

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111525.D
 Acq On : 16 Dec 2018 23:13
 Operator : JU/SJ
 Sample : J6347-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Quant Time: Dec 17 06:47:10 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

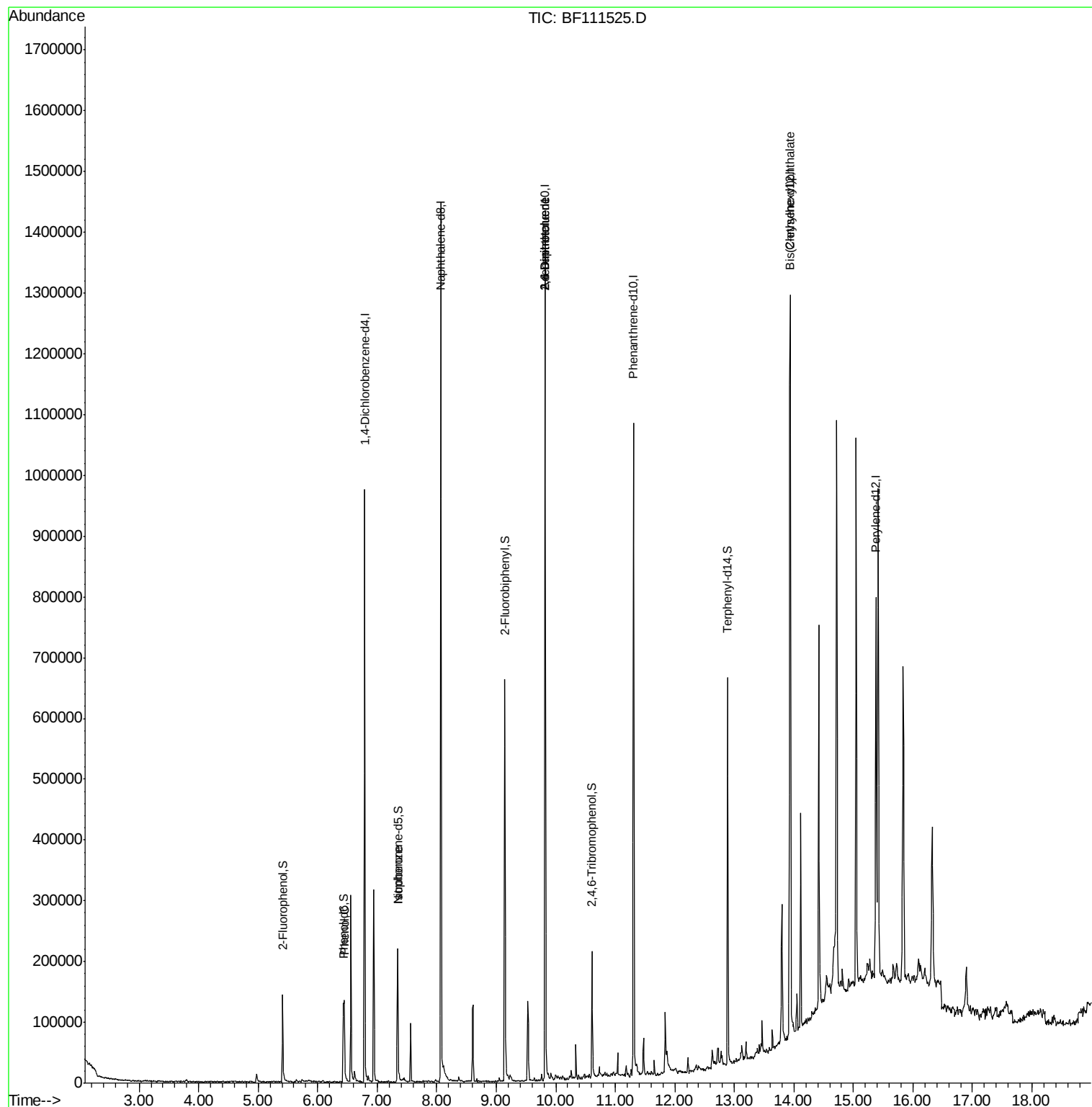
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	137274	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	675612	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	266713	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	402813	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	384145	20.00	ng	-0.01
87) Perylene-d12	15.38	264	285055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	42425	5.14	ng	0.00
7) Phenol-d6	6.43	99	43193	3.94	ng	0.00
23) Nitrobenzene-d5	7.35	82	79928	7.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	23952	10.03	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	226861	13.14	ng	-0.01
79) Terphenyl-d14	12.89	244	214746	13.13	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	42449	3.473	ng	89
25) Isophorone	7.35	82	79927	4.164	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	33368	7.718	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	33368	5.880	ng	# 24
84) Bis(2-ethylhexyl)phthalate	13.93	149	251404	14.910	ng	98

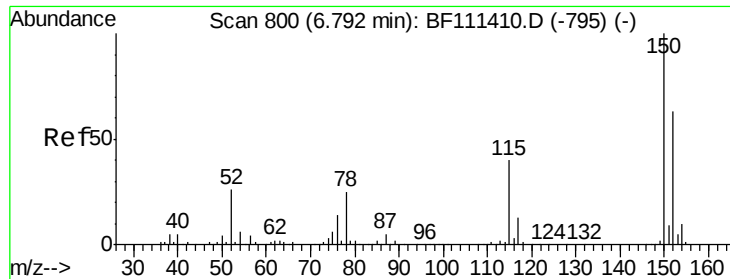
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111525.D
Acq On : 16 Dec 2018 23:13
Operator : JU/SJ
Sample : J6347-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Quant Time: Dec 17 06:47:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

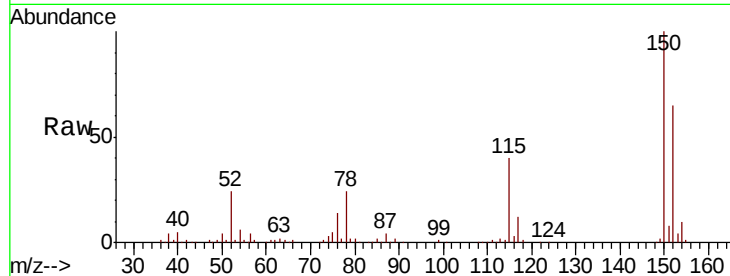
Tgt Ion:152 Resp: 137274

Ion Ratio Lower Upper

152 100

150 154.1 126.6 189.8

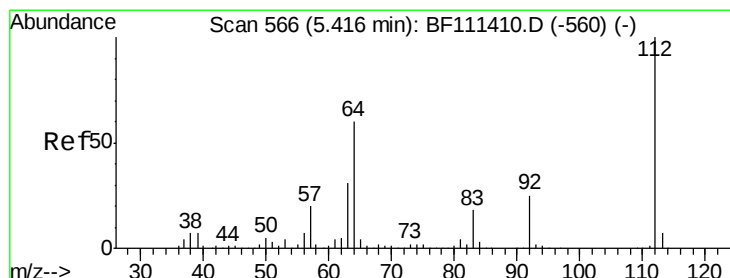
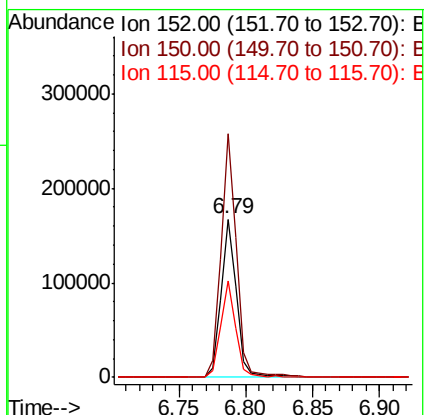
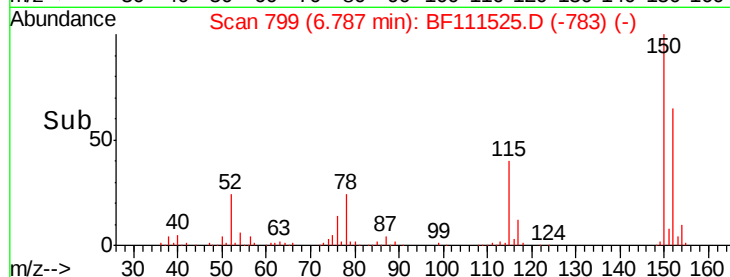
115 61.1 50.7 76.1



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: 5.143 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

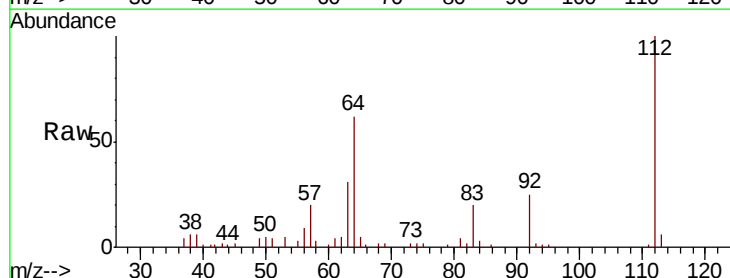
Tgt Ion:112 Resp: 42425

Ion Ratio Lower Upper

112 100

64 61.8 51.8 77.6

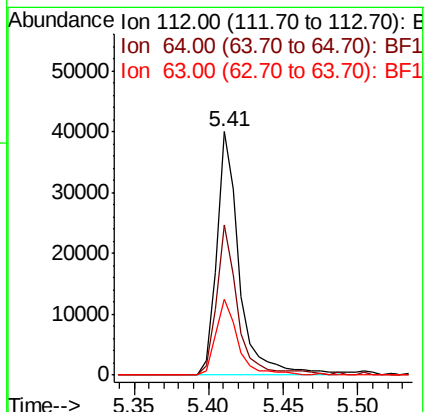
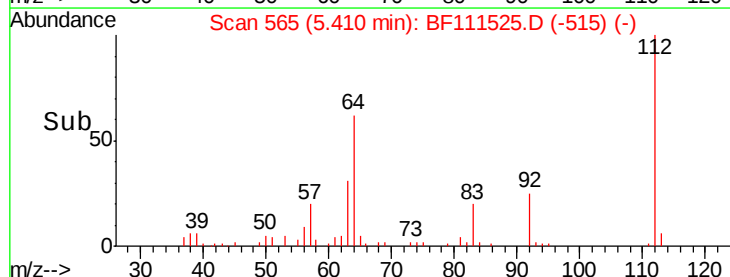
63 31.2 26.8 40.2

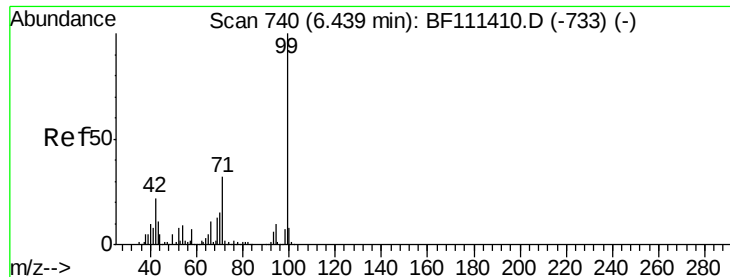


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 3.936 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

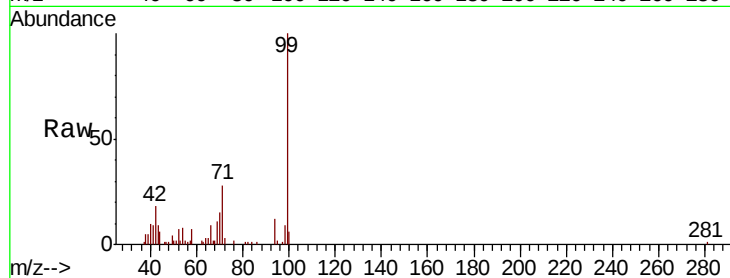
Tgt Ion: 99 Resp: 43193

Ion Ratio Lower Upper

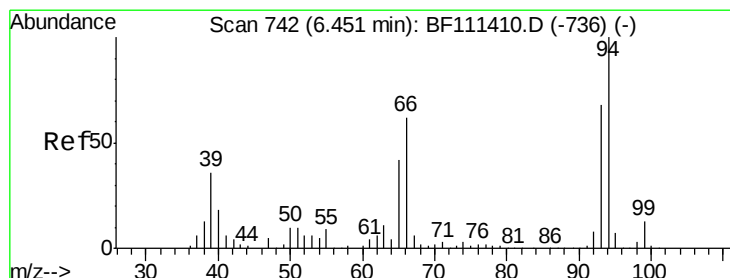
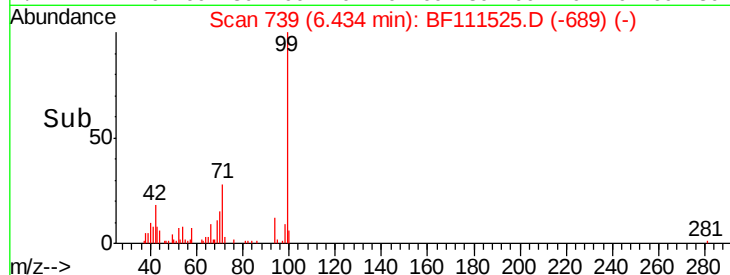
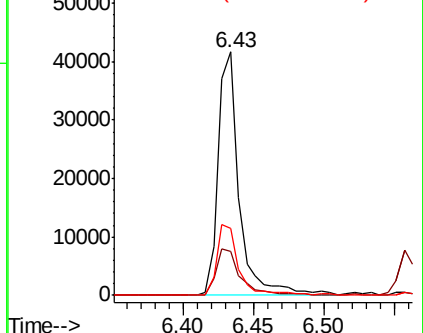
99 100

42 18.0 17.4 26.0

71 27.7 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: 3.473 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

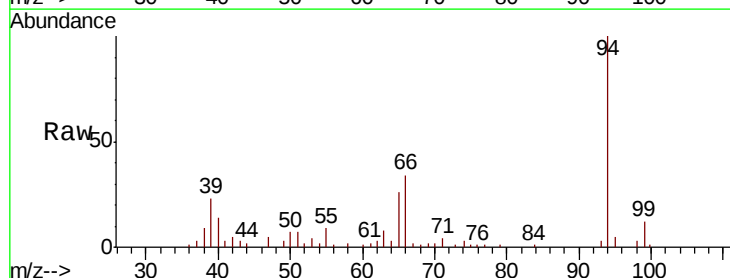
Tgt Ion: 94 Resp: 42449

Ion Ratio Lower Upper

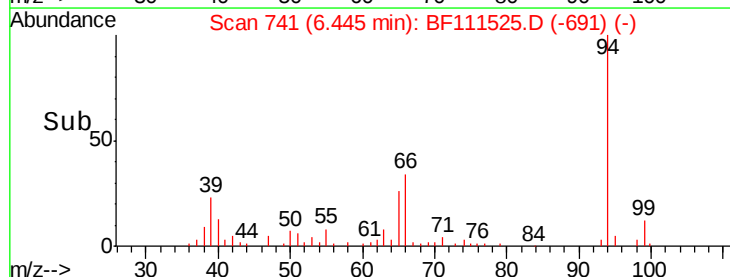
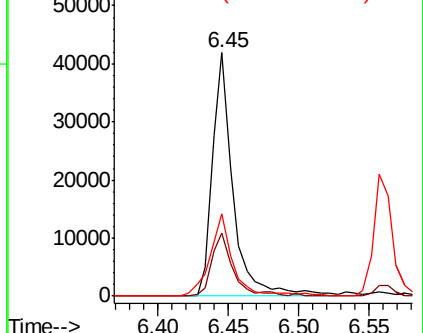
94 100

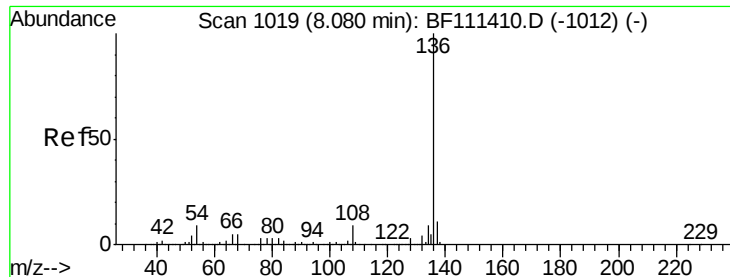
65 26.0 11.7 51.7

66 34.1 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

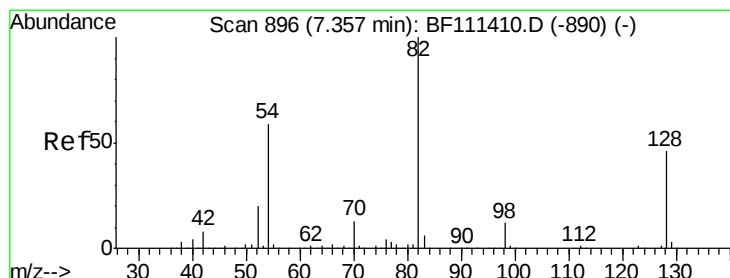
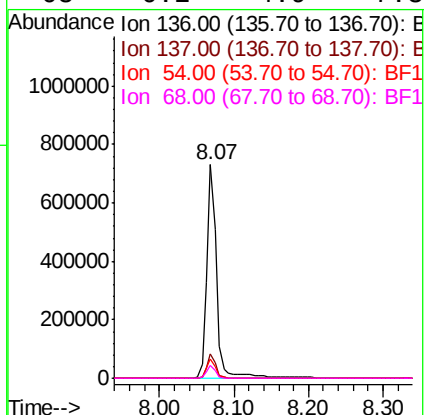
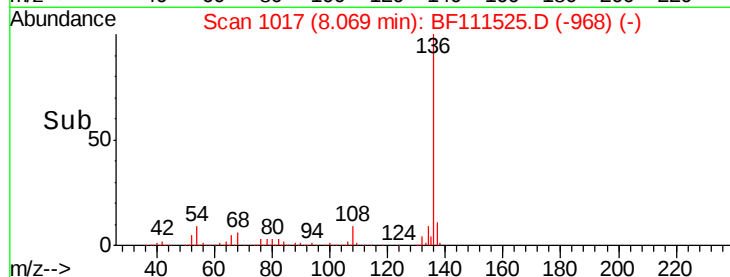
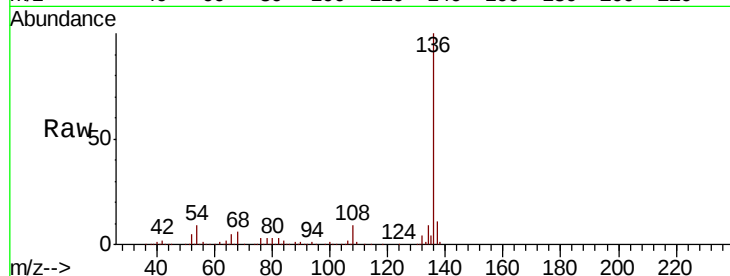




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111525.D
Acq: 16 Dec 2018 23:13

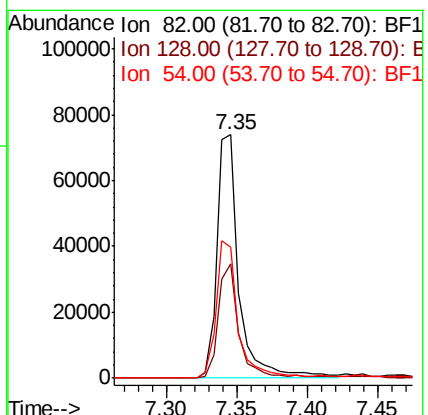
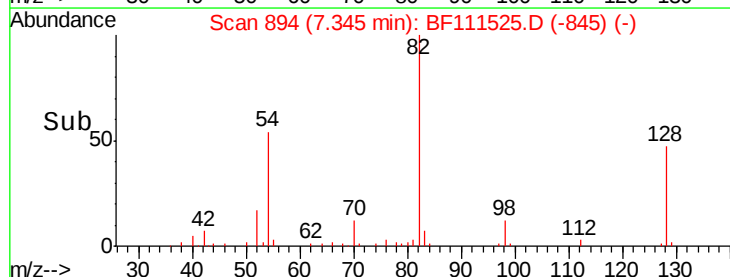
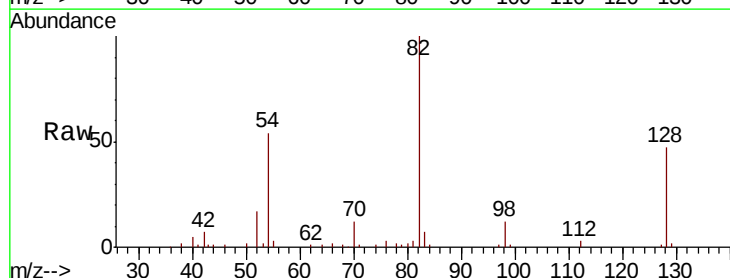
Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

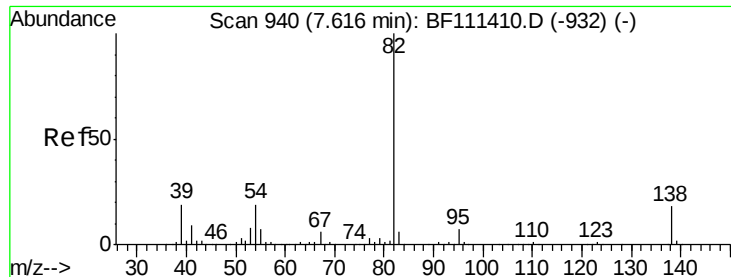
Tgt Ion:	136	Resp:	675612
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.3	7.7	11.5
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 7.045 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111525.D
Acq: 16 Dec 2018 23:13

Tgt Ion:	82	Resp:	79928
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	53.9	47.6	71.4





#25

Isophorone

Concen: 4.164 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

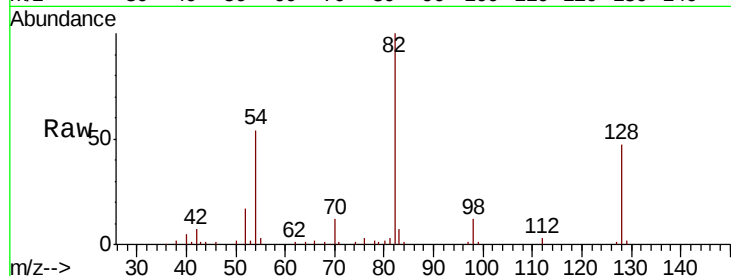
Tgt Ion: 82 Resp: 79927

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

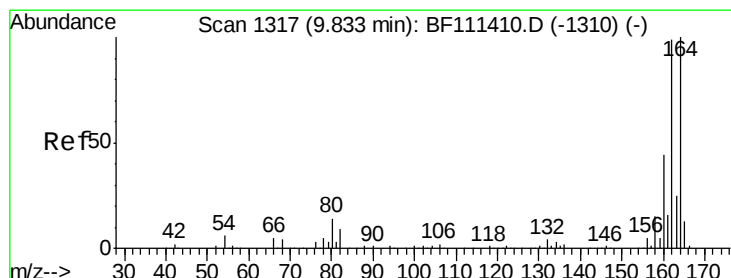
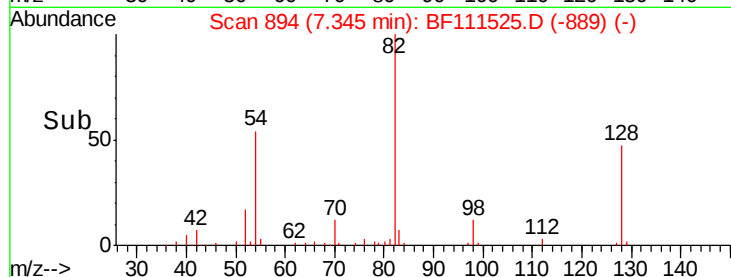
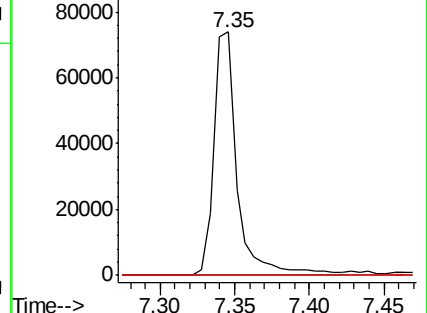
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

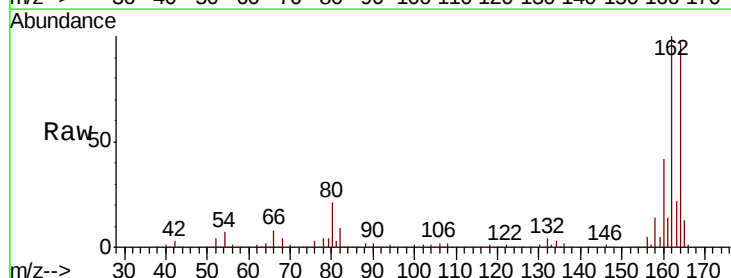
Tgt Ion: 164 Resp: 266713

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

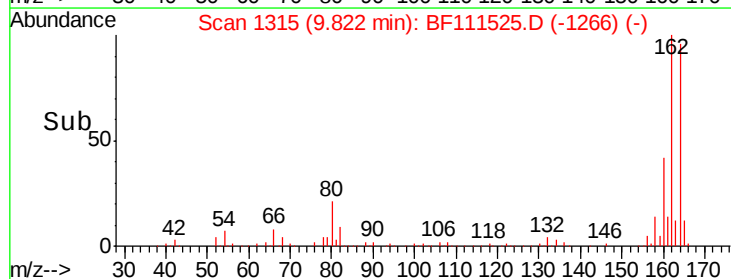
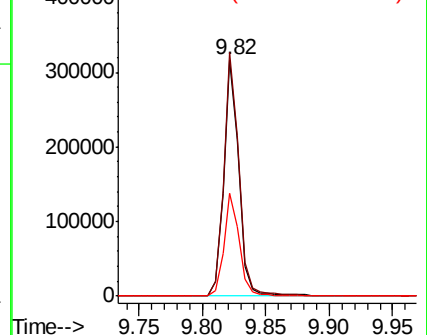
160 43.7 35.7 53.5

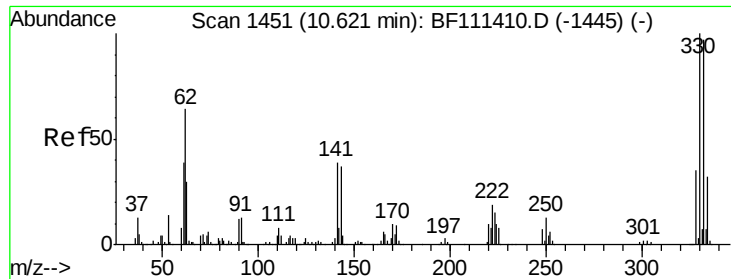


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

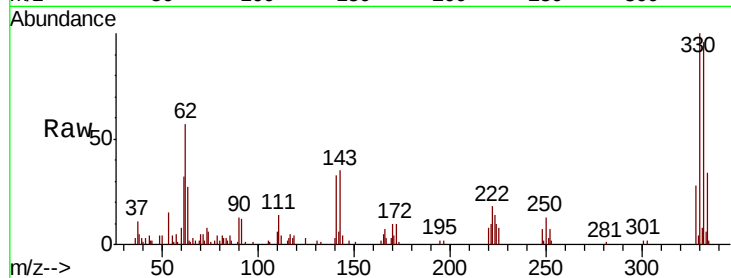




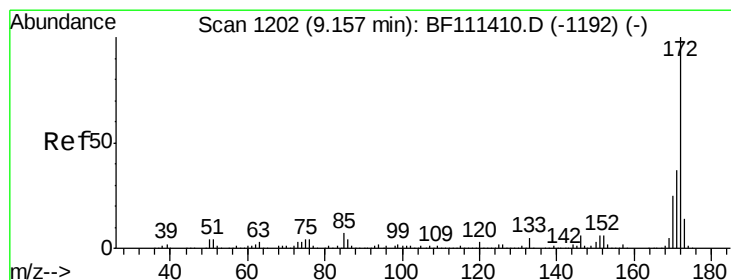
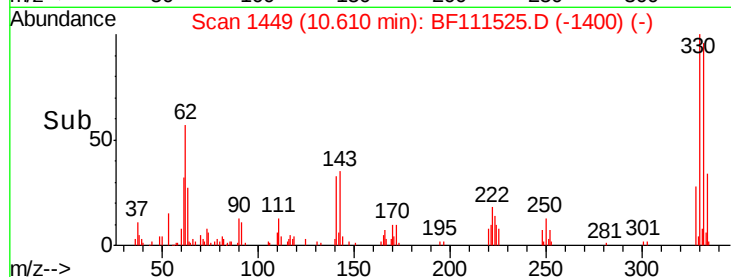
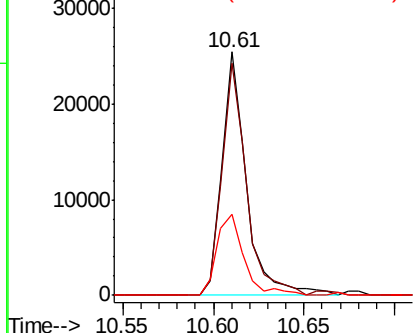
#42
 2,4,6-Tribromophenol
 Concen: 10.025 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111525.D
 Acq: 16 Dec 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Tgt Ion:330 Resp: 23952
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.0 114.0
 141 37.0 31.0 46.6

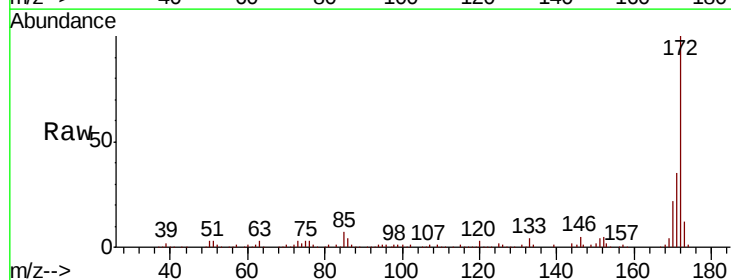


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

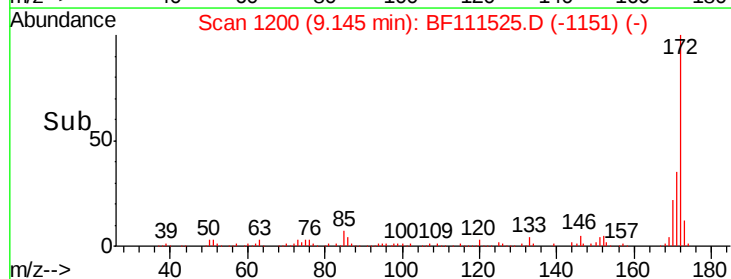
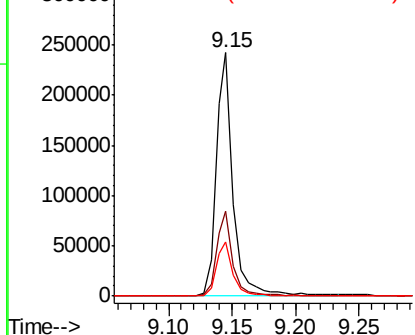


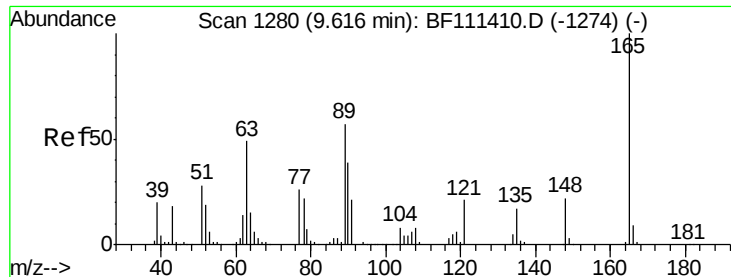
#45
 2-Fluorobiphenyl
 Concen: 13.138 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111525.D
 Acq: 16 Dec 2018 23:13

Tgt Ion:172 Resp: 226861
 Ion Ratio Lower Upper
 172 100
 171 34.8 33.0 49.4
 170 22.0 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

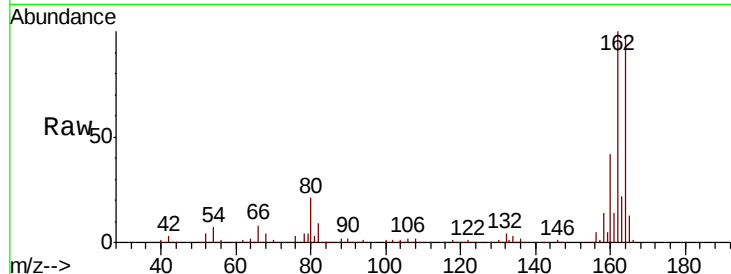




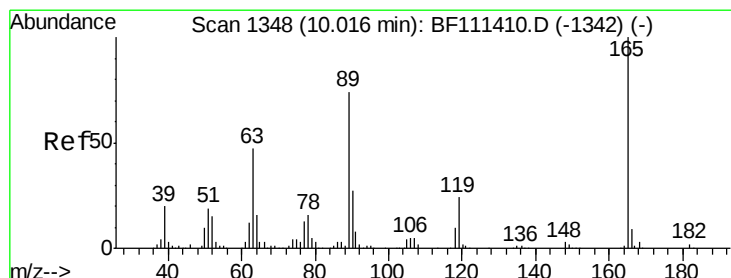
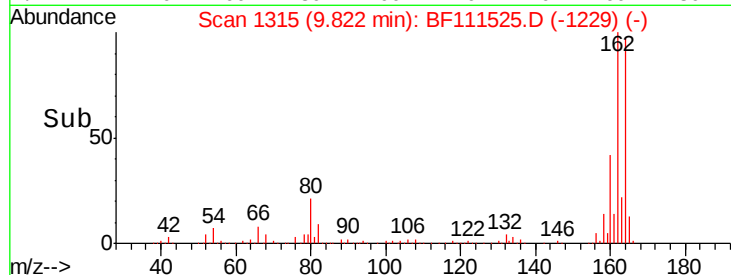
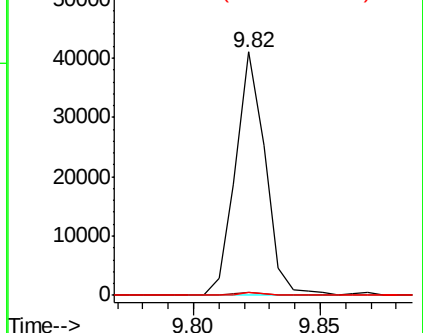
#51
 2,6-Dinitrotoluene
 Concen: 7.718 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111525.D
 Acq: 16 Dec 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW005-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.2	40.0	60.0#

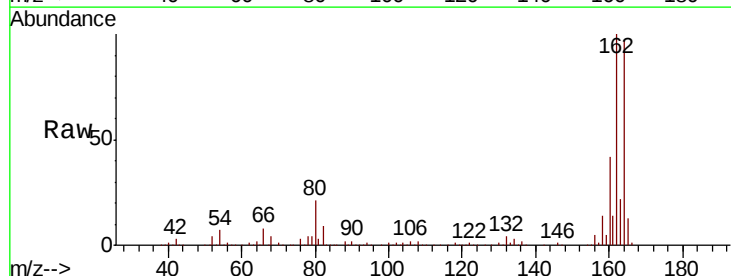


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

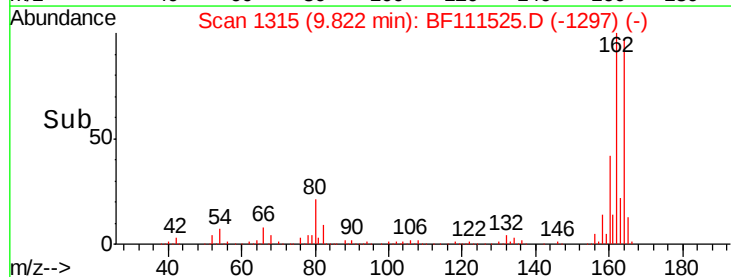
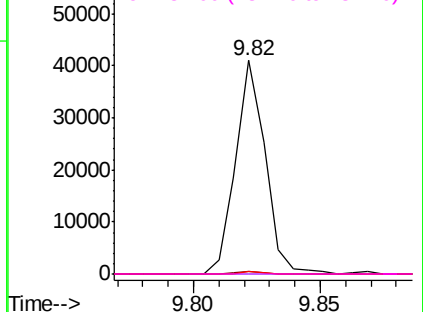


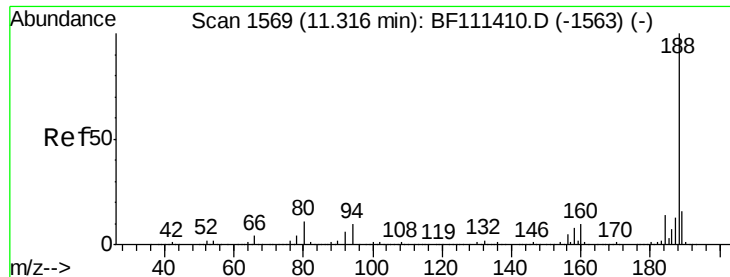
#57
 2,4-Dinitrotoluene
 Concen: 5.880 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111525.D
 Acq: 16 Dec 2018 23:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

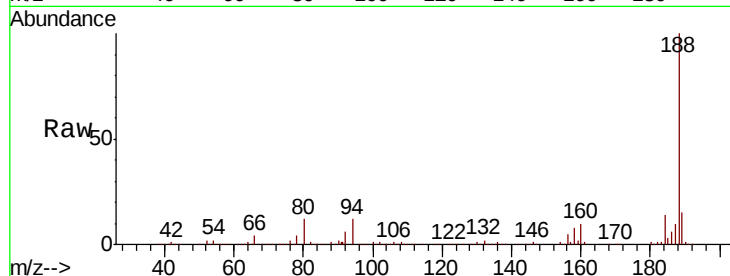
Tgt Ion:188 Resp: 402813

Ion Ratio Lower Upper

188 100

94 11.9 9.6 14.4

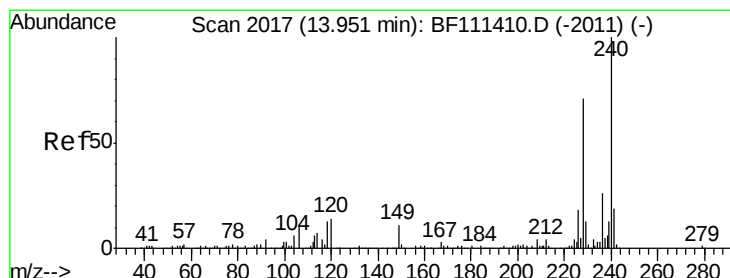
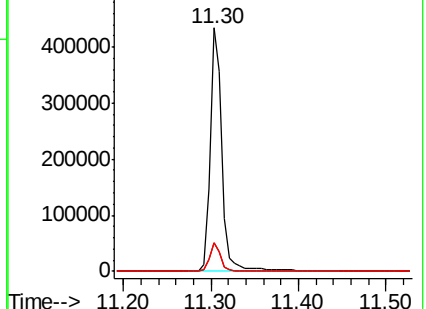
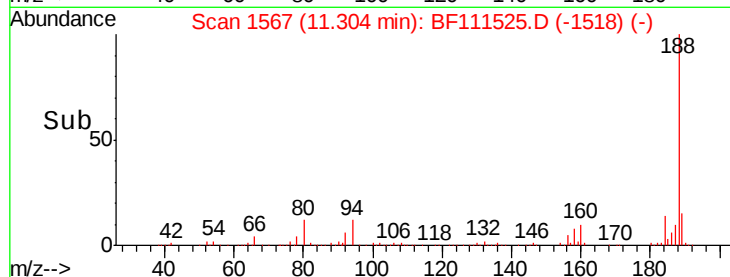
80 11.8 9.8 14.6



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# 2015

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

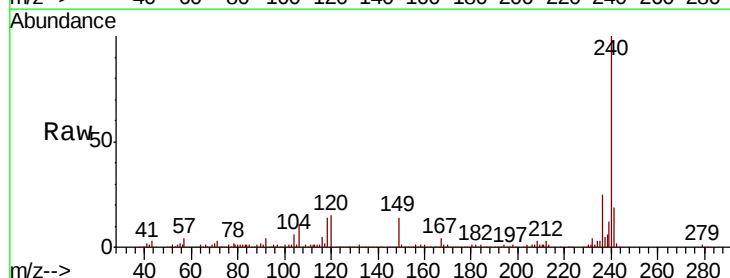
Tgt Ion:240 Resp: 384145

Ion Ratio Lower Upper

240 100

120 14.9 12.2 18.2

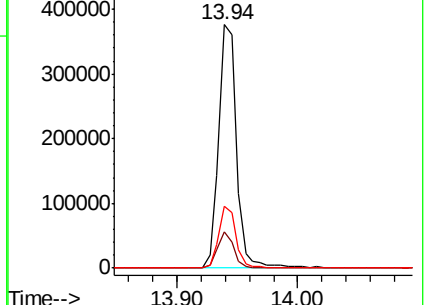
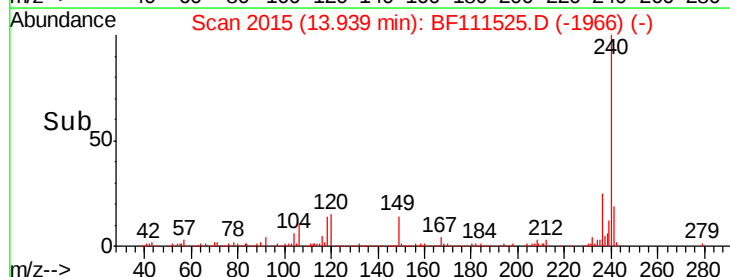
236 25.2 20.2 30.2

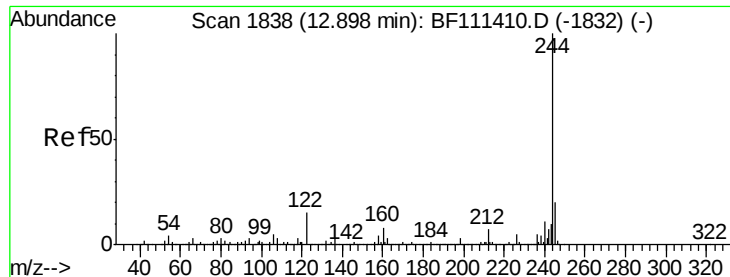


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 13.127 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

Instrument :

BNA_F

ClientSampleId :

P001-SW005-01

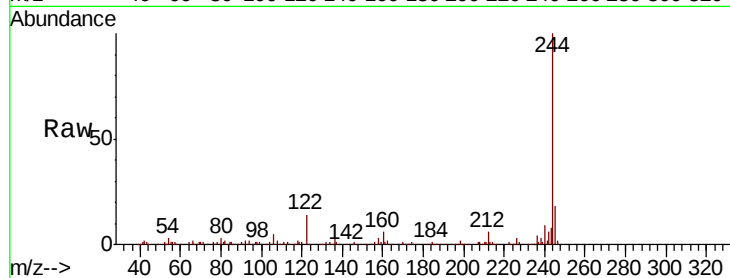
Tgt Ion:244 Resp: 214746

Ion Ratio Lower Upper

244 100

212 5.9 5.7 8.5

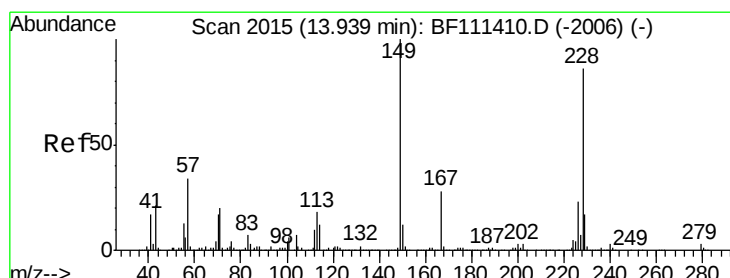
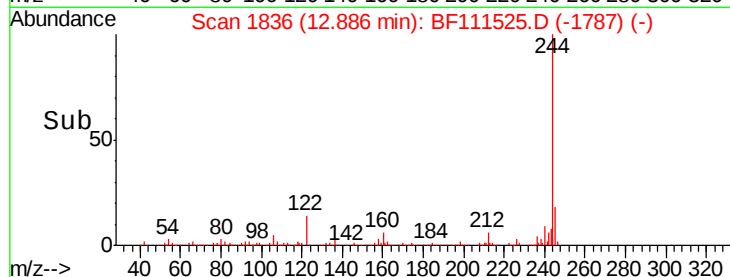
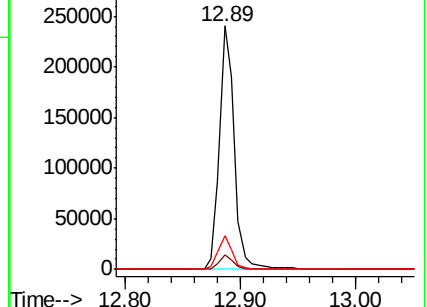
122 13.6 13.1 19.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.910 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF111525.D

Acq: 16 Dec 2018 23:13

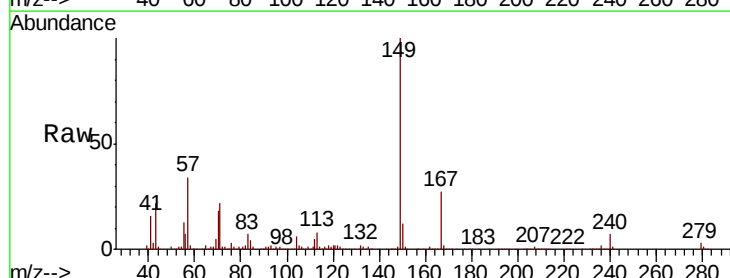
Tgt Ion:149 Resp: 251404

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

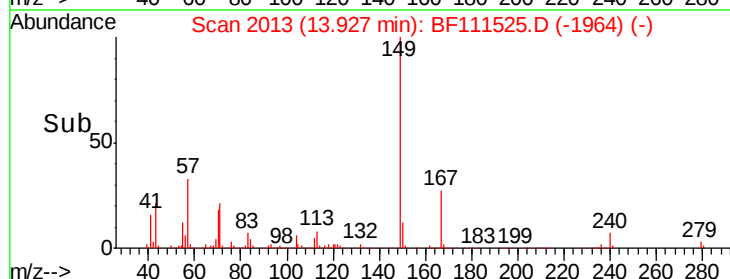
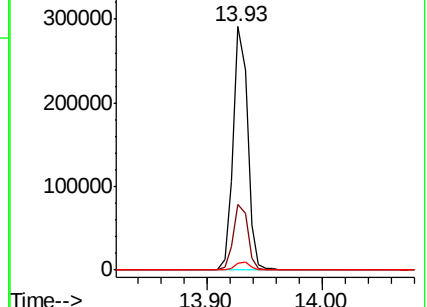
279 3.0 2.6 4.0

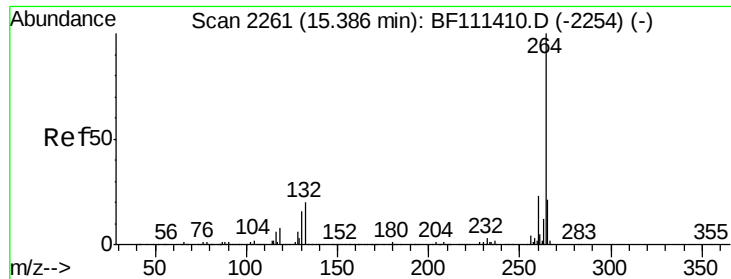


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111525.D
Acq: 16 Dec 2018 23:13

Instrument :
BNA_F
ClientSampleId :
P001-SW005-01

Tgt Ion:	264	Resp:	285055
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.3	17.7	26.5

