

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109542.D
 Acq On : 3 Oct 2018 13:29
 Operator : JU/SJ
 Sample : J5192-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-A

Quant Time: Oct 03 15:01:31 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

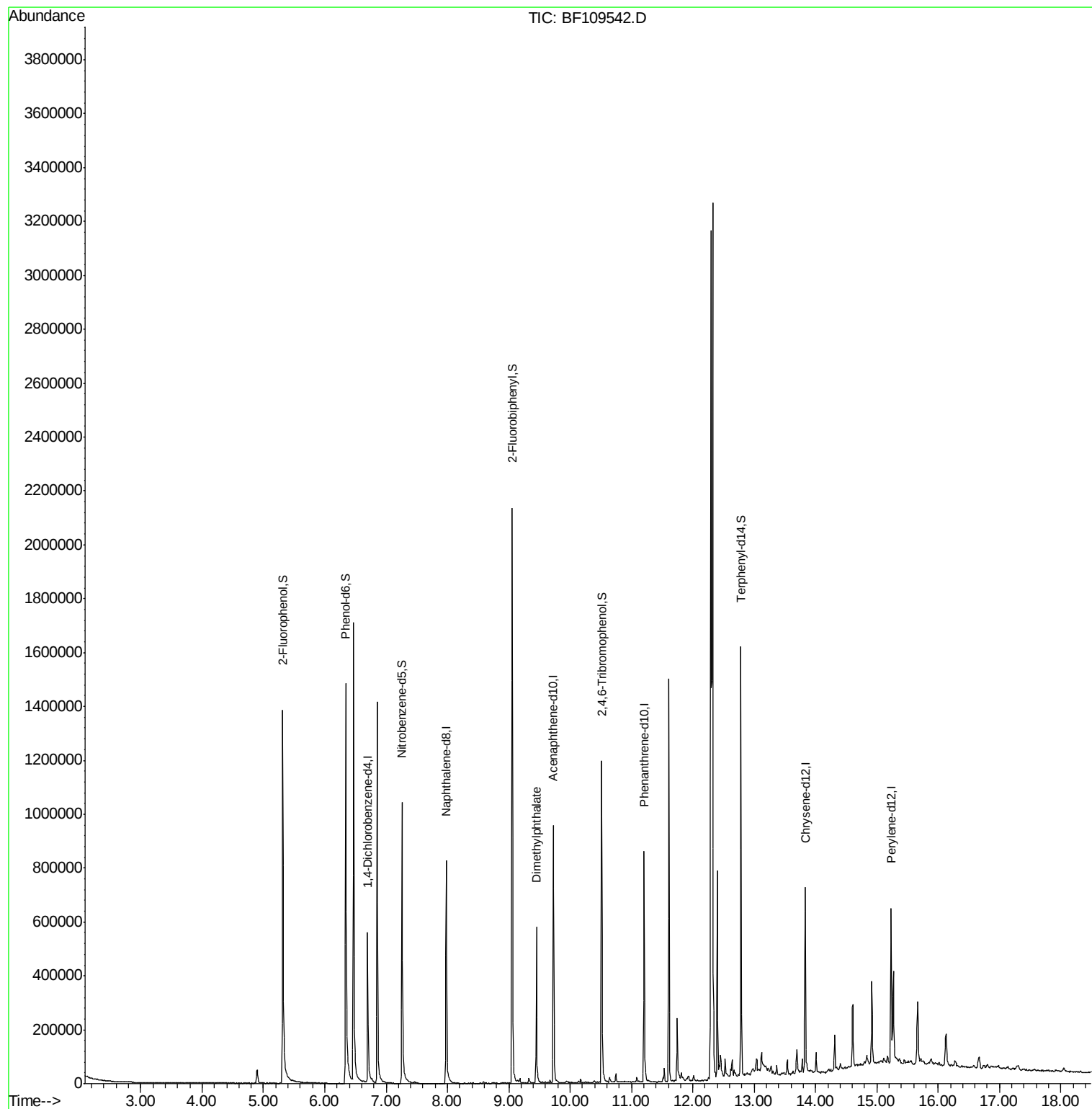
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108751	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	426981	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	200282	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	367442	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	240705	20.00	ng	-0.01
86) Perylene-d12	15.23	264	265290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	480904	72.83	ng	0.00
7) Phenol-d6	6.35	99	648105	76.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	414212	57.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	159841	80.96	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	703925	53.01	ng	-0.02
78) Terphenyl-d14	12.79	244	517914	52.81	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	251386	17.257	ng	99

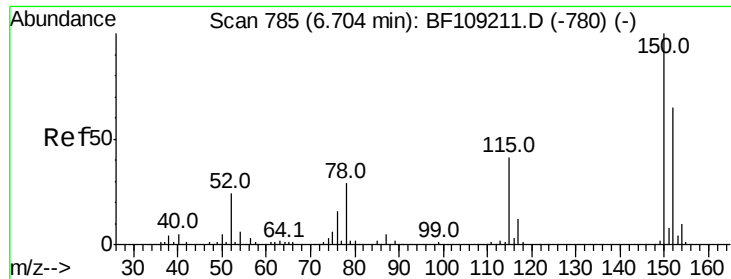
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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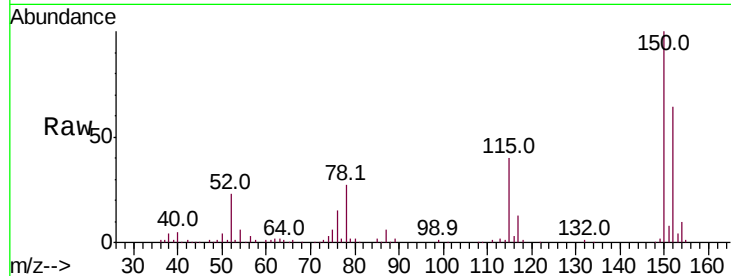


#1

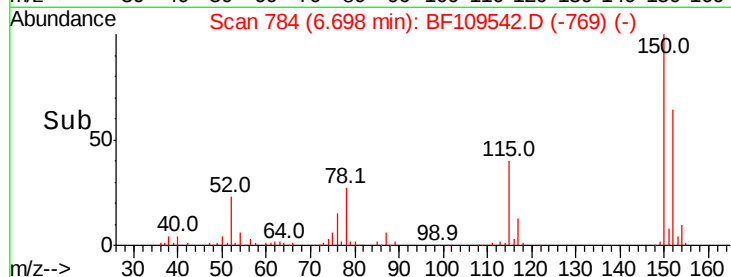
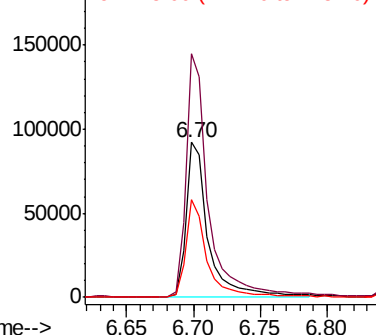
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-A

Tot Ion:152 Resp: 108751
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.8 50.1 75.1



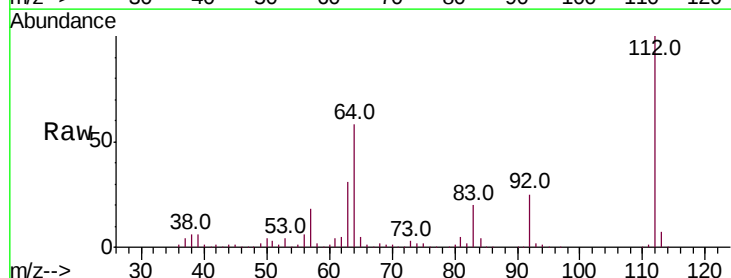
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



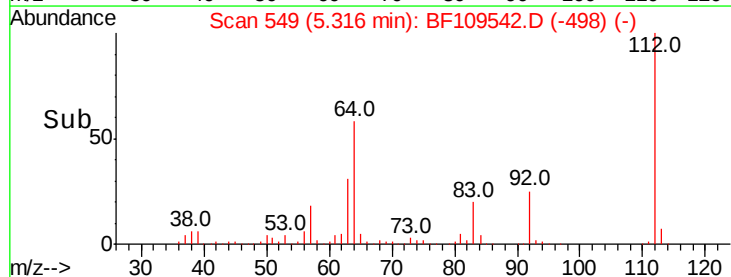
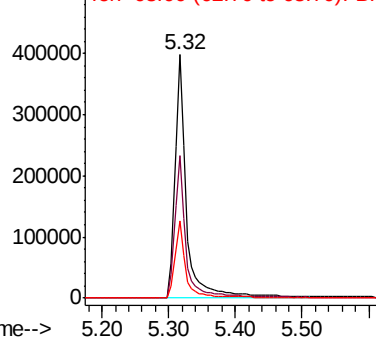
#5

2-Fluorophenol
Concen: 72.835 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Tgt Ion:112 Resp: 480904
Ion Ratio Lower Upper
112 100
64 58.3 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: 76.924 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109542.D

Acq: 3 Oct 2018 13:29

Instrument :

BNA_F

ClientSampleId :

AU-05-100218-A

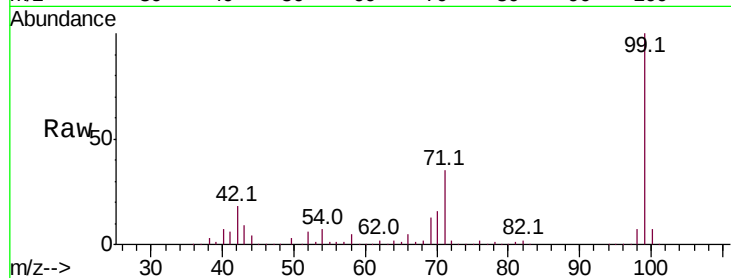
Tot Ion: 99 Resp: 648105

Ion Ratio Lower Upper

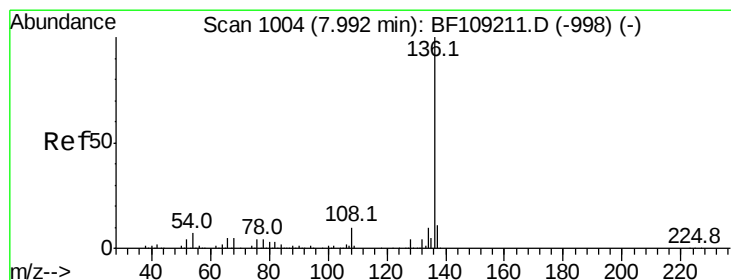
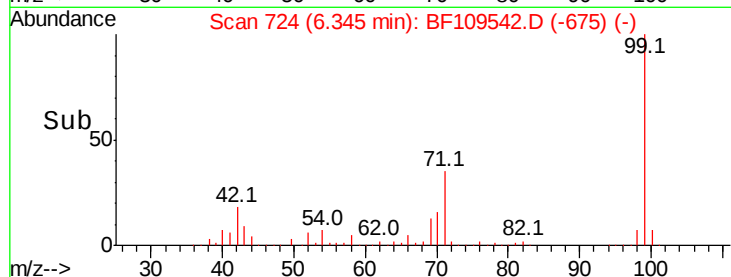
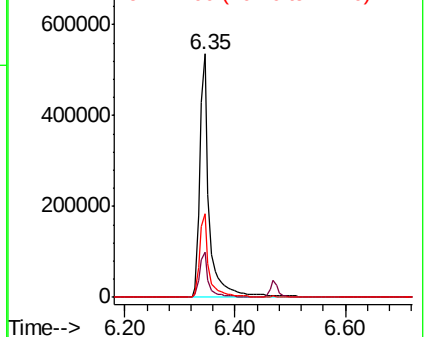
99 100

42 18.4 14.5 21.7

71 34.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109542.D

Acq: 3 Oct 2018 13:29

Tgt Ion: 136 Resp: 426981

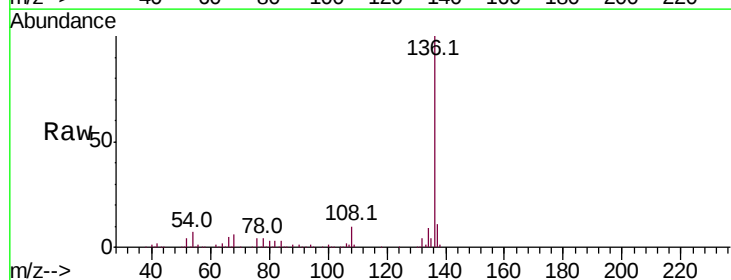
Ion Ratio Lower Upper

136 100

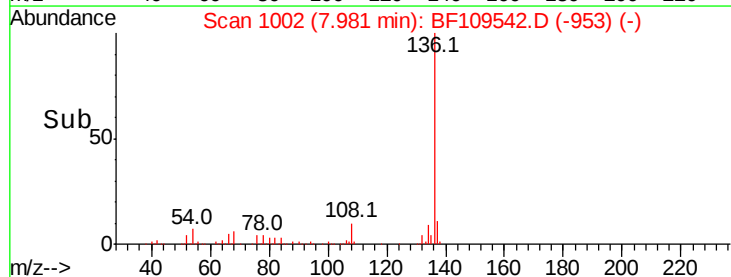
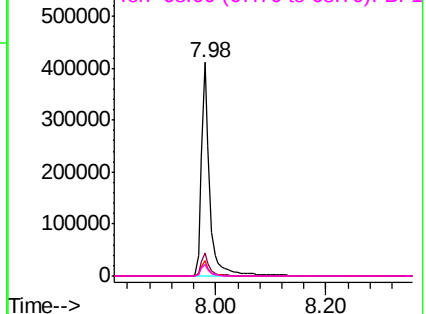
137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.5 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

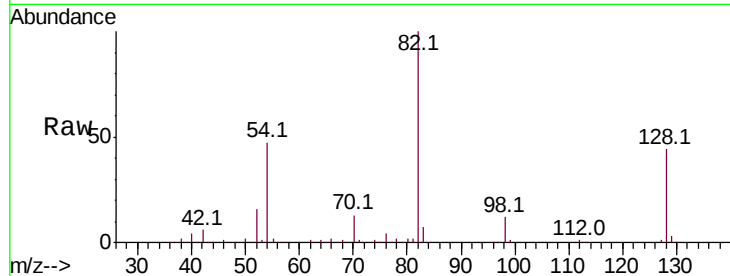




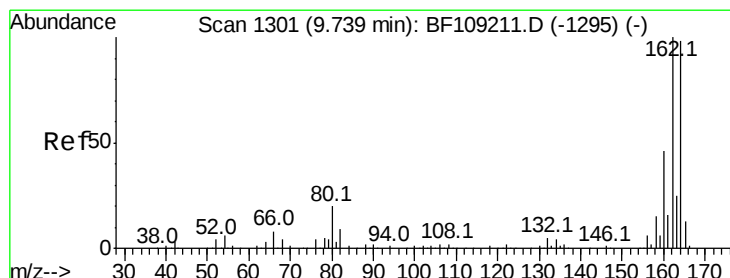
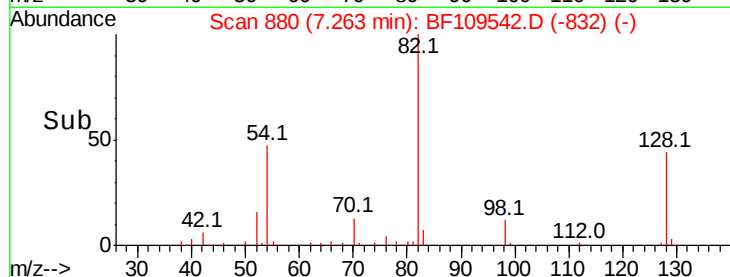
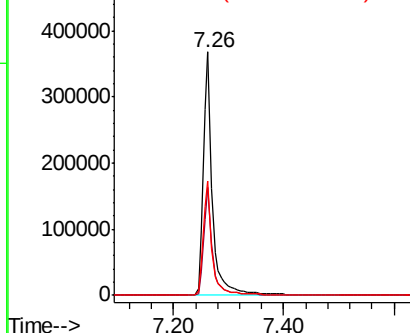
#23
Nitrobenzene-d5
Concen: 57.266 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-A

Tot Ion: 82 Resp: 414212
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 47.2 41.4 62.2

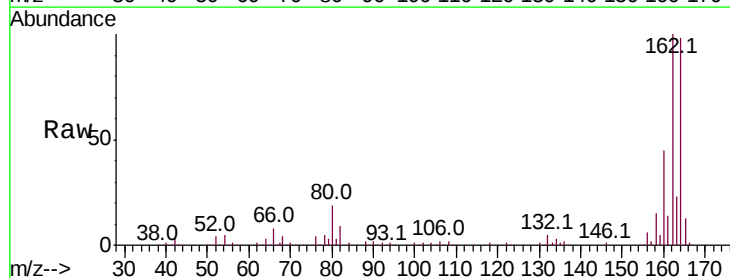


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

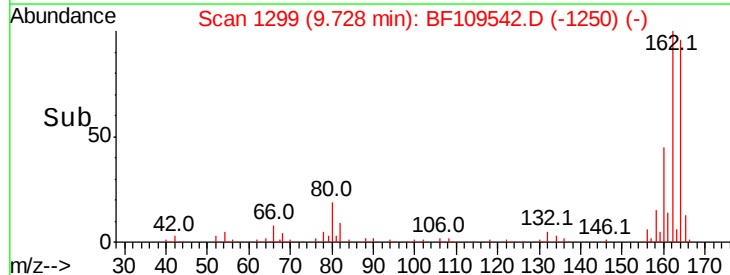
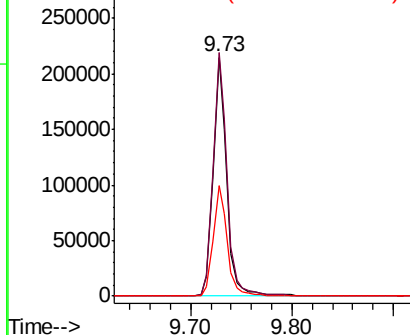


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Tgt Ion:164 Resp: 200282
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.1 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

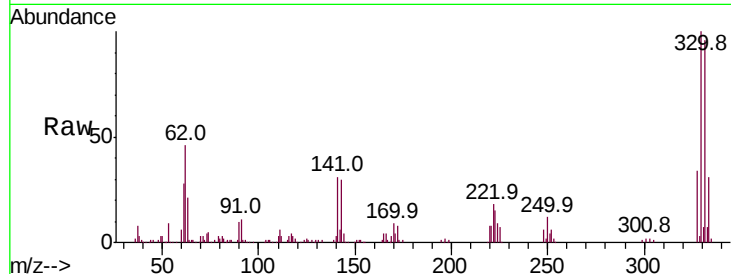




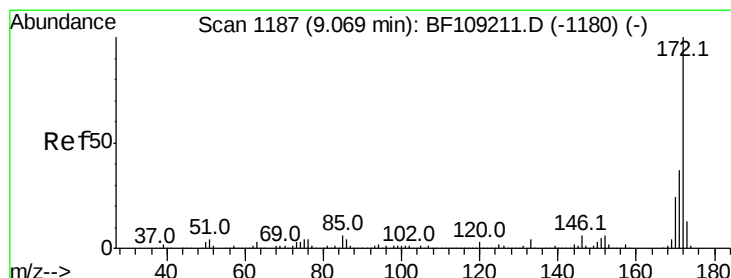
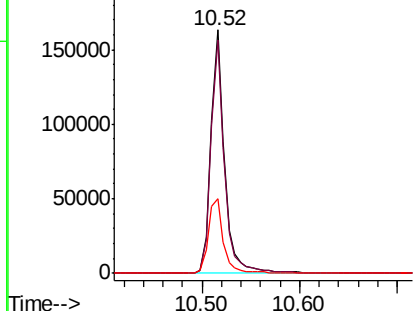
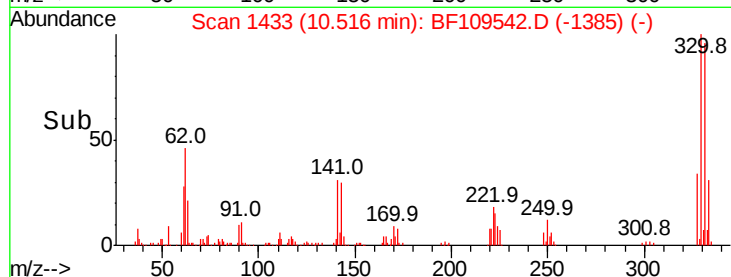
#41
 2,4,6-Tribromophenol
 Concen: 80.958 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109542.D
 Acq: 3 Oct 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-100218-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.8	29.9	44.9

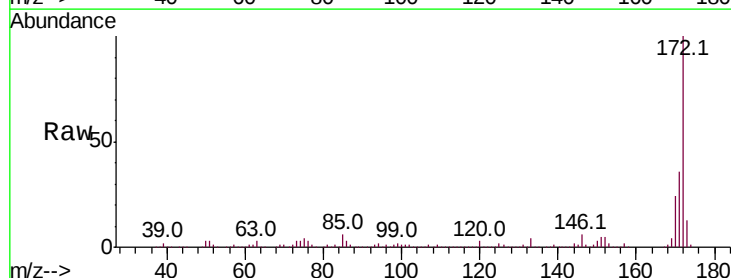


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

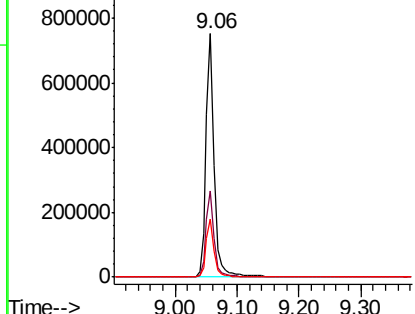
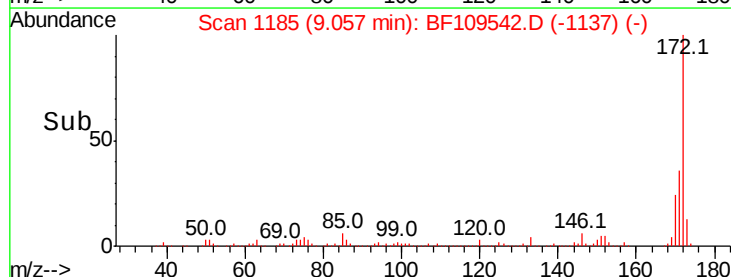


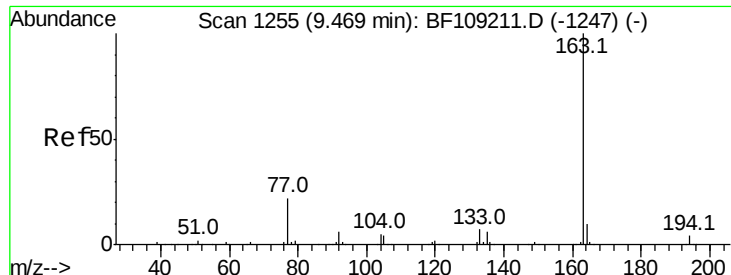
#44
 2-Fluorobiphenyl
 Concen: 53.008 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109542.D
 Acq: 3 Oct 2018 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	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

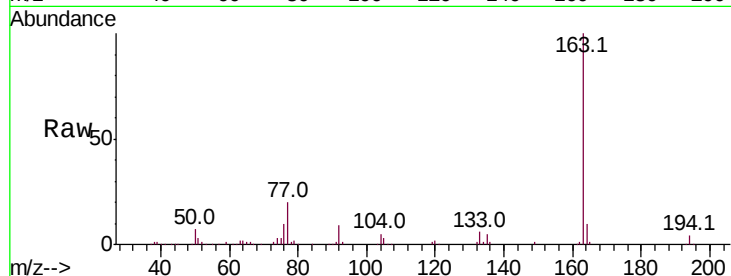




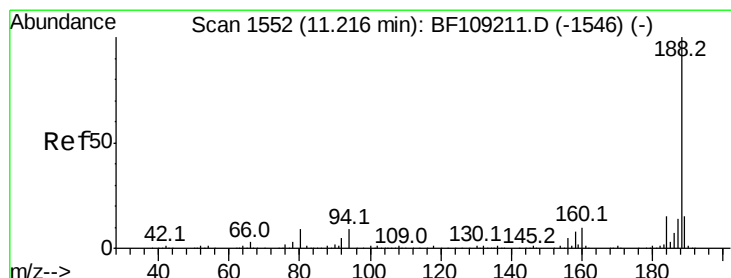
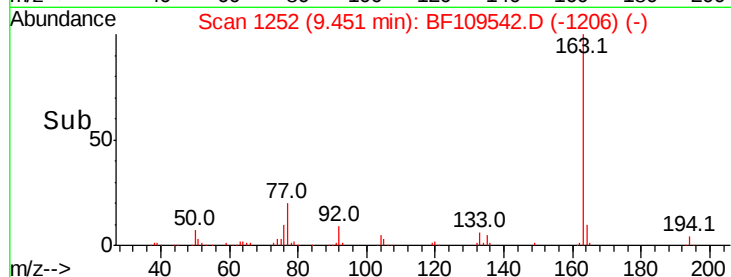
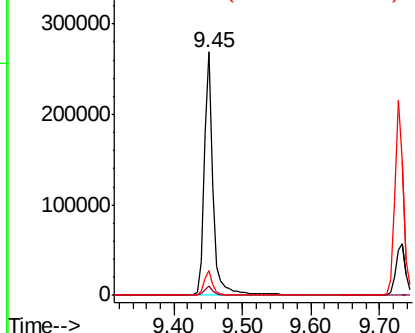
#49
Dimethylphthalate
Concen: 17.257 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-A

Tot Ion:163 Resp: 251386
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

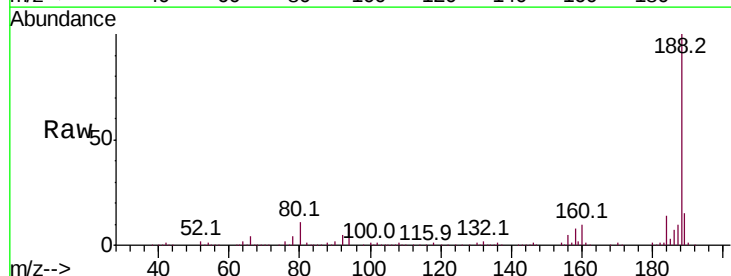


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

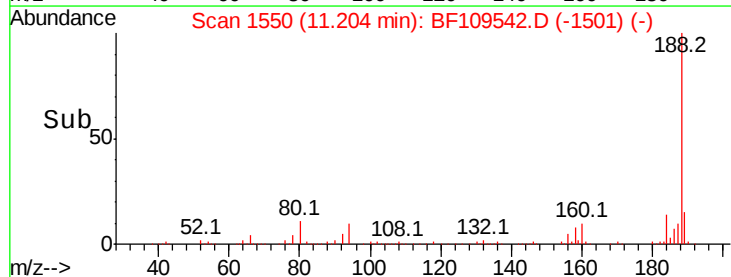
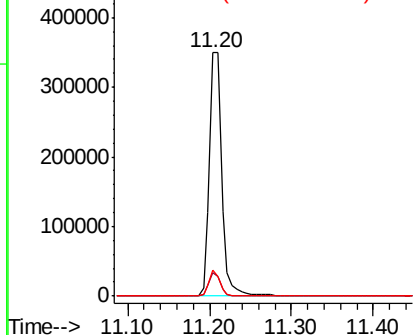


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Tgt Ion:188 Resp: 367442
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.7 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109542.D

Acq: 3 Oct 2018 13:29

Instrument :

BNA_F

ClientSampleId :

AU-05-100218-A

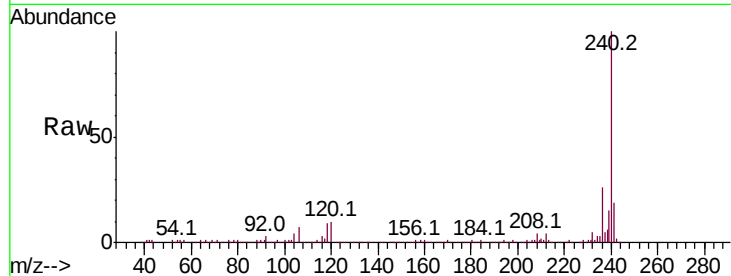
Tot Ion:240 Resp: 240705

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

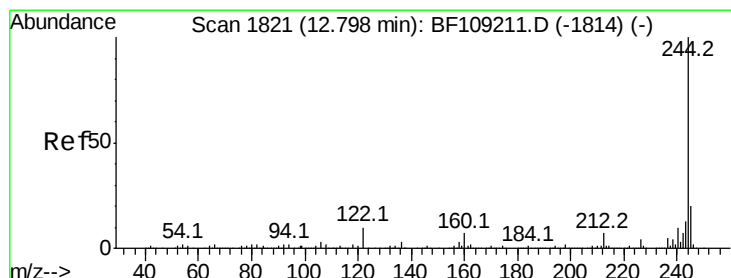
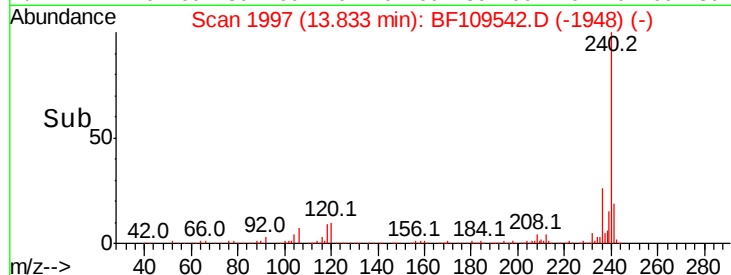
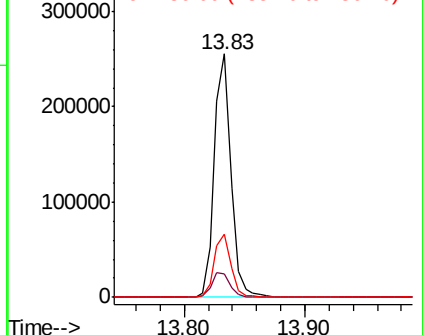
236 25.9 20.7 31.1



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

Terphenyl-d14

Concen: 52.805 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109542.D

Acq: 3 Oct 2018 13:29

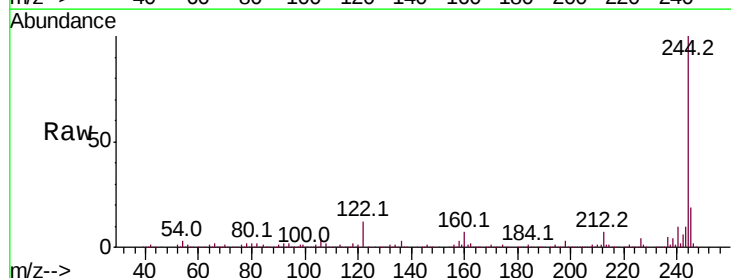
Tgt Ion:244 Resp: 517914

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

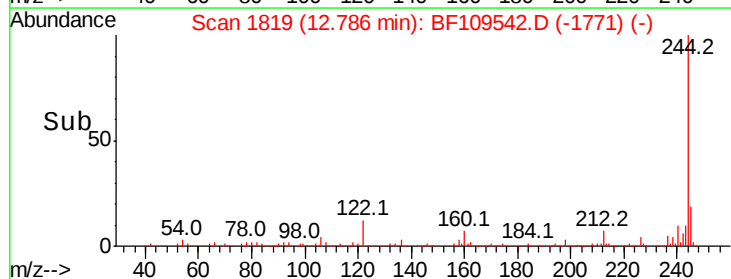
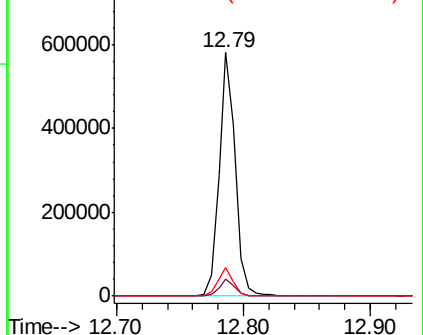
122 11.5 11.0 16.4

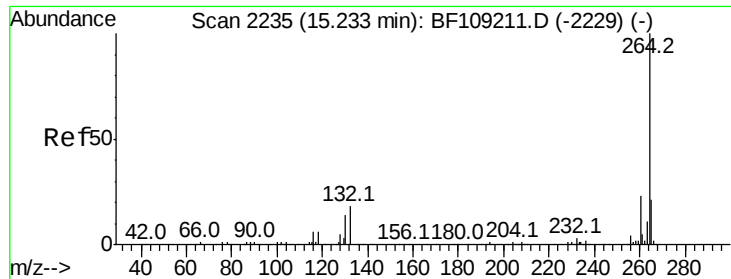


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

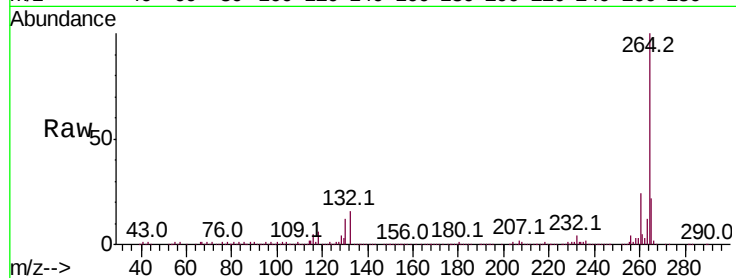




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109542.D
Acq: 3 Oct 2018 13:29

Instrument :
BNA_F
ClientSampleId :
AU-05-100218-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

