

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109521.D
 Acq On : 3 Oct 2018 00:59
 Operator : JU/SJ
 Sample : PB113418BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Quant Time: Oct 03 04:58:11 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	104417	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	403462	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	192817	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	374565	20.00	ng	0.00
75) Chrysene-d12	13.83	240	262870	20.00	ng	-0.01
86) Perylene-d12	15.23	264	260008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	528277	83.33	ng	0.00
7) Phenol-d6	6.35	99	687265	84.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	628161	91.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	175534	92.35	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1180477	92.34	ng	-0.02
78) Terphenyl-d14	12.79	244	1119616	104.53	ng	-0.01

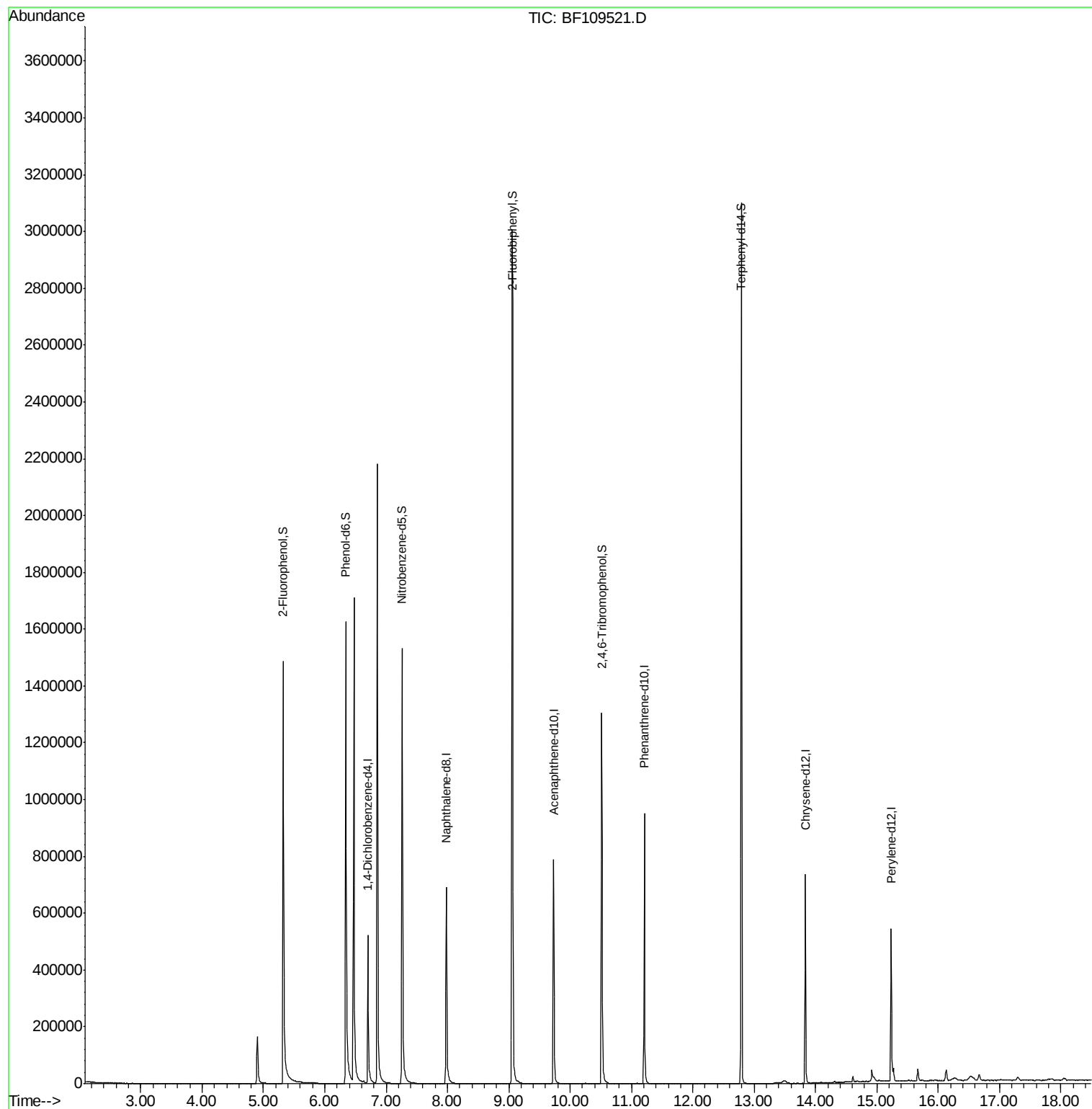
Target Compounds Qvalue

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

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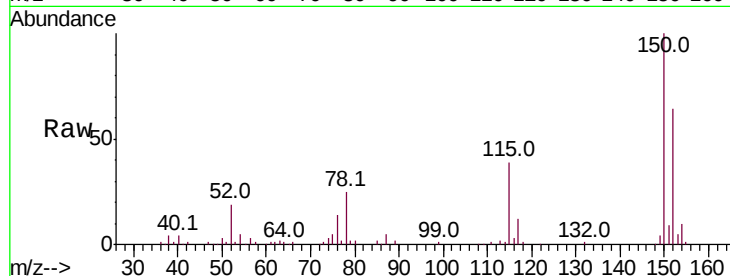


#1

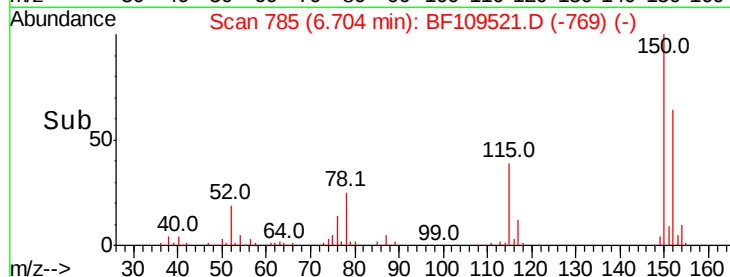
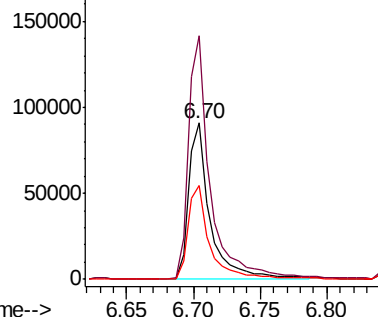
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB113418BL

Tot Ion:152 Resp: 104417
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.0 50.1 75.1



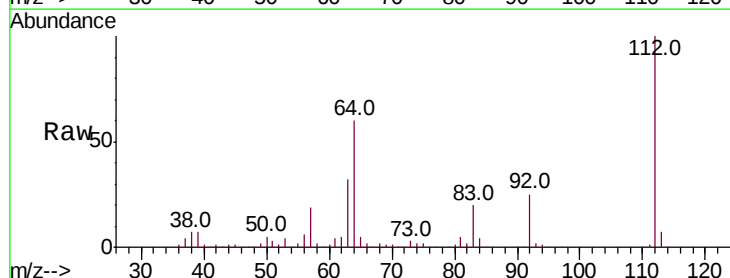
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



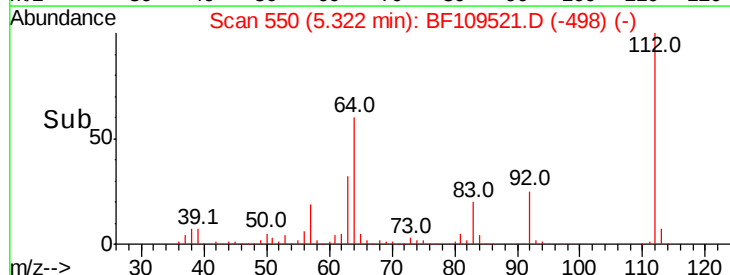
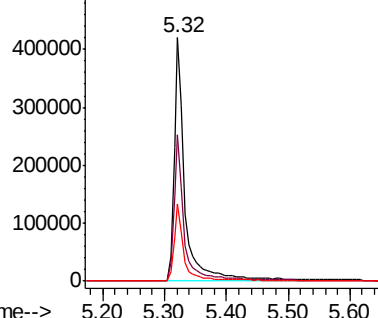
#5

2-Fluorophenol
Concen: 83.331 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Tgt Ion:112 Resp: 528277
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.7 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: 84.958 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

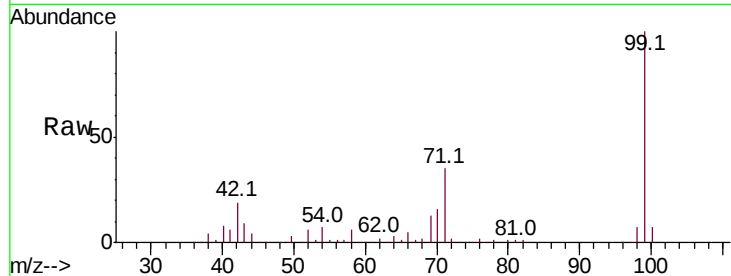
Tot Ion: 99 Resp: 687265

Ion Ratio Lower Upper

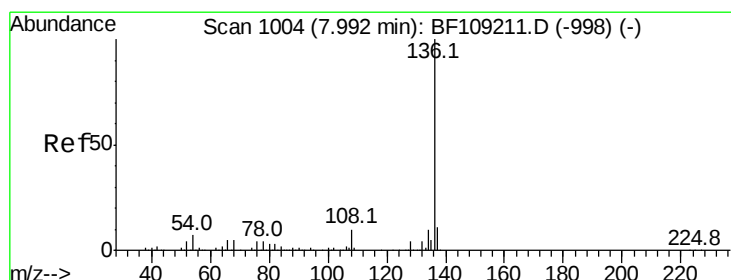
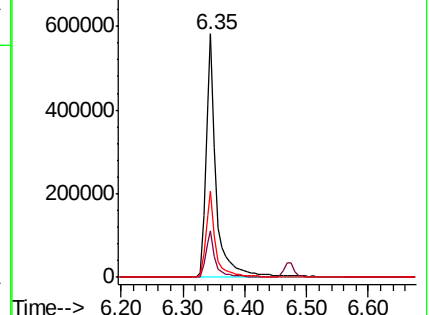
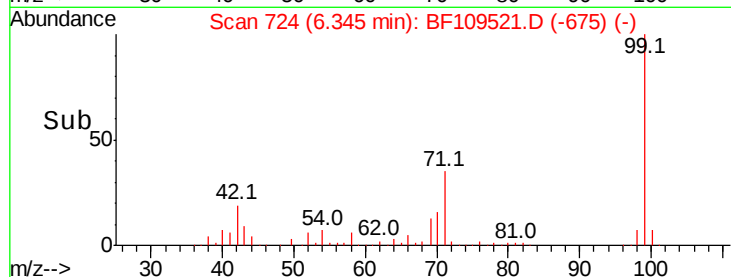
99 100

42 19.0 14.5 21.7

71 35.2 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: BF109521.D

Acq: 3 Oct 2018 00:59

Tgt Ion: 136 Resp: 403462

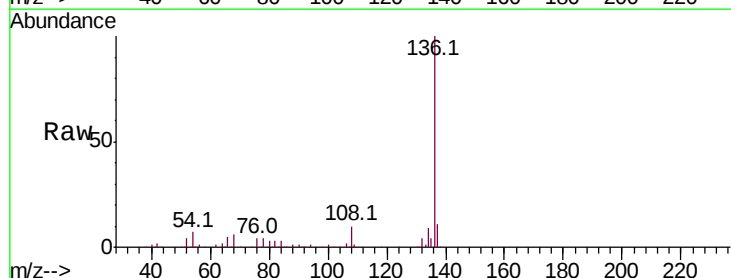
Ion Ratio Lower Upper

136 100

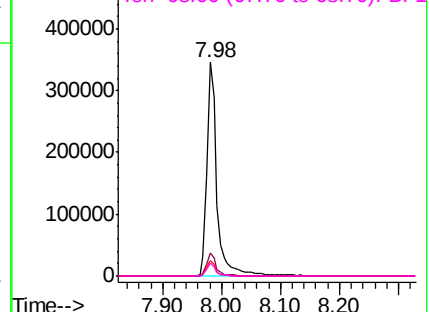
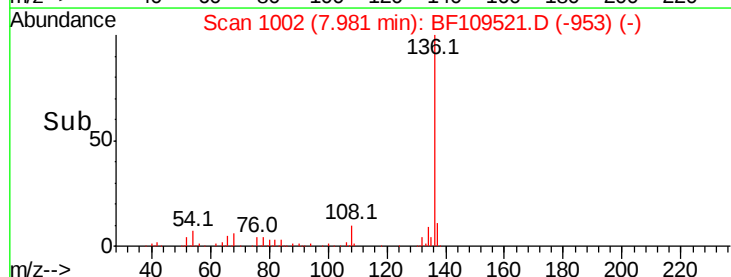
137 10.9 8.9 13.3

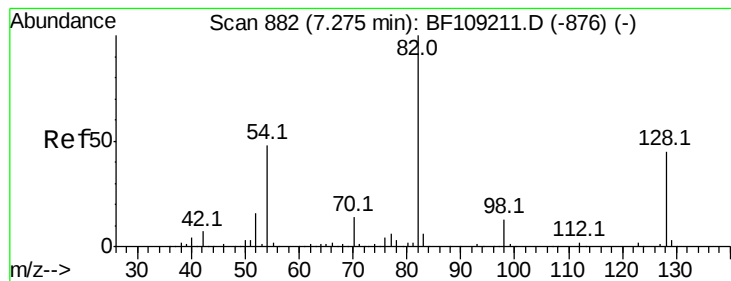
54 7.0 6.6 9.8

68 6.0 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: 91.908 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleId :

PB113418BL

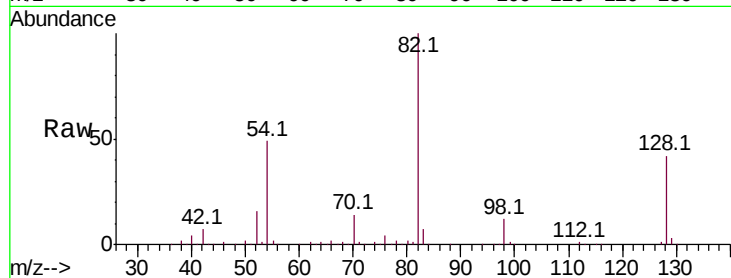
Tot Ion: 82 Resp: 628161

Ion Ratio Lower Upper

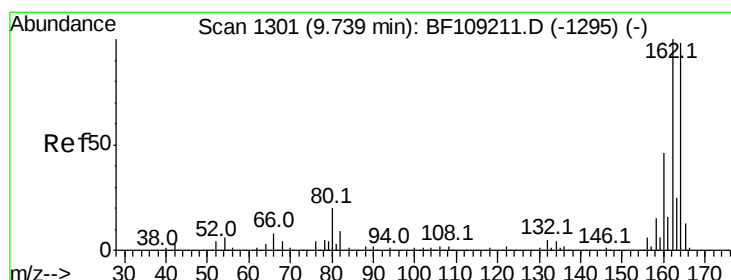
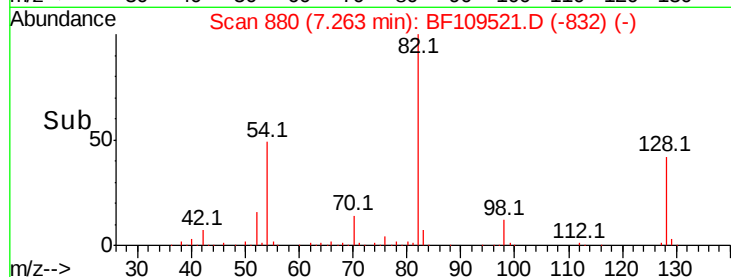
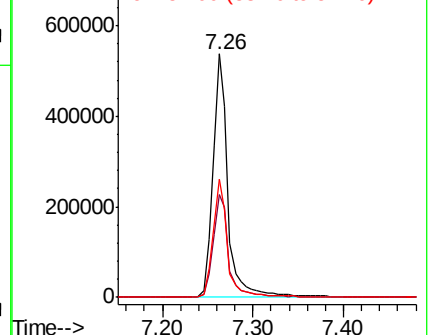
82 100

128 42.3 36.1 54.1

54 48.7 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: BF109521.D

Acq: 3 Oct 2018 00:59

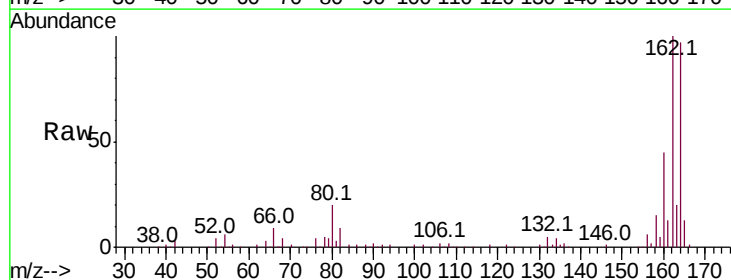
Tgt Ion:164 Resp: 192817

Ion Ratio Lower Upper

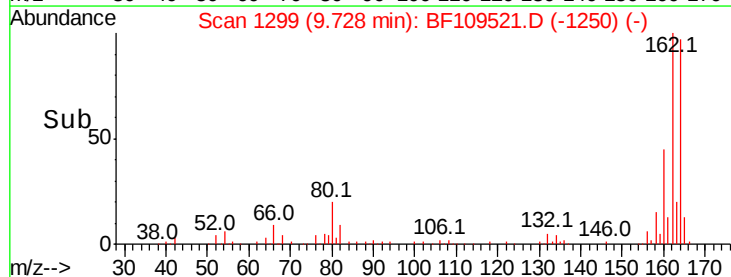
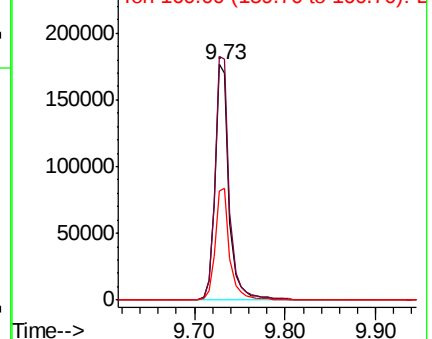
164 100

162 103.3 86.1 129.1

160 46.2 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

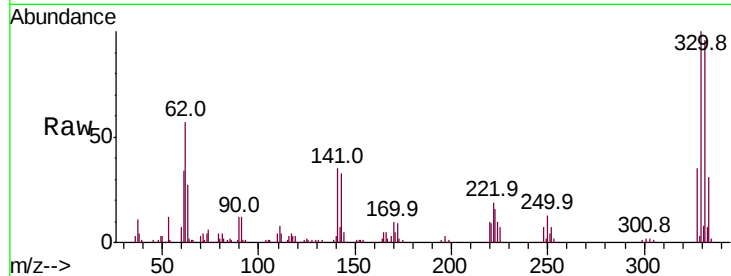




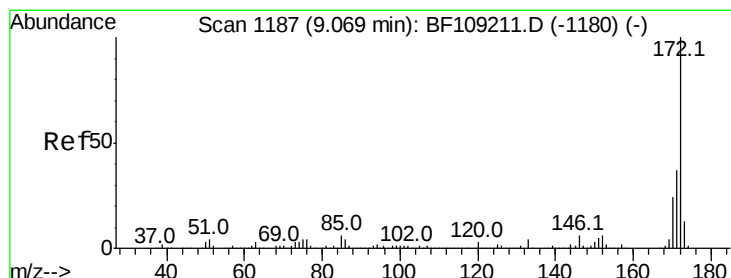
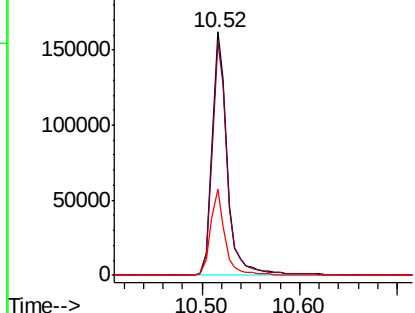
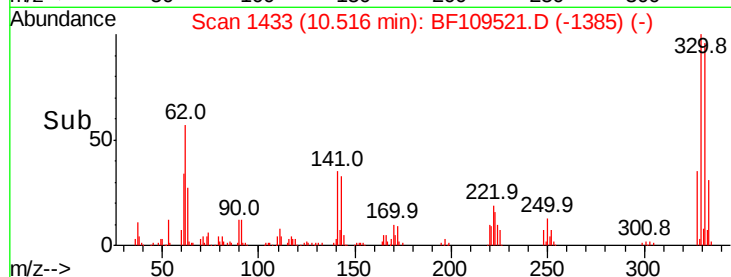
#41
 2,4,6-Tribromophenol
 Concen: 92.349 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :
 PB113418BL

Tot Ion:330 Resp: 175534
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.8 29.9 44.9

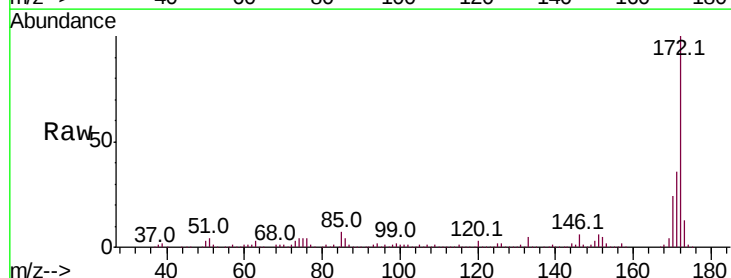


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

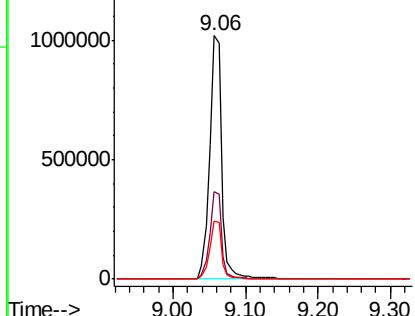
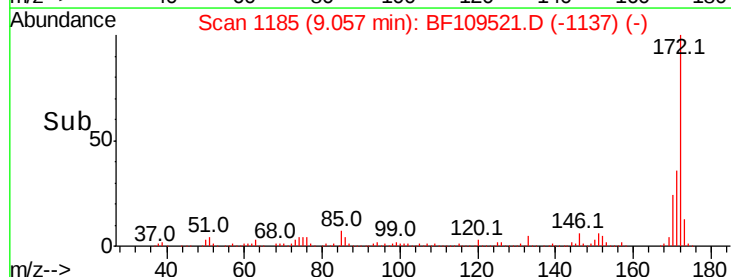


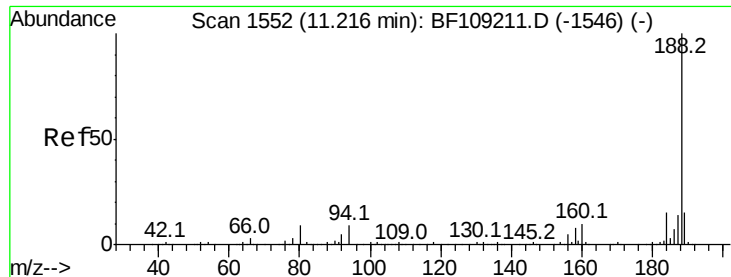
#44
 2-Fluorobiphenyl
 Concen: 92.336 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109521.D
 Acq: 3 Oct 2018 00:59

Tgt Ion:172 Resp: 1180477
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

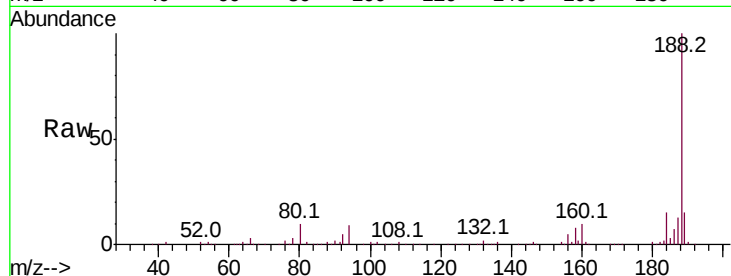




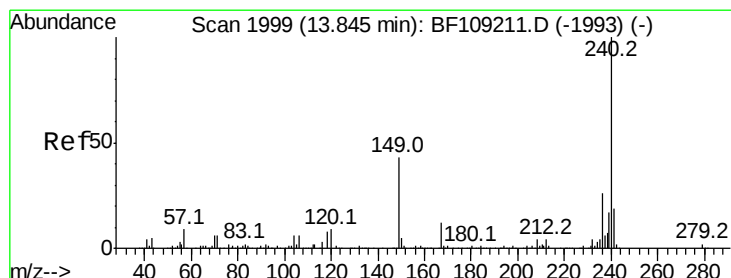
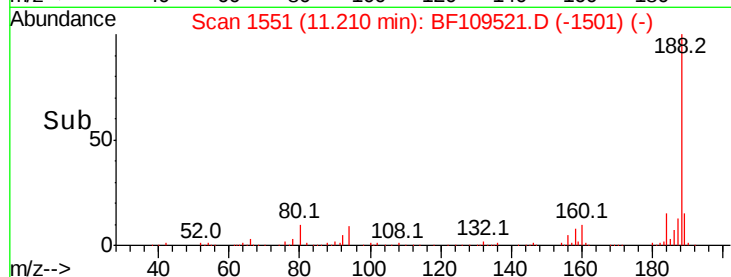
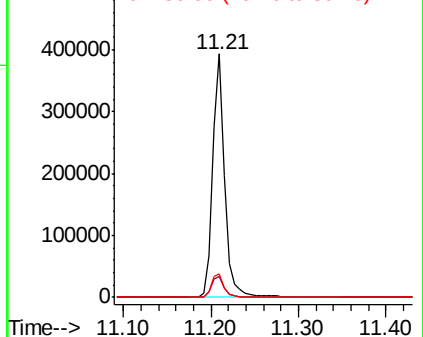
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Instrument :
BNA_F
ClientSampleId :
PB113418BL

Tot Ion:188 Resp: 374565
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.5 9.2 13.8

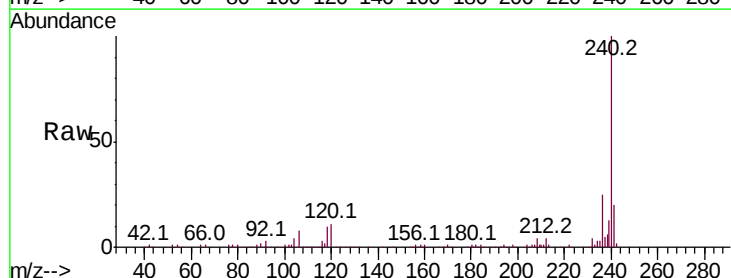


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

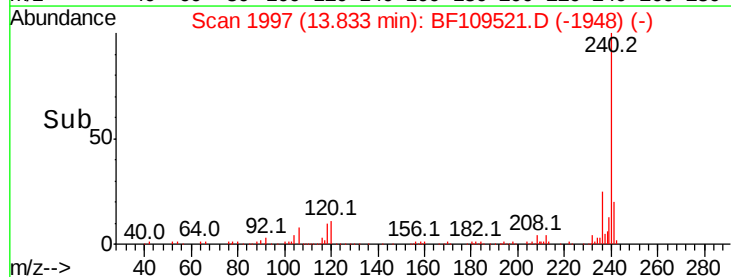
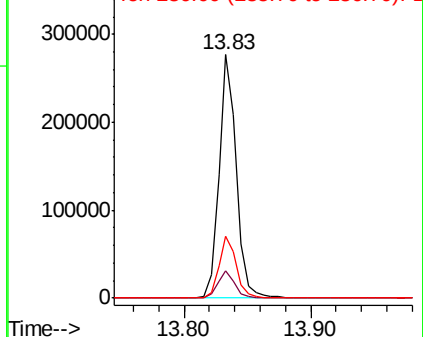


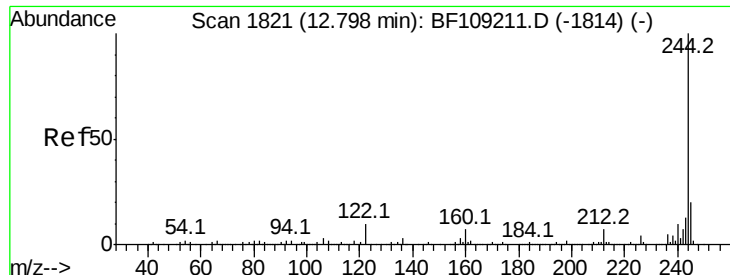
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109521.D
Acq: 3 Oct 2018 00:59

Tgt Ion:240 Resp: 262870
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.2 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: 104.528 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

Instrument :

BNA_F

ClientSampleID :

PB113418BL

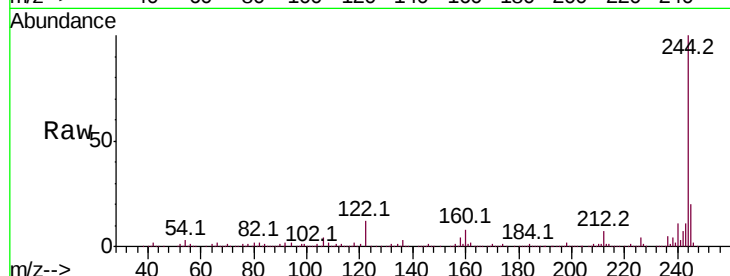
Tot Ion:244 Resp: 1119616

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

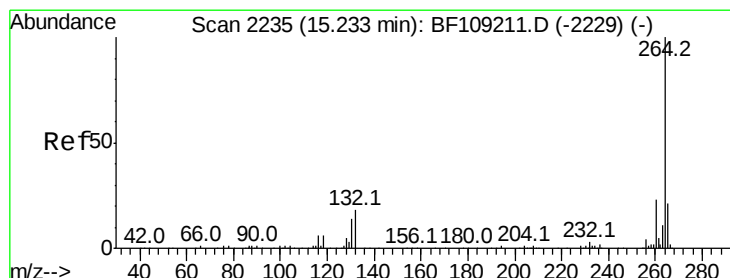
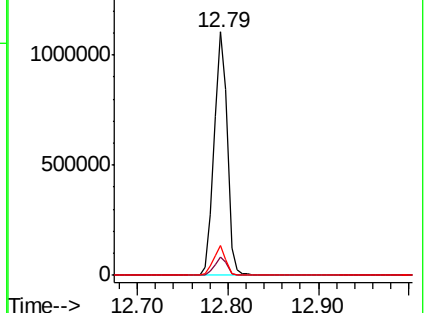
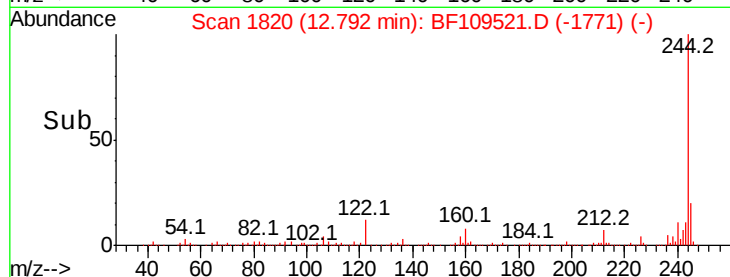
122 12.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109521.D

Acq: 3 Oct 2018 00:59

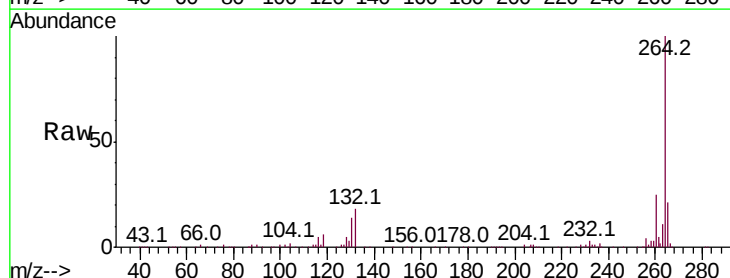
Tgt Ion:264 Resp: 260008

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.5 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

