

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091590.D
 Acq On : 14 Dec 2016 18:01
 Operator : UM/SJ
 Sample : H5974-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: Dec 15 01:09:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	267504	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1034106	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	564663	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	920241	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	720136	20.00	ng	-0.02
86) Perylene-d12	15.35	264	549982	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	930469	58.60	ng	-0.02
7) Phenol-d6	6.43	99	816741	41.26	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1371188	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	598595	127.63	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2532648	77.50	ng	-0.02
78) Terphenyl-d14	12.90	244	2241530	70.63	ng	-0.02

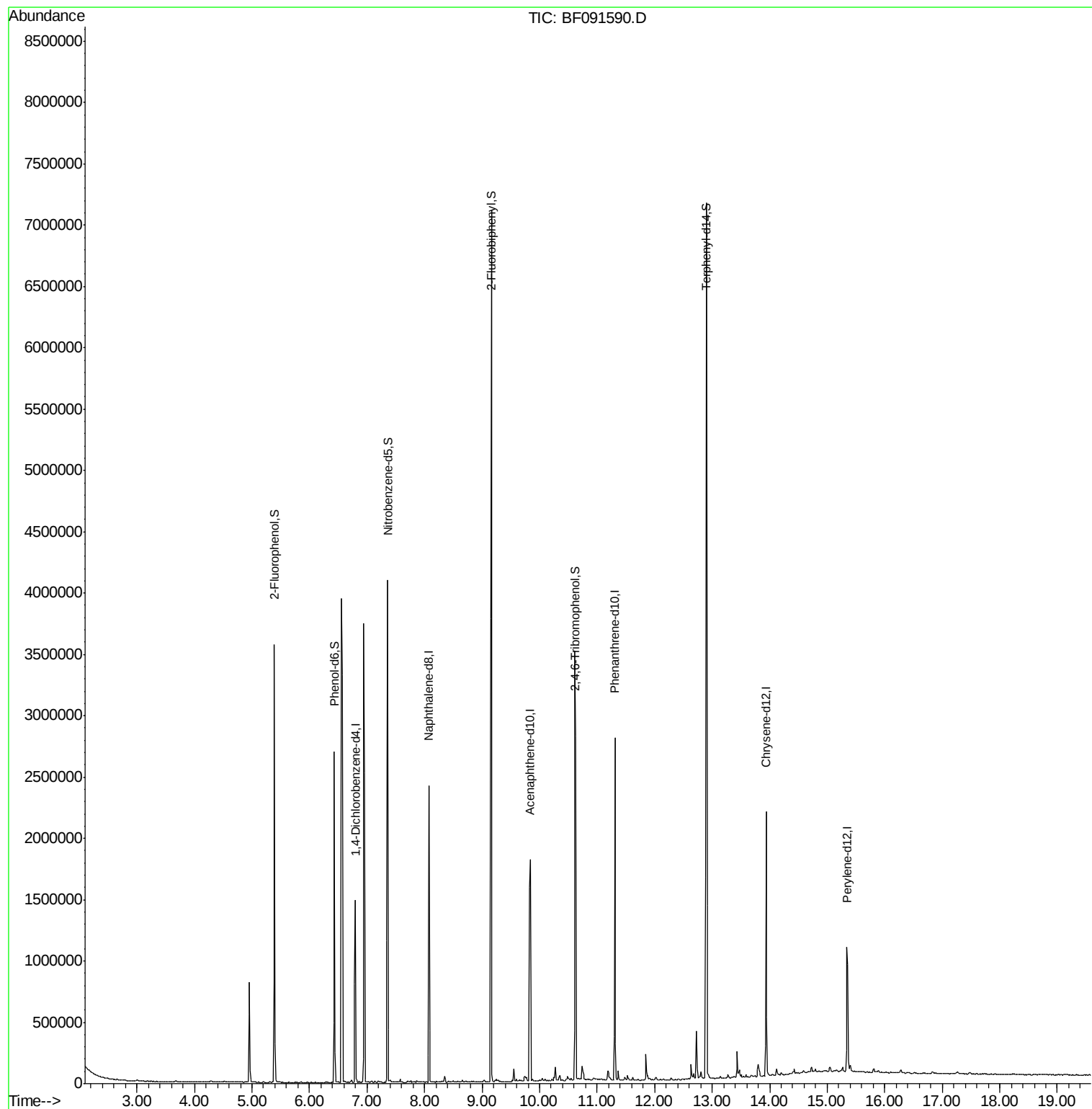
Target Compounds Qvalue

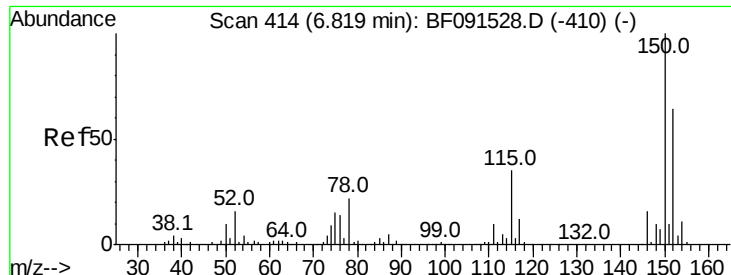
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091590.D
Acq On : 14 Dec 2016 18:01
Operator : UM/SJ
Sample : H5974-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16R

Quant Time: Dec 15 01:09:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



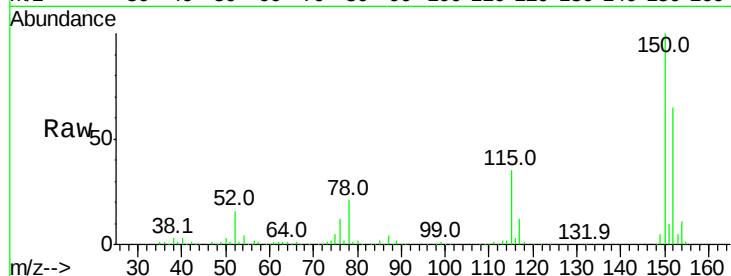


#1

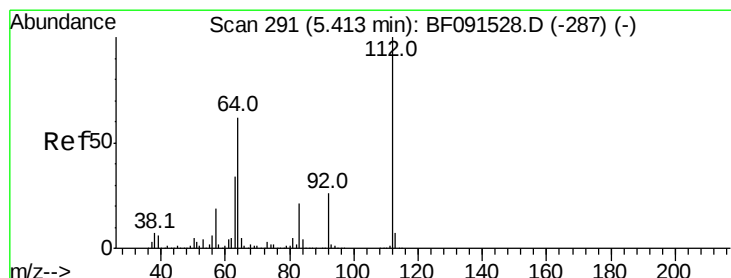
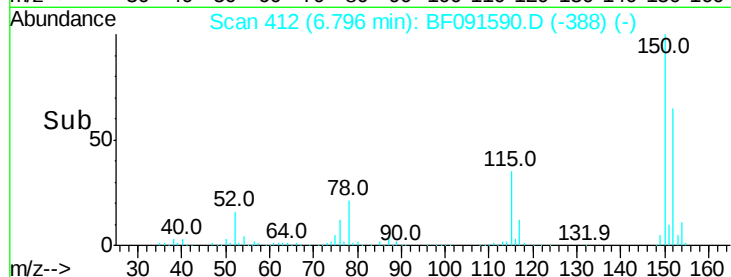
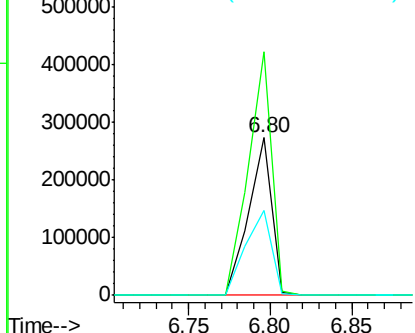
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091590.D
Acq: 14 Dec 2016 18:01

Instrument :
BNA_F
ClientSampleId :
MW-16R

Tot Ion:152 Resp: 267504
Ion Ratio Lower Upper
152 100
150 154.5 122.5 183.7
115 54.2 51.8 77.8



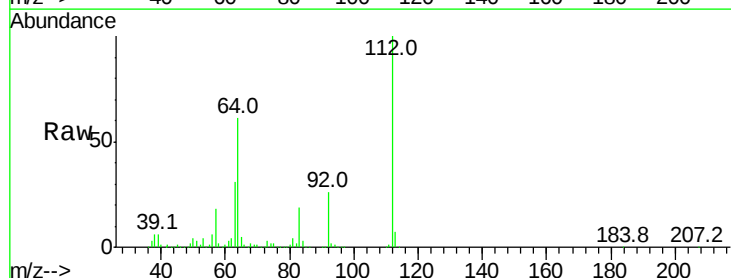
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



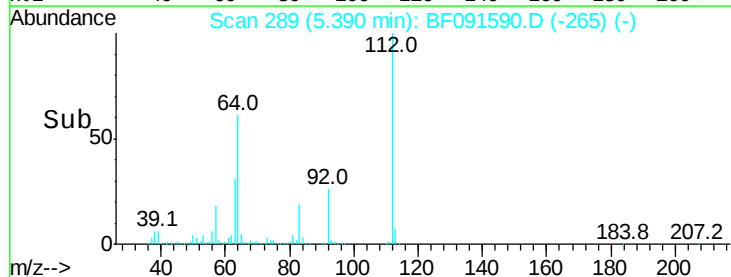
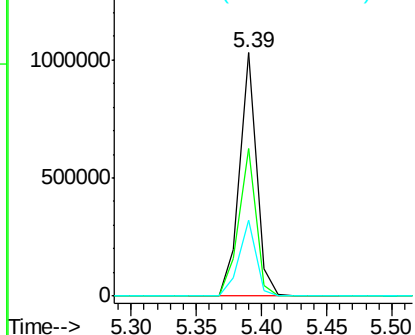
#5

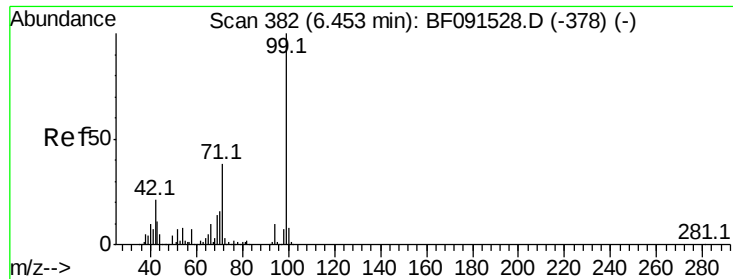
2-Fluorophenol
Concen: 58.60 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091590.D
Acq: 14 Dec 2016 18:01

Tgt Ion:112 Resp: 930469
Ion Ratio Lower Upper
112 100
64 60.8 61.5 92.3#
63 31.1 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.26 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091590.D

Acq: 14 Dec 2016 18:01

Instrument :

BNA_F

ClientSampleId :

MW-16R

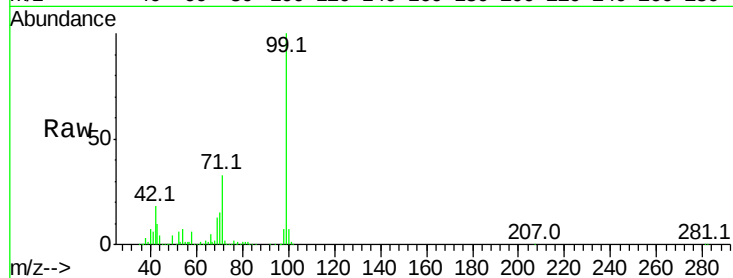
Tot Ion: 99 Resp: 816741

Ion Ratio Lower Upper

99 100

42 18.0 20.6 31.0#

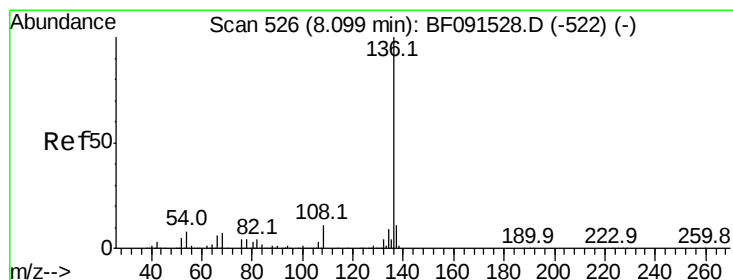
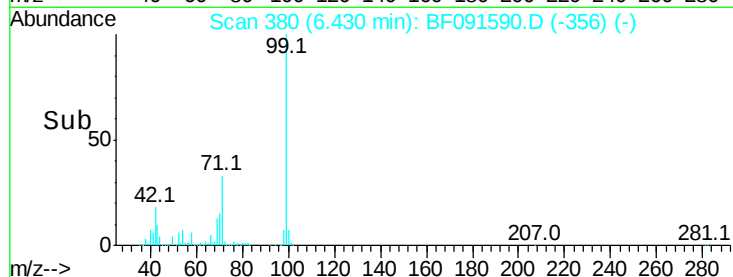
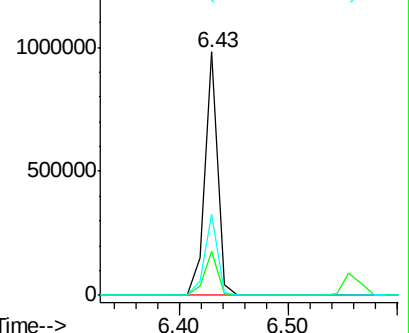
71 33.1 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091590.D

Acq: 14 Dec 2016 18:01

Tgt Ion: 136 Resp: 1034106

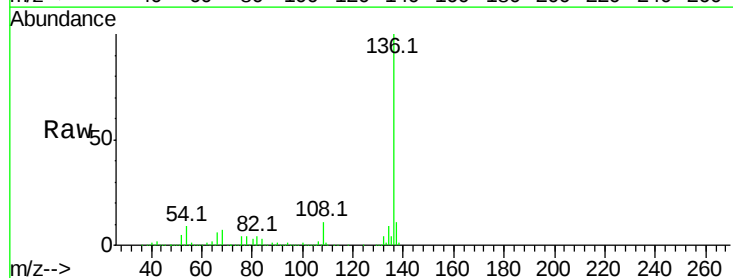
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 9.1 13.7#

68 7.0 5.9 8.9

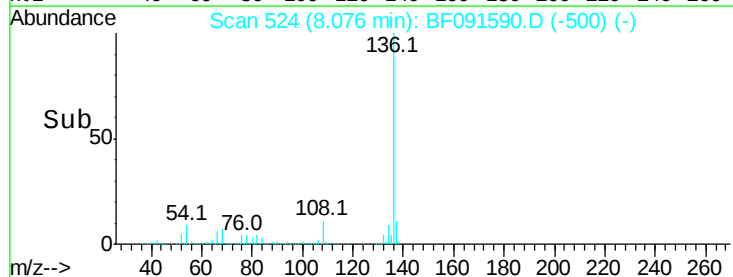
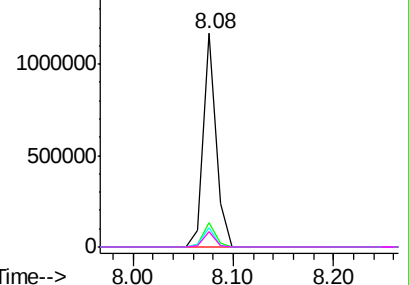


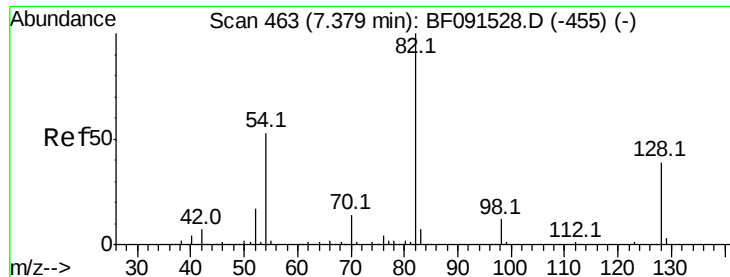
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



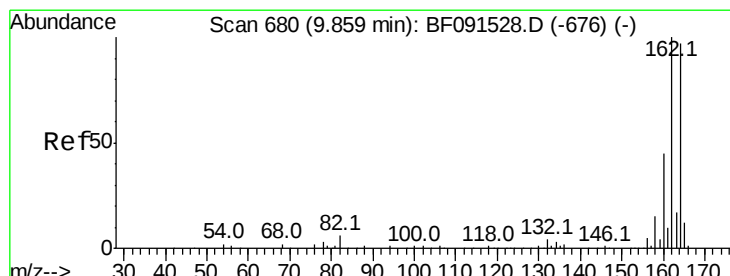
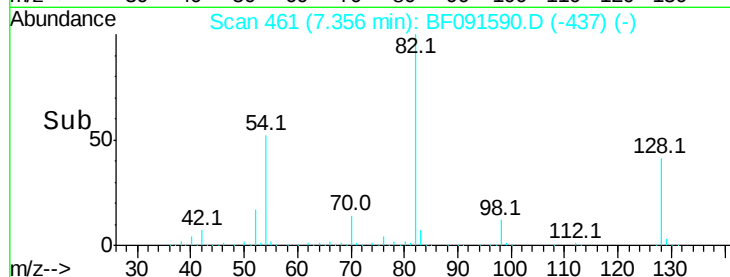
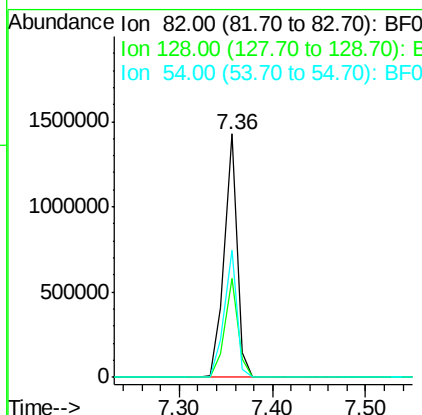
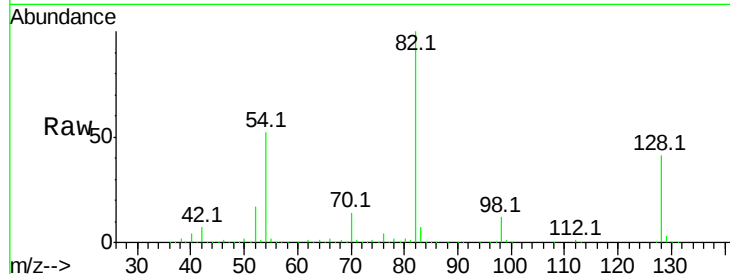


#23
 Nitrobenzene-d5
 Concen: 74.01 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091590.D
 Acq: 14 Dec 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tot Ion: 82 Resp: 1371188

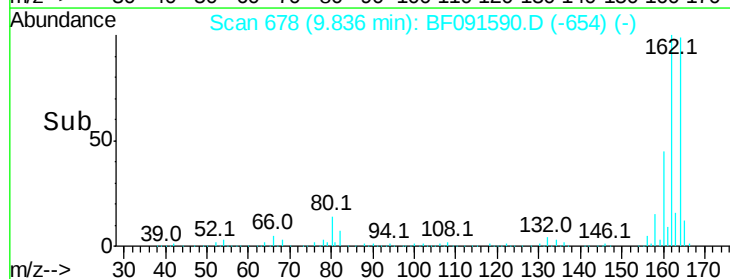
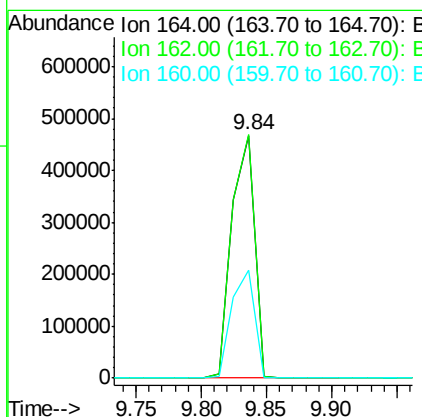
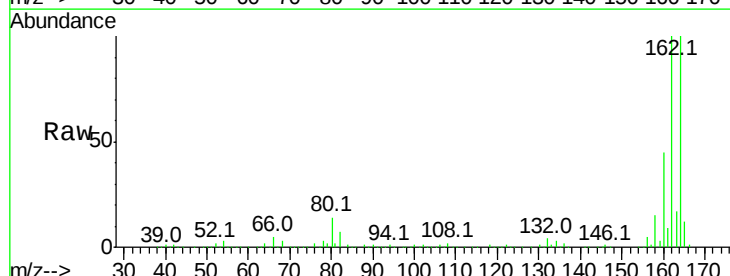
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	52.0	49.1	73.7

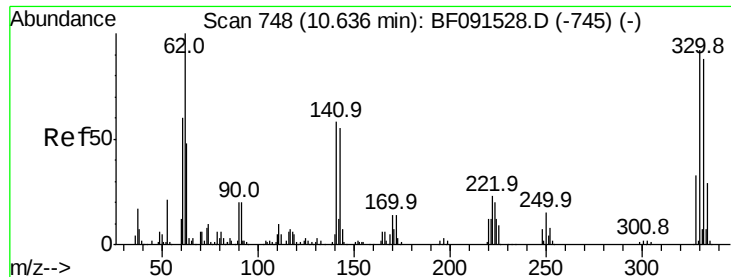


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091590.D
 Acq: 14 Dec 2016 18:01

Tgt Ion: 164 Resp: 564663

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	44.8	36.7	55.1

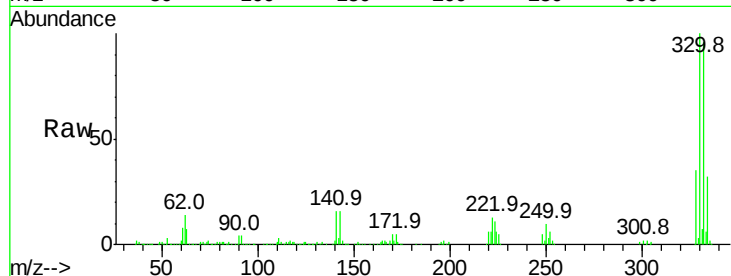




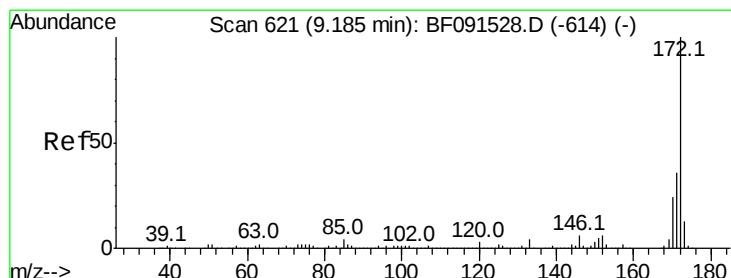
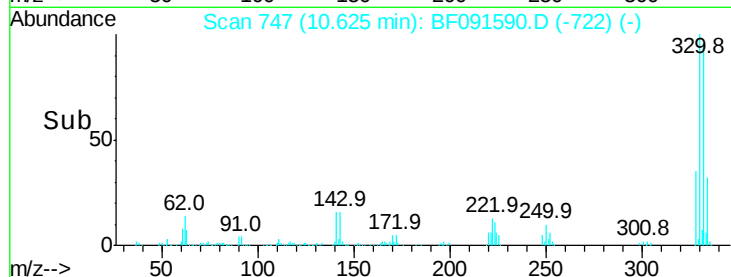
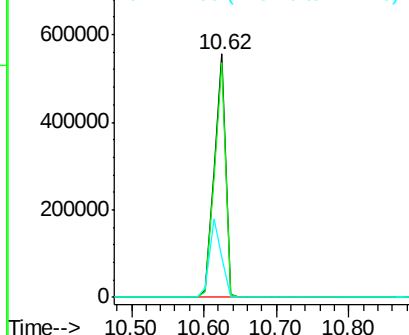
#41
 2,4,6-Tribromophenol
 Concen: 127.63 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091590.D
 Acq: 14 Dec 2016 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tot Ion:330 Resp: 598595
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 34.0 33.6 50.4

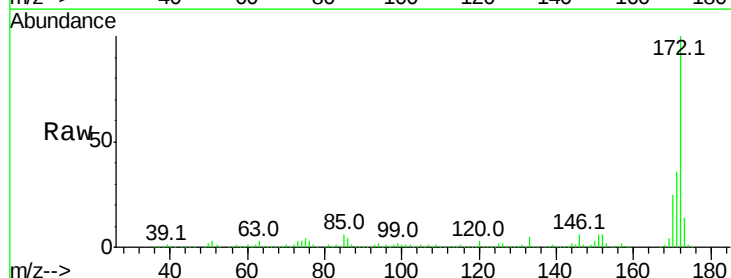


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

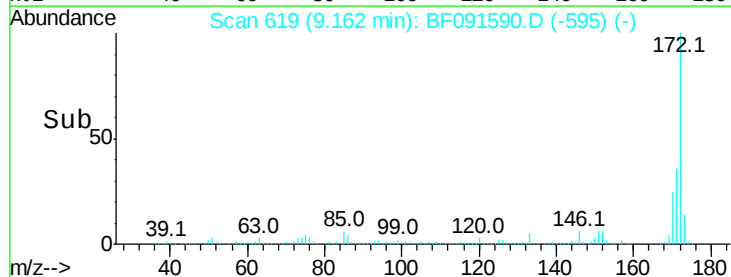
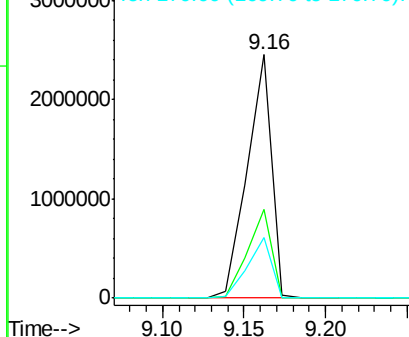


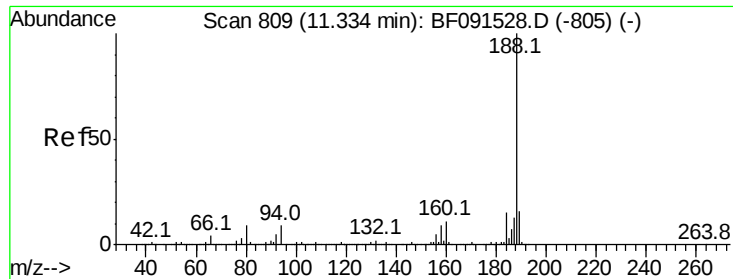
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091590.D
 Acq: 14 Dec 2016 18:01

Tgt Ion:172 Resp: 2532648
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 19.7 29.5



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

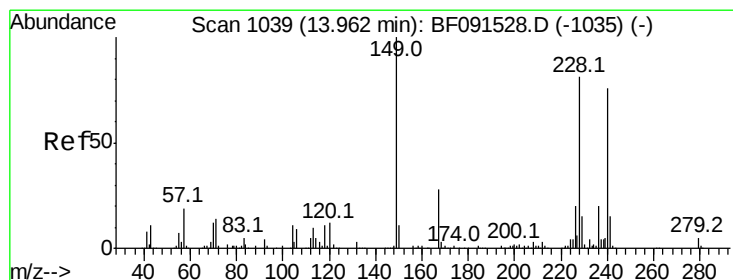
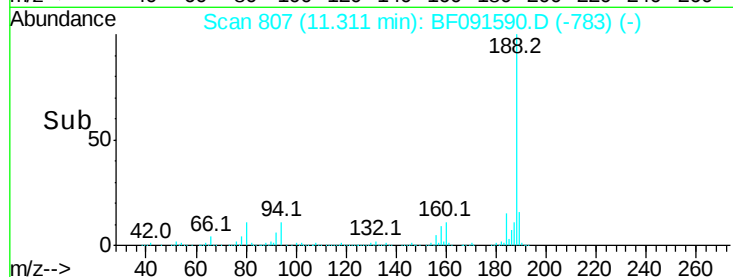
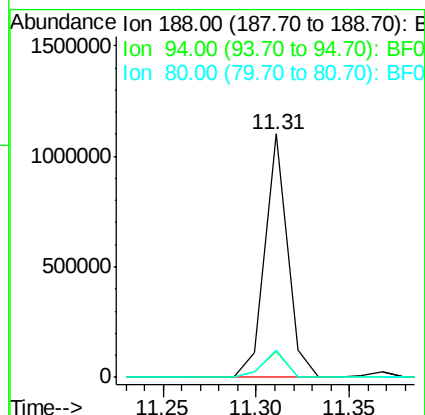
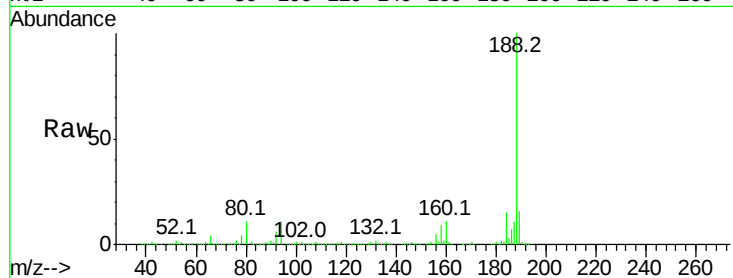




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091590.D
Acq: 14 Dec 2016 18:01

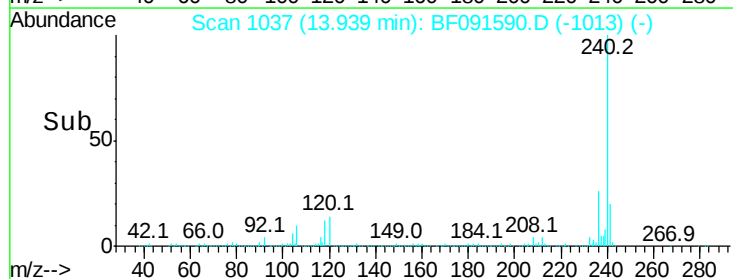
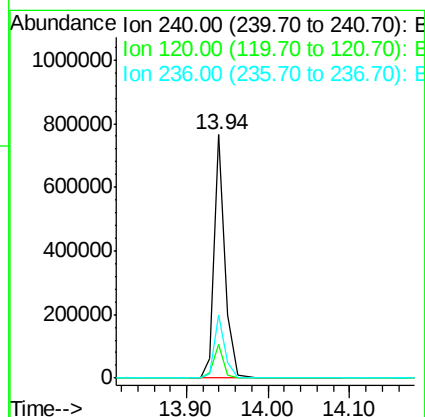
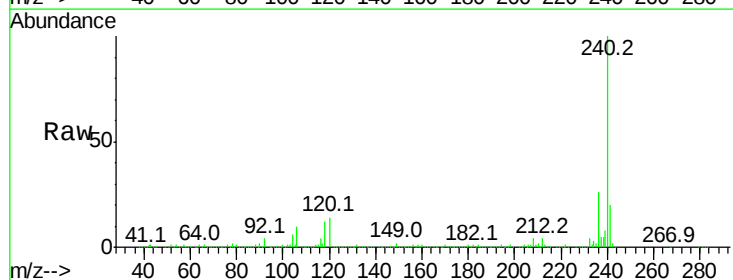
Instrument :
BNA_F
ClientSampleID :
MW-16R

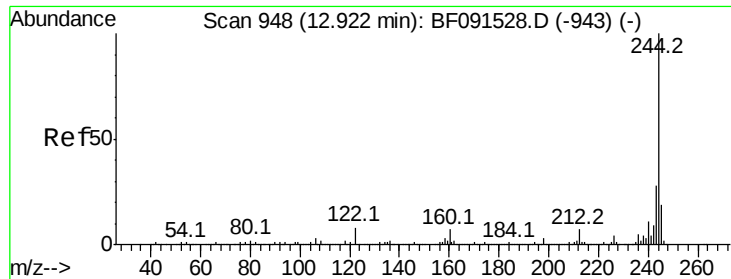
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.2	13.8
80	11.1	10.5	15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091590.D
Acq: 14 Dec 2016 18:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.1	18.1
236	25.8	21.0	31.6





#78

Terphenyl-d14

Concen: 70.63 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091590.D

Acq: 14 Dec 2016 18:01

Instrument :

BNA_F

ClientSampleId :

MW-16R

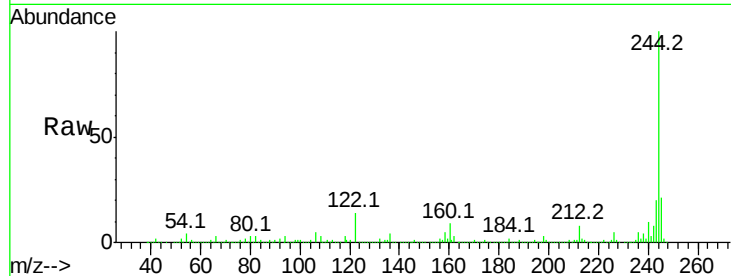
Tot Ion:244 Resp: 2241530

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

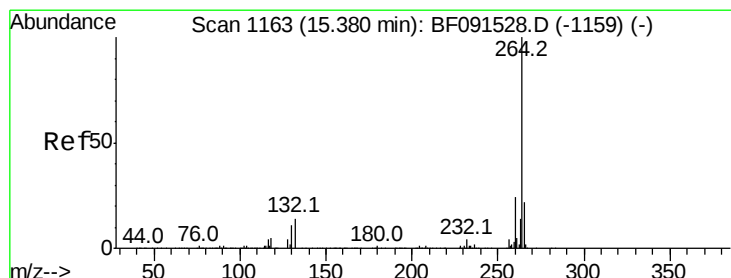
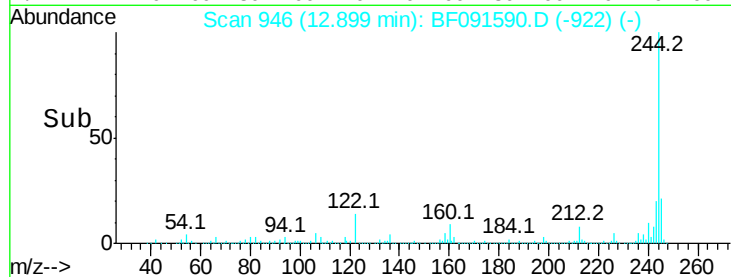
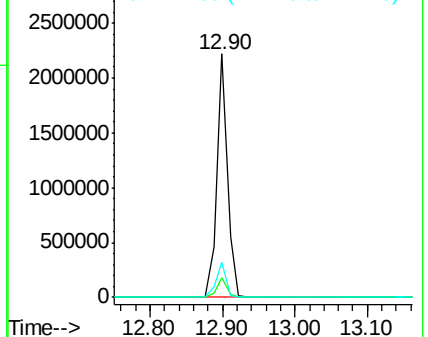
122 14.4 9.5 14.3#



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: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.03 min

Lab File: BF091590.D

Acq: 14 Dec 2016 18:01

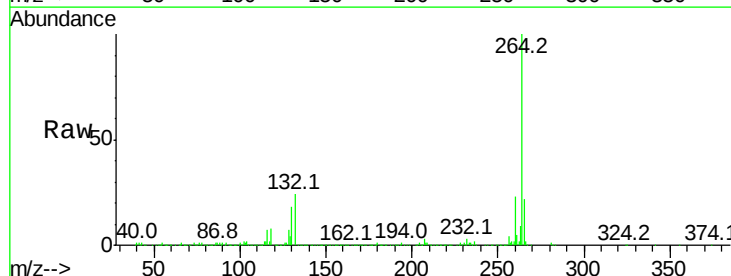
Tgt Ion:264 Resp: 549982

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.6 17.0 25.6



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

