

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111379.D
 Acq On : 13 Dec 2018 19:36
 Operator : JU/SJ
 Sample : J6214-51
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Quant Time: Dec 13 21:53:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

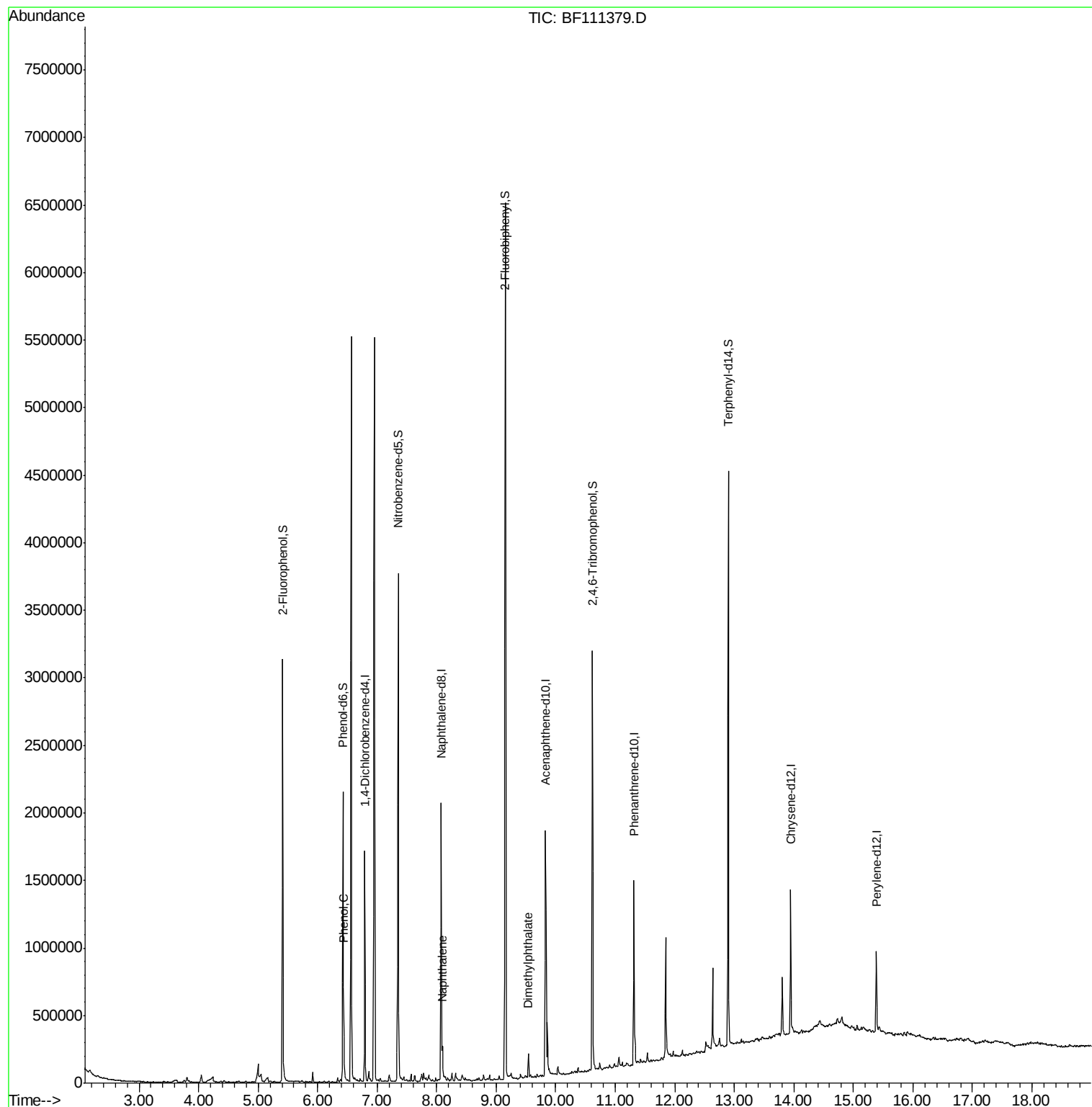
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	230704	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	877586	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	342193	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	485358	20.00	ng	0.00
76) Chrysene-d12	13.95	240	347634	20.00	ng	-0.01
87) Perylene-d12	15.39	264	261677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	905193	66.35	ng	0.00
7) Phenol-d6	6.43	99	735799	40.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	1317968	84.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	315743	104.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2116939	99.32	ng	0.00
79) Terphenyl-d14	12.90	244	1360713	86.15	ng	0.00
Target Compounds						
10) Phenol	6.44	94	62524	3.001	ng	91
31) Naphthalene	8.10	128	94919	2.321	ng	95
50) Dimethylphthalate	9.54	163	71665	2.912	ng	100

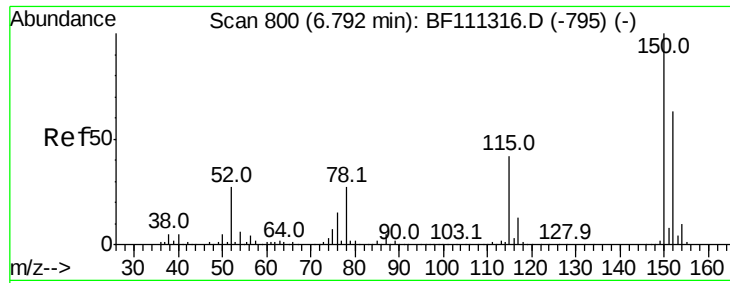
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TW-3

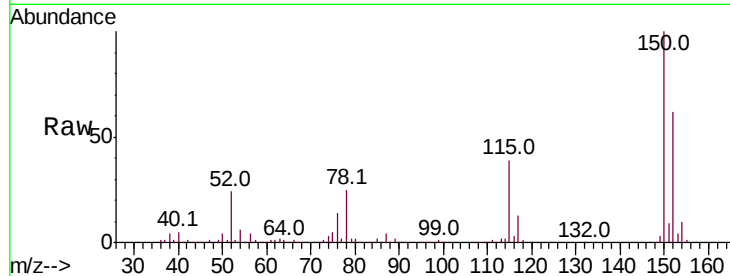
Tot Ion:152 Resp: 230704

Ion Ratio Lower Upper

152 100

150 160.6 126.6 189.8

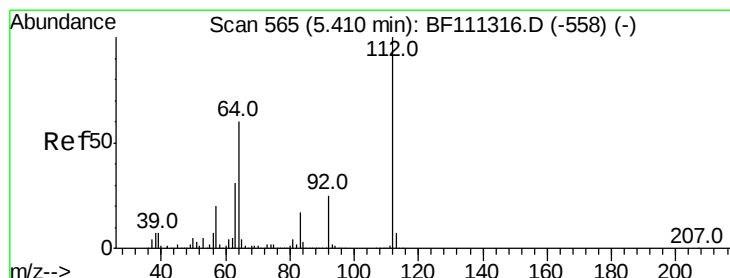
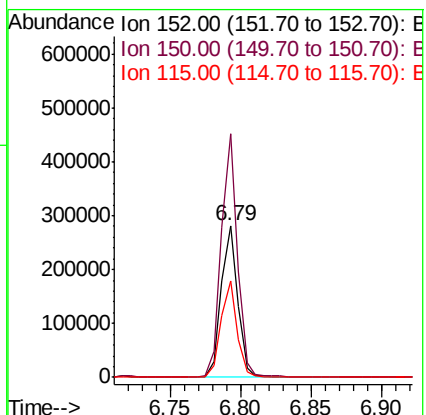
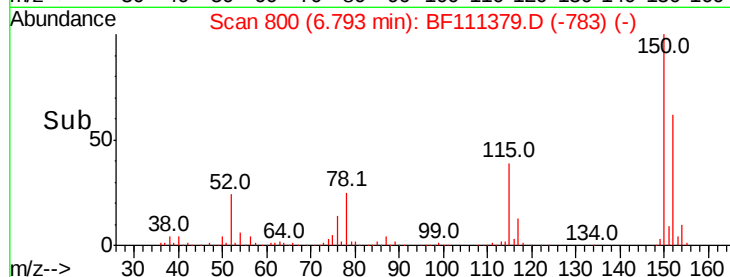
115 63.4 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 66.349 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

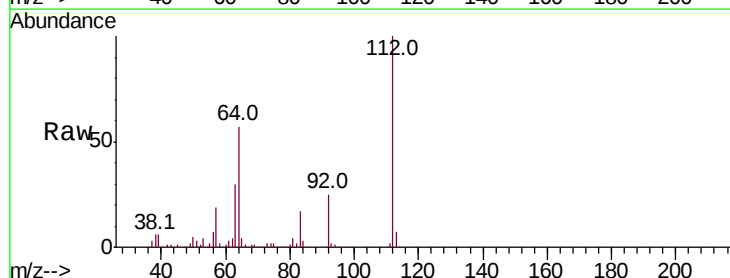
Tgt Ion:112 Resp: 905193

Ion Ratio Lower Upper

112 100

64 56.9 51.8 77.6

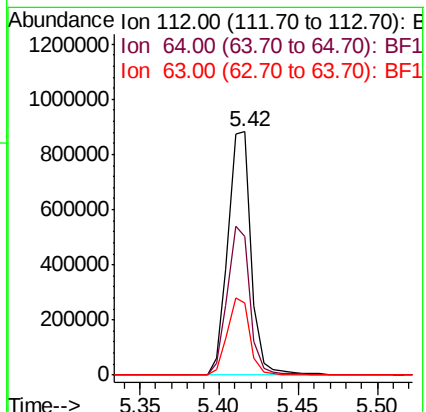
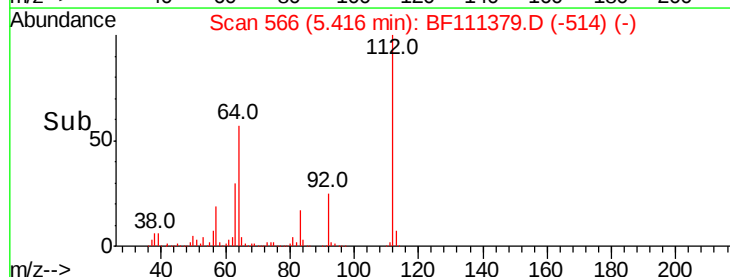
63 29.7 26.8 40.2

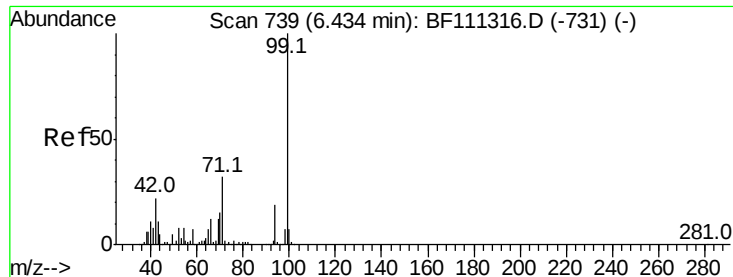


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.002 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampled :

TW-3

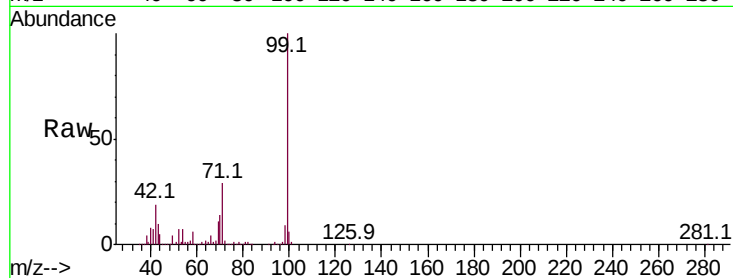
Tot Ion: 99 Resp: 735799

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

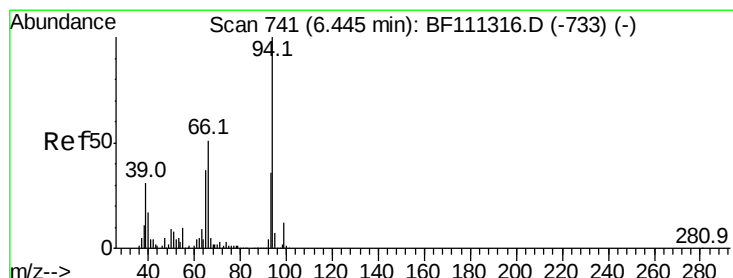
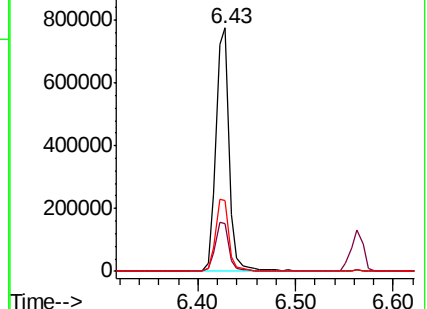
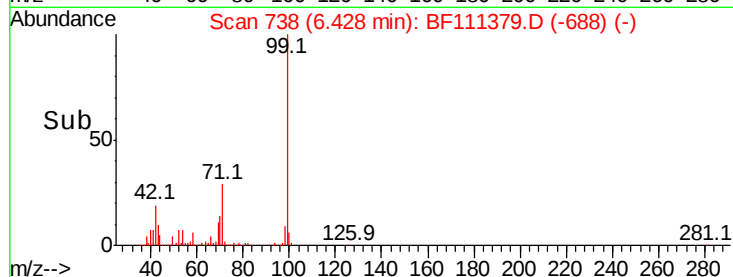
71 29.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.001 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

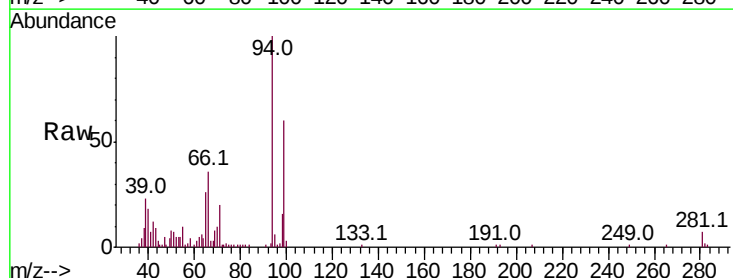
Tgt Ion: 94 Resp: 62524

Ion Ratio Lower Upper

94 100

65 26.1 11.7 51.7

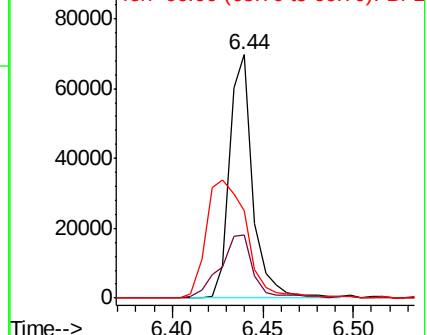
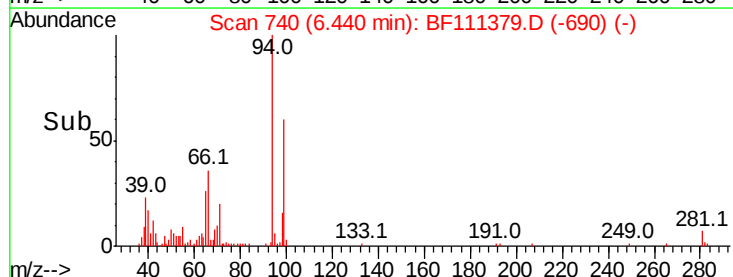
66 35.8 21.0 61.0

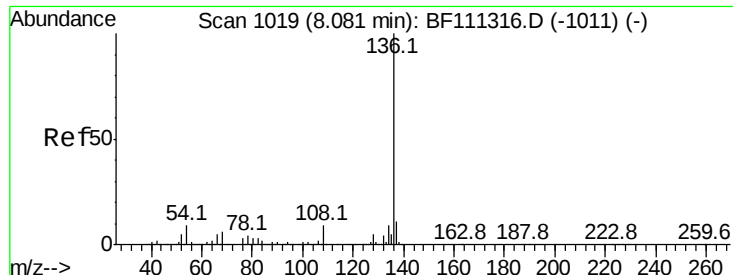


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

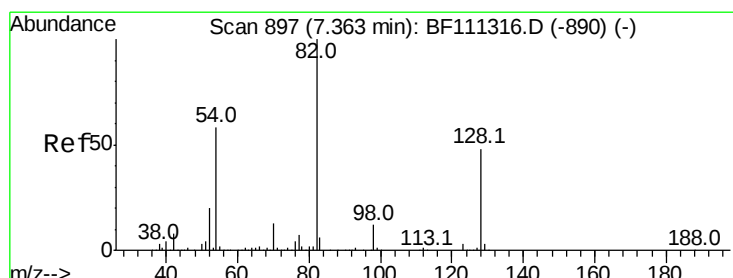
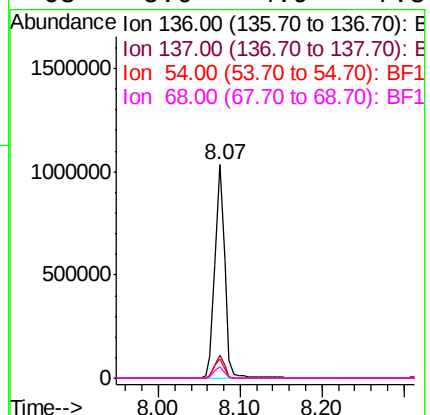
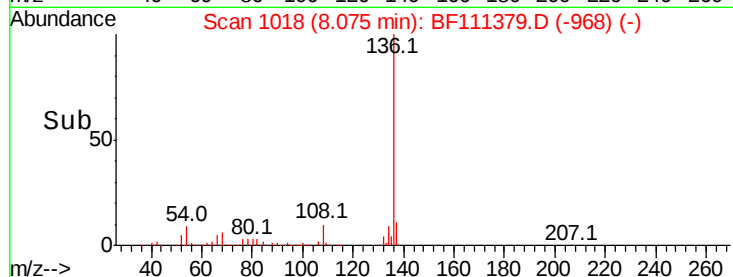
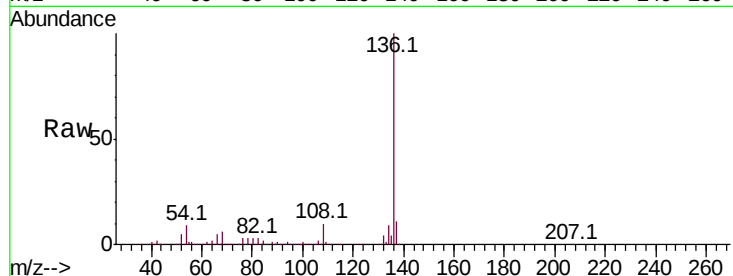




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

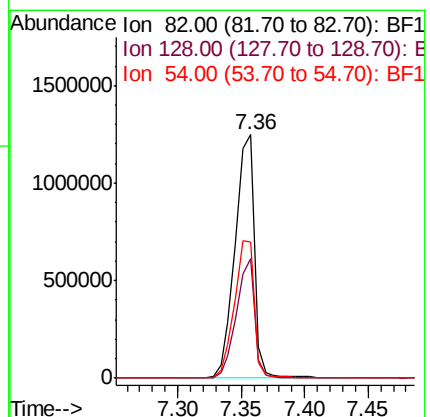
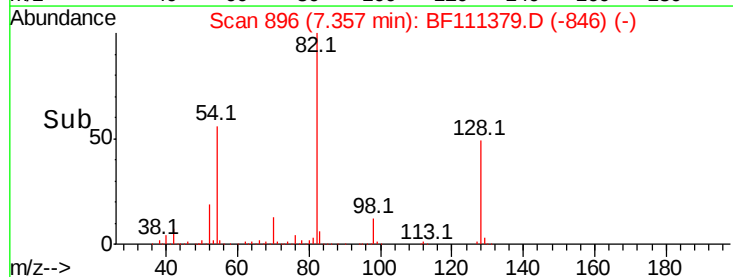
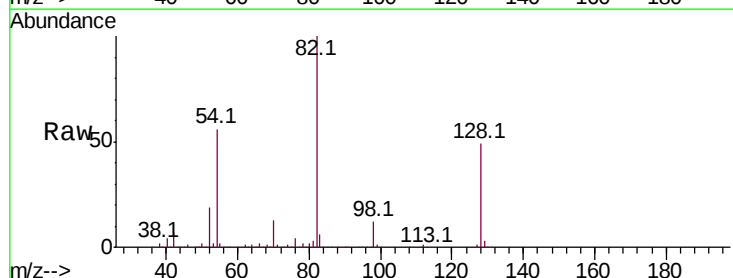
Instrument :
BNA_F
ClientSampleId :
TW-3

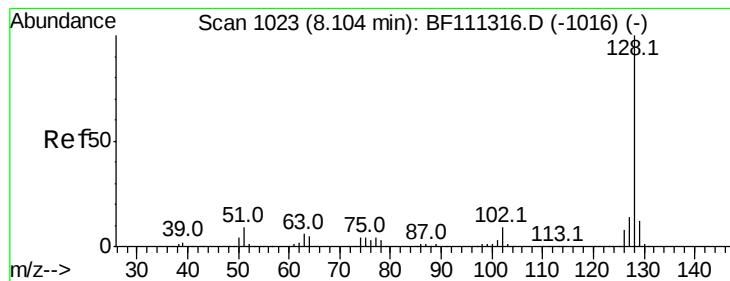
Tot Ion:136	Resp:	877586	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 9.2	7.7	11.5	
68 5.6	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 84.647 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion: 82	Resp: 1317968
Ion Ratio	Lower Upper
82 100	
128 49.1	37.4 56.2
54 55.9	47.6 71.4





#31

Naphthalene

Concen: 2.321 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TW-3

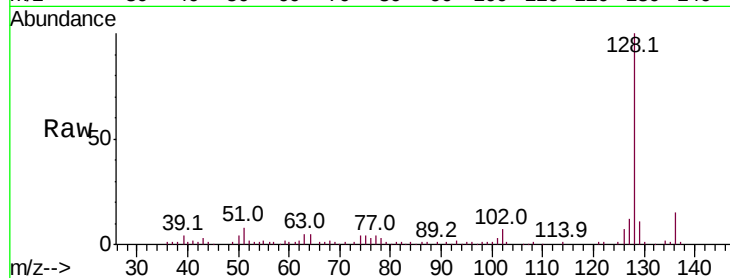
Tot Ion:128 Resp: 94919

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

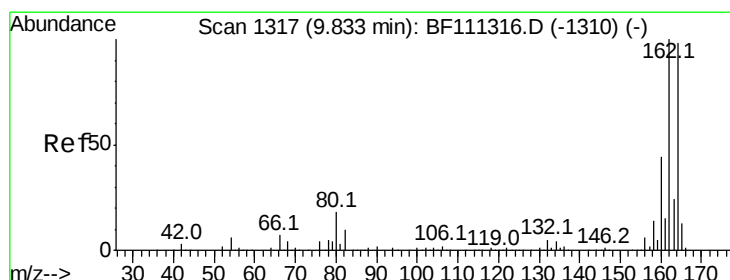
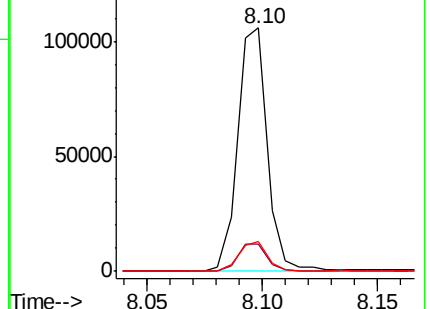
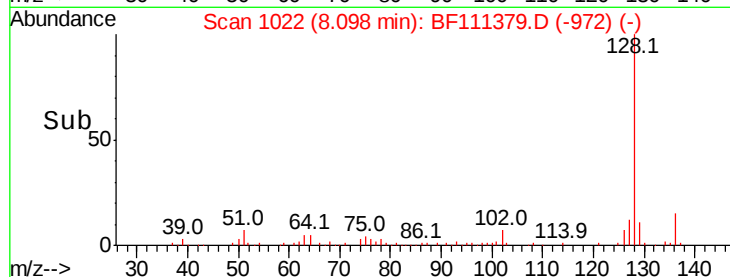
127 12.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

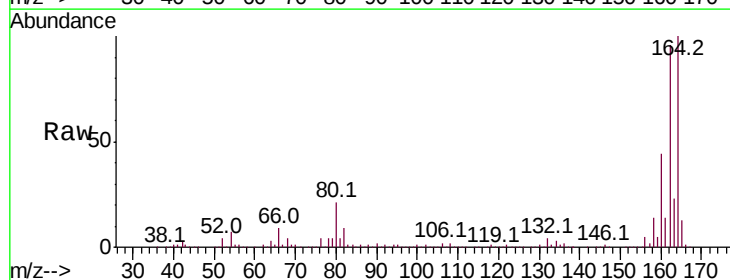
Tgt Ion:164 Resp: 342193

Ion Ratio Lower Upper

164 100

162 96.4 81.4 122.0

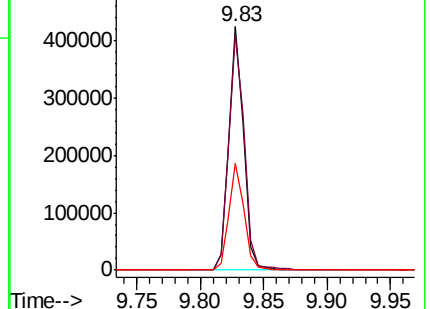
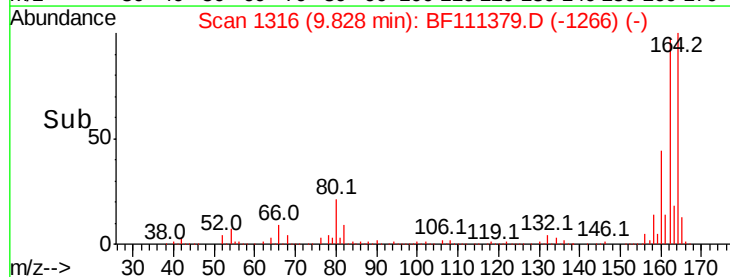
160 43.7 35.7 53.5

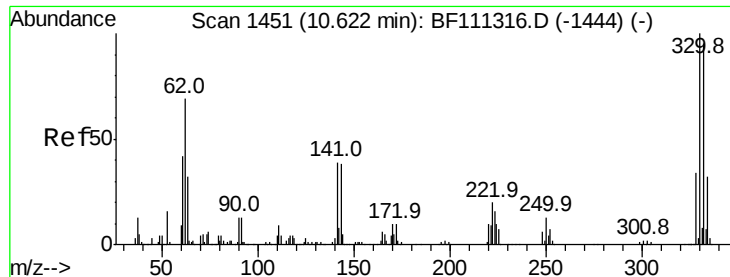


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

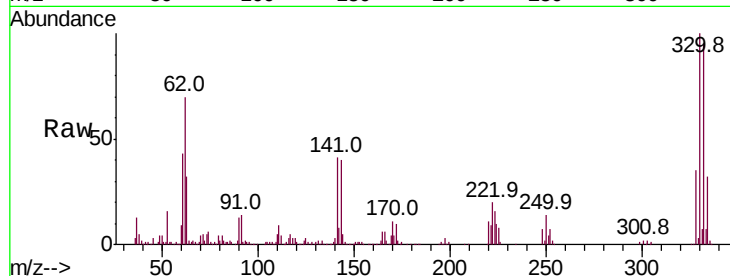




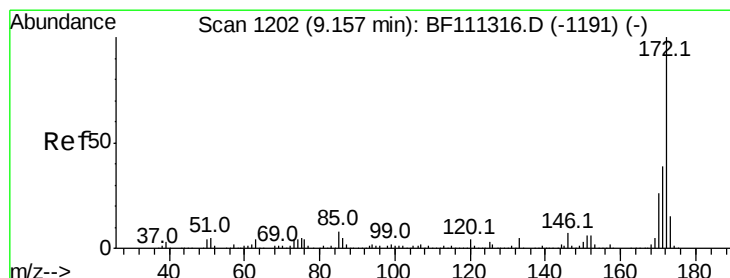
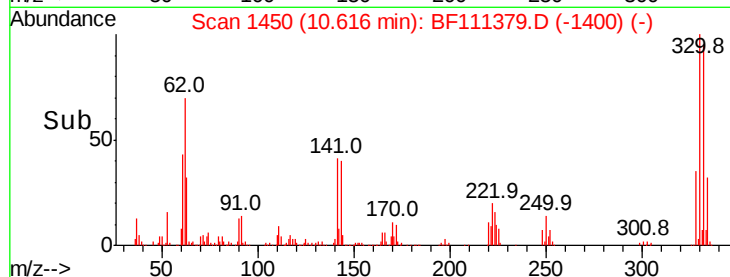
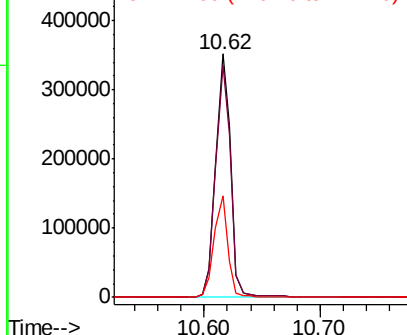
#42
 2,4,6-Tribromophenol
 Concen: 104.673 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tot Ion:330 Resp: 315743
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 39.5 31.0 46.6

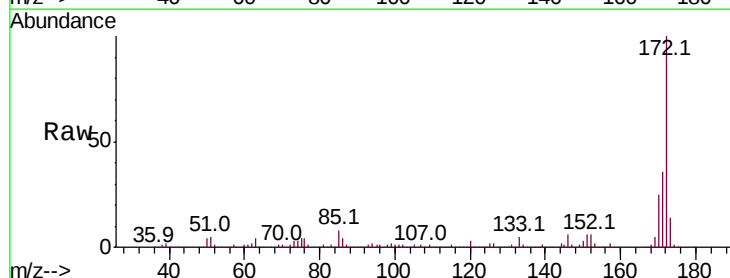


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

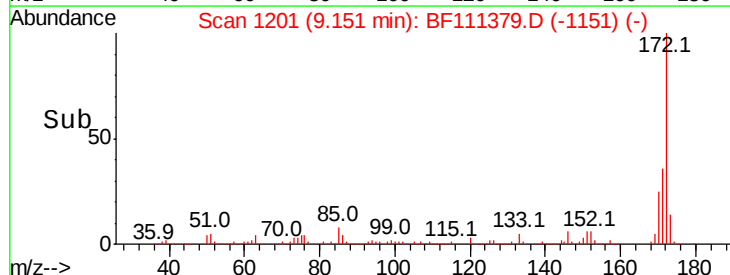
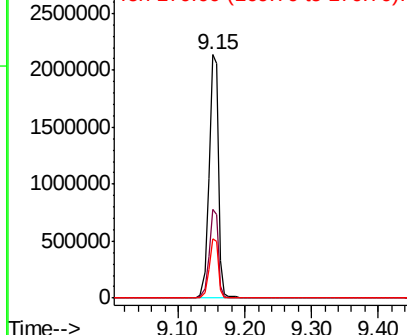


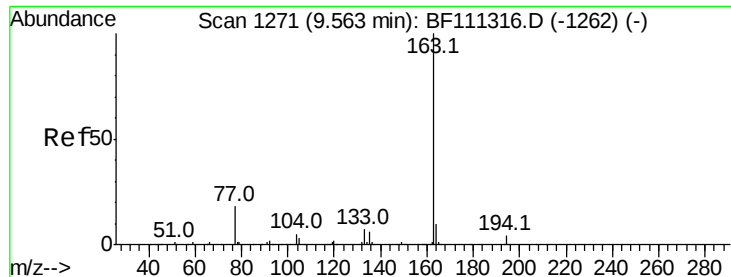
#45
 2-Fluorobiphenyl
 Concen: 99.322 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Tgt Ion:172 Resp: 2116939
 Ion Ratio Lower Upper
 172 100
 171 36.4 33.0 49.4
 170 24.6 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

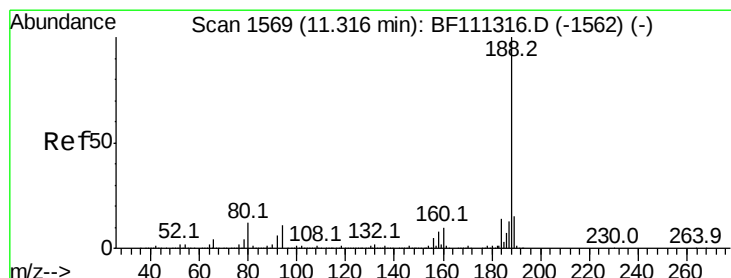
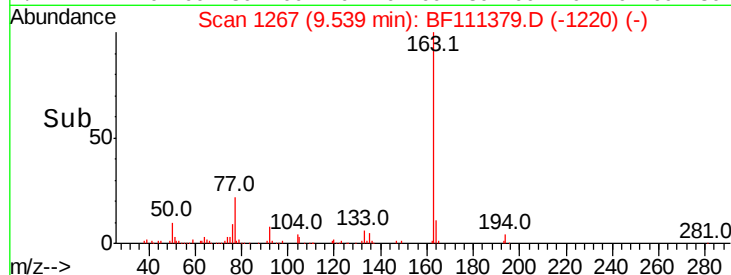
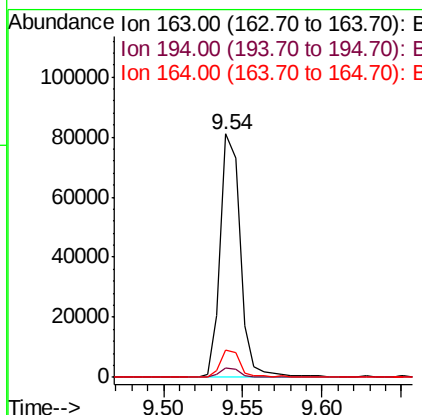
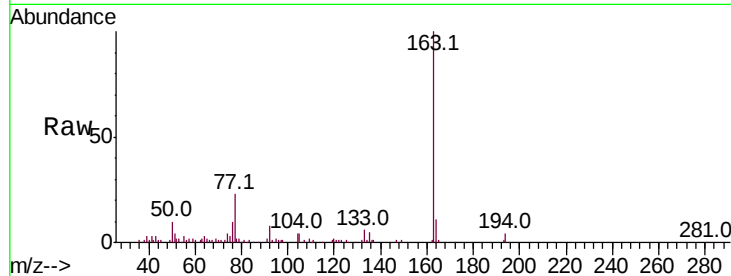




#50
Dimethylphthalate
Concen: 2.912 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

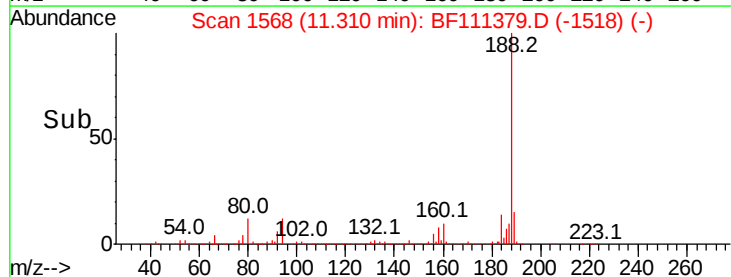
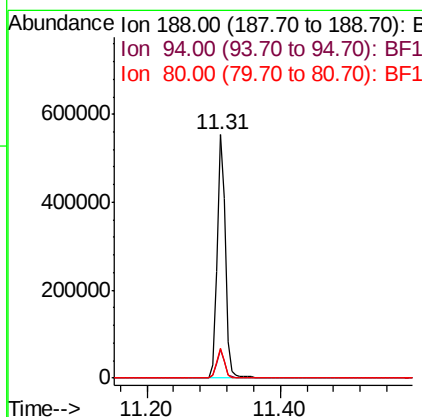
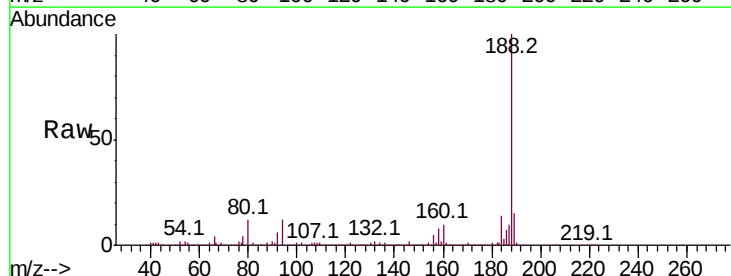
Instrument :
BNA_F
ClientSampled :
TW-3

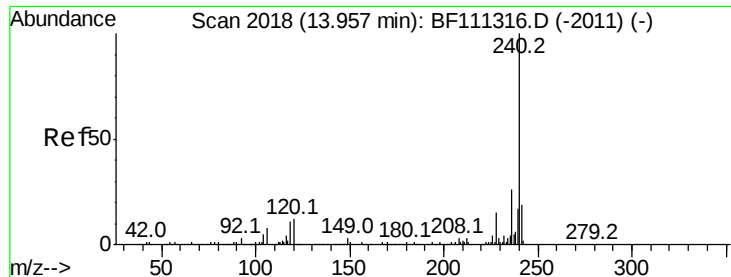
Tot Ion:163 Resp: 71665
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 11.1 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion:188 Resp: 485358
Ion Ratio Lower Upper
188 100
94 11.7 9.6 14.4
80 12.2 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TW-3

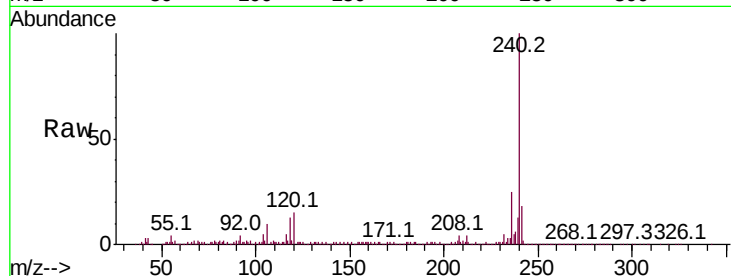
Tot Ion:240 Resp: 347634

Ion Ratio Lower Upper

240 100

120 15.3 12.2 18.2

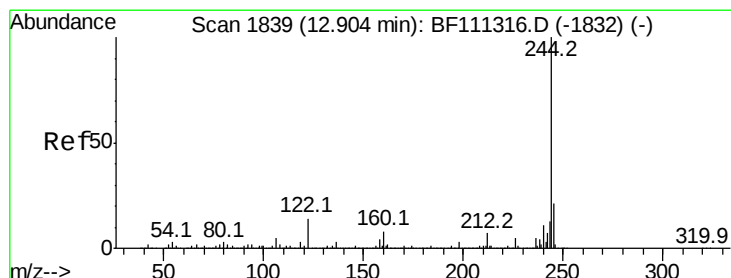
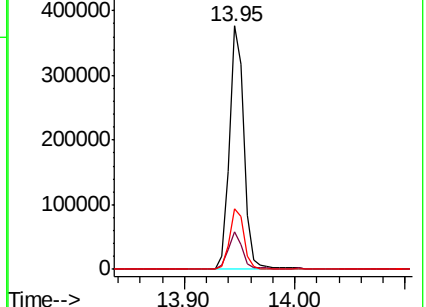
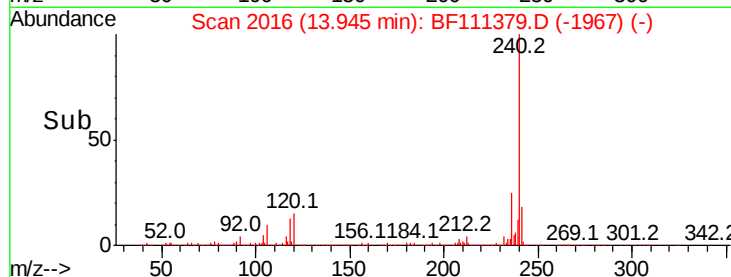
236 24.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 86.149 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

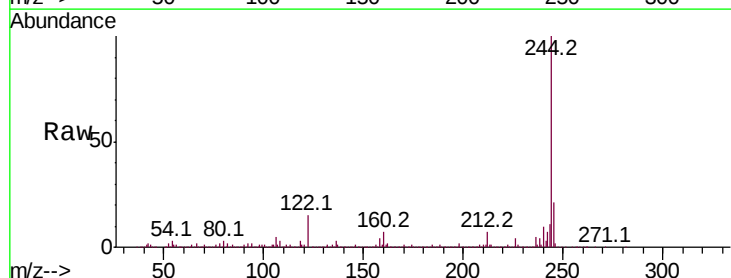
Tgt Ion:244 Resp: 1360713

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

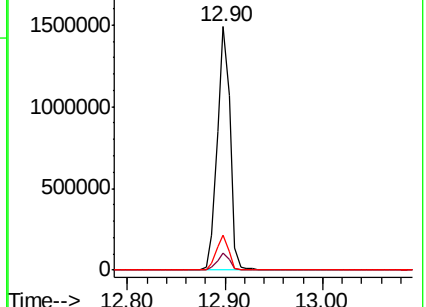
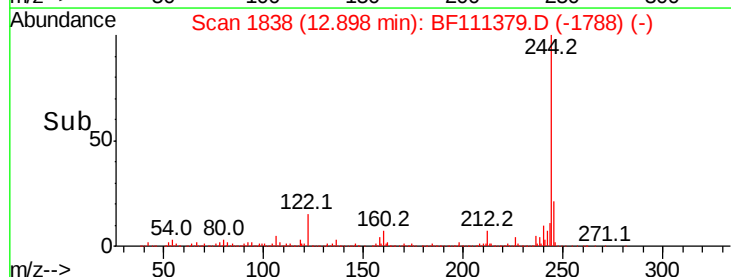
122 14.6 13.1 19.7

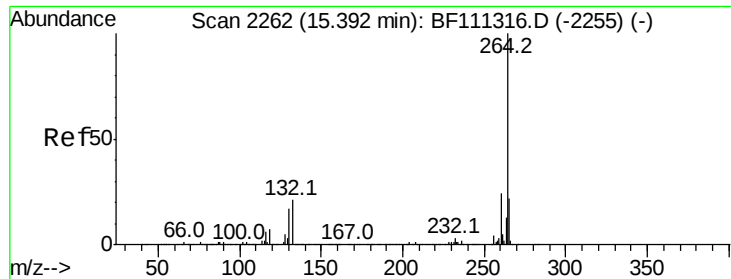


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.4	17.7	26.5

