

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109381.D
 Acq On : 27 Sep 2018 12:43
 Operator : JU/SJ
 Sample : J5081-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 14:14:56 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

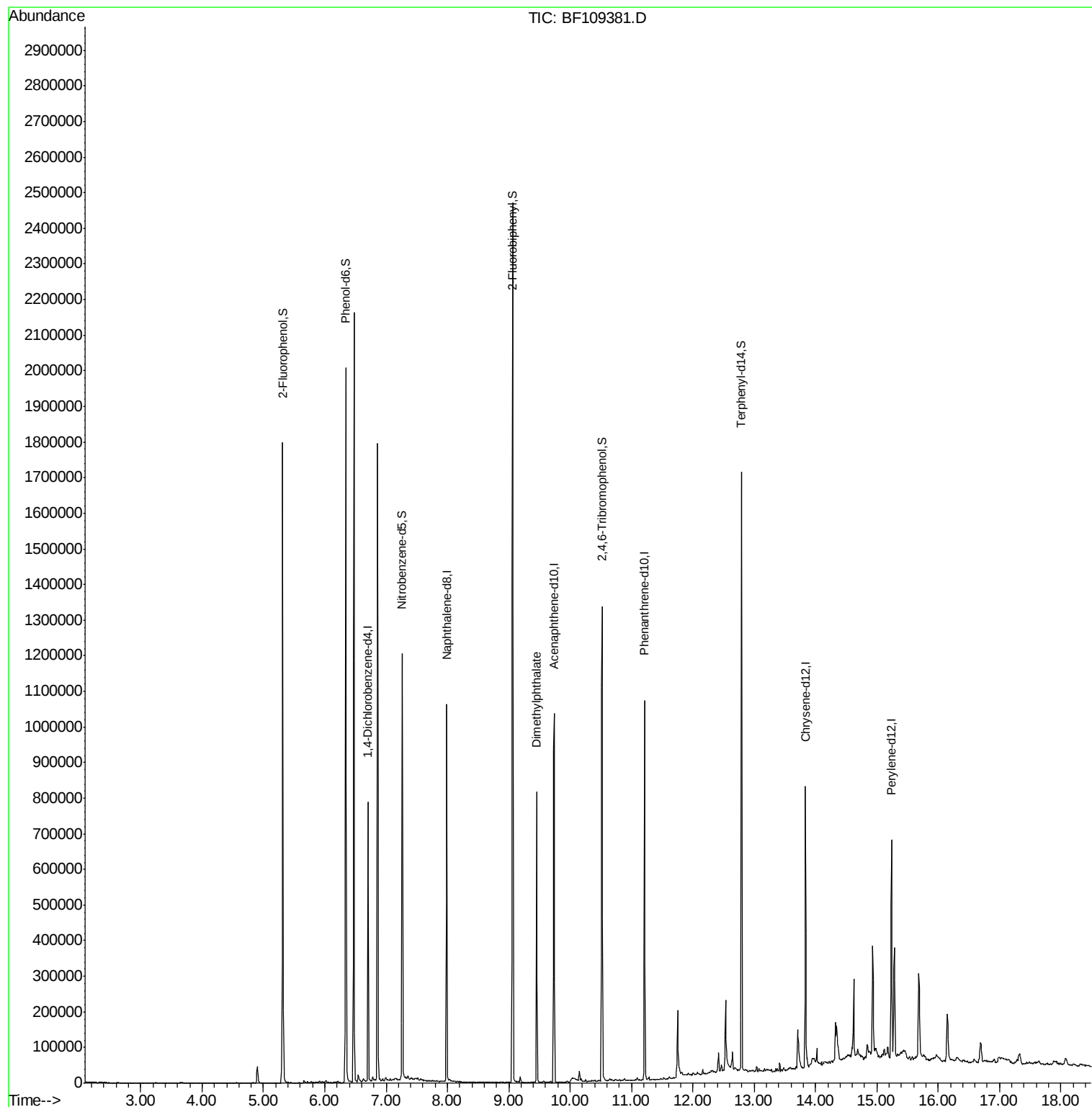
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104491	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403362	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199538	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382690	20.00	ng	0.00
75) Chrysene-d12	13.84	240	254287	20.00	ng	0.00
86) Perylene-d12	15.24	264	279832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	509015	80.24	ng	0.00
7) Phenol-d6	6.35	99	654992	80.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	423830	62.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	156633	79.63	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	712849	53.88	ng	-0.01
78) Terphenyl-d14	12.80	244	591793	57.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	280511	19.328	ng	99

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

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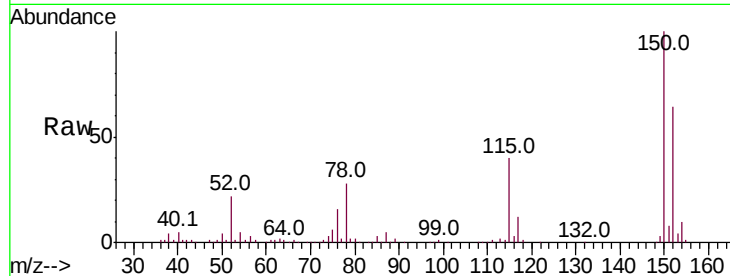


#1

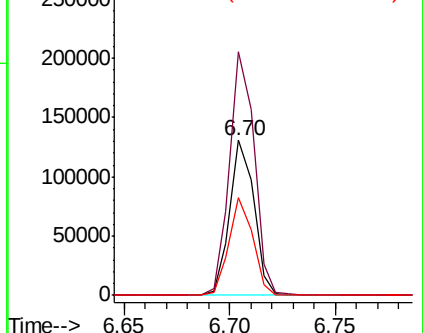
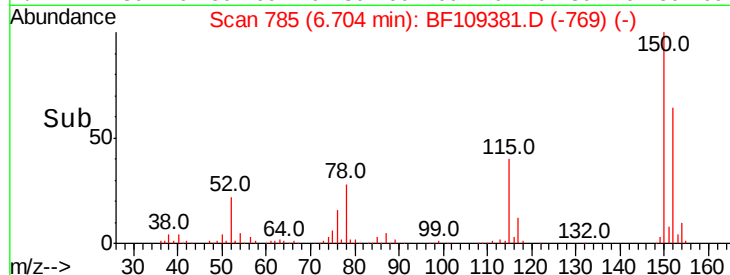
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion:152 Resp: 104491
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 62.9 50.1 75.1



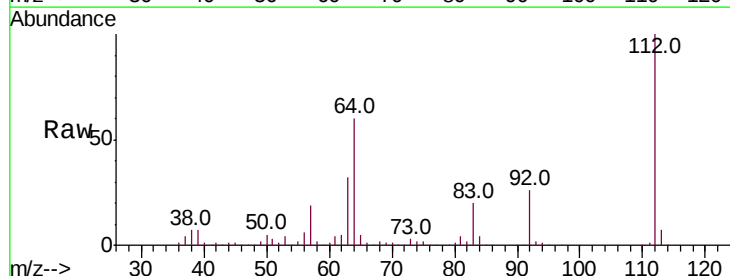
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



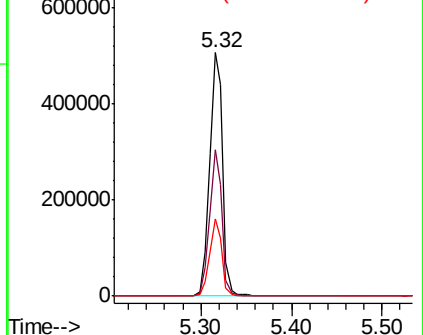
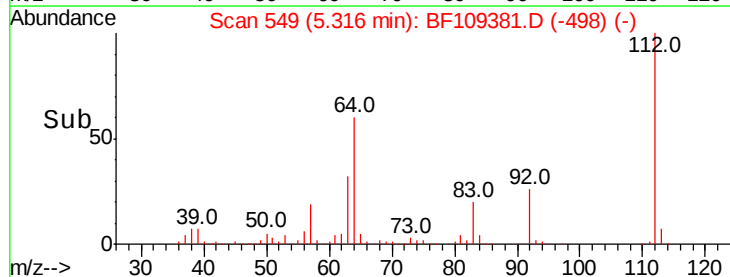
#5

2-Fluorophenol
Concen: 80.235 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Tgt Ion:112 Resp: 509015
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.8 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: 80.911 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Instrument :

BNA_F

ClientSampleId :

TP-1-D

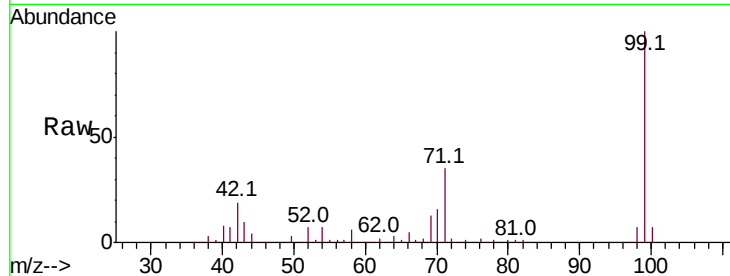
Tot Ion: 99 Resp: 654992

Ion Ratio Lower Upper

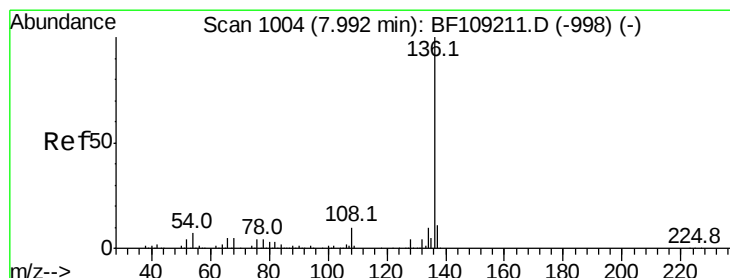
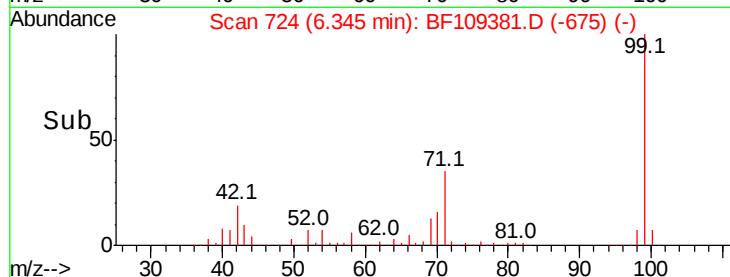
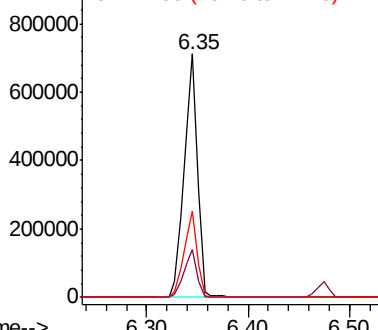
99 100

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Tgt Ion: 136 Resp: 403362

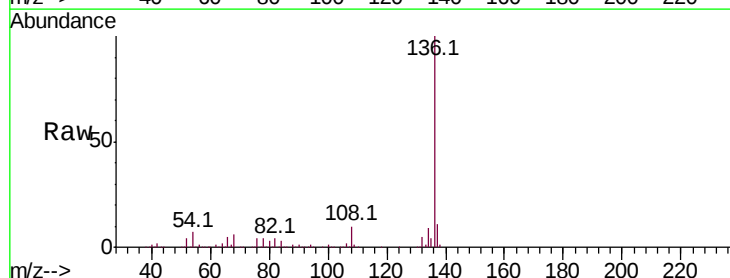
Ion Ratio Lower Upper

136 100

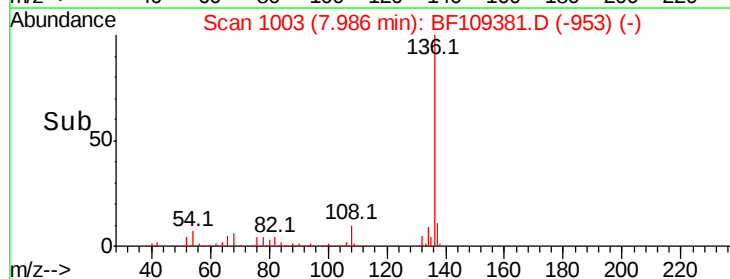
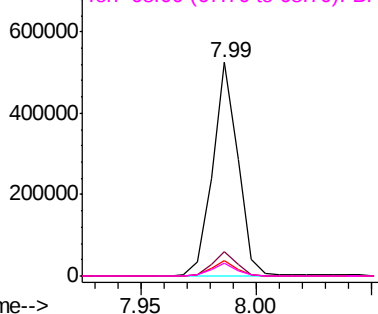
137 11.5 8.9 13.3

54 7.1 6.6 9.8

68 5.9 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

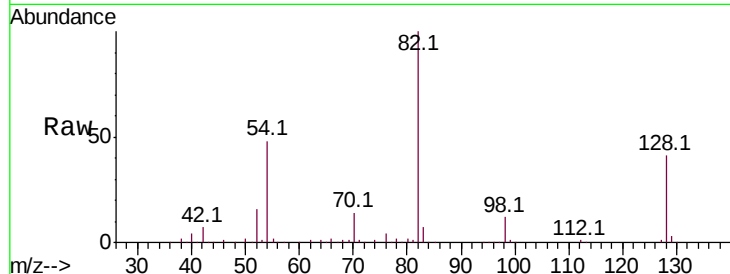




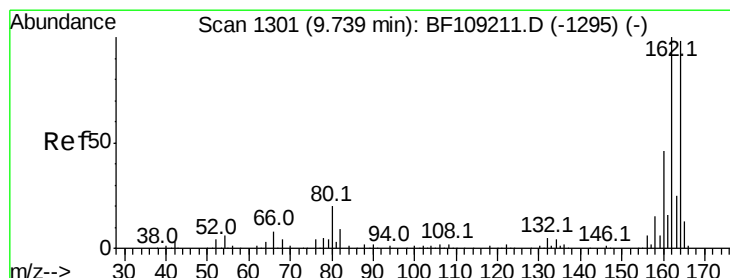
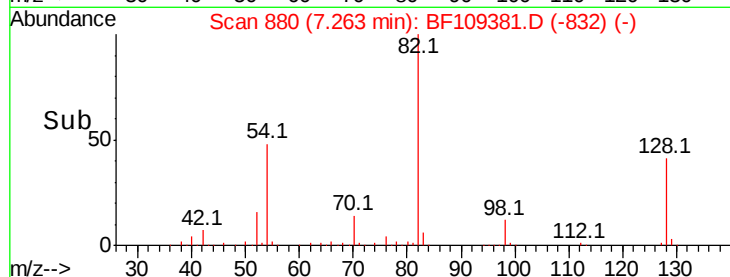
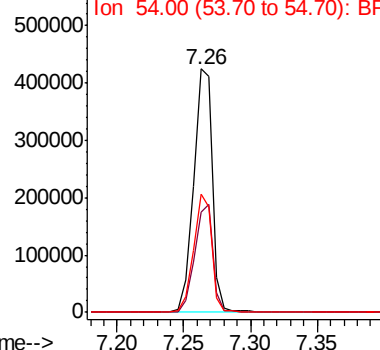
#23
 Nitrobenzene-d5
 Concen: 62.027 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Instrument :
 BNA_F
 ClientSampled :
 TP-1-D

Tot Ion: 82 Resp: 423830
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 48.3 41.4 62.2

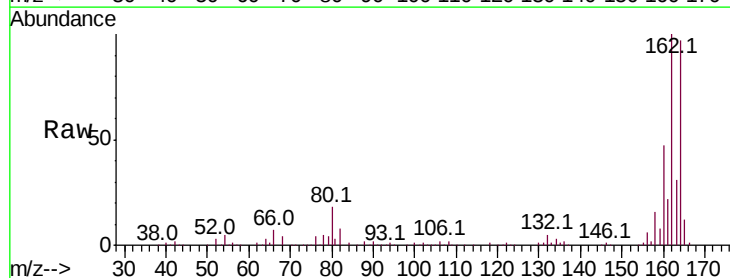


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

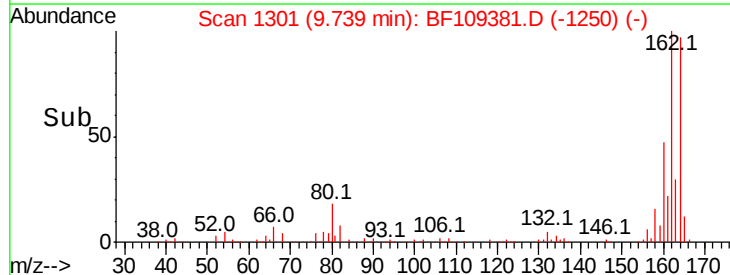
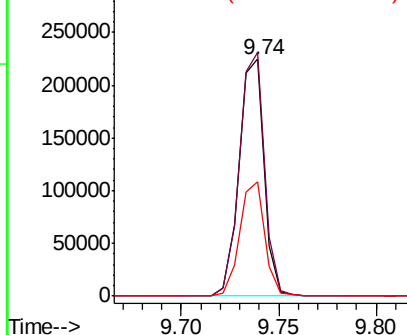


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Tgt Ion: 164 Resp: 199538
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 48.0 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

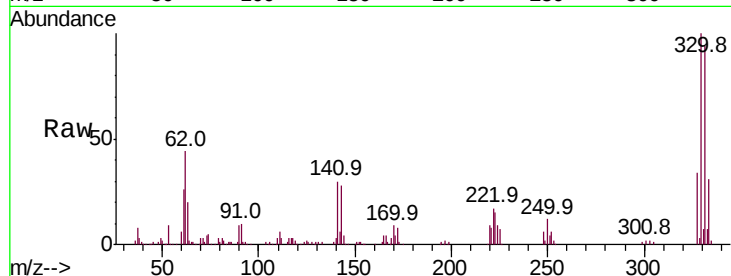




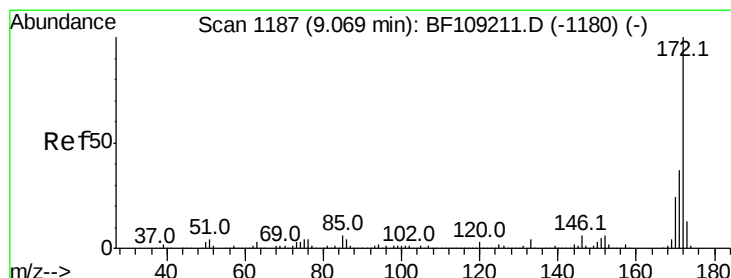
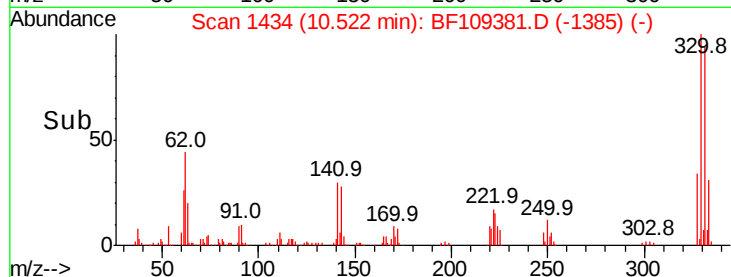
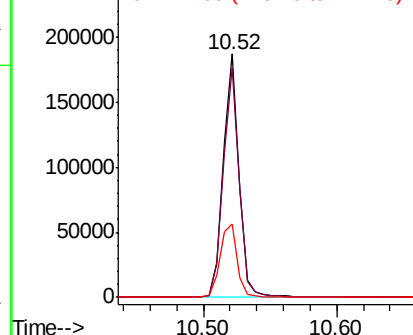
#41
 2,4,6-Tribromophenol
 Concen: 79.629 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tot Ion:330 Resp: 156633
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.0 29.9 44.9

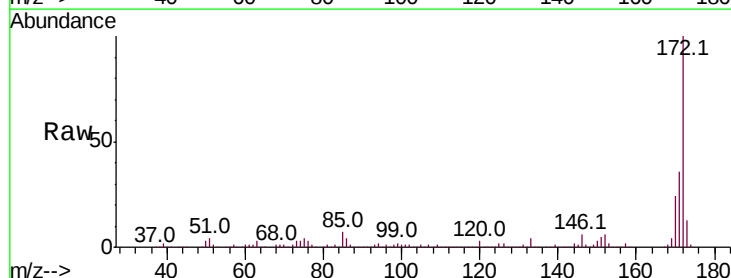


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

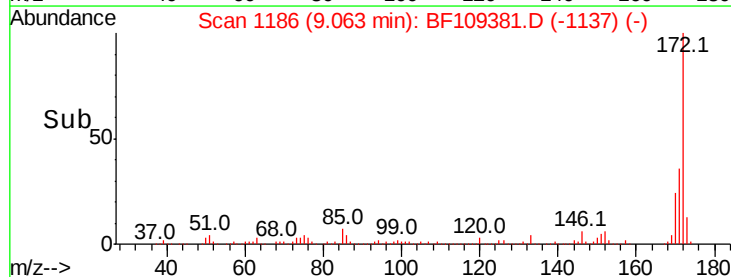
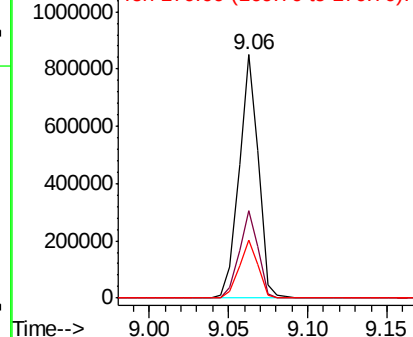


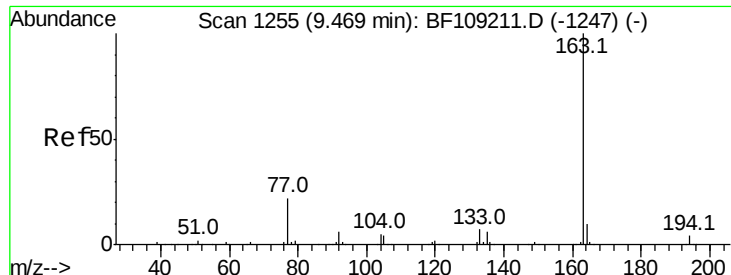
#44
 2-Fluorobiphenyl
 Concen: 53.880 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Tgt Ion:172 Resp: 712849
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 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

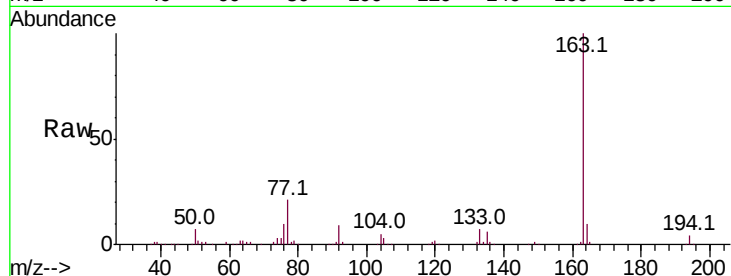




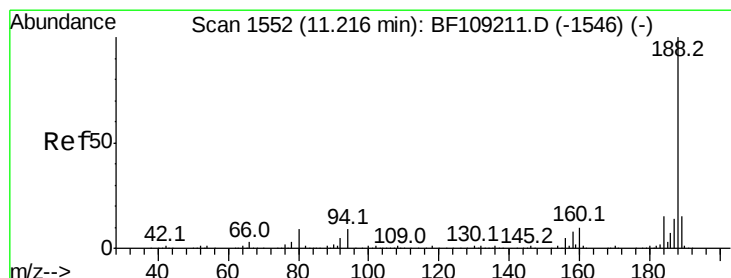
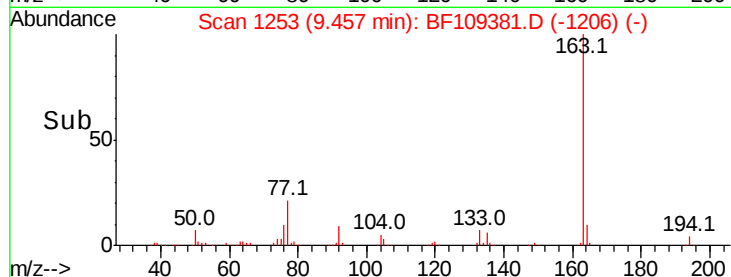
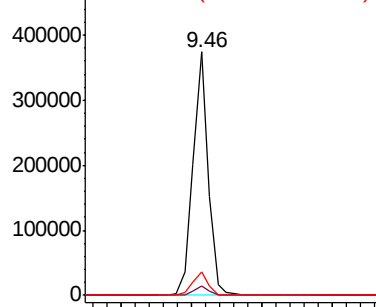
#49
Dimethylphthalate
Concen: 19.328 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

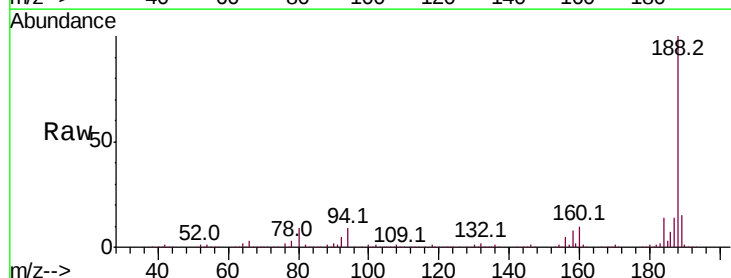


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

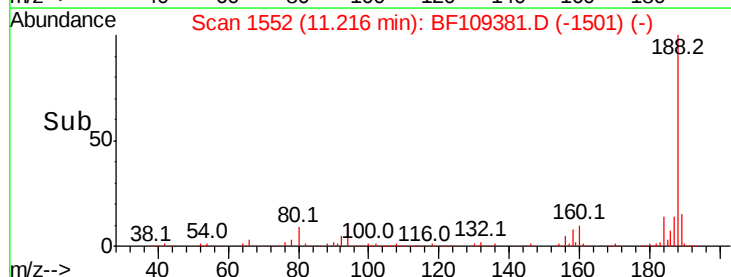
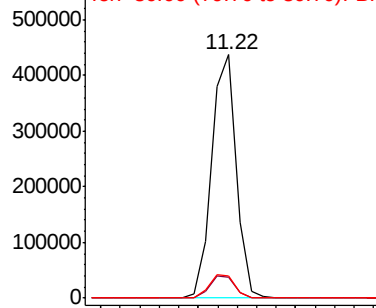


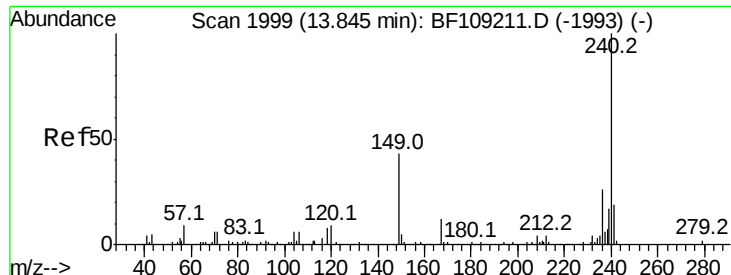
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109381.D
Acq: 27 Sep 2018 12:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

Instrument :

BNA_F

ClientSampleId :

TP-1-D

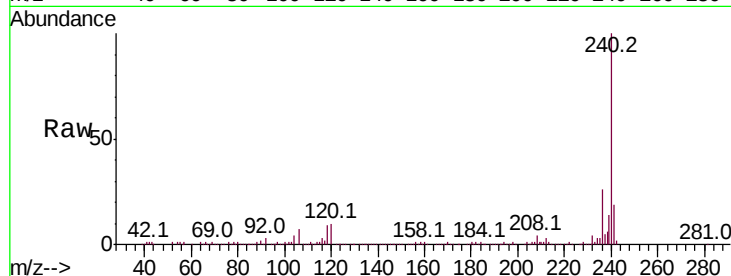
Tot Ion:240 Resp: 254287

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

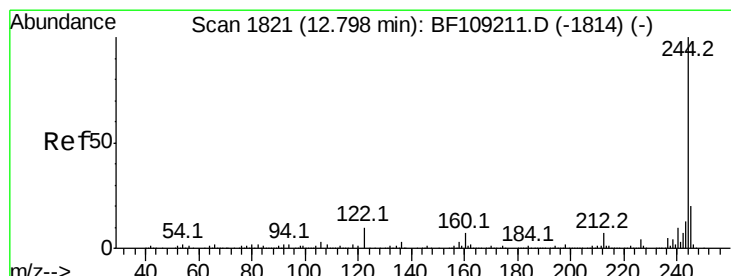
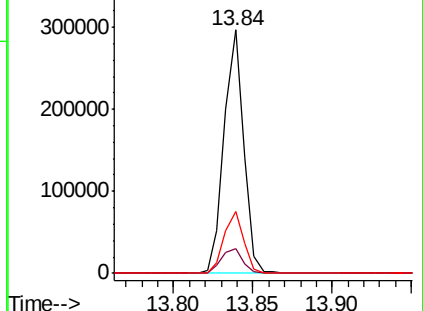
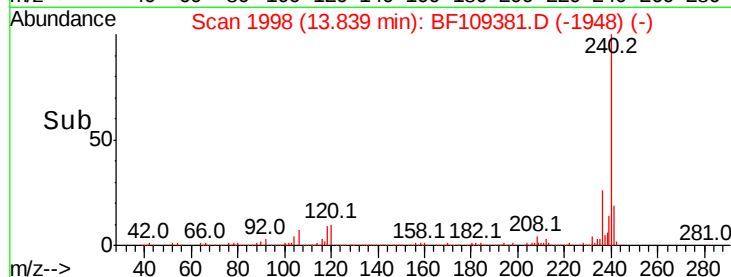
236 25.6 20.7 31.1



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: 57.115 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109381.D

Acq: 27 Sep 2018 12:43

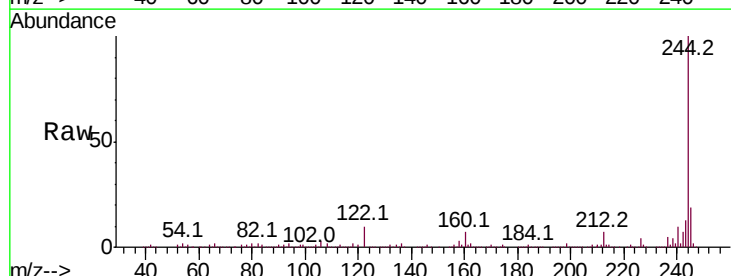
Tgt Ion:244 Resp: 591793

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

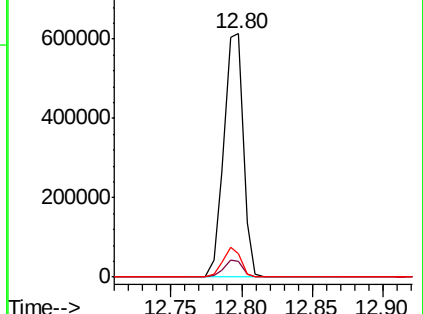
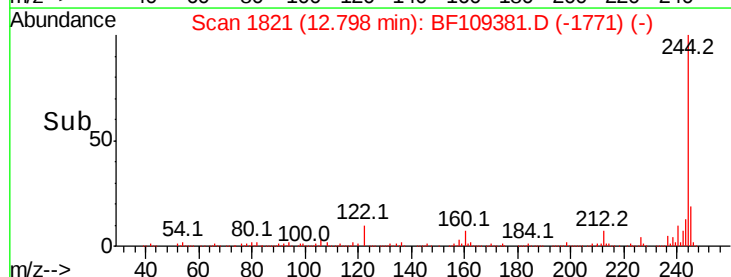
122 9.6 11.0 16.4#

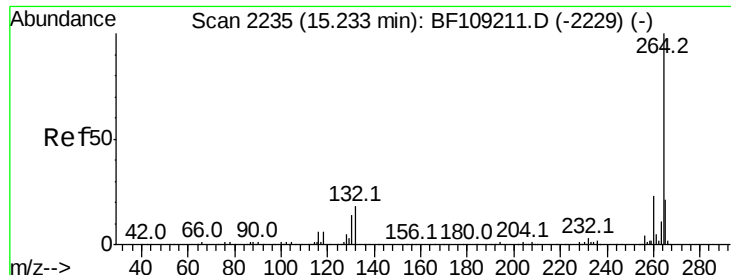


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109381.D
 Acq: 27 Sep 2018 12:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tot Ion:	264	Resp:	279832
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3

