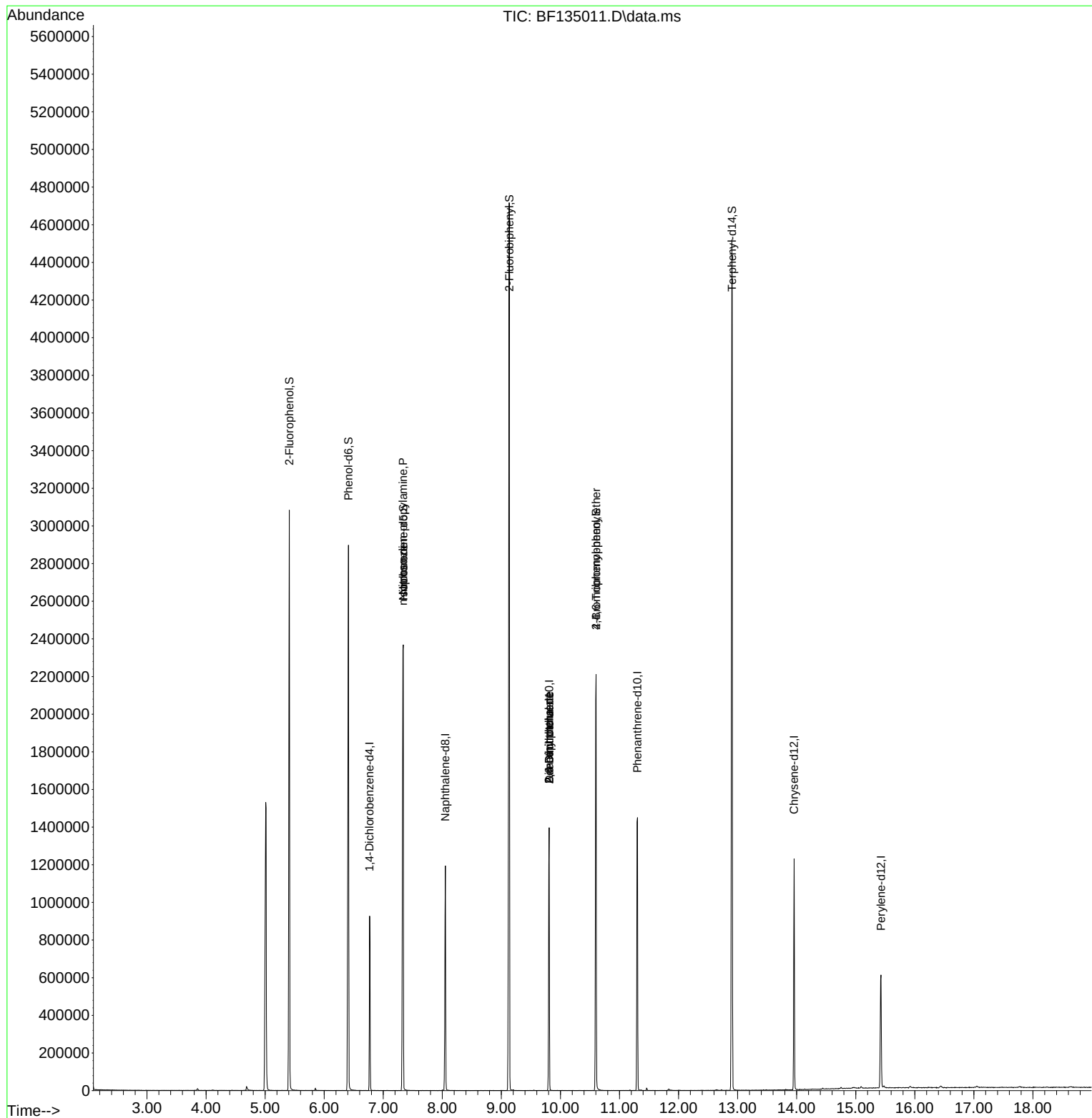
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	129342	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	538404	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	284711	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	554145	20.000	ng	0.00
76) Chrysene-d12	13.957	240	371416	20.000	ng	0.00
86) Perylene-d12	15.427	264	282852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	810990	96.849	ng	0.01
7) Phenol-d6	6.410	99	979488	93.845	ng	0.00
23) Nitrobenzene-d5	7.339	82	922093	96.217	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	281586	93.235	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1597668	91.362	ng	0.00
79) Terphenyl-d14	12.904	244	1873356	82.310	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	125020	20.165	ng	# 79
25) Isophorone	7.339	82	920443	50.657	ng	# 65
50) Dimethylphthalate	9.810	163	58826	2.951	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	36532	8.351	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	36532	6.701	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	18155	3.089	ng	# 1

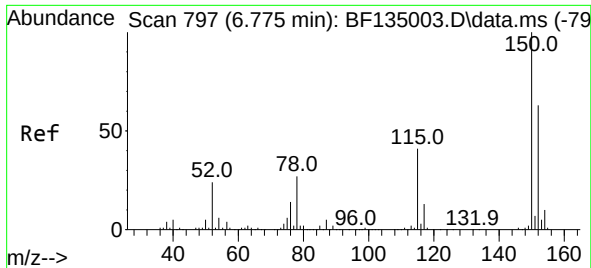
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135011.D
Acq On : 30 Aug 2023 18:27
Operator : CG\JU
Sample : PB155120BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155120BL

Quant Time: Aug 31 05:32:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

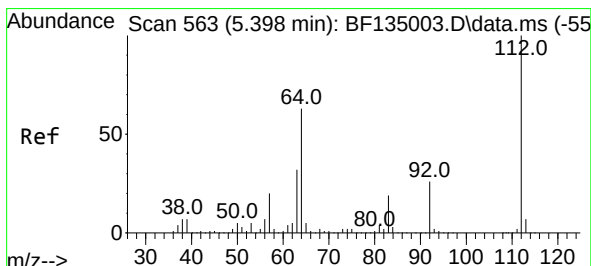
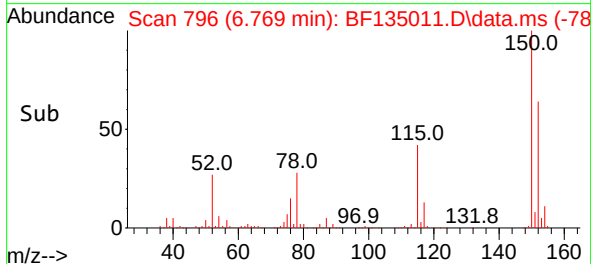
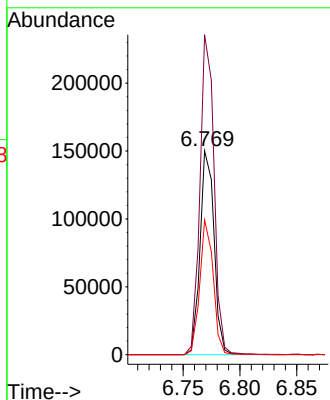
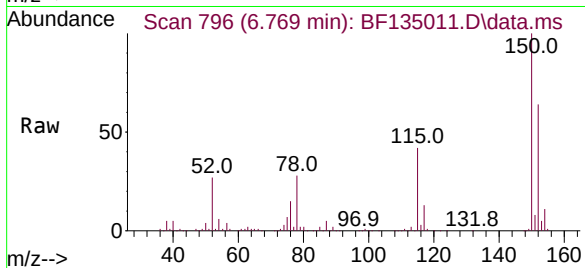




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135011.D
 Acq: 30 Aug 2023 18:27

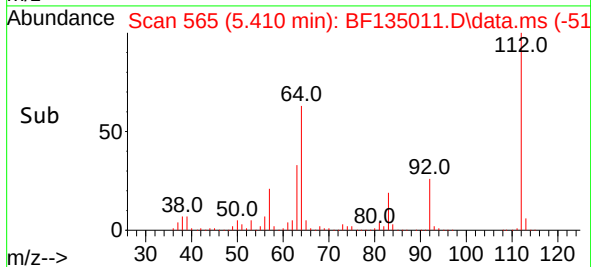
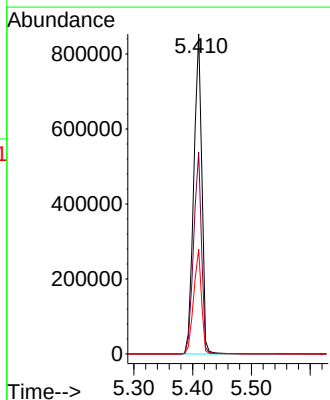
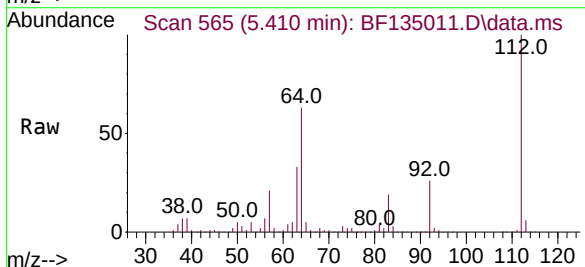
Instrument :
 BNA_F
 ClientSampleId :
 PB155120BL

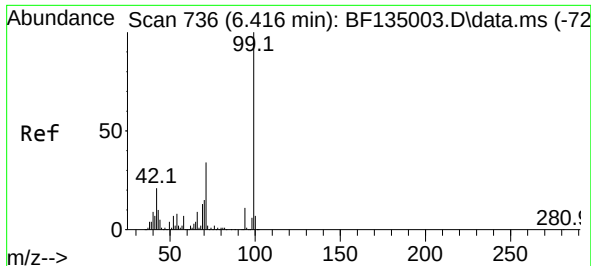
Tgt Ion:152 Resp: 129342
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.4
 115 66.1 51.2 76.8



#5
 2-Fluorophenol
 Concen: 96.849 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF135011.D
 Acq: 30 Aug 2023 18:27

Tgt Ion:112 Resp: 810990
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.5 75.7
 63 32.7 25.9 38.9

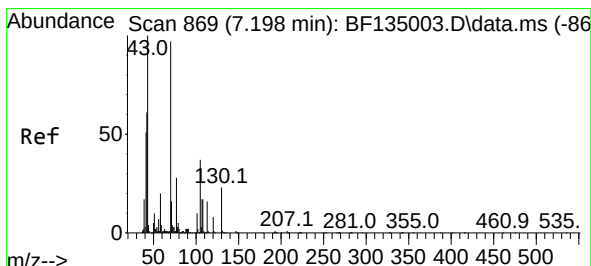
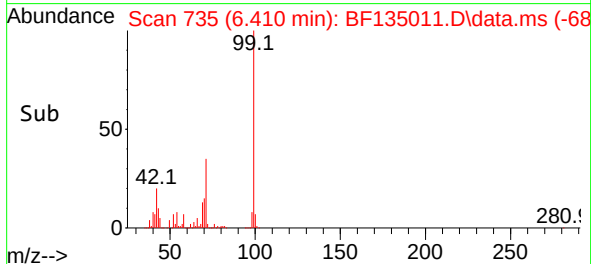
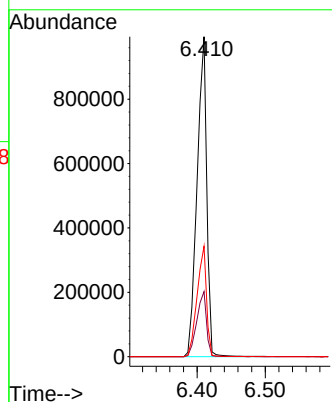
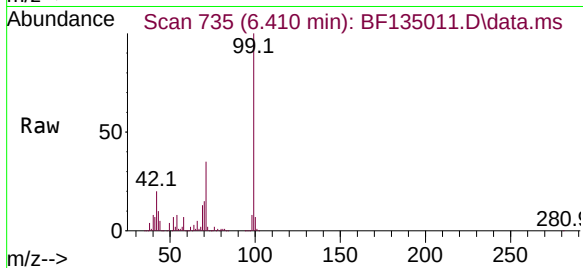




#7
Phenol-d6
Concen: 93.845 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

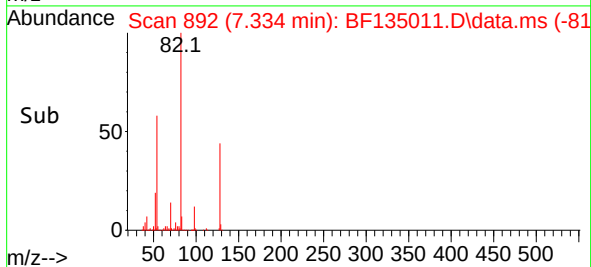
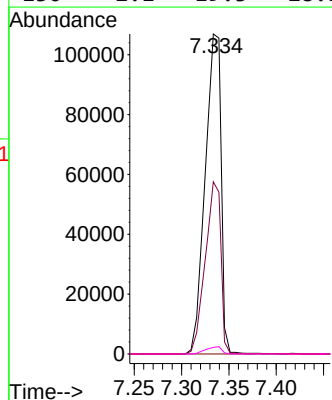
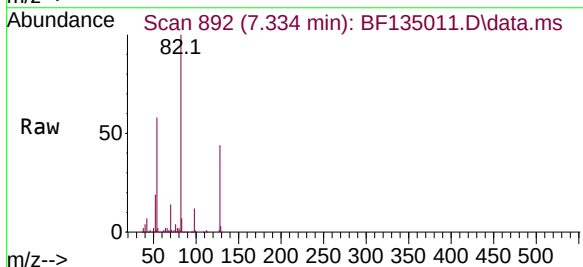
Instrument :
BNA_F
ClientSampleId :
PB155120BL

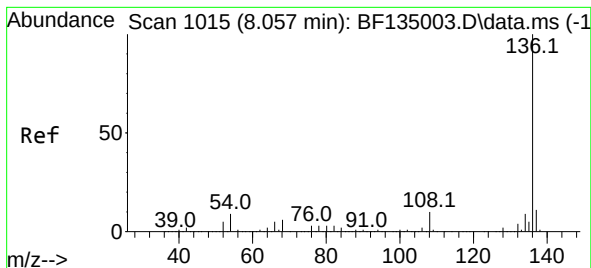
Tgt Ion: 99 Resp: 979488
Ion Ratio Lower Upper
99 100
42 20.4 16.6 25.0
71 34.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.165 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Tgt Ion: 70 Resp: 125020
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB155120BL

Tgt Ion:136 Resp: 538404

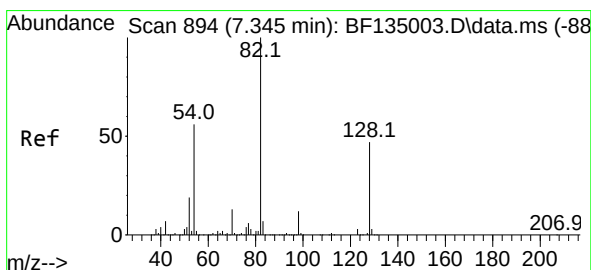
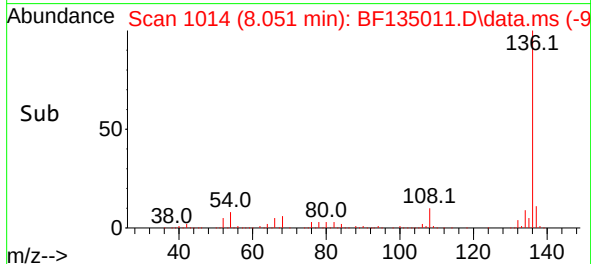
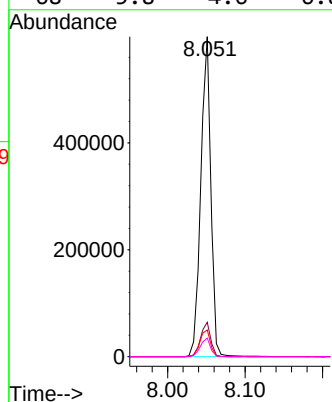
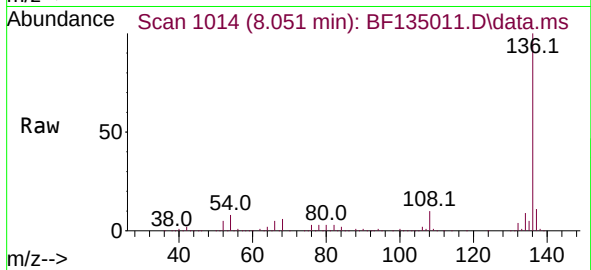
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.4 7.0 10.4

68 5.8 4.6 6.8



#23

Nitrobenzene-d5

Concen: 96.217 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

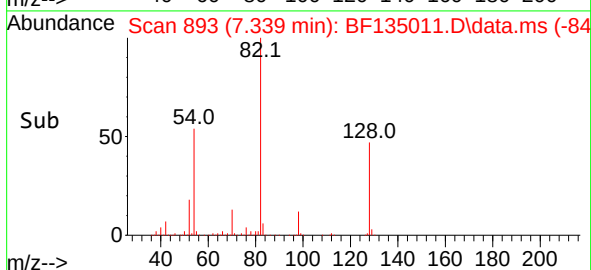
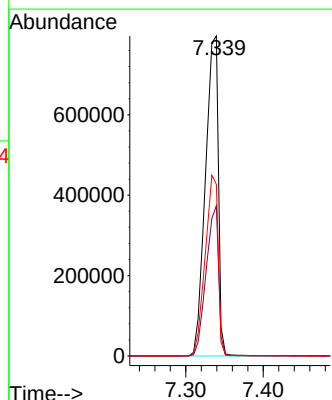
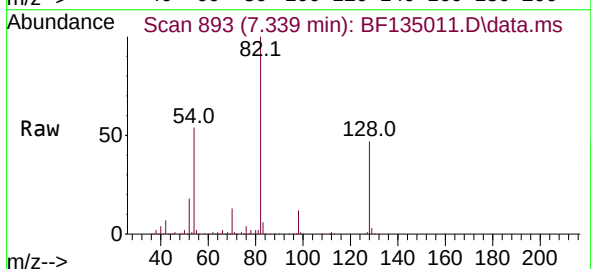
Tgt Ion: 82 Resp: 922093

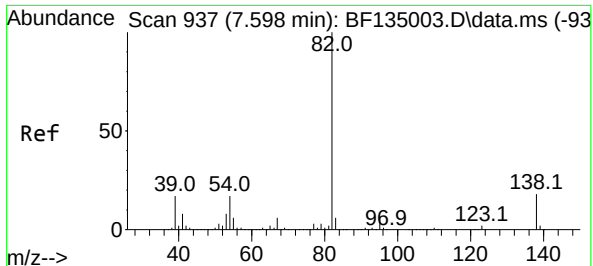
Ion Ratio Lower Upper

82 100

128 46.9 37.8 56.8

54 53.7 45.0 67.6

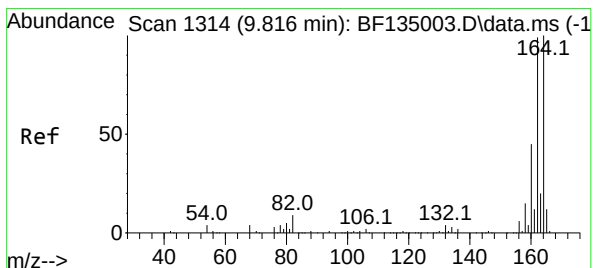
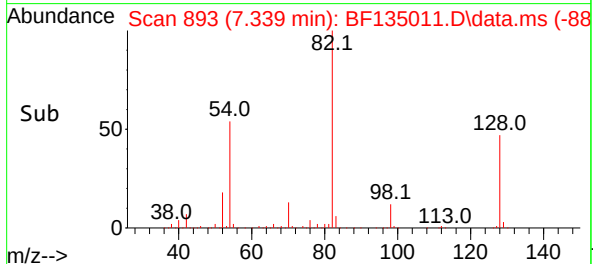
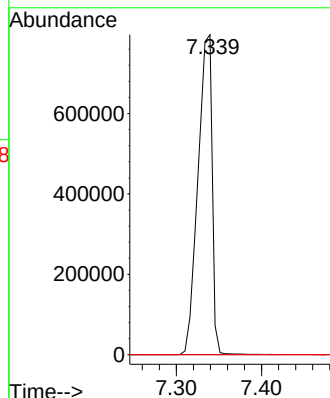
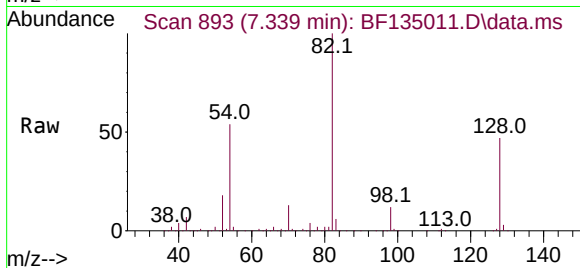




#25
Isophorone
Concen: 50.657 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

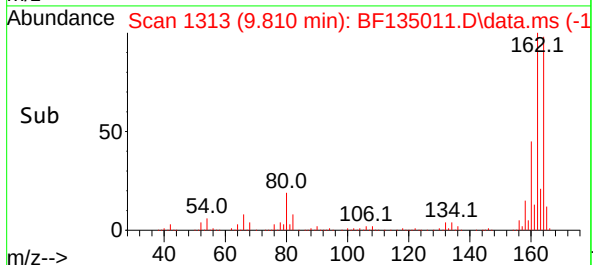
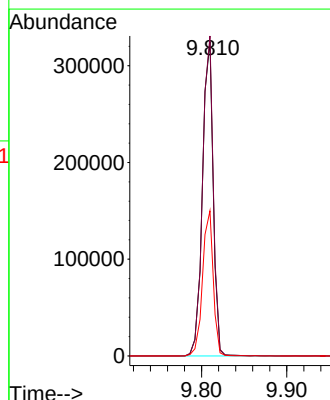
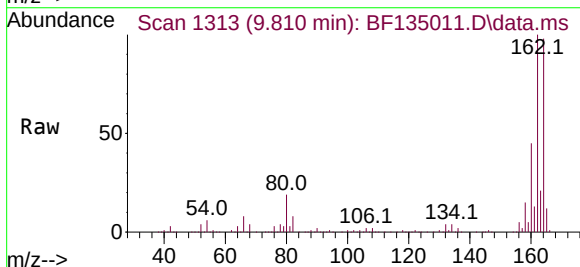
Instrument :
BNA_F
ClientSampleId :
PB155120BL

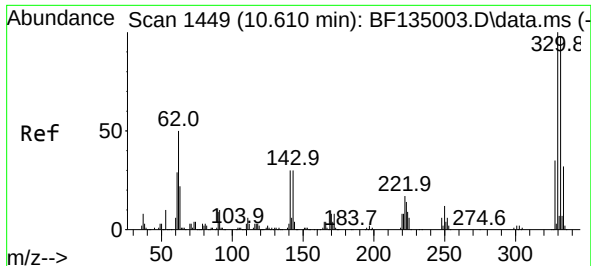
Tgt Ion: 82 Resp: 920443
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Tgt Ion: 164 Resp: 284711
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 46.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.235 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB155120BL

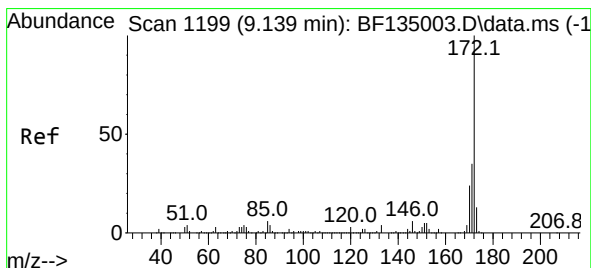
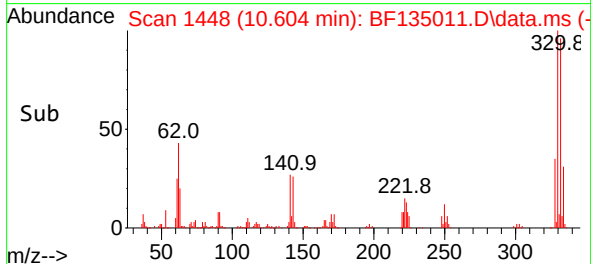
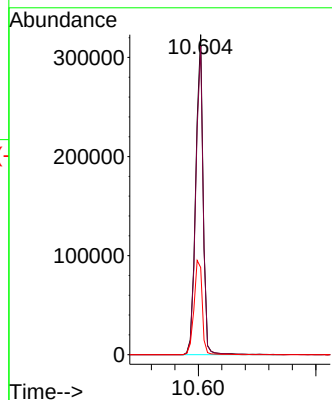
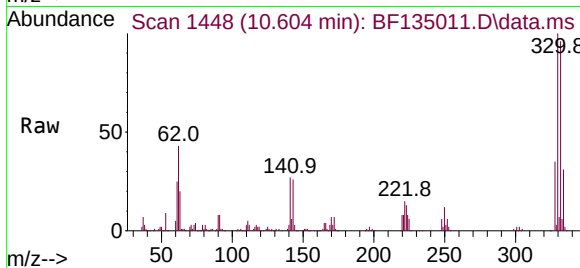
Tgt Ion:330 Resp: 281586

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 91.362 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135011.D

Acq: 30 Aug 2023 18:27

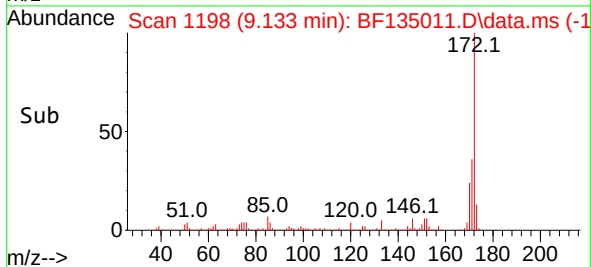
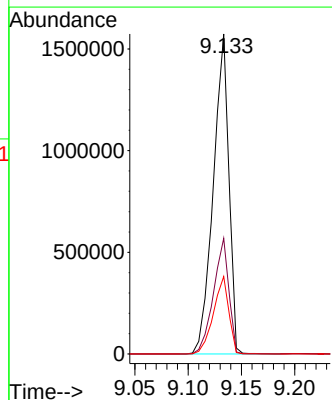
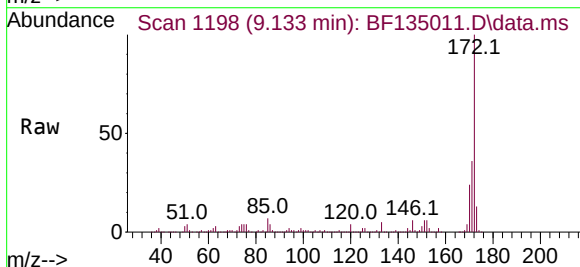
Tgt Ion:172 Resp: 1597668

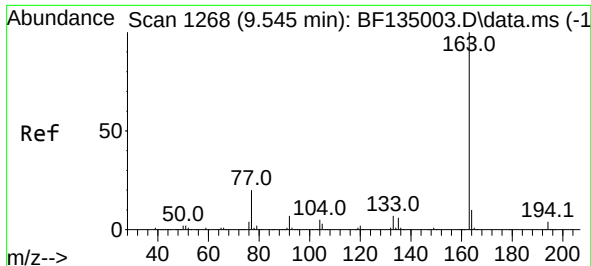
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 24.2 19.0 28.4

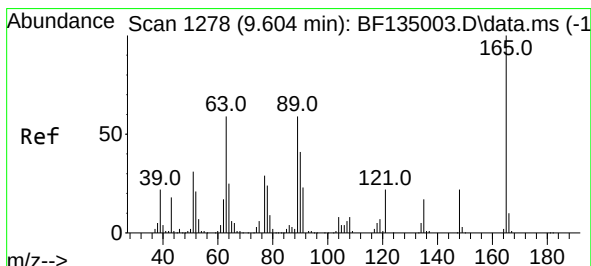
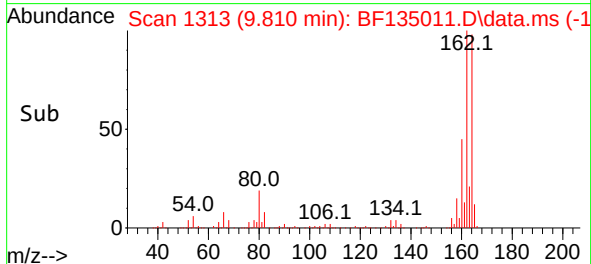
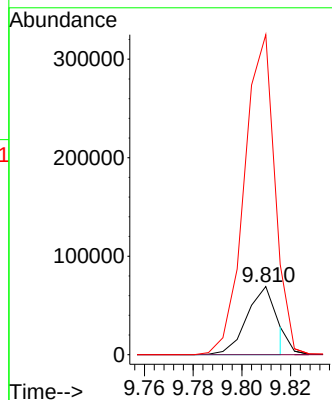
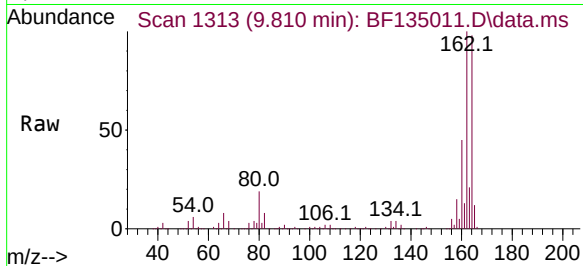




#50
Dimethylphthalate
Concen: 2.951 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

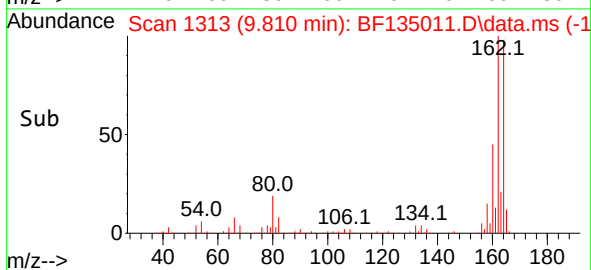
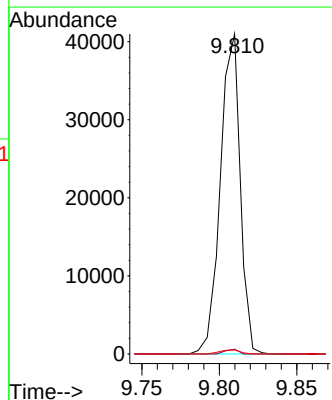
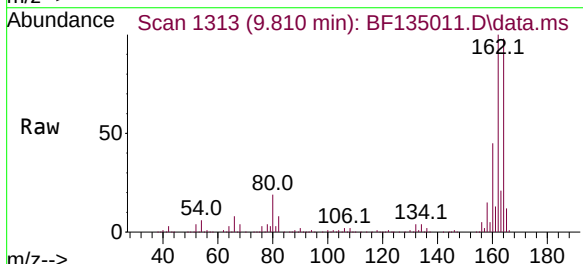
Instrument :
BNA_F
ClientSampleId :
PB155120BL

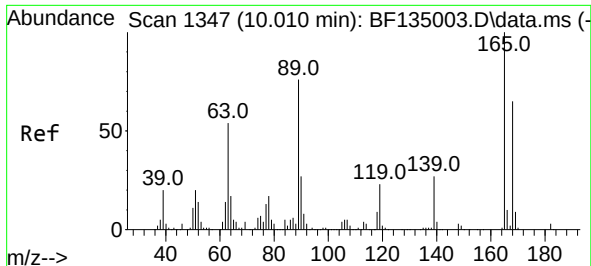
Tgt Ion:163 Resp: 58826
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 469.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

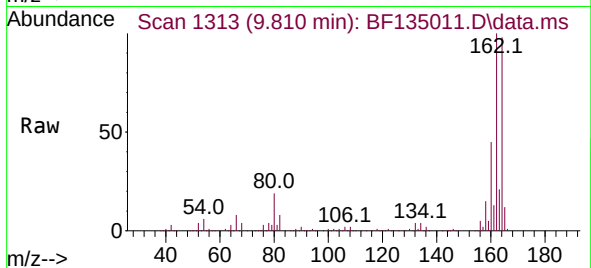
Tgt Ion:165 Resp: 36532
Ion Ratio Lower Upper
165 100
63 1.5 50.4 75.6#
89 1.2 47.1 70.7#



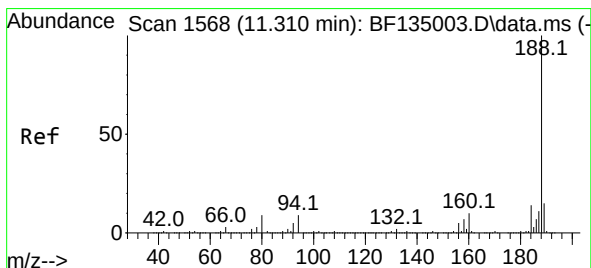
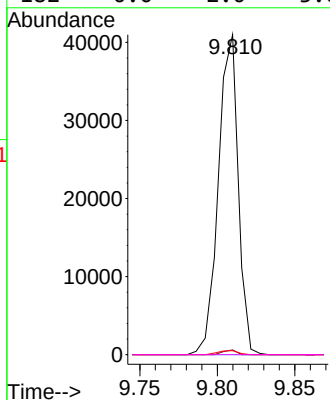
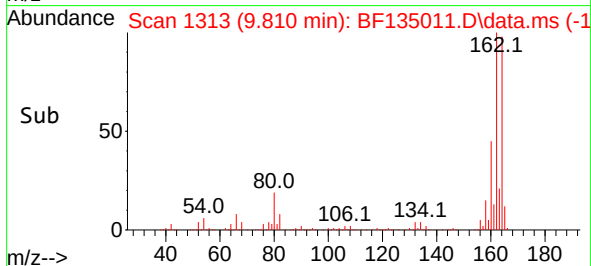


#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB155120BL

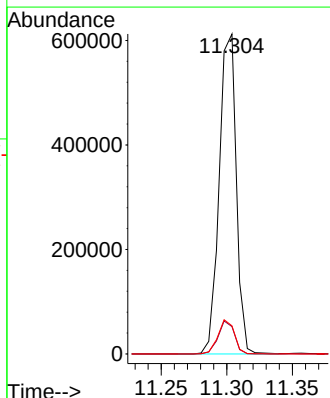
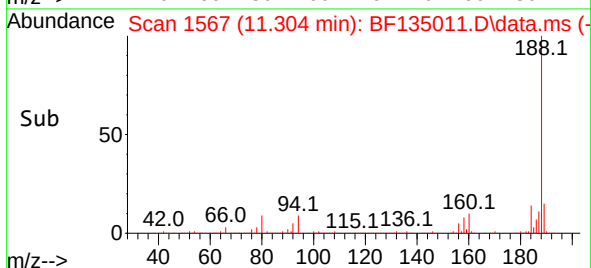
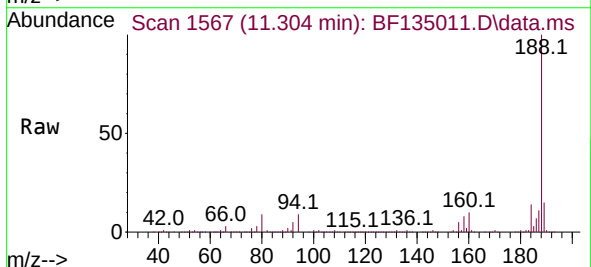


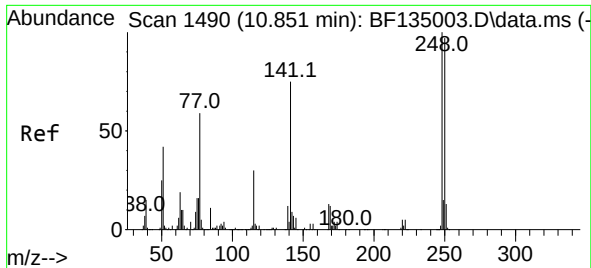
Tgt Ion:165 Resp: 36532
Ion Ratio Lower Upper
165 100
63 1.5 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

Tgt Ion:188 Resp: 554145
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 8.8 7.4 11.2

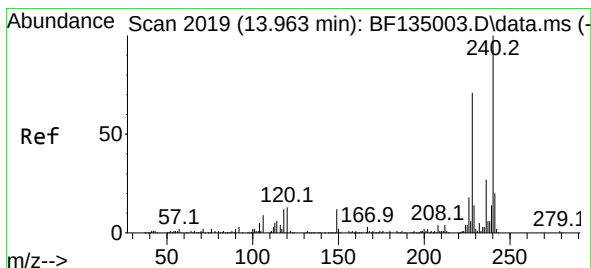
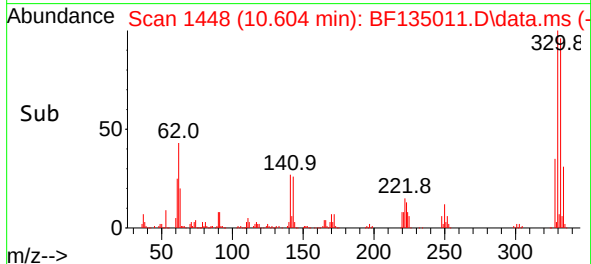
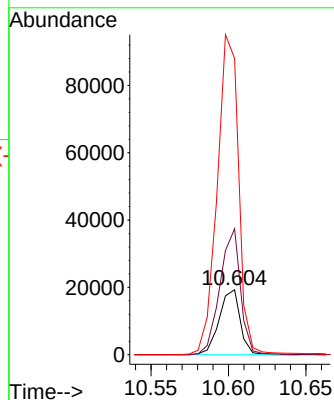
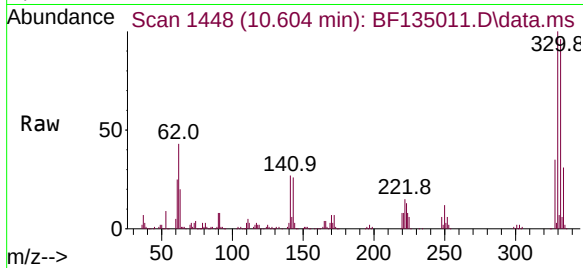




#67
4-Bromophenyl-phenylether
Concen: 3.089 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

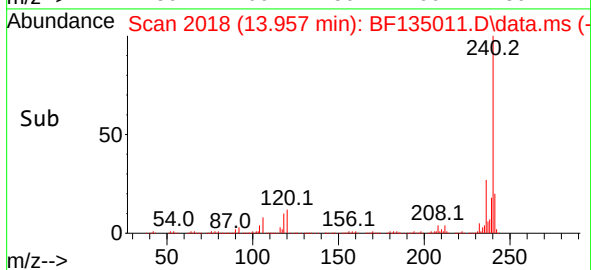
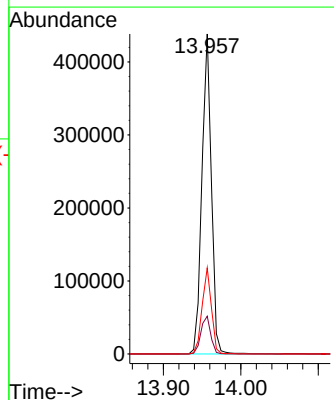
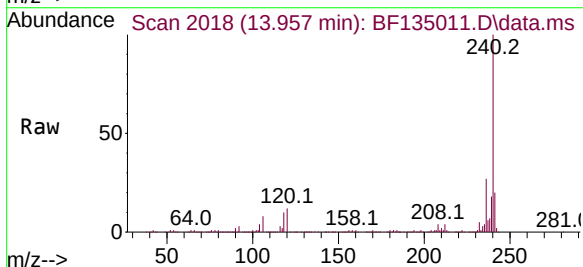
Instrument :
BNA_F
ClientSampleId :
PB155120BL

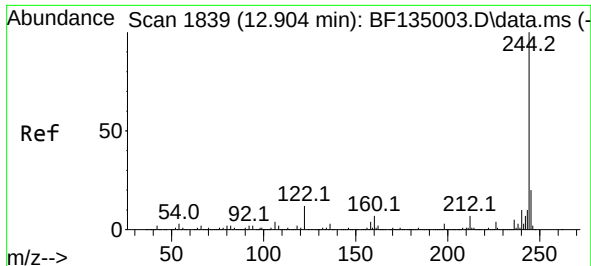
Tgt Ion:248 Resp: 18155
Ion Ratio Lower Upper
248 100
250 194.0 77.9 116.9#
141 456.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135011.D
Acq: 30 Aug 2023 18:27

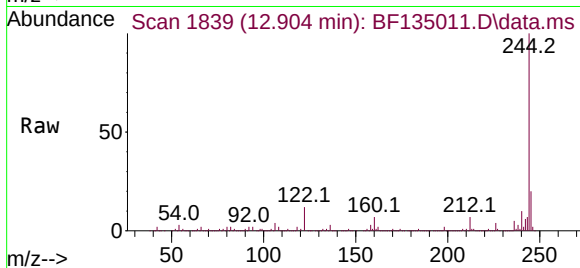
Tgt Ion:240 Resp: 371416
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.2
236 26.9 21.3 31.9



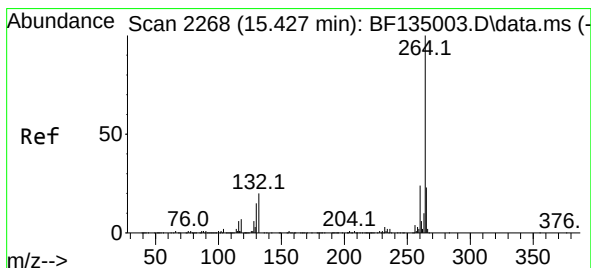
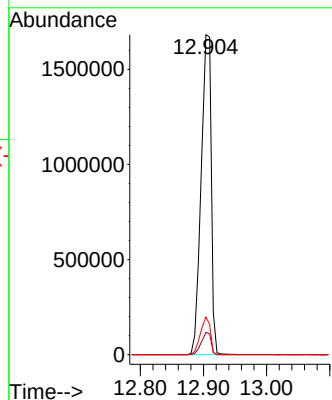
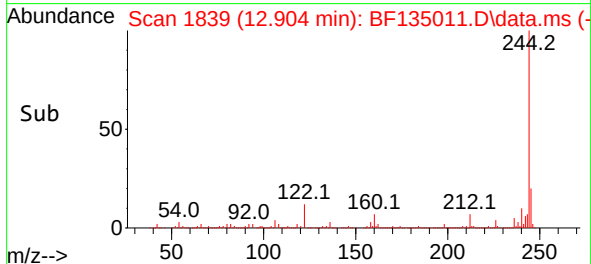


#79
 Terphenyl-d14
 Concen: 82.310 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135011.D
 Acq: 30 Aug 2023 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BL



Tgt Ion:244 Resp: 1873356
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF135011.D
 Acq: 30 Aug 2023 18:27

Tgt Ion:264 Resp: 282852
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.4 18.2 27.2

