

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111509.D
 Acq On : 16 Dec 2018 15:32
 Operator : JU/SJ
 Sample : J6386-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-1824-01

Quant Time: Dec 17 07:09:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

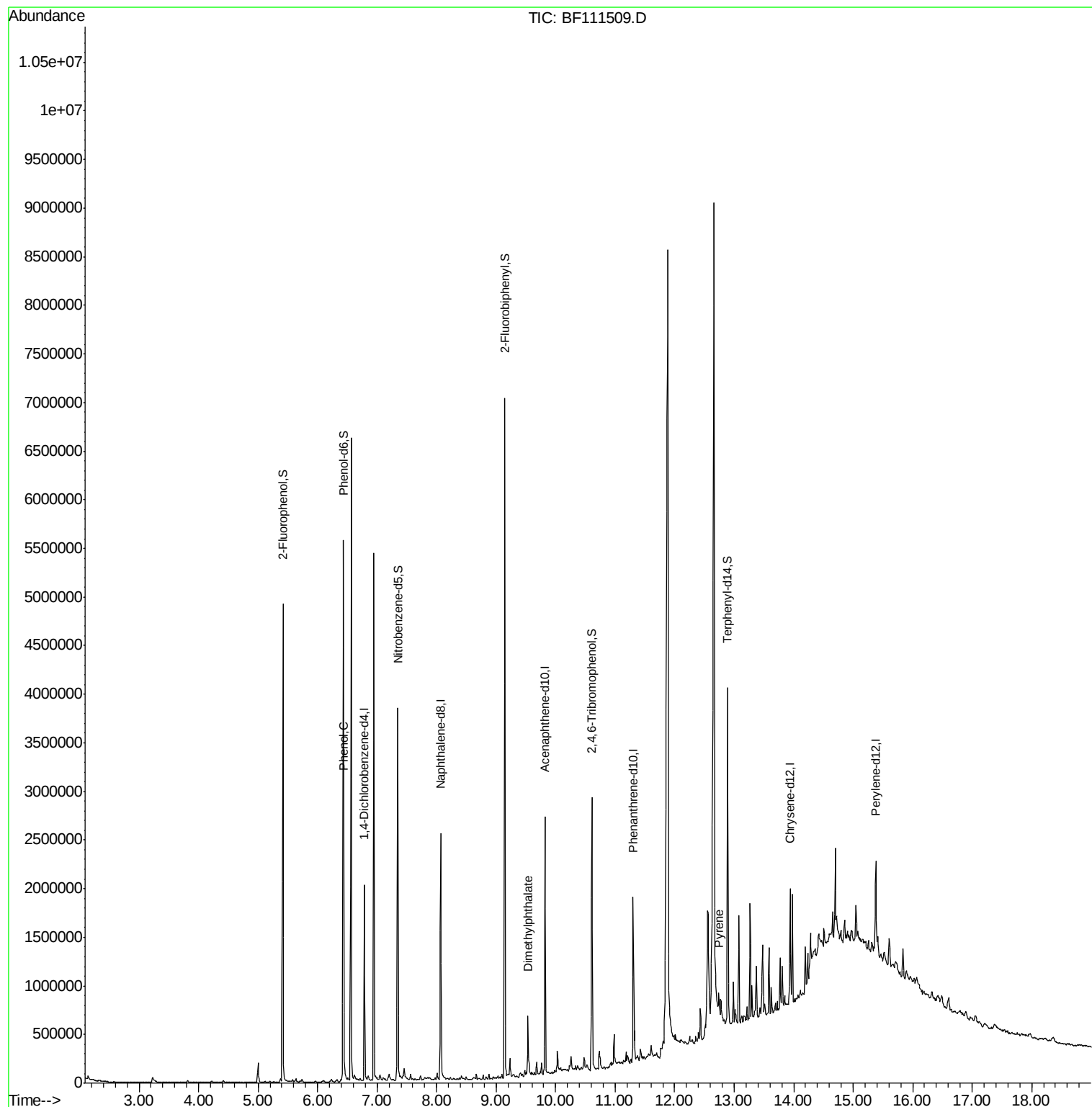
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270361	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1094841	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	500470	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	572084	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	398382	20.00	ng	0.00
87) Perylene-d12	15.38	264	465188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1385138	85.25	ng	0.00
7) Phenol-d6	6.43	99	2025753	93.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	1351030	73.48	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	296148	66.06	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	2271910	70.12	ng	-0.01
79) Terphenyl-d14	12.89	244	1108525	65.34	ng	0.00
Target Compounds						
10) Phenol	6.45	94	148977	6.188	ng	89
50) Dimethylphthalate	9.53	163	227103	6.301	ng	97
78) Pyrene	12.74	202	83911	2.988	ng	94

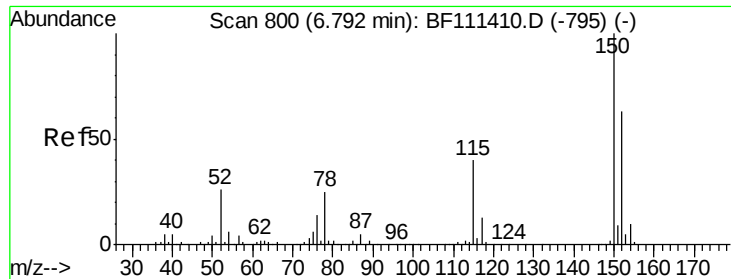
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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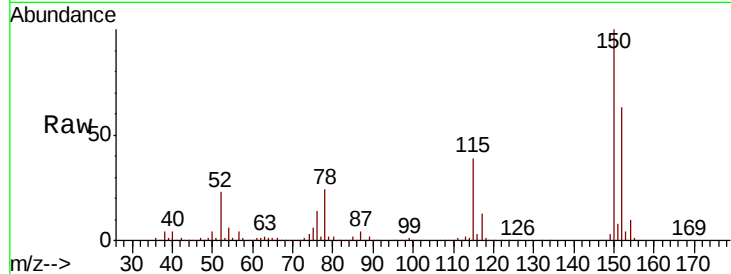


#1

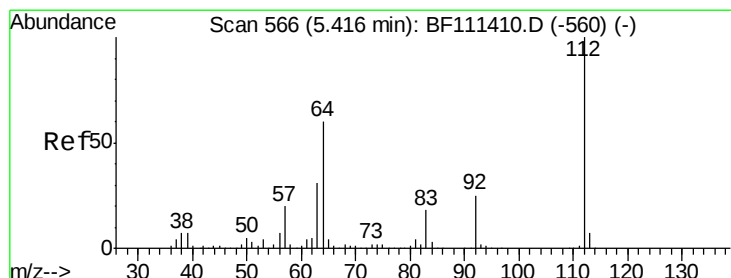
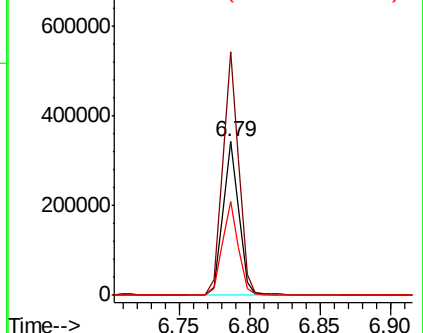
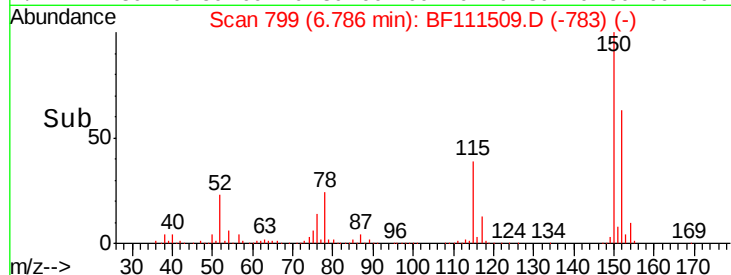
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tot Ion:152 Resp: 270361
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 61.3 50.7 76.1



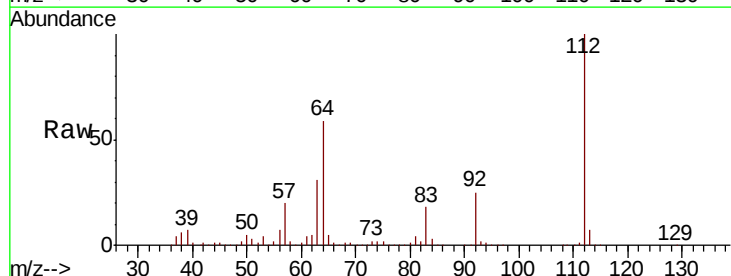
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



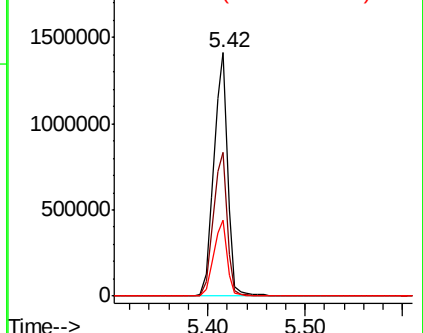
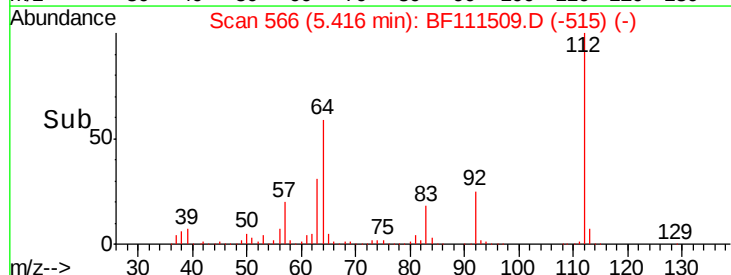
#5

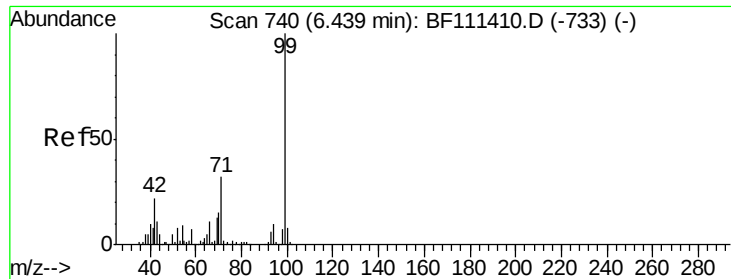
2-Fluorophenol
Concen: 85.255 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:112 Resp: 1385138
Ion Ratio Lower Upper
112 100
64 58.8 51.8 77.6
63 31.3 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: 93.735 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

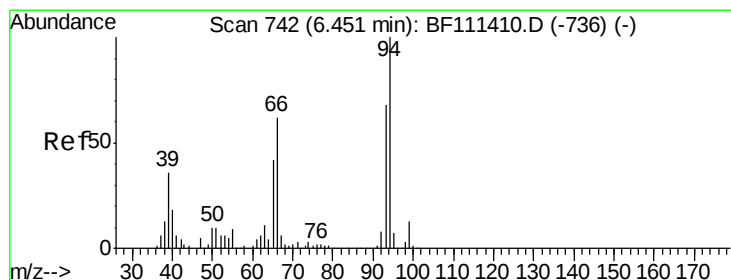
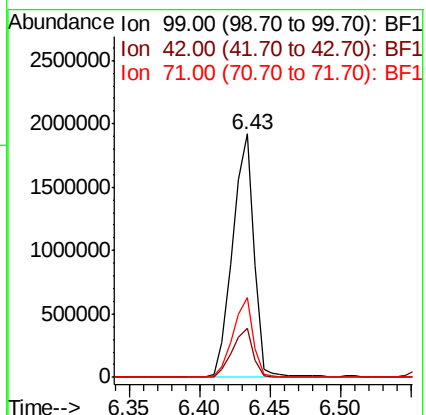
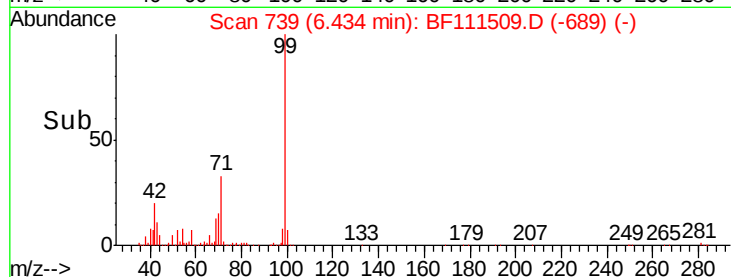
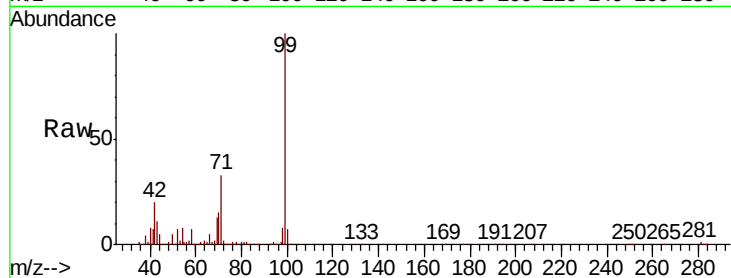
Tot Ion: 99 Resp: 2025753

Ion Ratio Lower Upper

99 100

42 20.1 17.4 26.0

71 32.5 26.1 39.1



#10

Phenol

Concen: 6.188 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

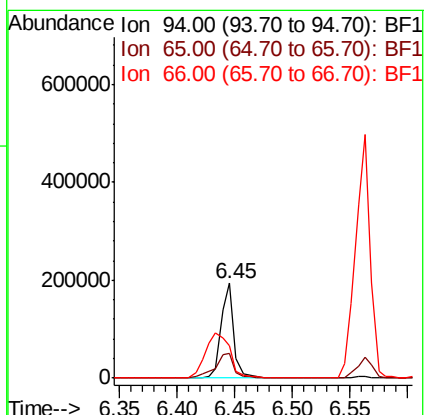
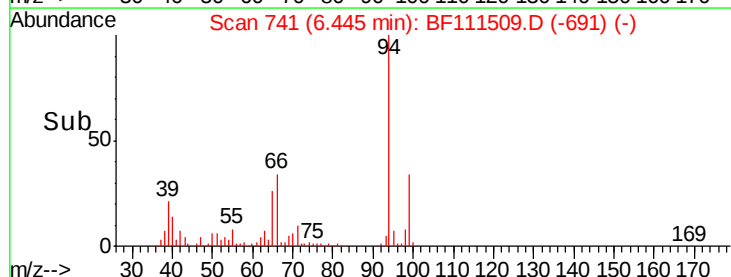
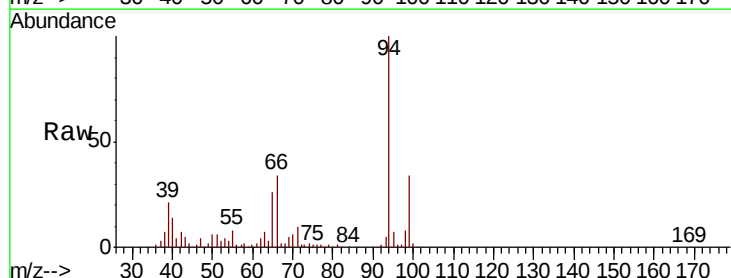
Tgt Ion: 94 Resp: 148977

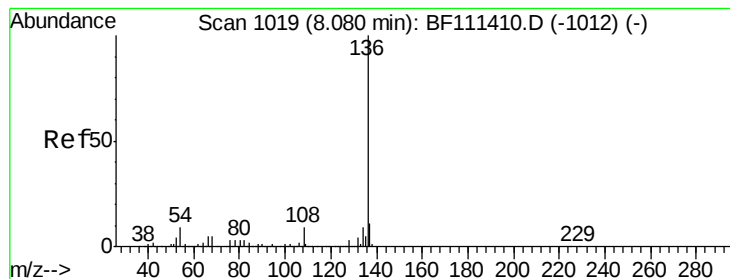
Ion Ratio Lower Upper

94 100

65 26.4 11.7 51.7

66 33.8 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

Tot Ion:136 Resp: 1094841

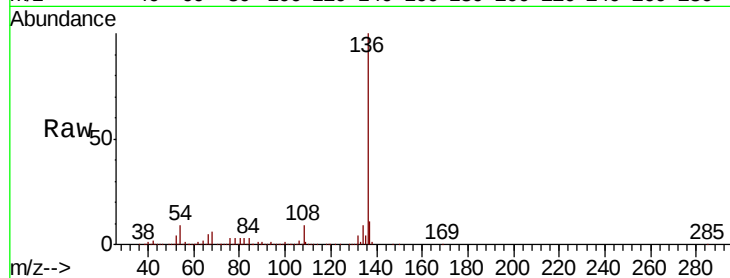
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 7.7 11.5

68 5.7 4.9 7.3

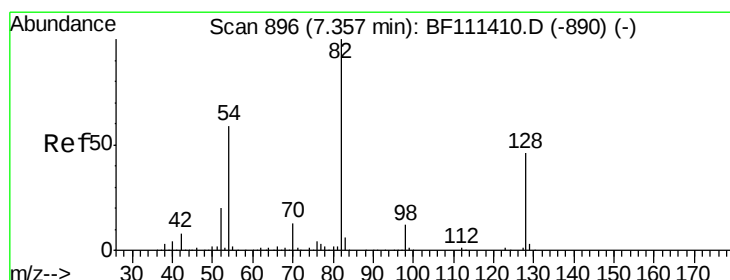
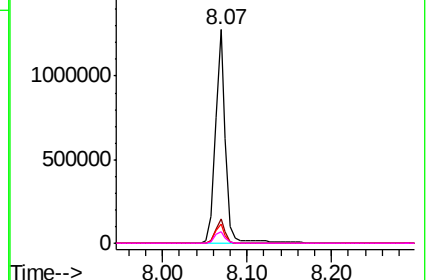
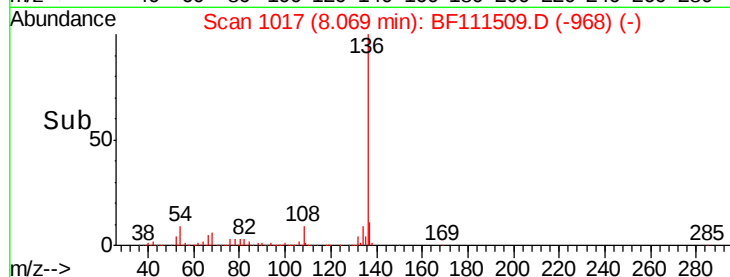


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 73.483 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

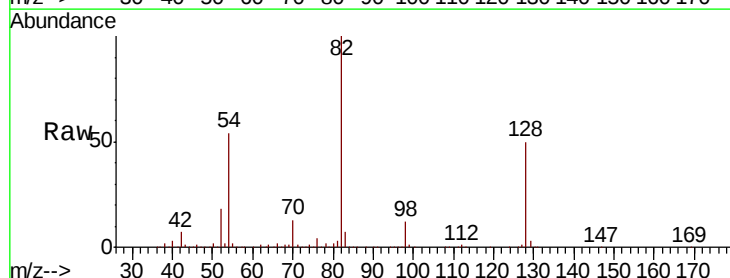
Tgt Ion: 82 Resp: 1351030

Ion Ratio Lower Upper

82 100

128 49.7 37.4 56.2

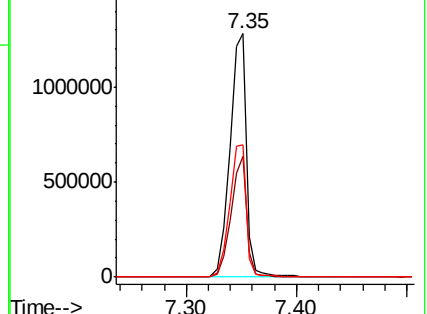
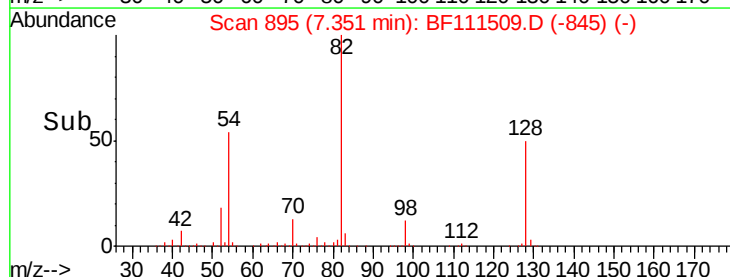
54 54.5 47.6 71.4

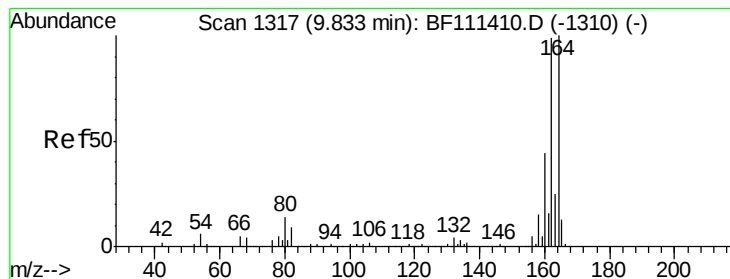


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

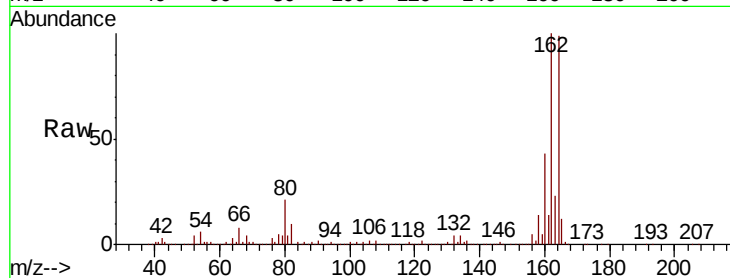
Tot Ion:164 Resp: 500470

Ion Ratio Lower Upper

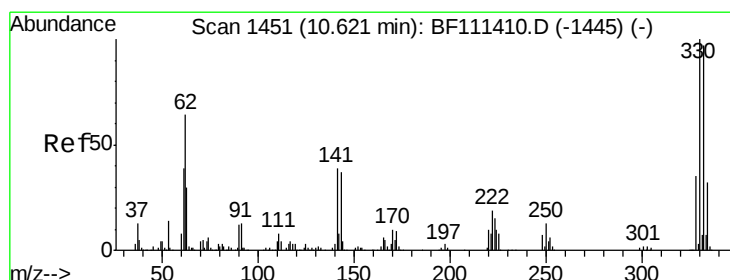
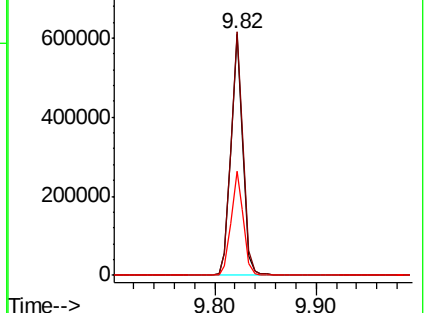
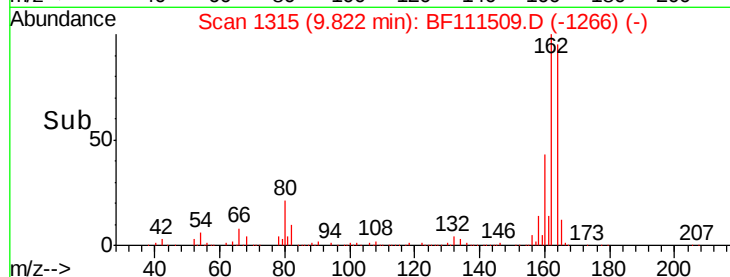
164 100

162 100.9 81.4 122.0

160 43.1 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: 66.058 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

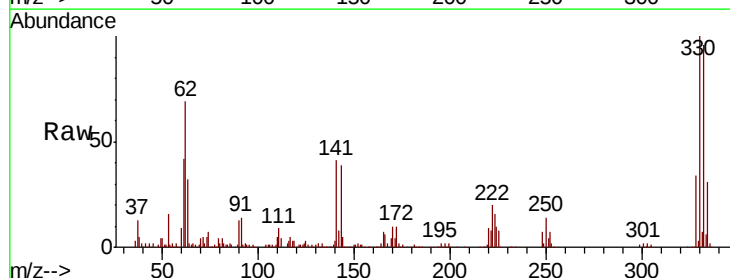
Tgt Ion:330 Resp: 296148

Ion Ratio Lower Upper

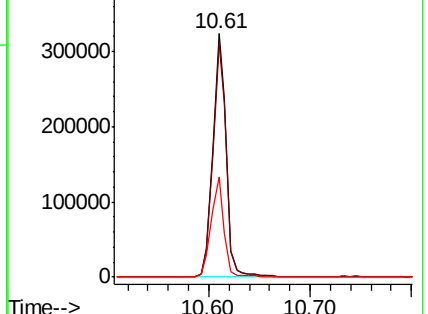
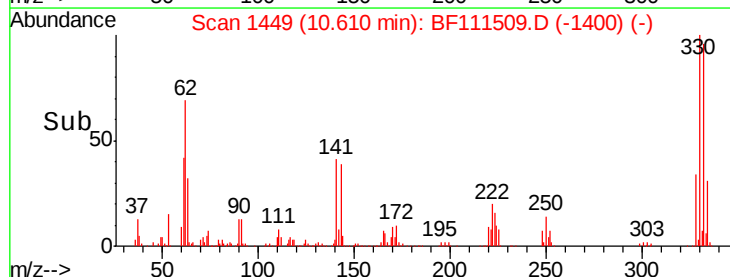
330 100

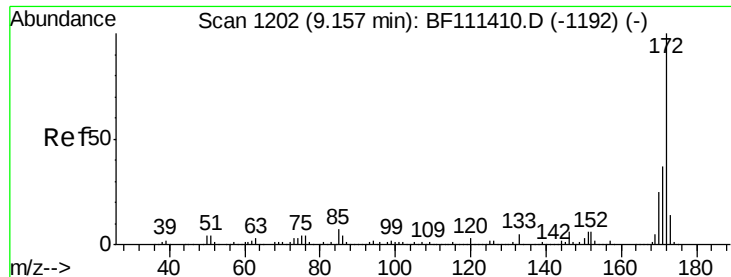
332 96.7 76.0 114.0

141 38.8 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

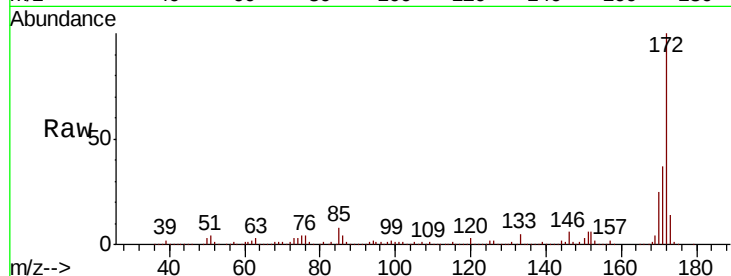




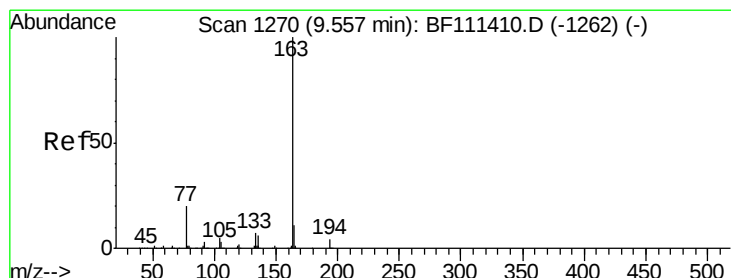
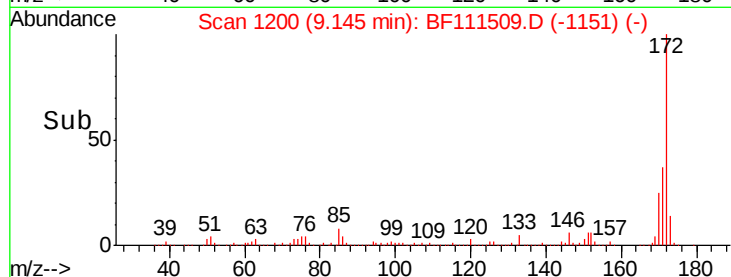
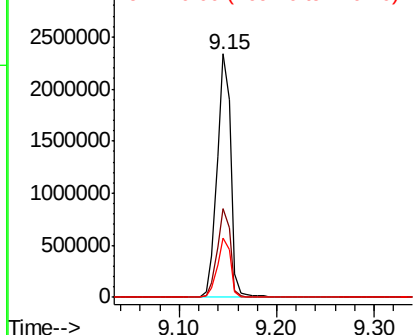
#45
2-Fluorobiphenyl
Concen: 70.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tot Ion:172 Resp: 2271910
Ion Ratio Lower Upper
172 100
171 36.6 33.0 49.4
170 24.5 22.3 33.5

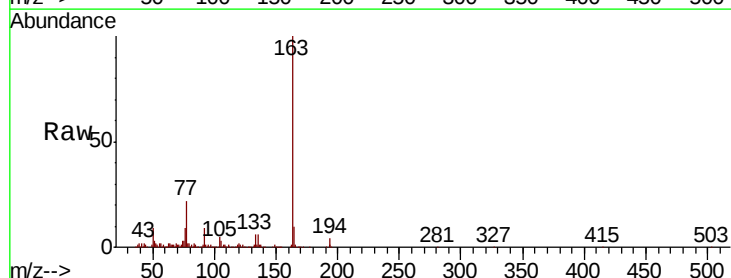


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

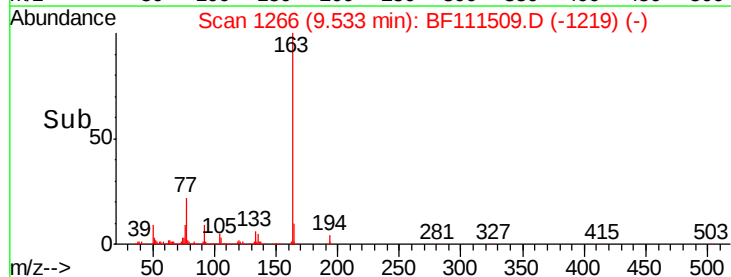
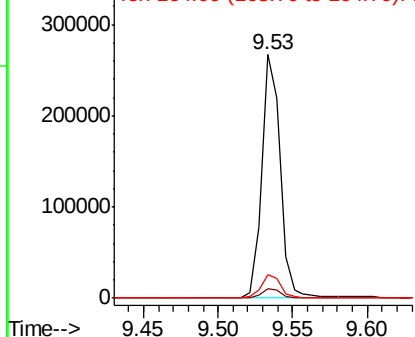


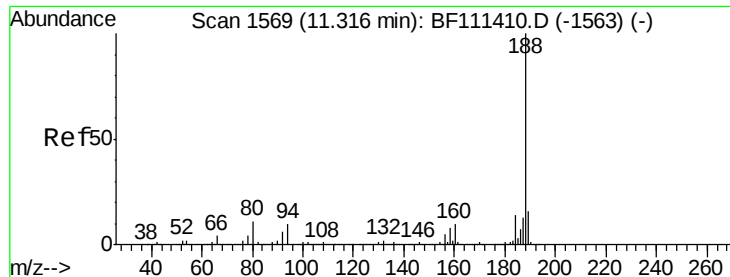
#50
Dimethylphthalate
Concen: 6.301 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:163 Resp: 227103
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-1824-01

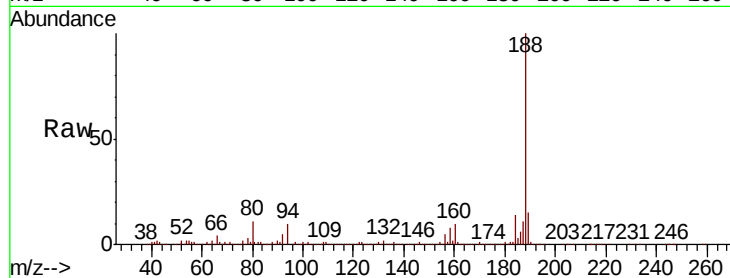
Tot Ion:188 Resp: 572084

Ion Ratio Lower Upper

188 100

94 9.9 9.6 14.4

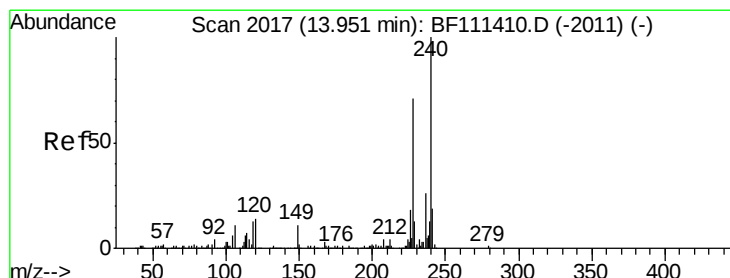
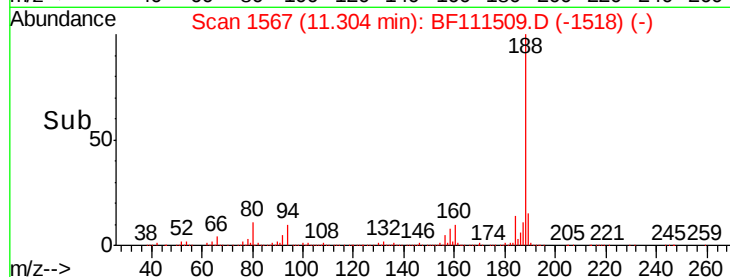
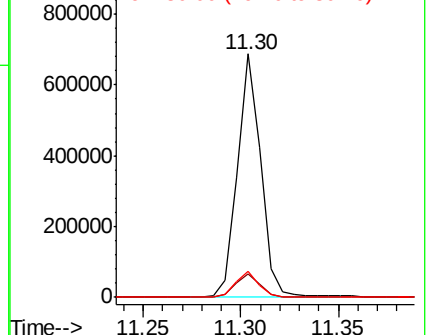
80 10.9 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111509.D

Acq: 16 Dec 2018 15:32

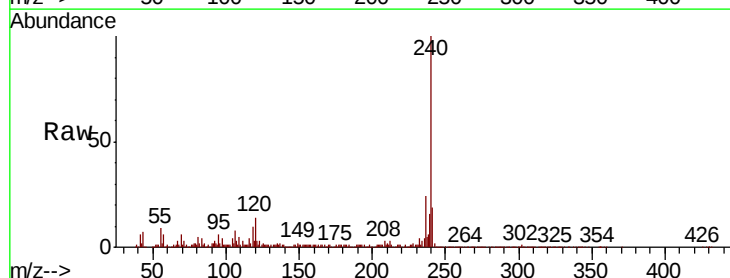
Tgt Ion:240 Resp: 398382

Ion Ratio Lower Upper

240 100

120 13.8 12.2 18.2

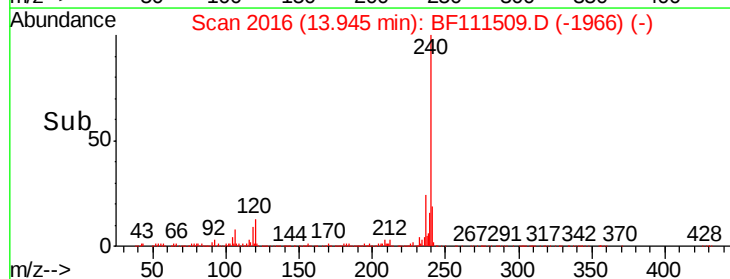
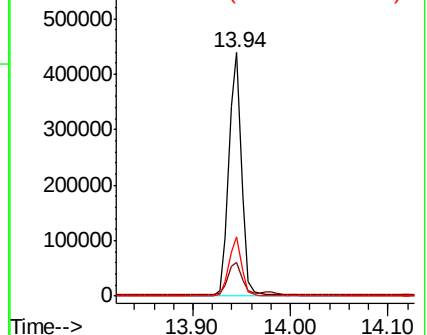
236 24.1 20.2 30.2

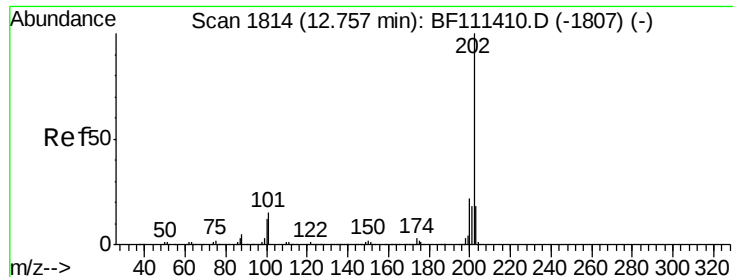


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

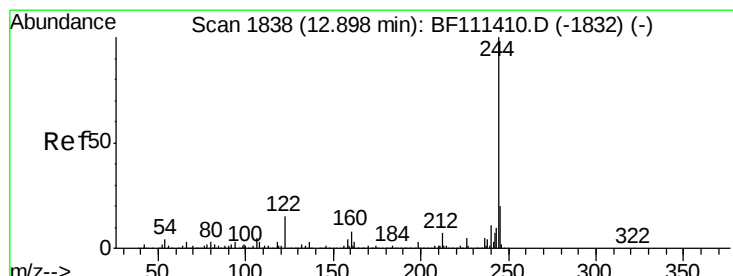
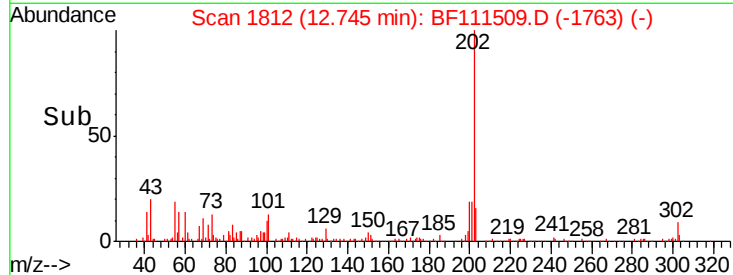
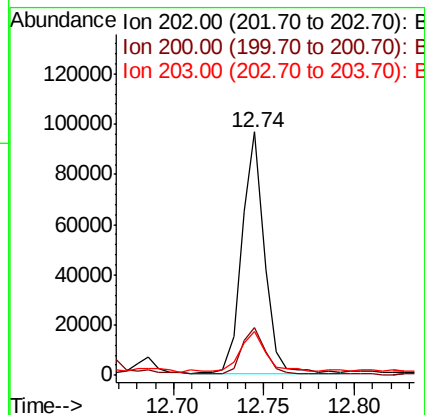
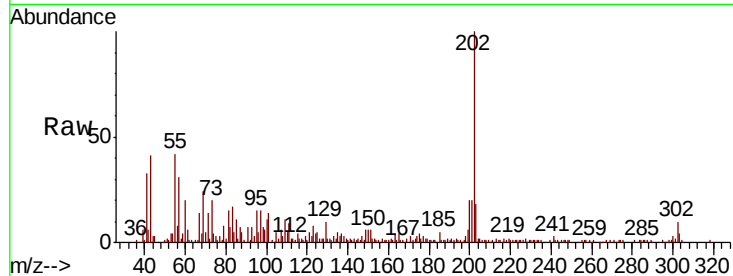




#78
Pvrene
Concen: 2.988 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

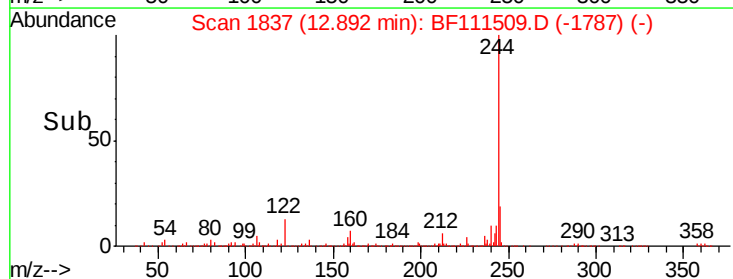
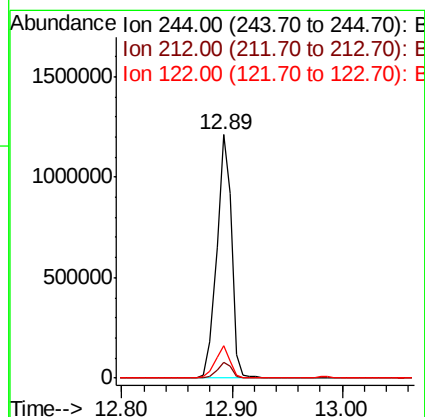
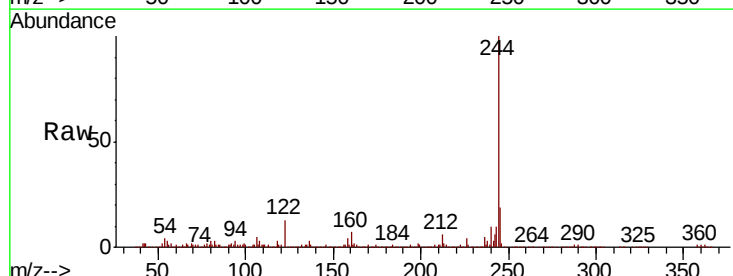
Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

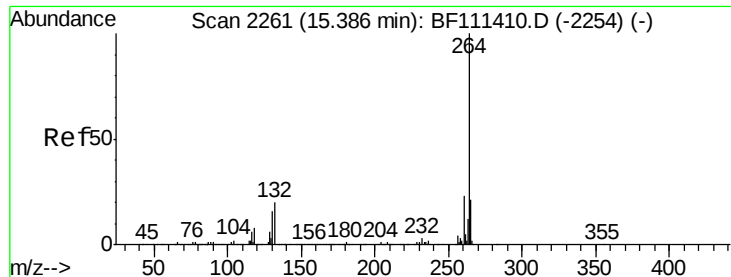
Tot Ion:202 Resp: 83911
Ion Ratio Lower Upper
202 100
200 19.6 19.0 28.4
203 18.0 15.2 22.8



#79
Terphenyl-d14
Concen: 65.341 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:244 Resp: 1108525
Ion Ratio Lower Upper
244 100
212 6.3 5.7 8.5
122 13.2 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	22.1	17.7	26.5

