

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109261.D
 Acq On : 24 Sep 2018 12:31
 Operator : JU/SJ
 Sample : J5025-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041

Quant Time: Sep 24 16:51:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

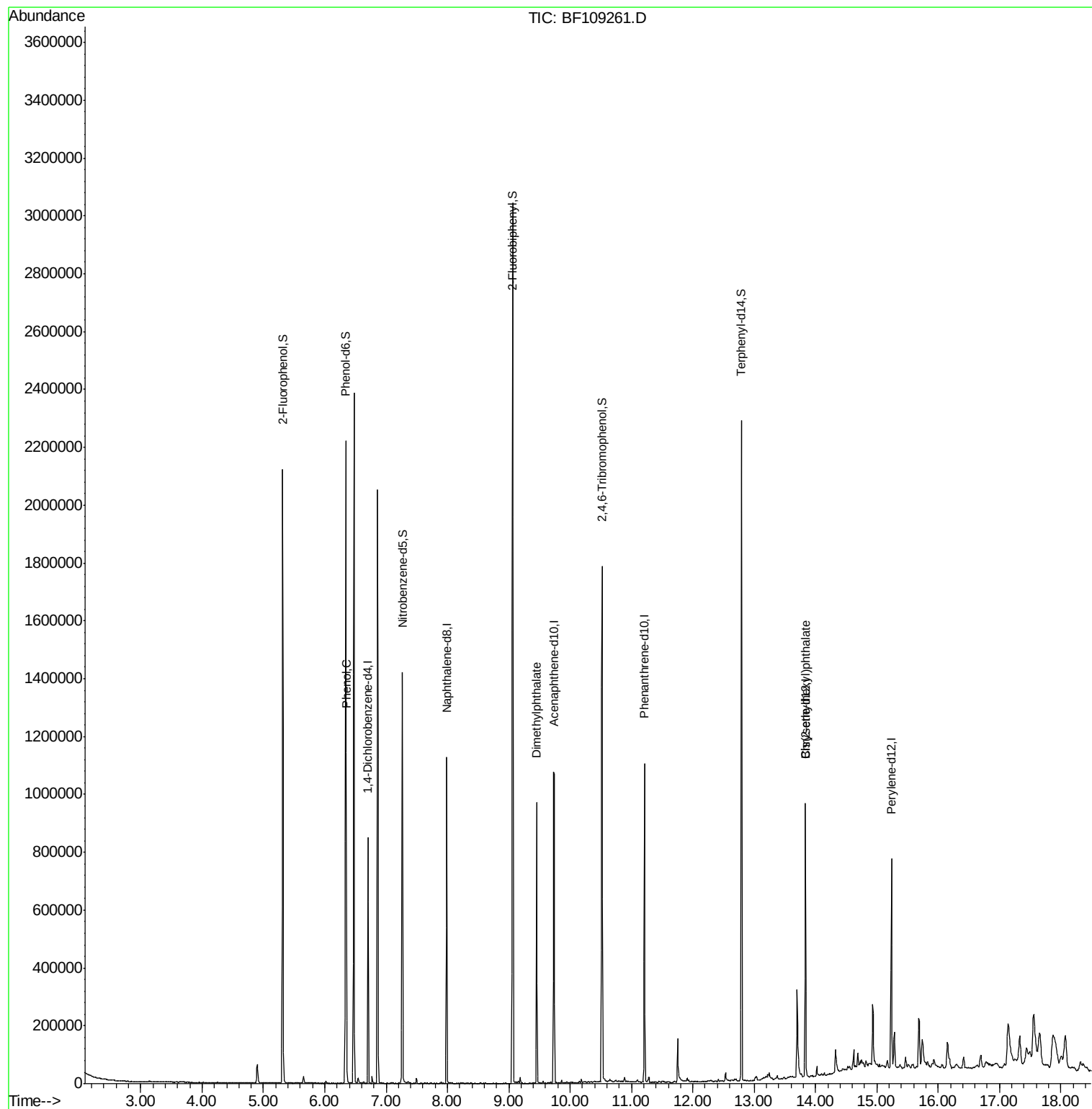
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115390	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446194	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	215687	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	414284	20.00	ng	0.00
75) Chrysene-d12	13.84	240	290054	20.00	ng	0.00
86) Perylene-d12	15.24	264	313056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	581941	83.07	ng	0.00
7) Phenol-d6	6.35	99	760009	85.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	477819	63.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	203200	95.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	884763	61.87	ng	-0.01
78) Terphenyl-d14	12.79	244	794144	67.19	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	37774	3.731	ng	98
49) Dimethylphthalate	9.46	163	332618	21.203	ng	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	33271	2.983	ng	99

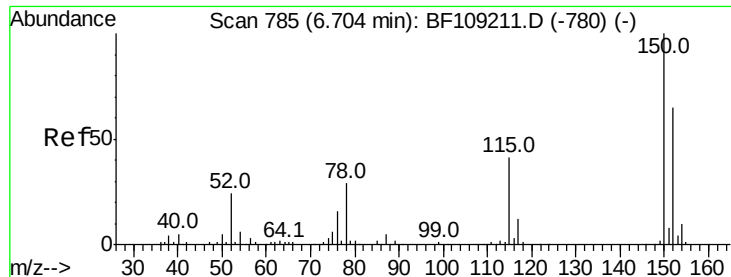
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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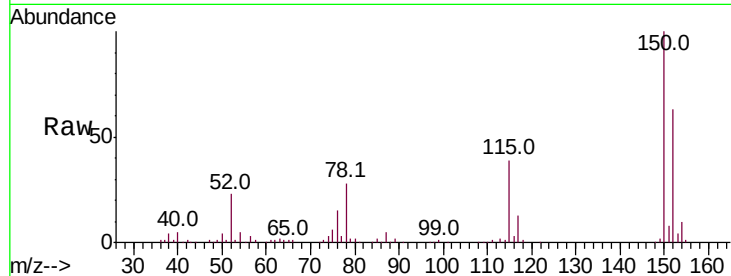


#1

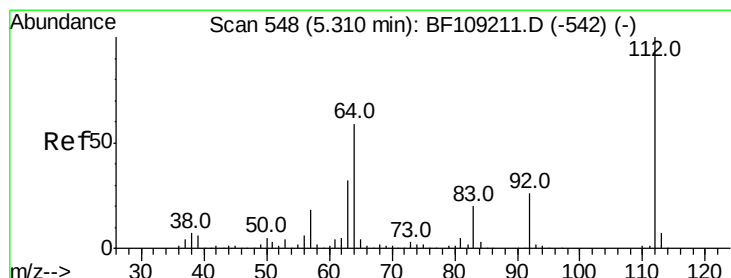
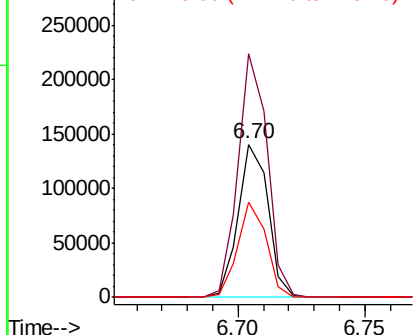
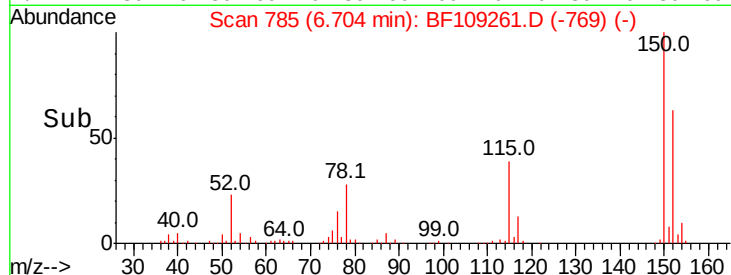
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041

Tot Ion:152 Resp: 115390
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.7 50.1 75.1



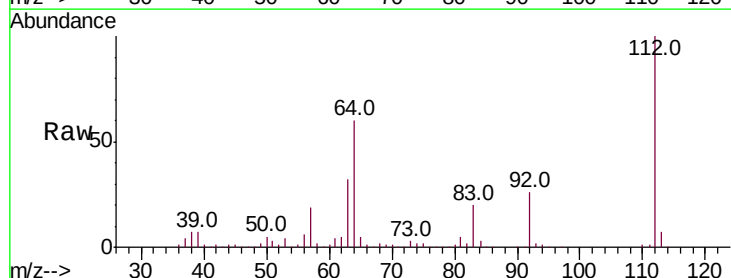
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



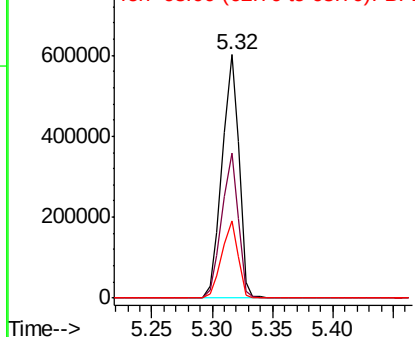
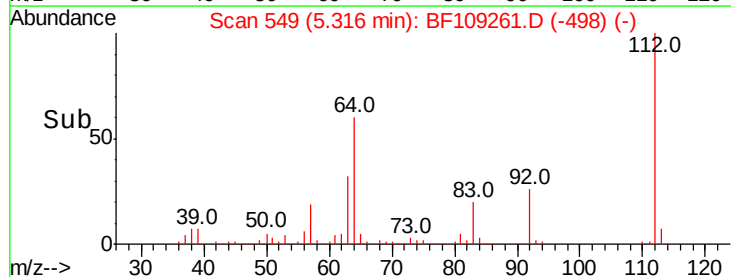
#5

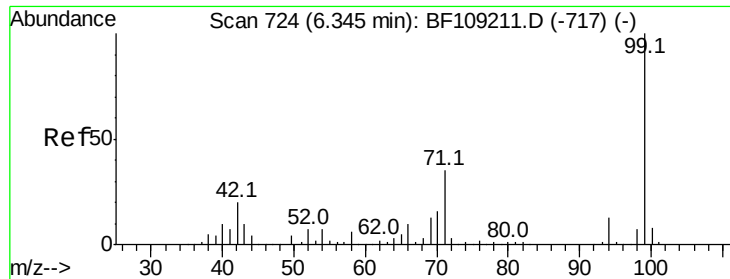
2-Fluorophenol
Concen: 83.066 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion:112 Resp: 581941
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 31.5 23.7 35.5



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: 85.016 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-041

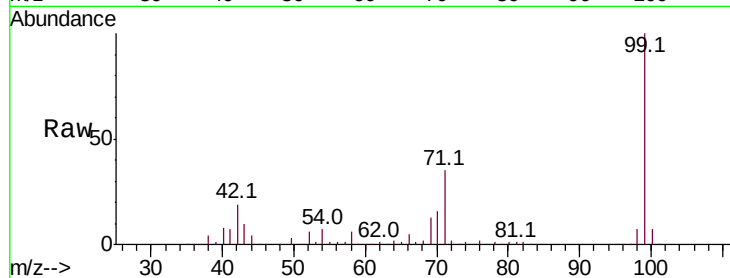
Tot Ion: 99 Resp: 760009

Ion Ratio Lower Upper

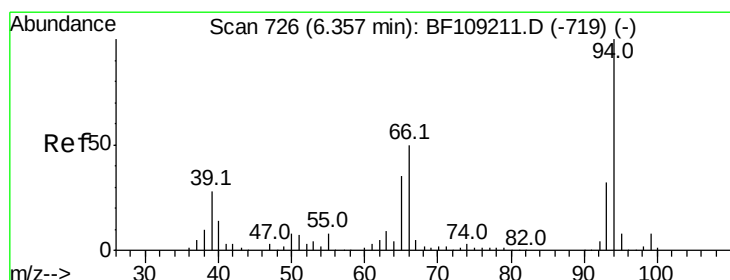
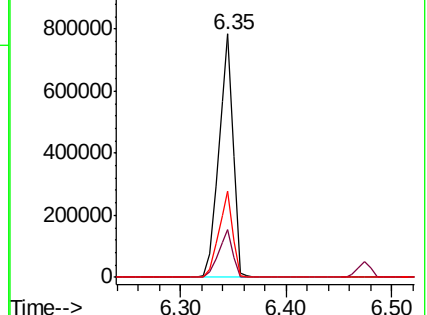
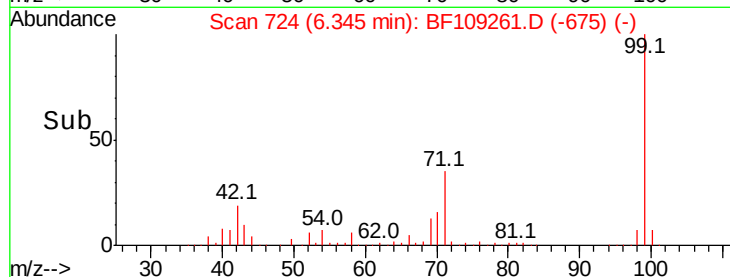
99 100

42 19.4 14.5 21.7

71 35.3 25.4 38.0



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: 3.731 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

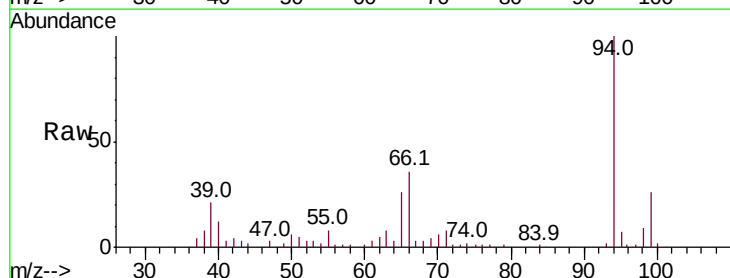
Tgt Ion: 94 Resp: 37774

Ion Ratio Lower Upper

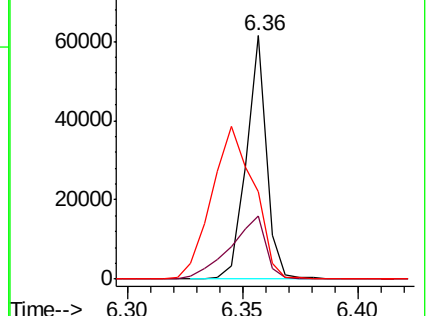
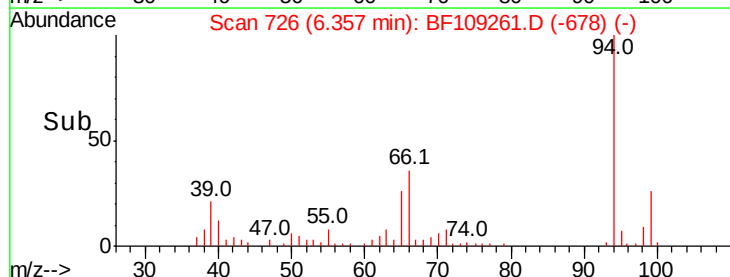
94 100

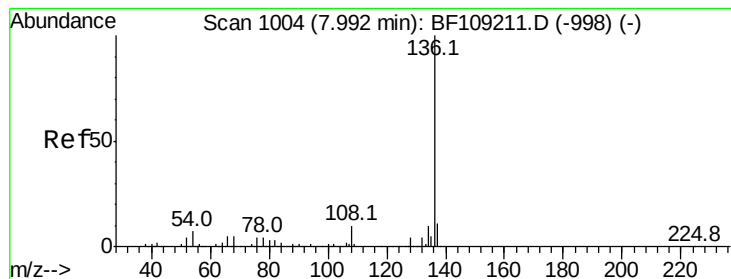
65 25.7 7.9 47.9

66 36.0 16.2 56.2



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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-041

Tot Ion:136 Resp: 446194

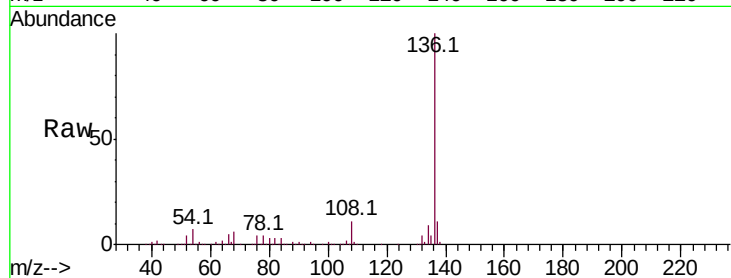
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

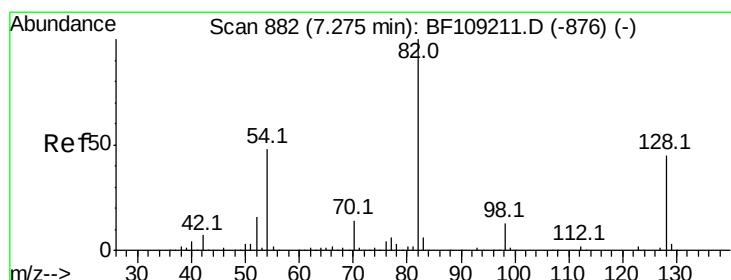
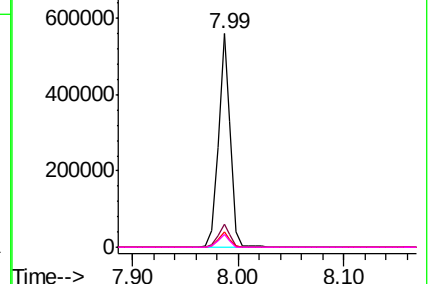
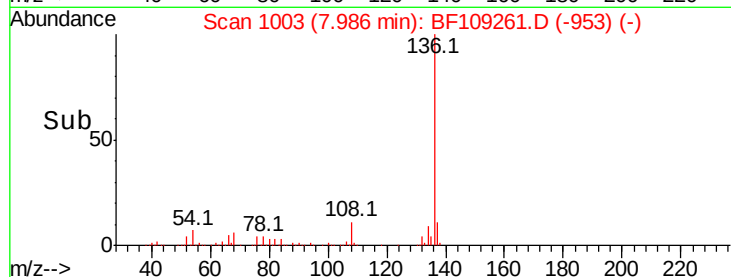


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.216 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

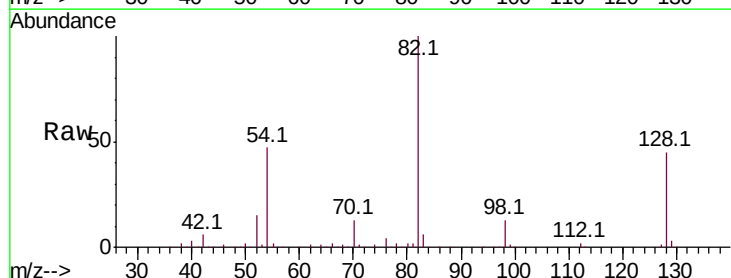
Tgt Ion: 82 Resp: 477819

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

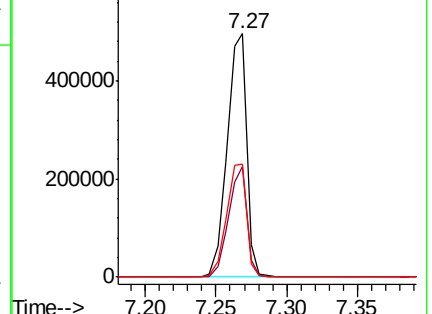
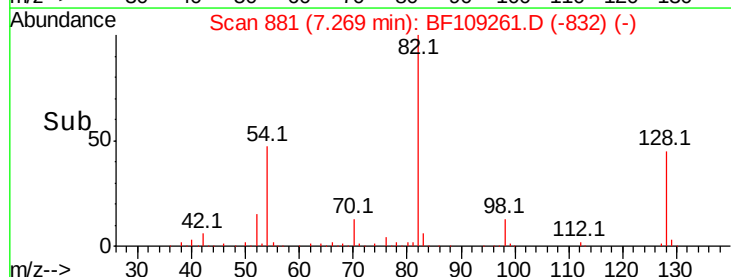
54 46.5 41.4 62.2

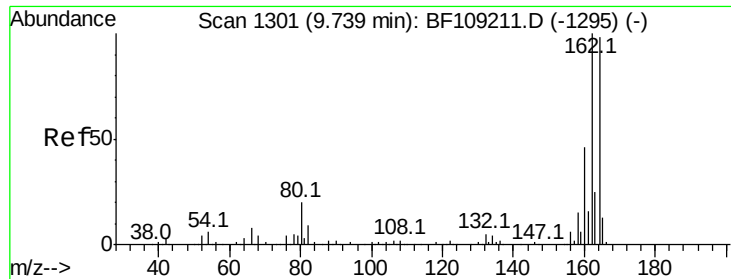


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-041

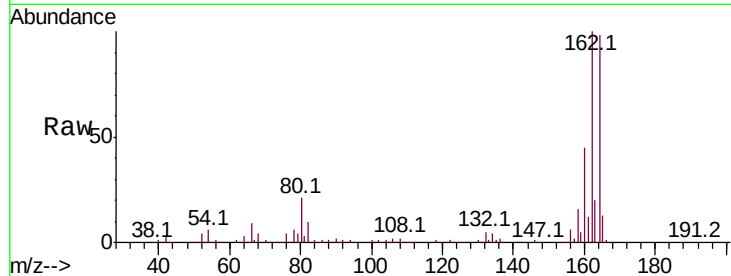
Tot Ion:164 Resp: 215687

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

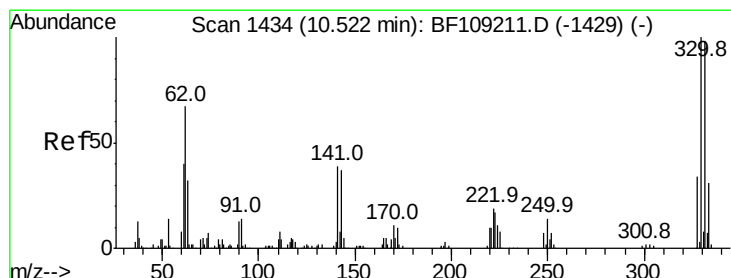
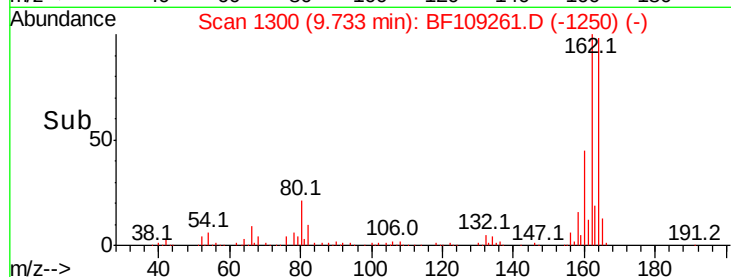
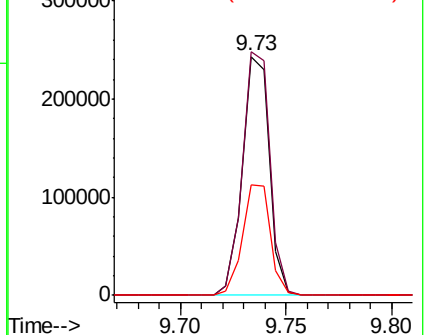
160 46.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 95.568 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

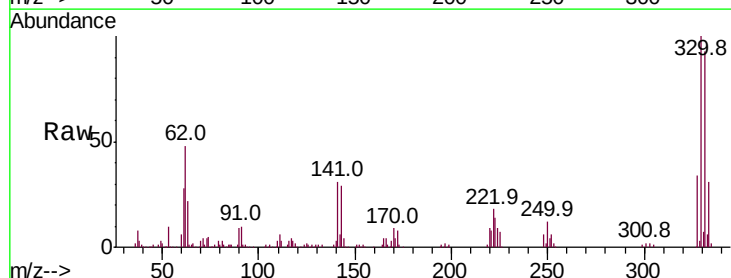
Tgt Ion:330 Resp: 203200

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

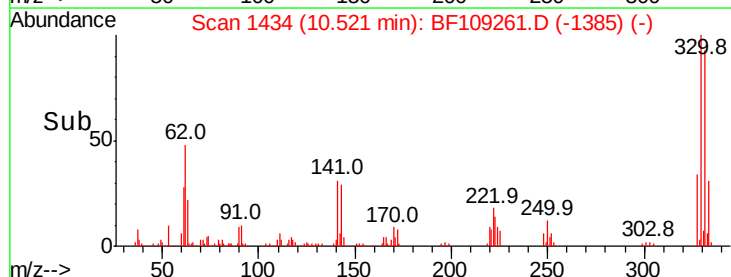
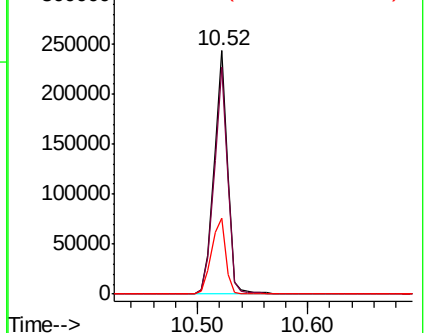
141 32.7 29.9 44.9

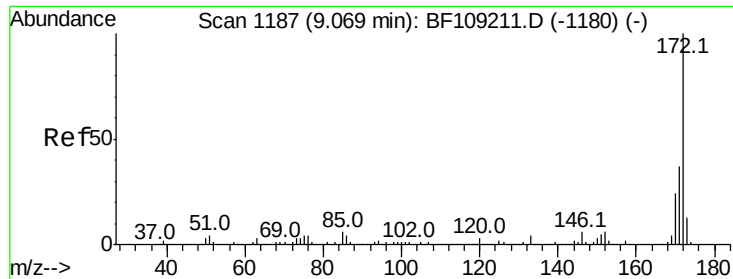


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

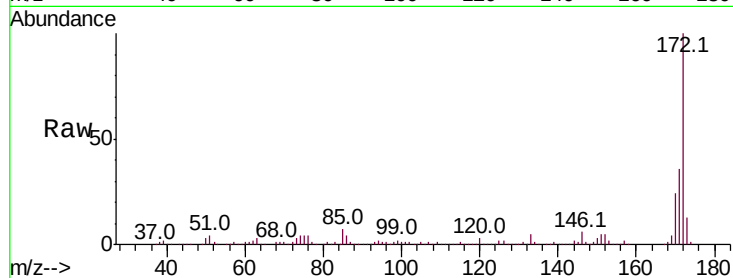




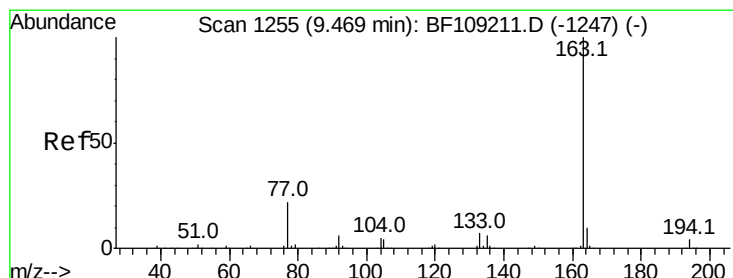
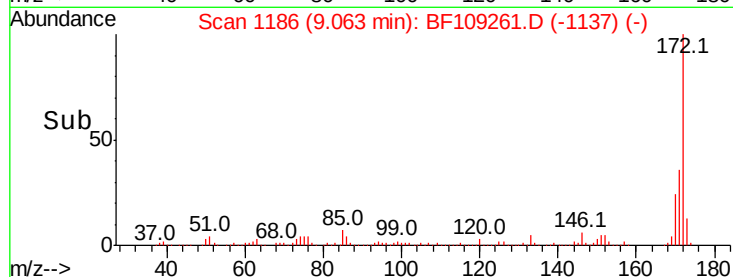
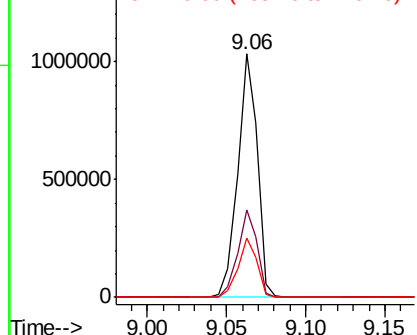
#44
 2-Fluorobiphenyl
 Concen: 61.867 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109261.D
 Acq: 24 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041

Tot Ion:172 Resp: 884763
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 19.6 29.4

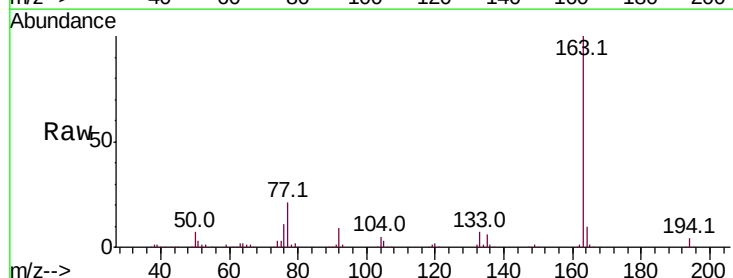


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

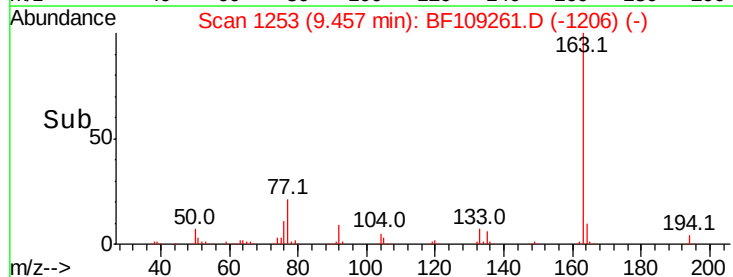
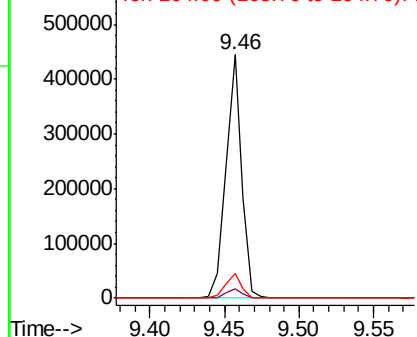


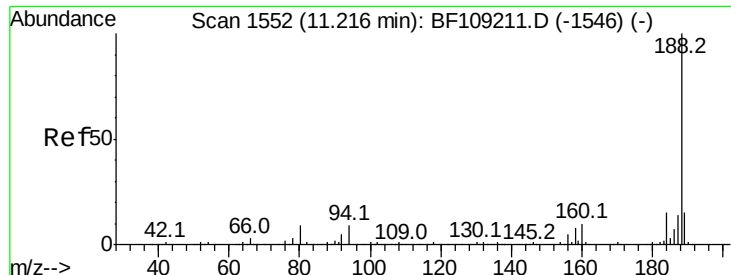
#49
 Dimethylphthalate
 Concen: 21.203 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109261.D
 Acq: 24 Sep 2018 12:31

Tgt Ion:163 Resp: 332618
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.2 8.2 12.2



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

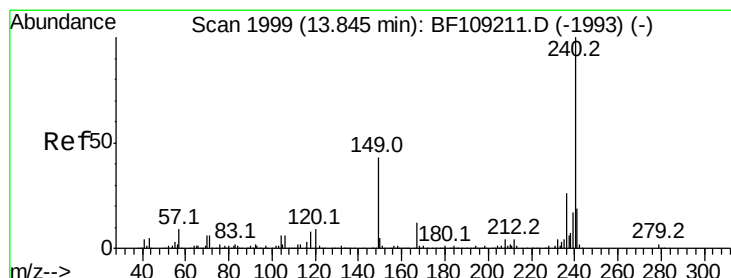
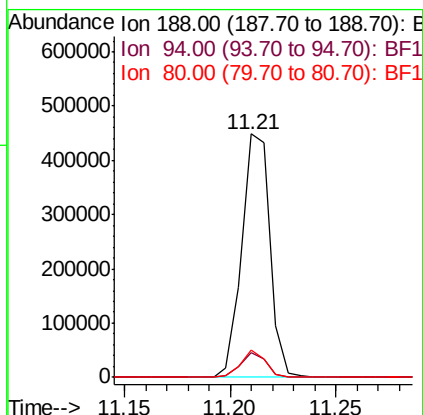
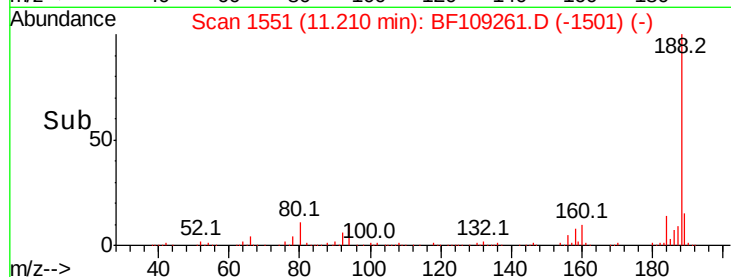
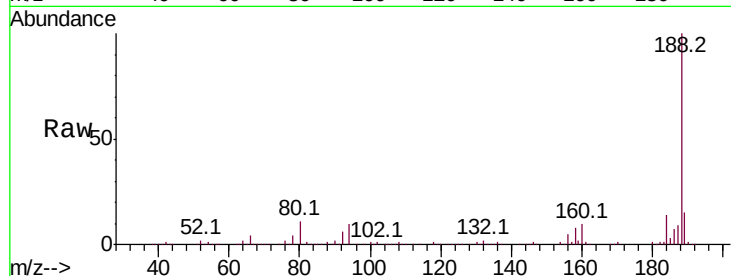




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

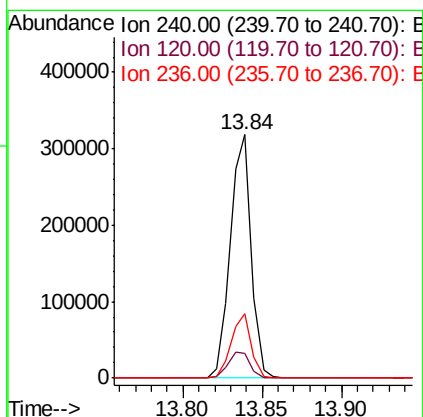
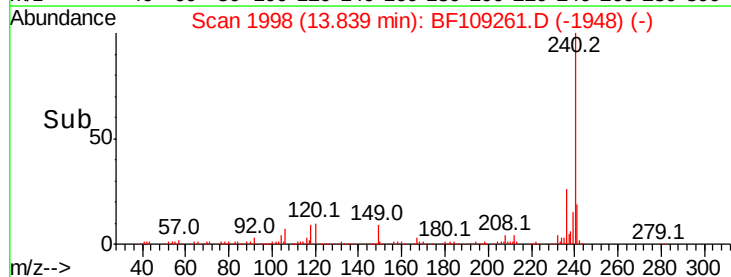
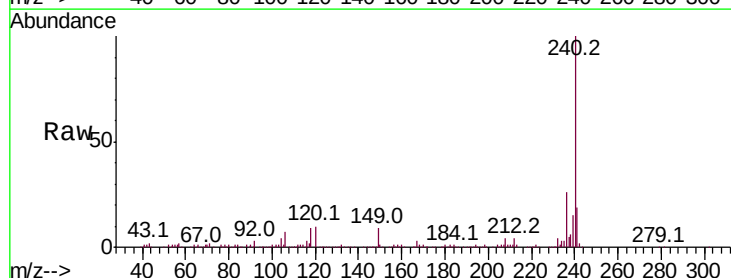
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041

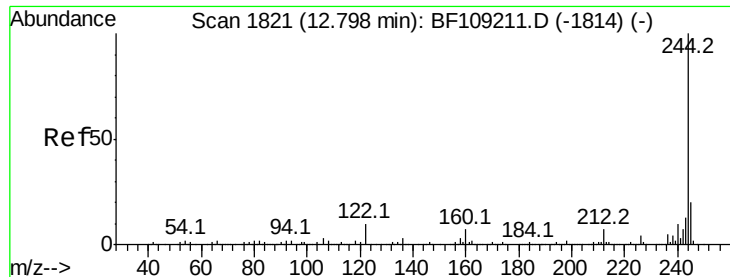
Tot Ion:188 Resp: 414284
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion:240 Resp: 290054
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 67.193 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-041

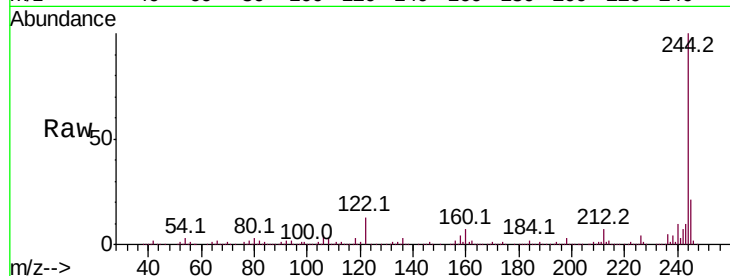
Tot Ion:244 Resp: 794144

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

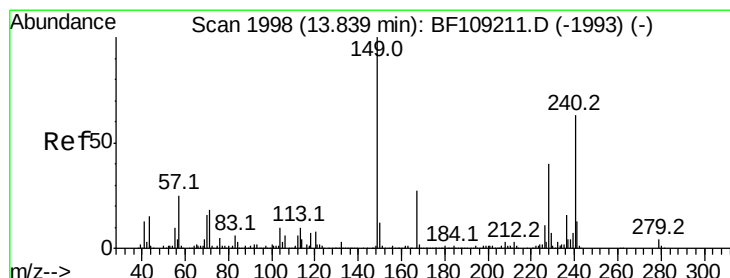
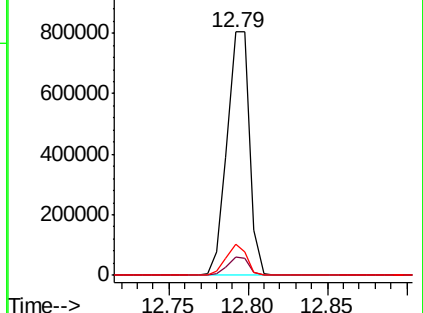
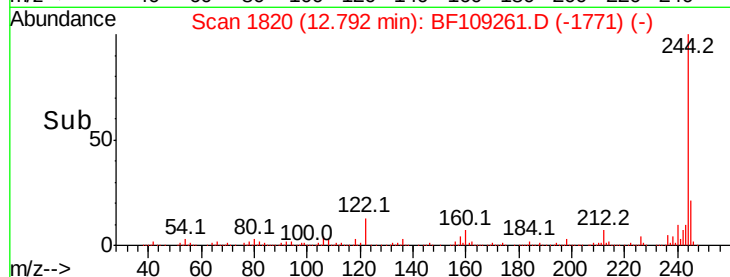
122 12.8 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.983 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

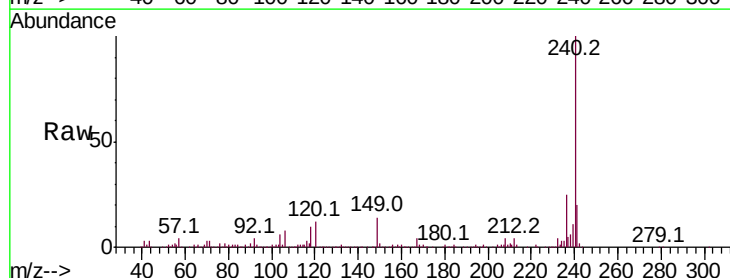
Tgt Ion:149 Resp: 33271

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

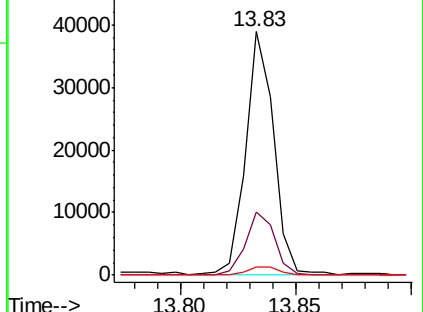
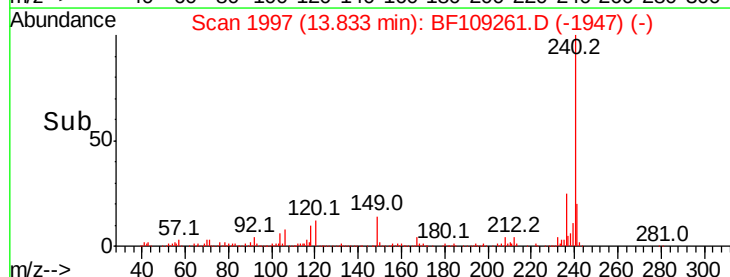
279 3.4 3.0 4.4

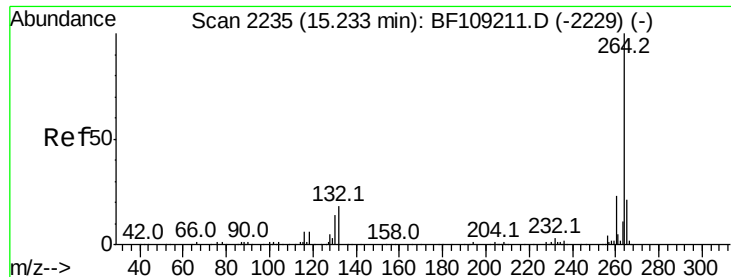


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109261.D
 Acq: 24 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

