

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109333.D
 Acq On : 26 Sep 2018 13:51
 Operator : JU/SJ
 Sample : J5059-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-2

Quant Time: Sep 26 14:19:45 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

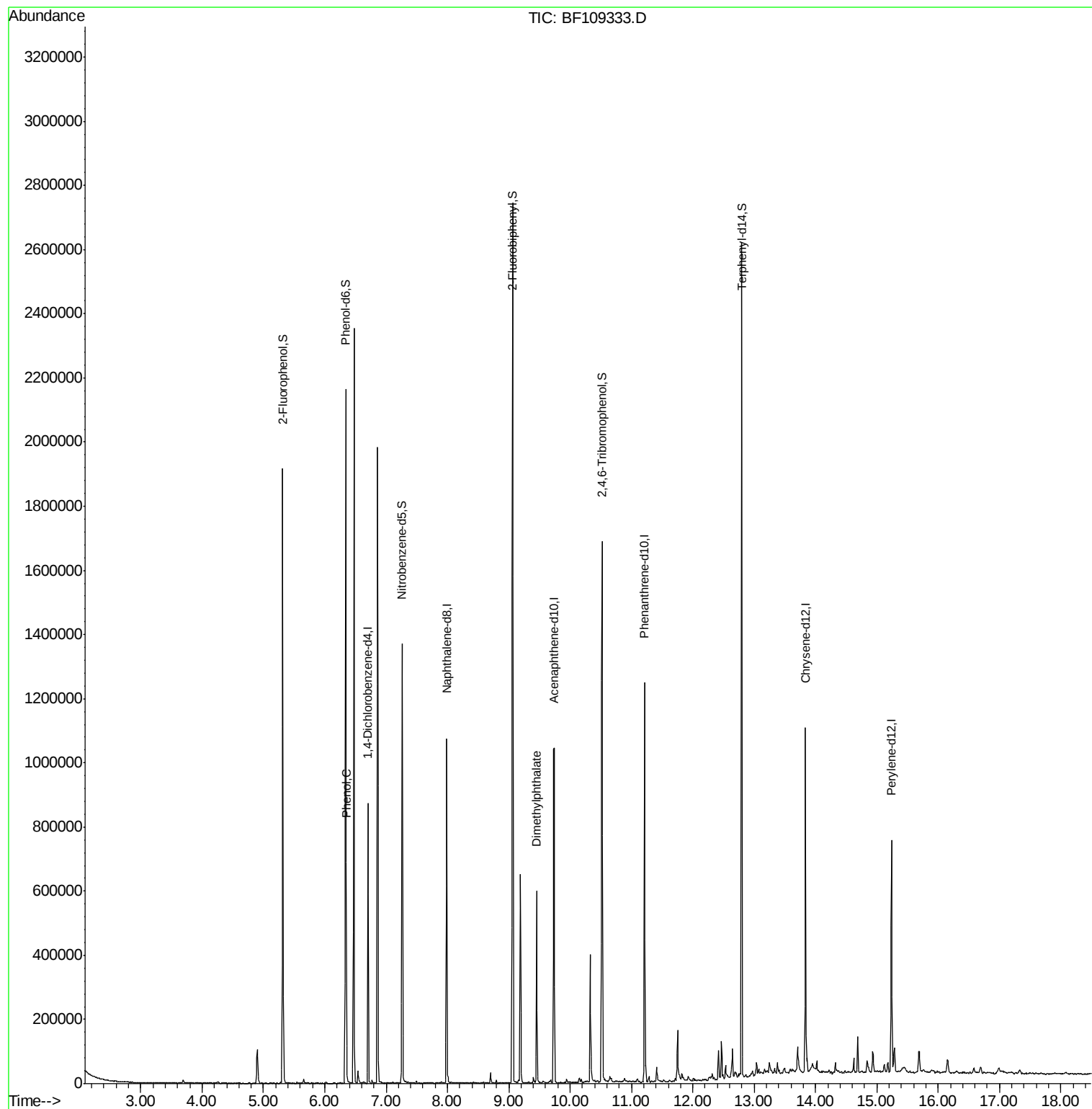
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115177	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450178	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	217803	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	439636	20.00	ng	0.00
75) Chrysene-d12	13.84	240	327276	20.00	ng	0.00
86) Perylene-d12	15.24	264	315792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	571922	81.79	ng	0.00
7) Phenol-d6	6.35	99	741950	83.15	ng	-0.01
23) Nitrobenzene-d5	7.26	82	478343	62.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	199169	92.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	813602	56.34	ng	-0.01
78) Terphenyl-d14	12.80	244	855035	64.12	ng	0.00
Target Compounds						
10) Phenol	6.36	94	23037	2.280	ng	98
49) Dimethylphthalate	9.46	163	214489	13.540	ng	100

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

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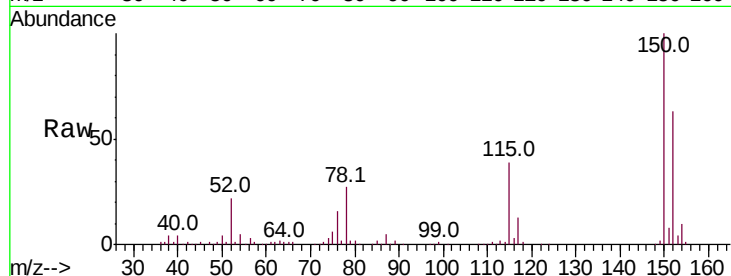


#1

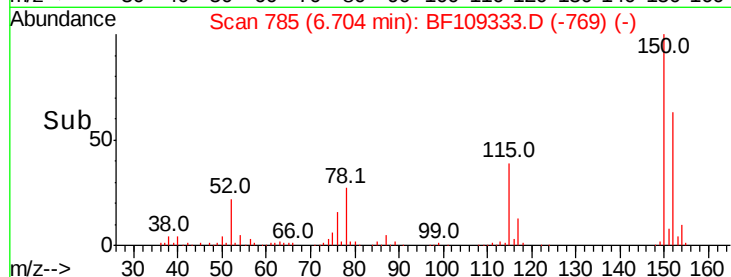
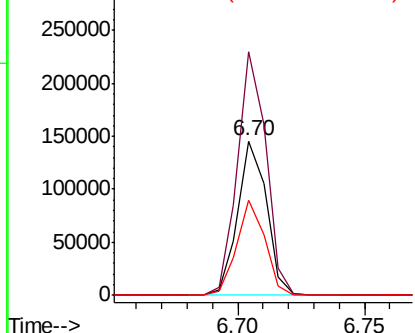
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Instrument :
BNA_F
ClientSampleId :
PHASE-2

Tot Ion:152 Resp: 115177
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.9 50.1 75.1



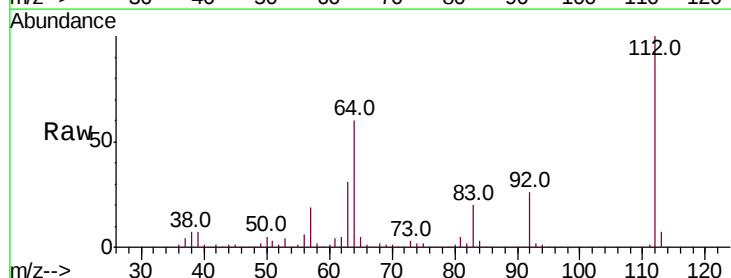
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



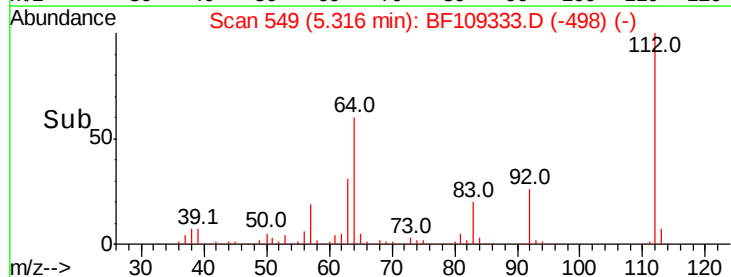
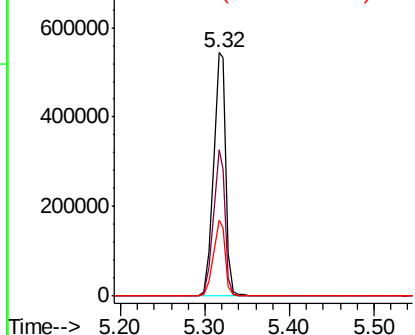
#5

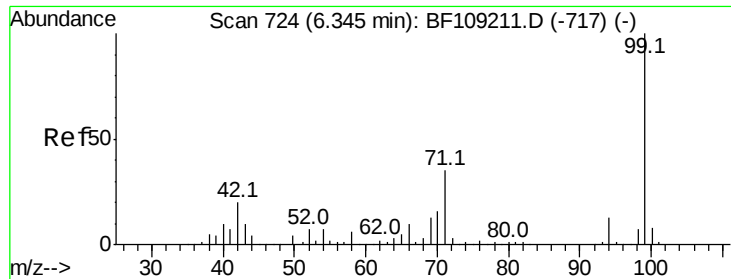
2-Fluorophenol
Concen: 81.787 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Tgt Ion:112 Resp: 571922
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.3 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: 83.149 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampled :

PHASE-2

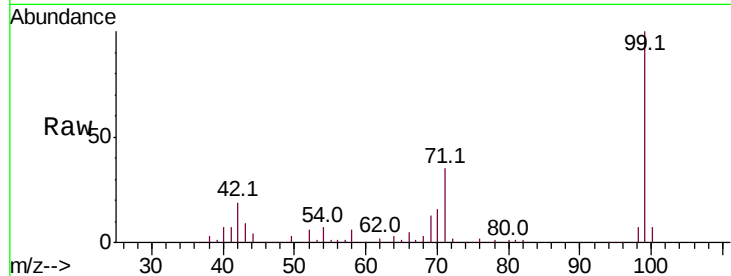
Tot Ion: 99 Resp: 741950

Ion Ratio Lower Upper

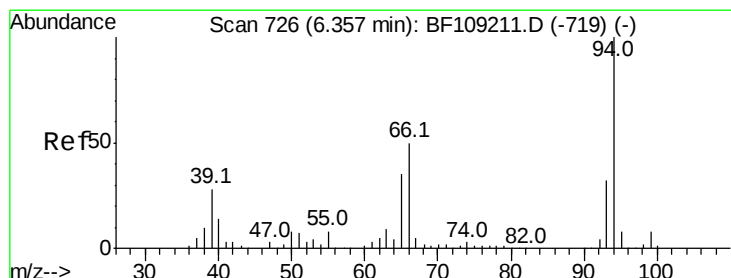
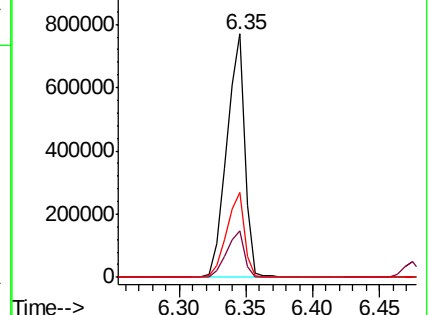
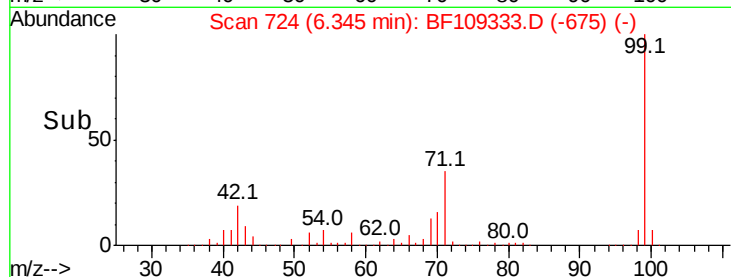
99 100

42 18.9 14.5 21.7

71 34.9 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: 2.280 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

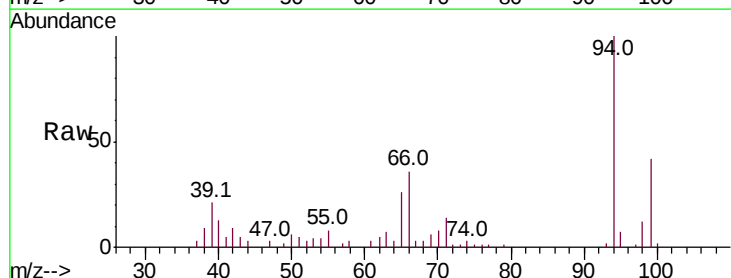
Tgt Ion: 94 Resp: 23037

Ion Ratio Lower Upper

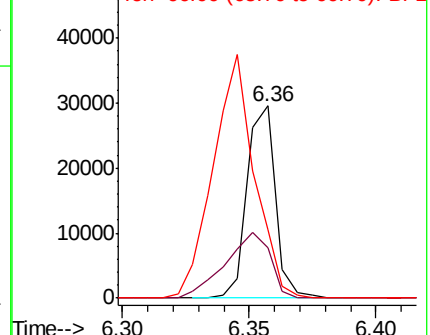
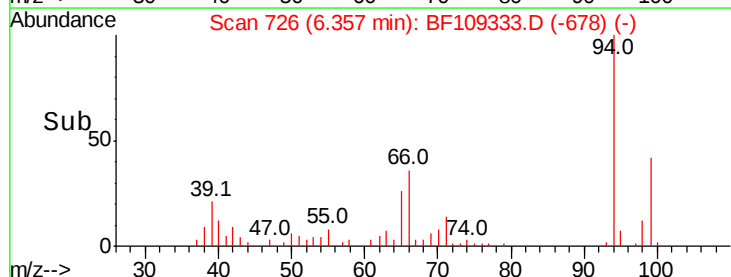
94 100

65 26.0 7.9 47.9

66 35.8 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: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampleId :

PHASE-2

Tot Ion:136 Resp: 450178

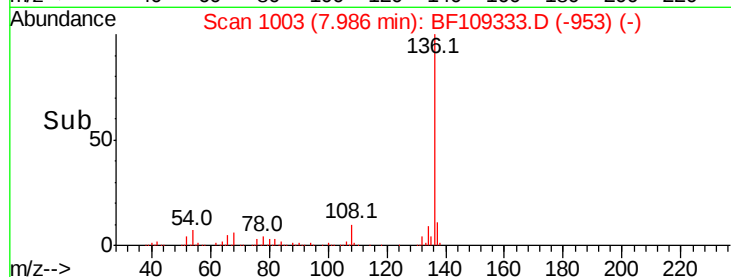
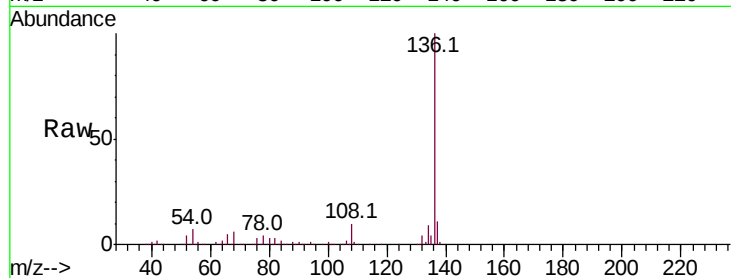
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

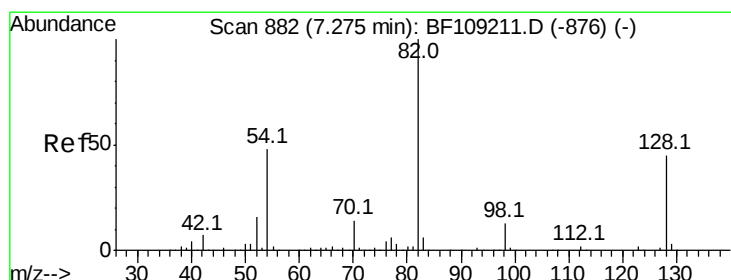
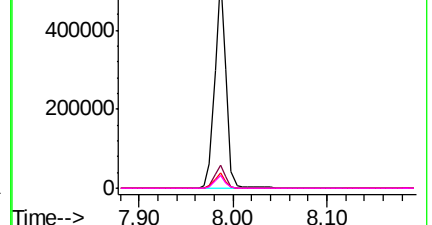


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.725 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

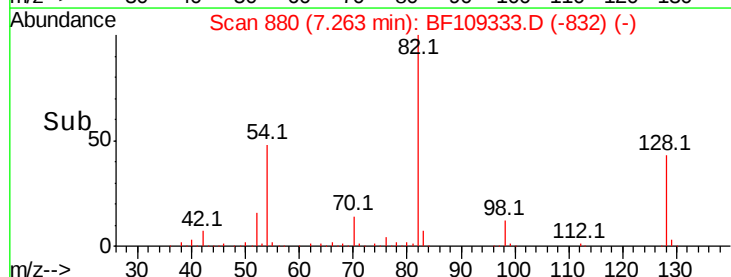
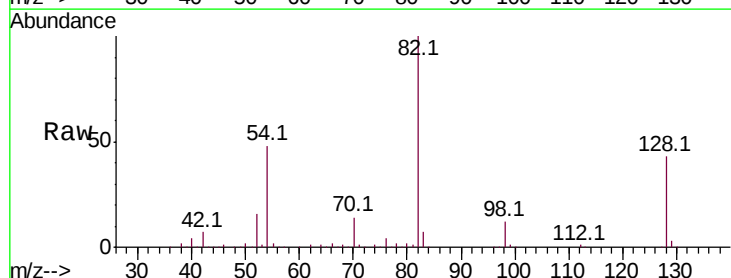
Tgt Ion: 82 Resp: 478343

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

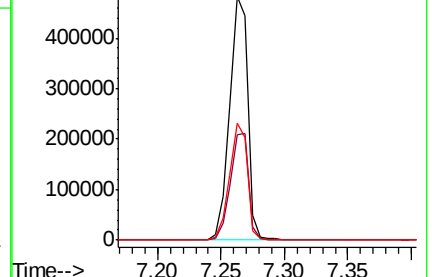
54 48.1 41.4 62.2

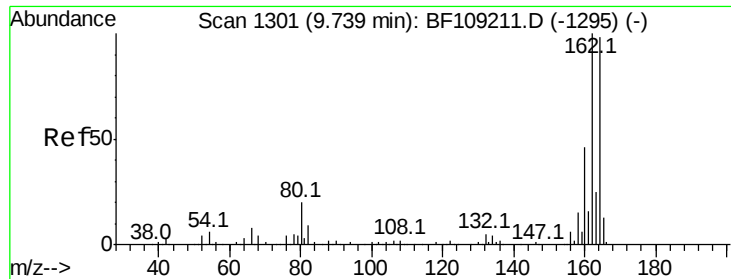


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

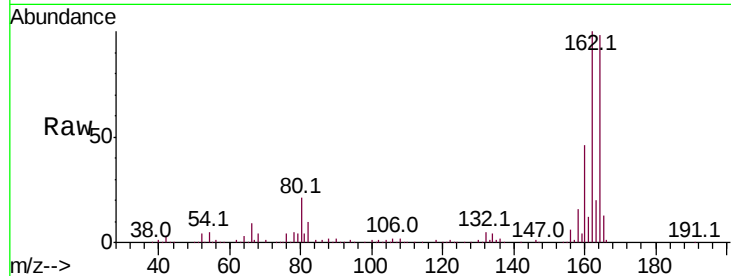




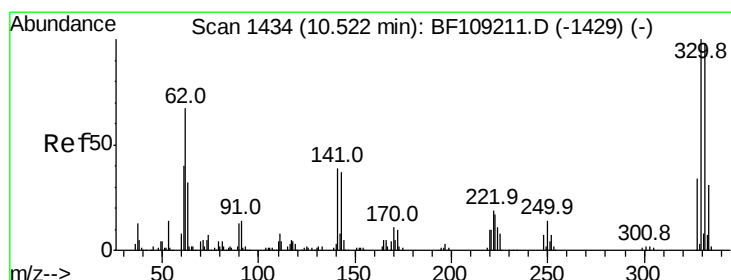
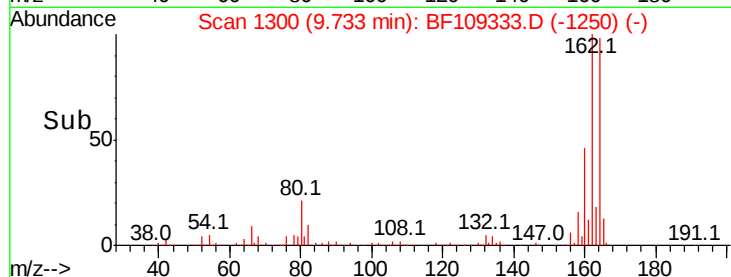
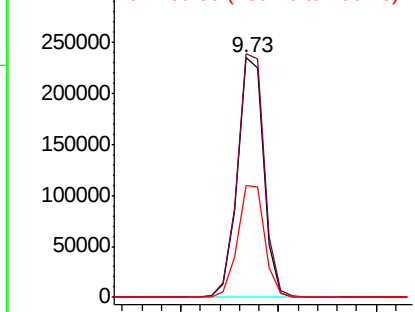
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.9	38.3	57.5

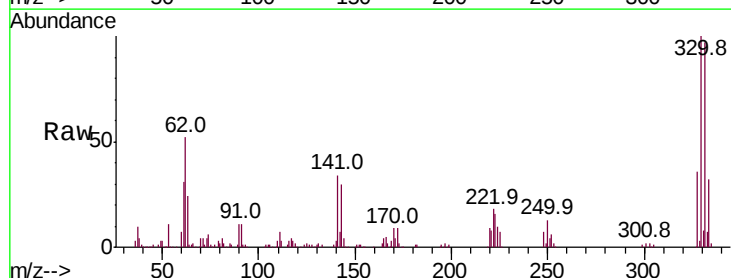


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

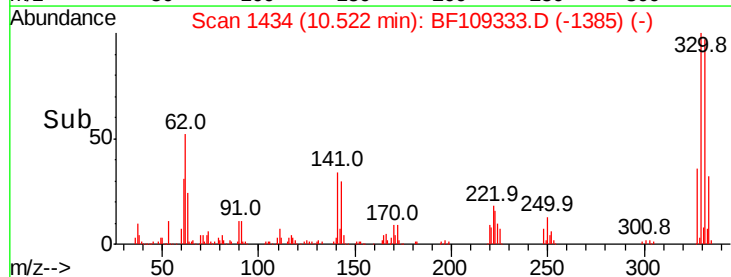
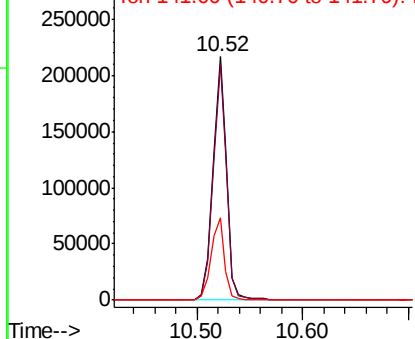


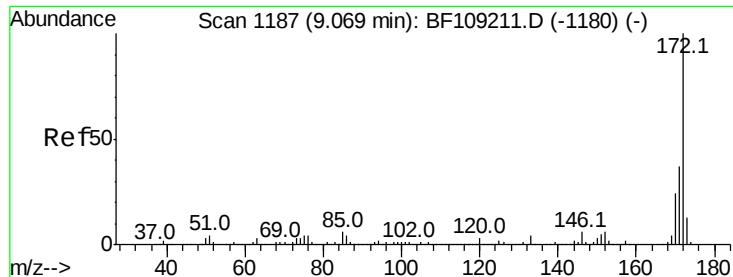
#41
 2,4,6-Tribromophenol
 Concen: 92.763 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	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

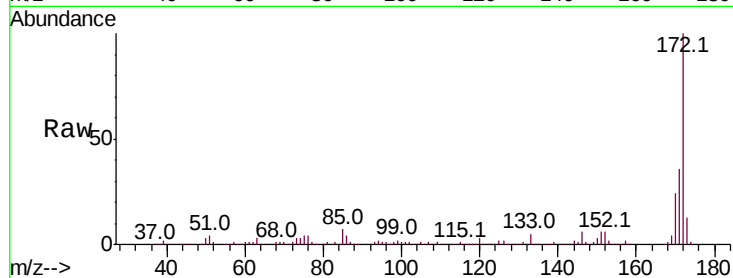




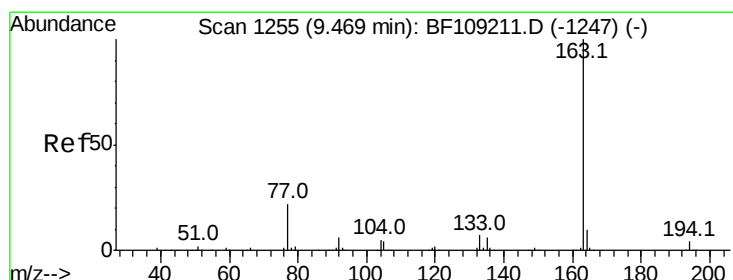
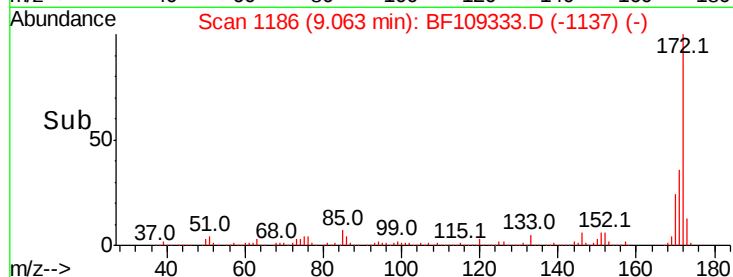
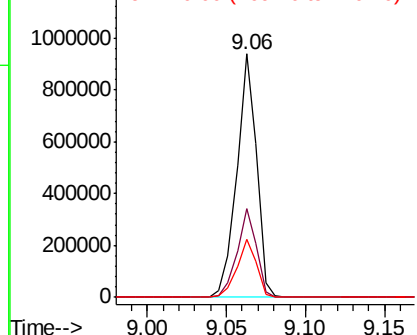
#44
2-Fluorobiphenyl
Concen: 56.338 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Instrument :
BNA_F
ClientSampleId :
PHASE-2

Tot Ion:172 Resp: 813602
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

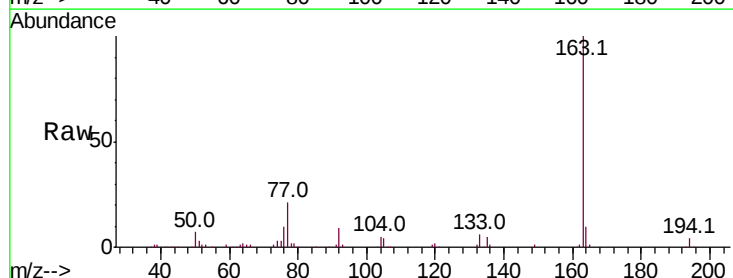


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

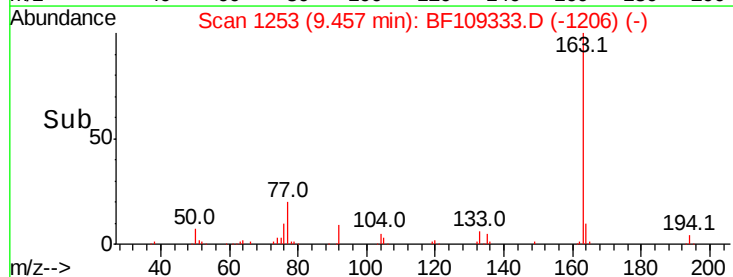
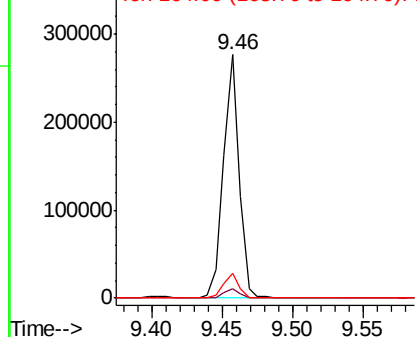


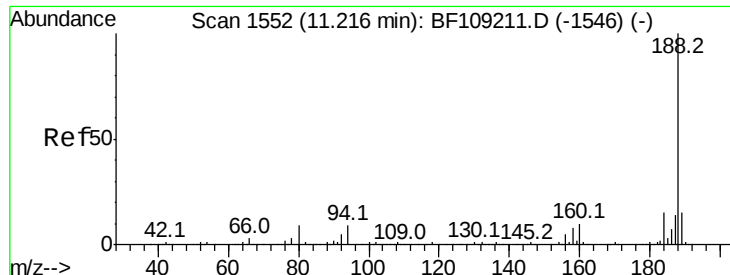
#49
Dimethylphthalate
Concen: 13.540 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Tgt Ion:163 Resp: 214489
Ion Ratio Lower Upper
163 100
194 3.6 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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampleId :

PHASE-2

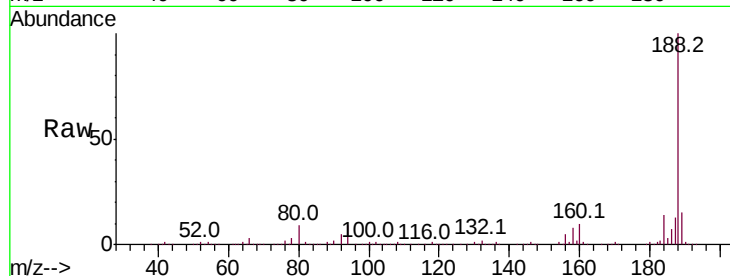
Tot Ion:188 Resp: 439636

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

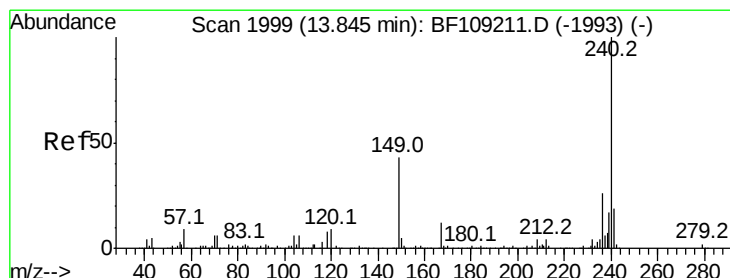
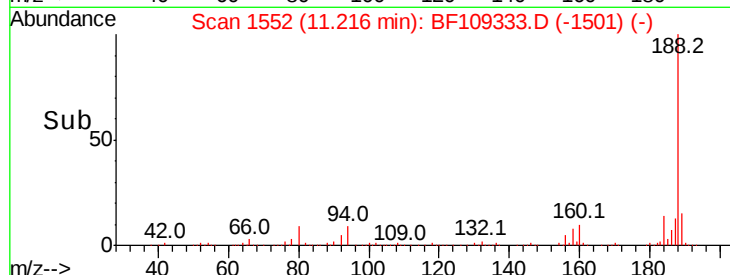
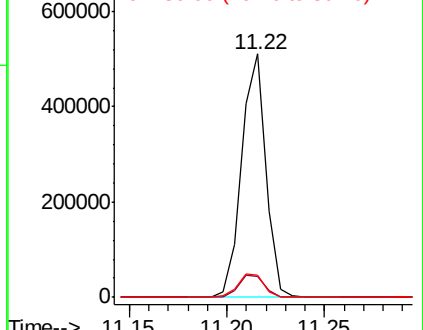
80 9.3 9.2 13.8



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: BF109333.D

Acq: 26 Sep 2018 13:51

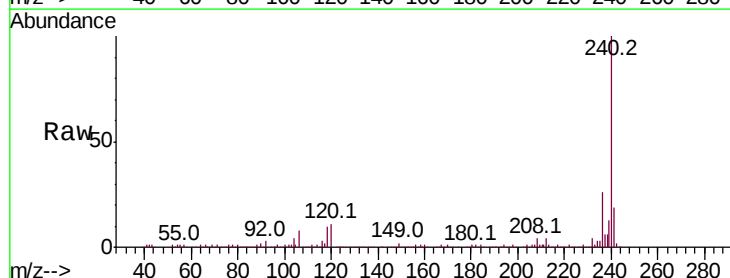
Tgt Ion:240 Resp: 327276

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

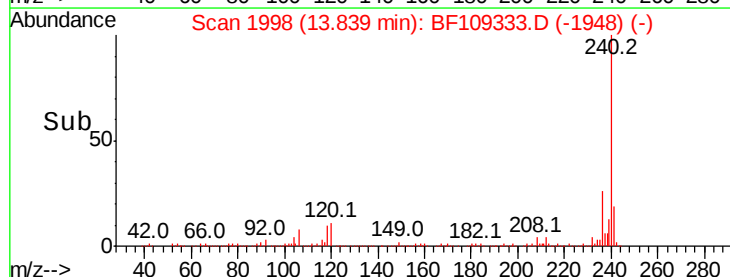
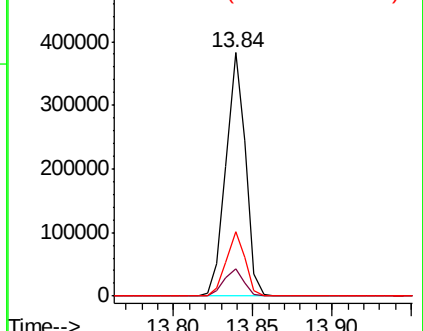
236 26.2 20.7 31.1

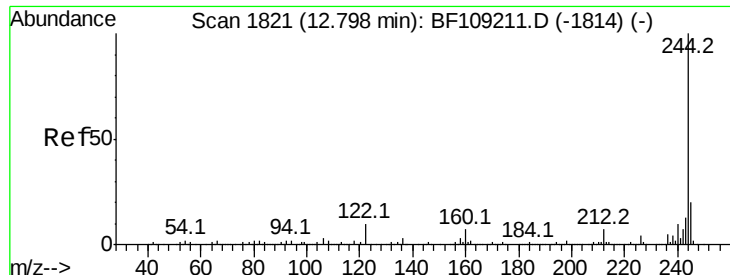


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

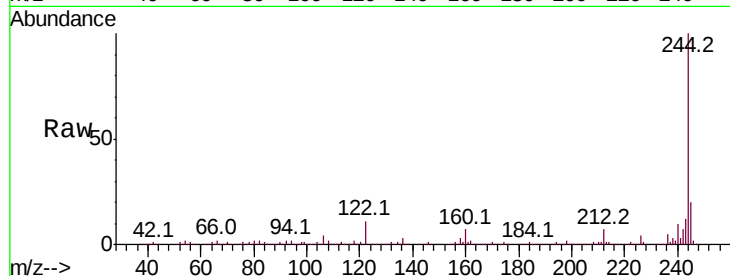




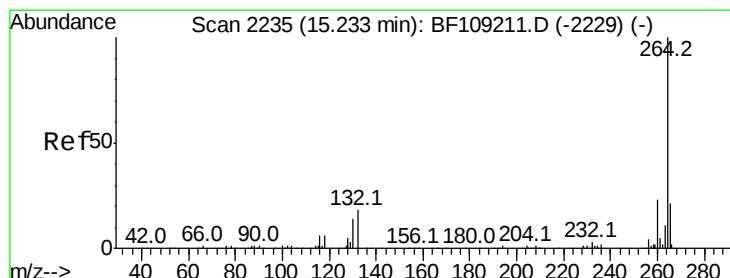
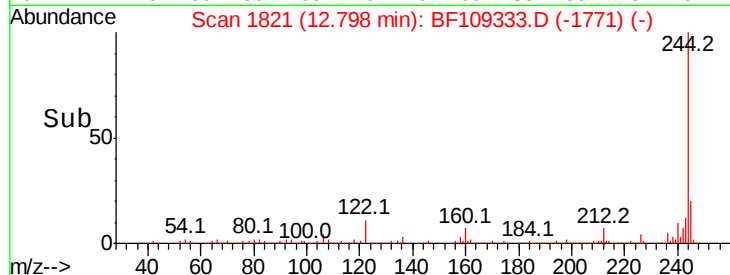
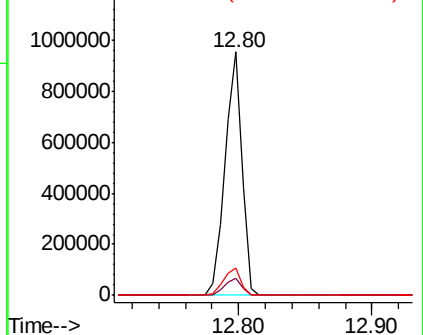
#78
 Terphenyl-d14
 Concen: 64.117 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-2

Tot Ion:244 Resp: 855035
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.2 11.0 16.4

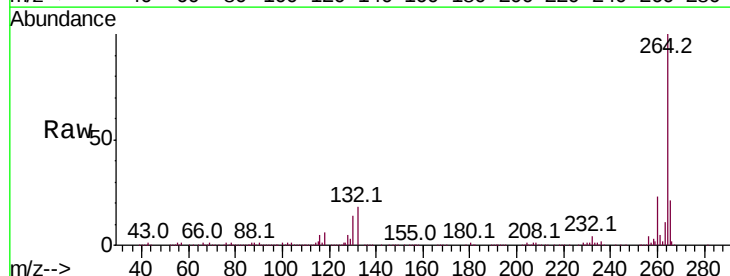


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

Tgt Ion:264 Resp: 315792
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 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

