

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109361.D
 Acq On : 27 Sep 2018 2:44
 Operator : JU/SJ
 Sample : J5053-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW10-GW

Quant Time: Sep 27 11:38:33 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

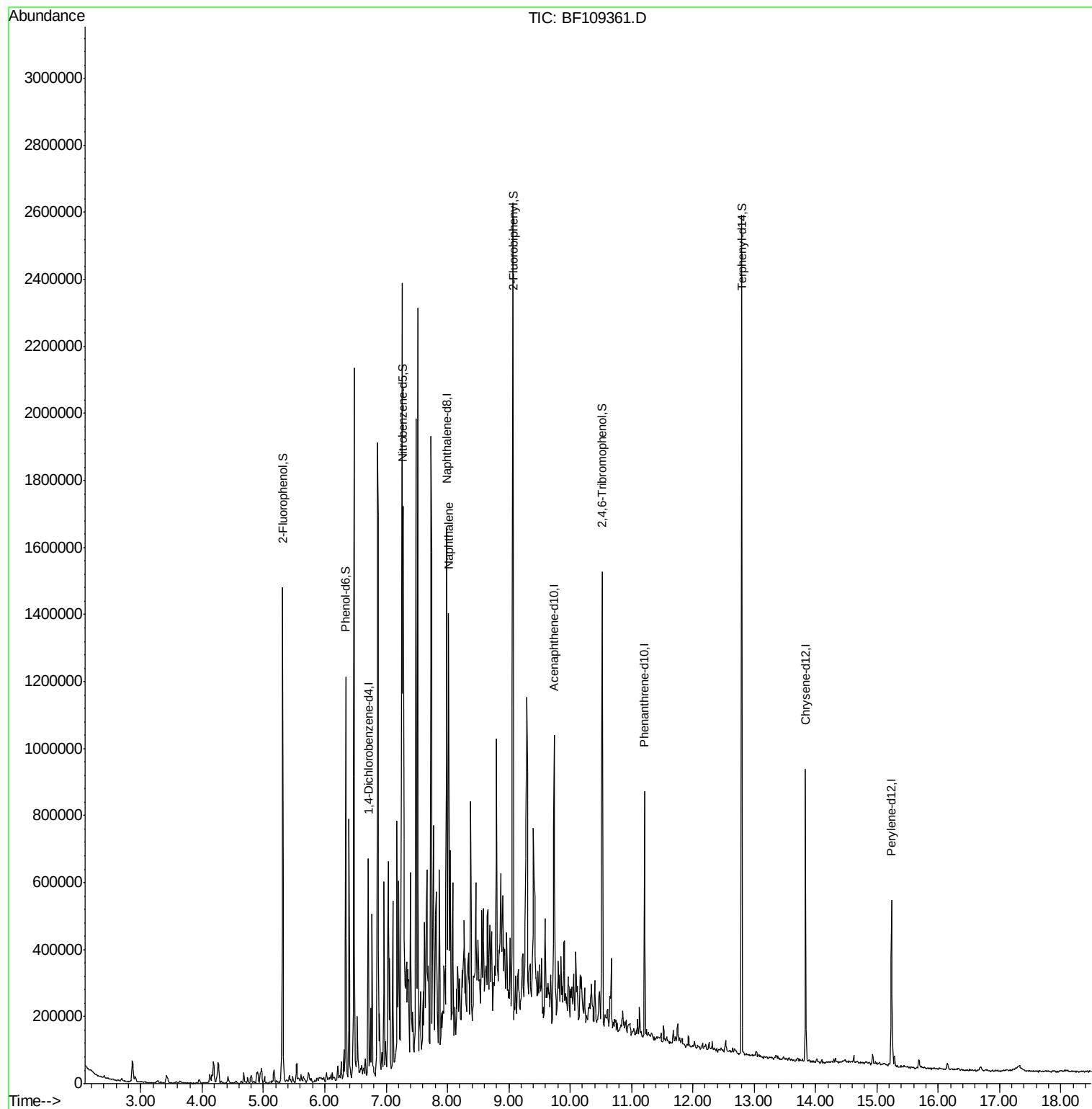
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	93966	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	311414	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	144409	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	245098	20.00	ng	0.00
75) Chrysene-d12	13.84	240	266364	20.00	ng	0.00
86) Perylene-d12	15.24	264	223408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	399866	70.09	ng	0.00
7) Phenol-d6	6.35	99	346054	47.54	ng	-0.01
23) Nitrobenzene-d5	7.27	82	447060	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	167678	117.79	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	782242	81.70	ng	0.00
78) Terphenyl-d14	12.80	244	801047	73.81	ng	0.00
Target Compounds						
31) Naphthalene	8.01	128	47601	3.271	ng	Qvalue # 58

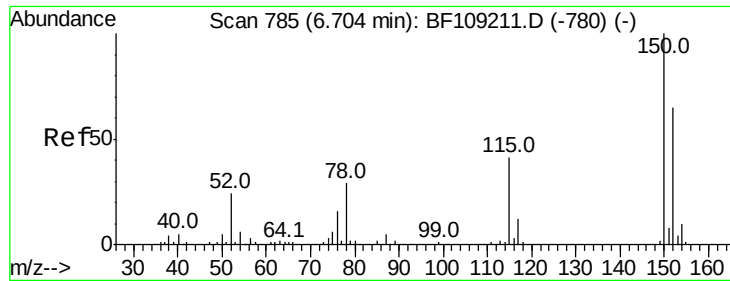
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109361.D
Acq On : 27 Sep 2018 2:44
Operator : JU/SJ
Sample : J5053-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Quant Time: Sep 27 11:38:33 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



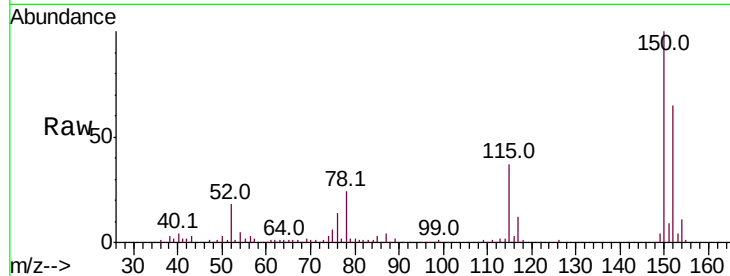


#1

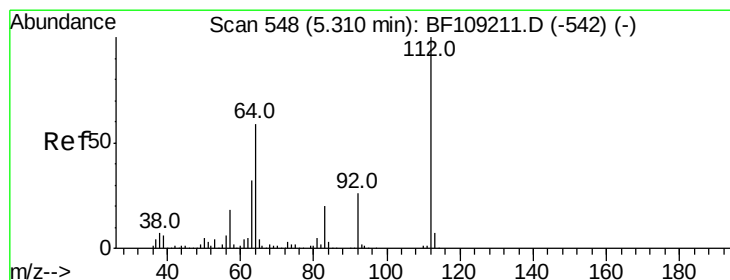
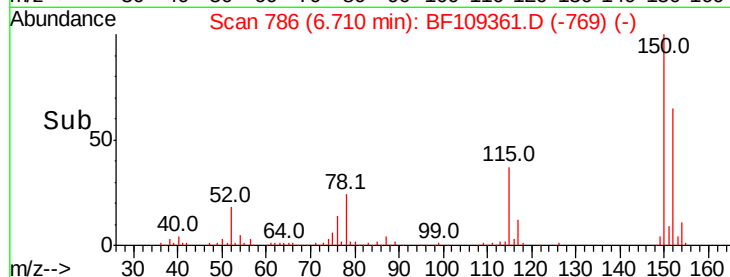
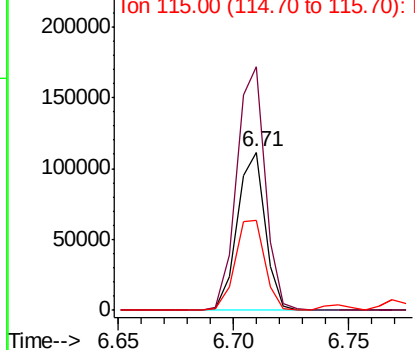
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109361.D
 Acq: 27 Sep 2018 2:44

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion:152 Resp: 93966
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.6 186.8
 115 56.8 50.1 75.1



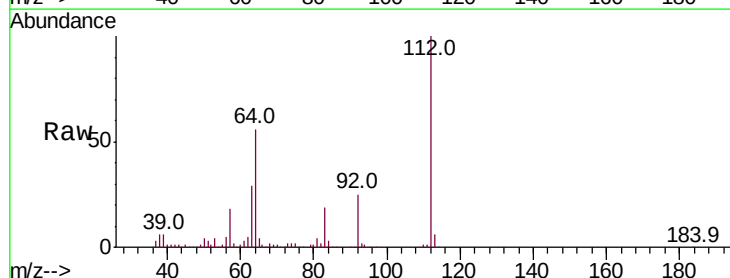
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



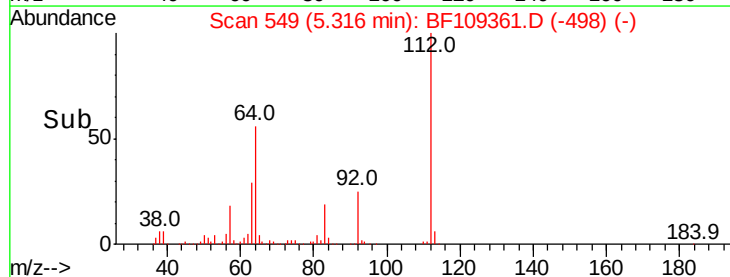
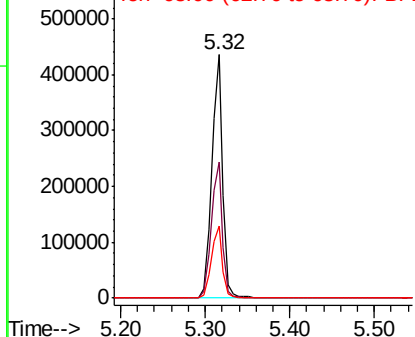
#5

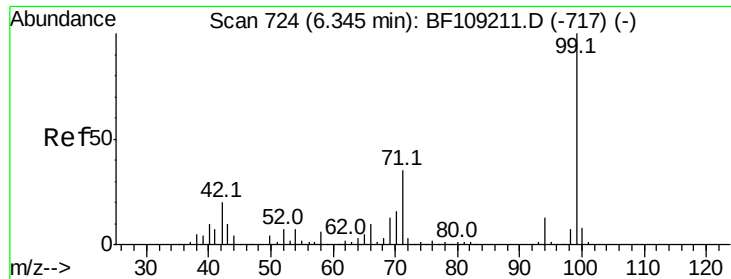
2-Fluorophenol
 Concen: 70.090 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109361.D
 Acq: 27 Sep 2018 2:44

Tgt Ion:112 Resp: 399866
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.9 71.9
 63 29.5 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: 47.536 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109361.D

Acq: 27 Sep 2018 2:44

Instrument :

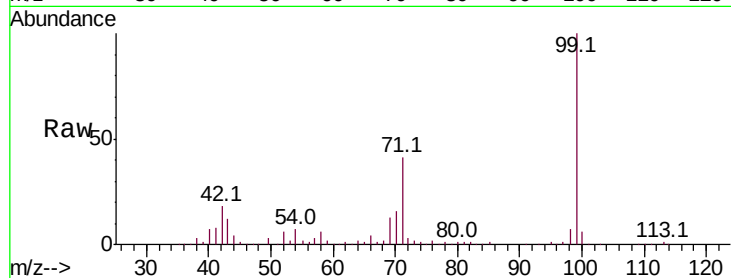
BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion: 99 Resp: 346054

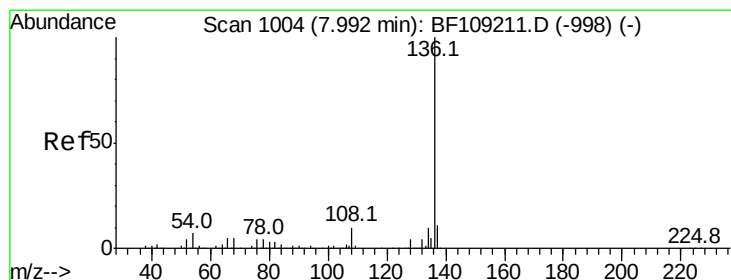
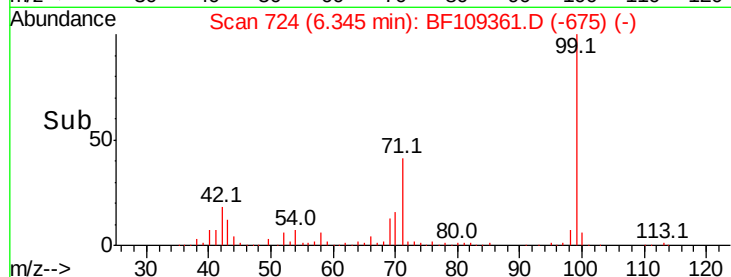
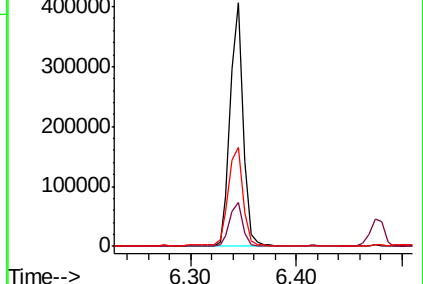
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	40.9	25.4	38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF109361.D

Acq: 27 Sep 2018 2:44

Tgt Ion: 136 Resp: 311414

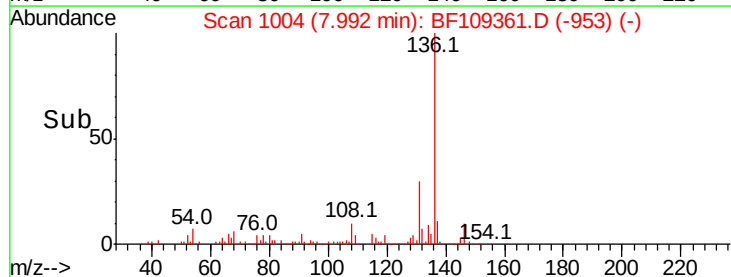
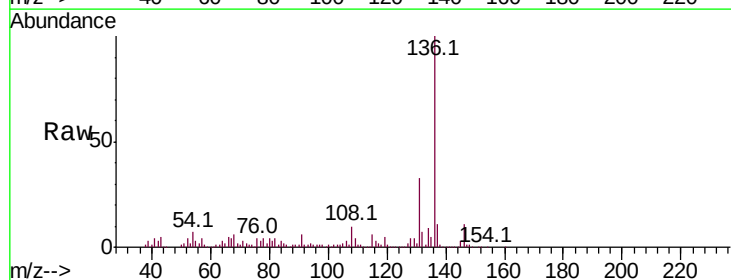
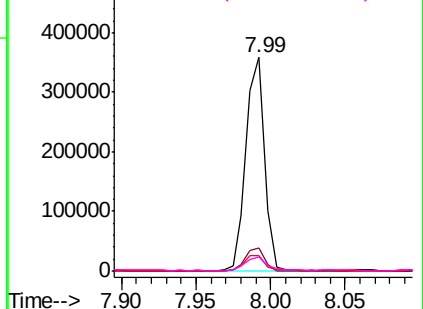
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4

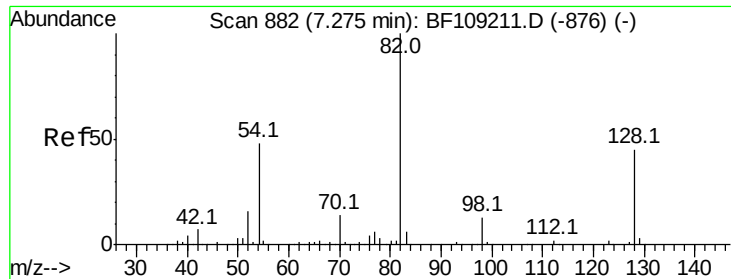
Abundance Ion 136.00 (135.70 to 136.70): E

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

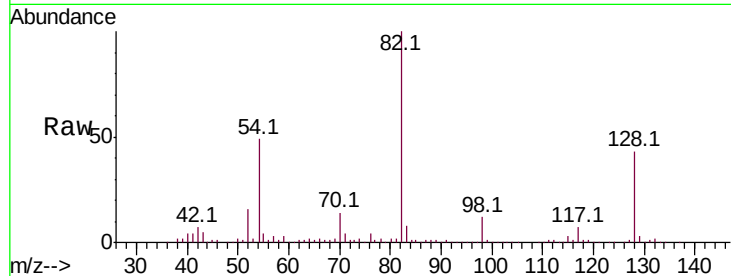




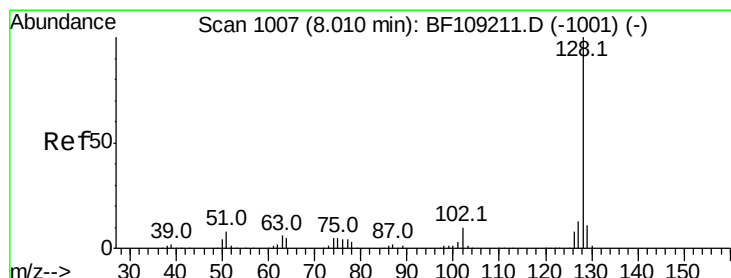
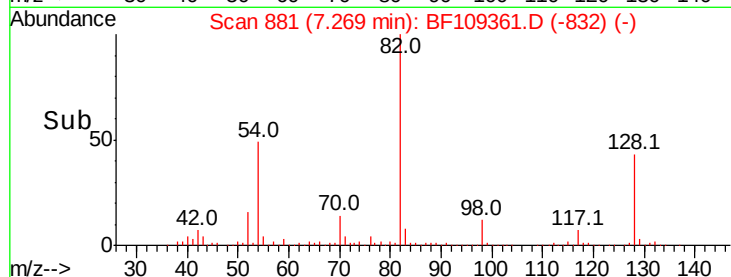
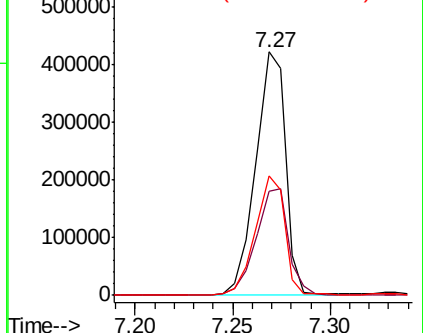
#23
Nitrobenzene-d5
Concen: 84.745 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion: 82 Resp: 447060
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 49.2 41.4 62.2

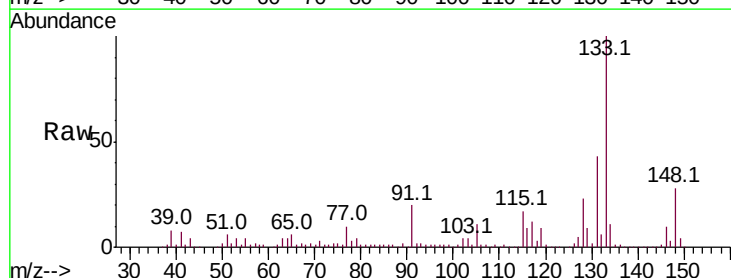


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

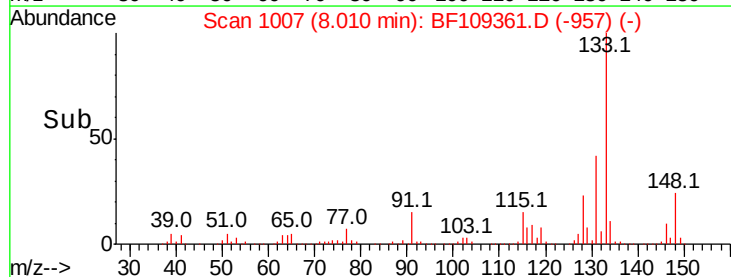
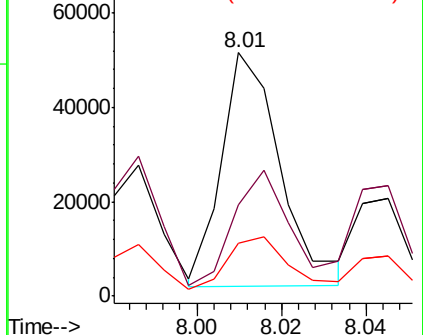


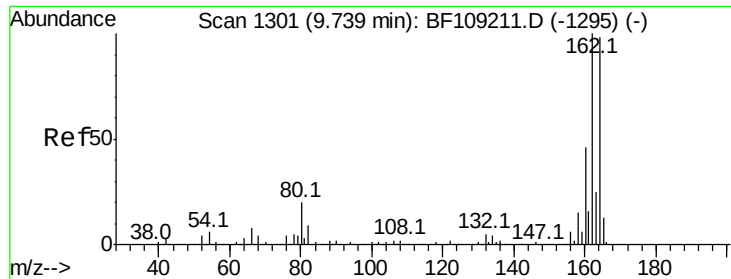
#31
Naphthalene
Concen: 3.271 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion: 128 Resp: 47601
Ion Ratio Lower Upper
128 100
129 37.7 8.8 13.2#
127 21.5 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

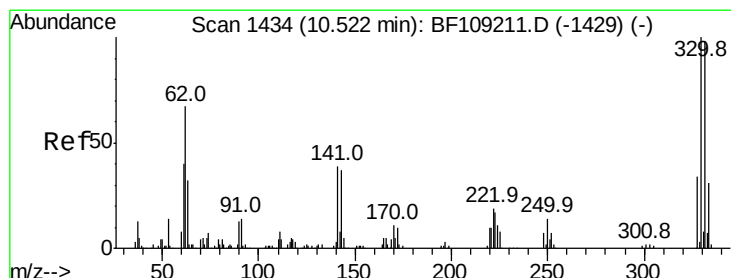
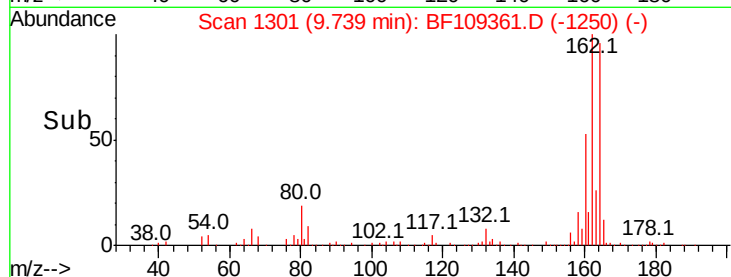
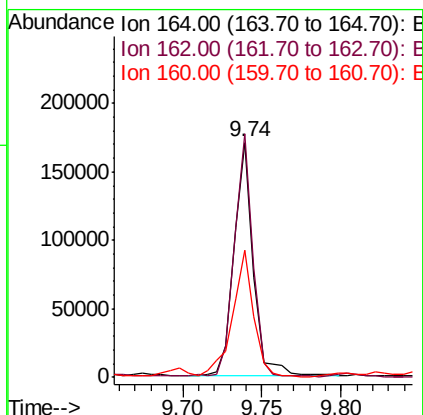
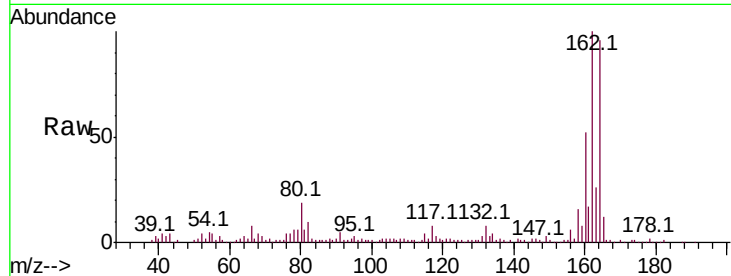




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109361.D
 Acq: 27 Sep 2018 2:44

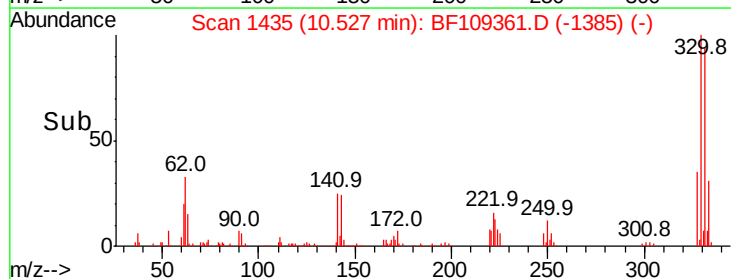
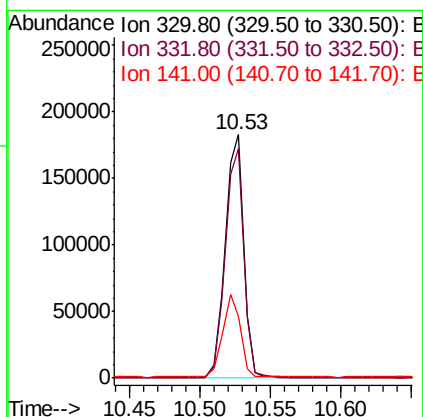
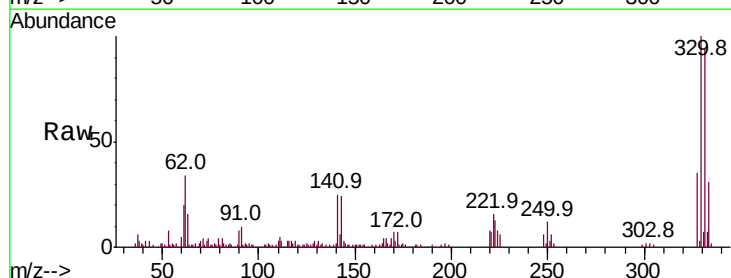
Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW10-GW

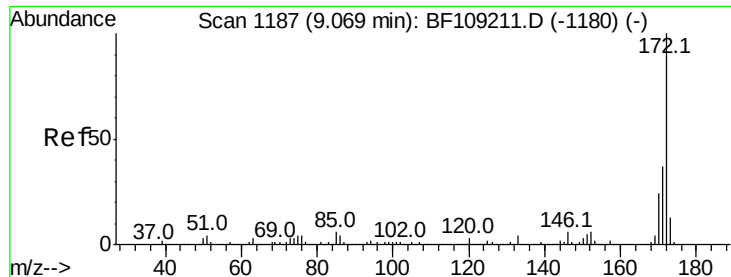
Tot Ion:164 Resp: 144409
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 54.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 117.787 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109361.D
 Acq: 27 Sep 2018 2:44

Tgt Ion:330 Resp: 167678
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 32.2 29.9 44.9

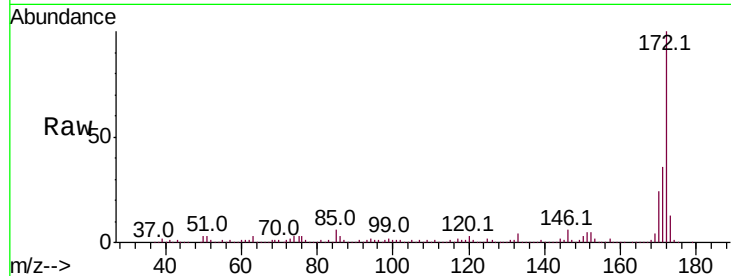




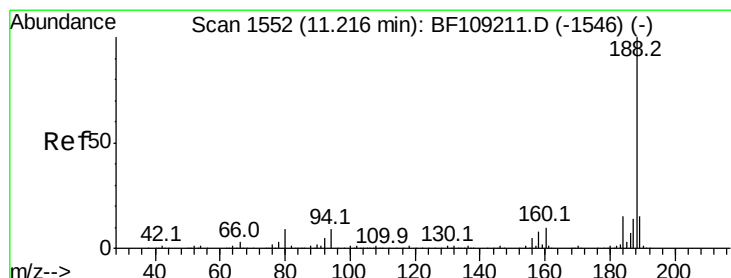
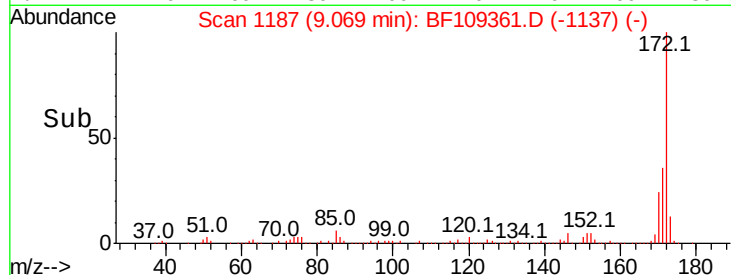
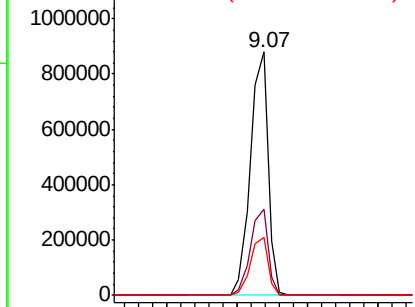
#44
2-Fluorobiphenyl
Concen: 81.697 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion:172 Resp: 782242
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.0 19.6 29.4

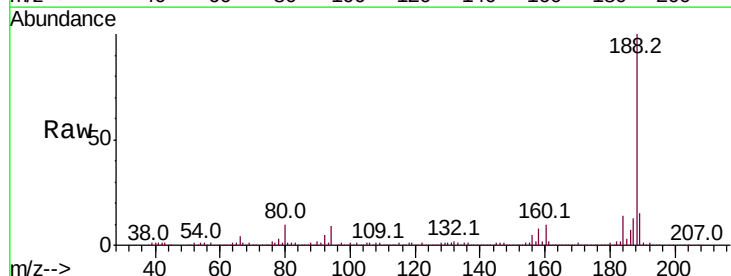


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

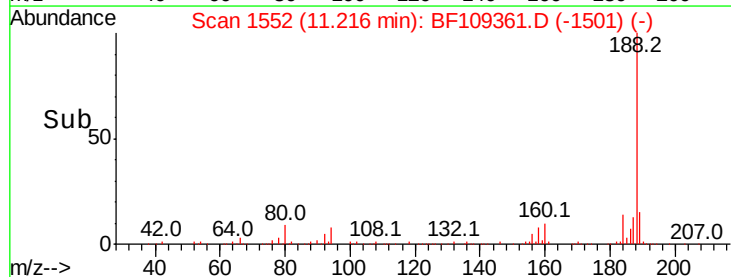
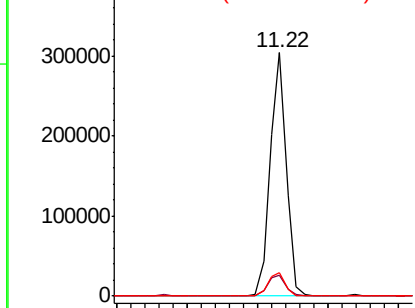


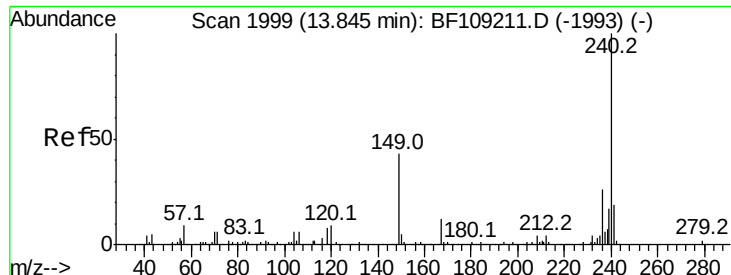
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109361.D
Acq: 27 Sep 2018 2:44

Tgt Ion:188 Resp: 245098
Ion Ratio Lower Upper
188 100
94 8.7 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109361.D

Acq: 27 Sep 2018 2:44

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

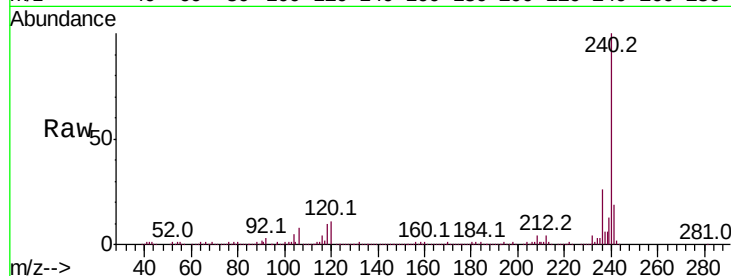
Tot Ion:240 Resp: 266364

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

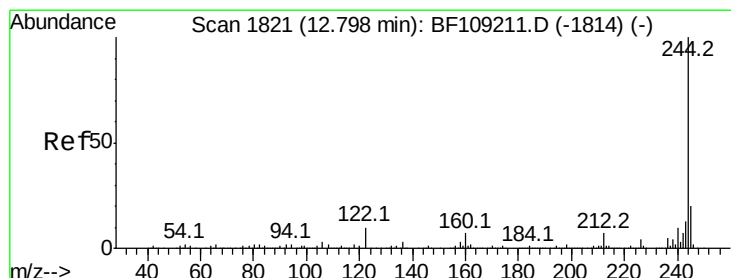
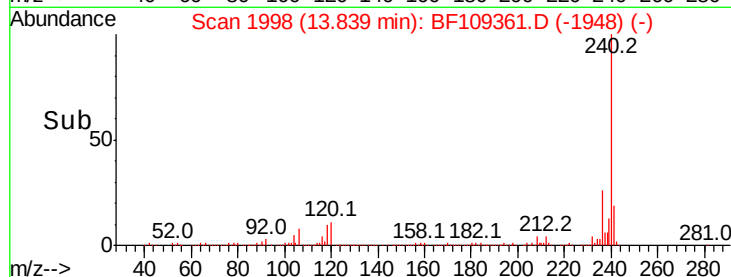
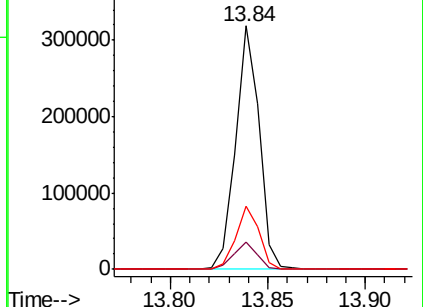
236 26.2 20.7 31.1



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: 73.805 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109361.D

Acq: 27 Sep 2018 2:44

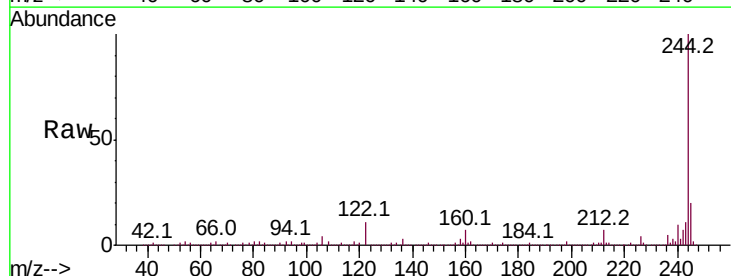
Tgt Ion:244 Resp: 801047

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

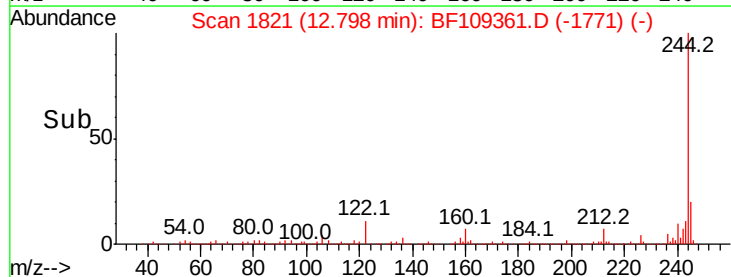
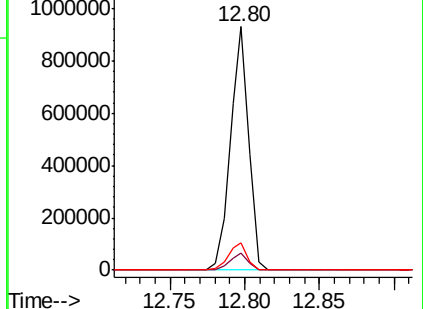
122 11.0 11.0 16.4

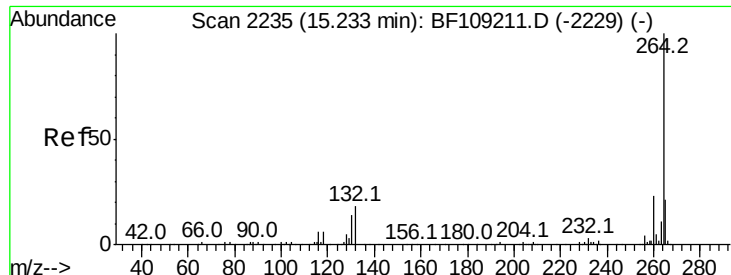


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109361.D
Acq: 27 Sep 2018 2:44

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3

