

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091547.D
 Acq On : 13 Dec 2016 12:09
 Operator : UM/SJ
 Sample : PB95236BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BL

Quant Time: Dec 14 00:29:02 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	6.81	152	294283	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1268748	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	638975	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1027221	20.00	ng	0.00
75) Chrysene-d12	13.96	240	875761	20.00	ng	0.00
86) Perylene-d12	15.37	264	711546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2342330	134.10	ng	0.01
7) Phenol-d6	6.45	99	2885111	132.49	ng	0.00
23) Nitrobenzene-d5	7.38	82	2002840	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	624924	117.75	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	3012319	81.46	ng	-0.01
78) Terphenyl-d14	12.92	244	2918249	75.61	ng	0.00

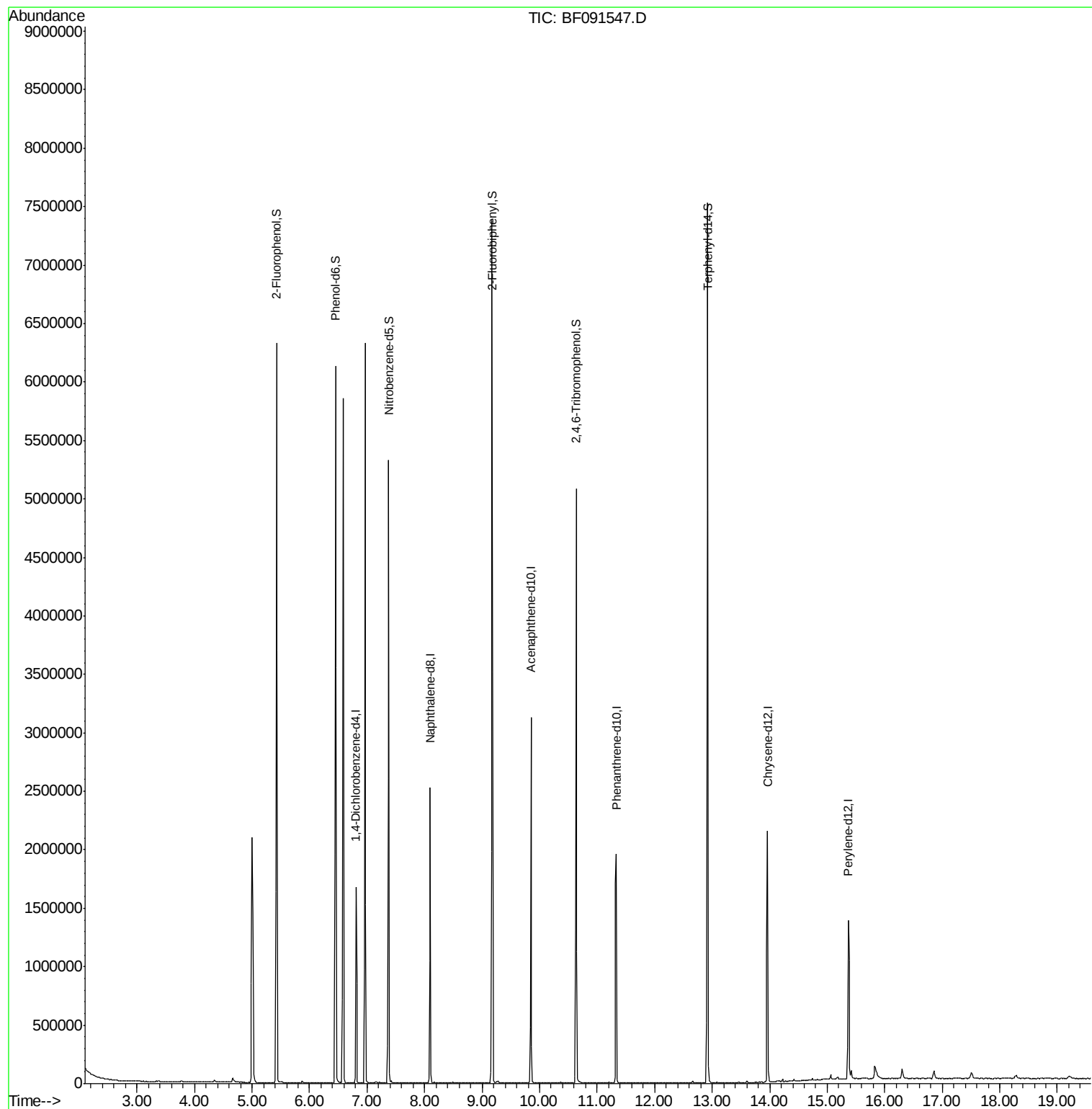
Target Compounds Qvalue

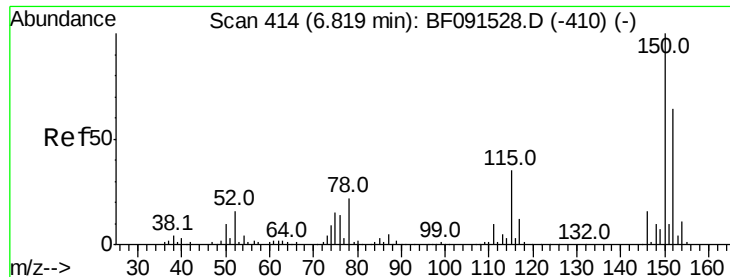
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091547.D
Acq On : 13 Dec 2016 12:09
Operator : UM/SJ
Sample : PB95236BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95236BL

Quant Time: Dec 14 00:29:02 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



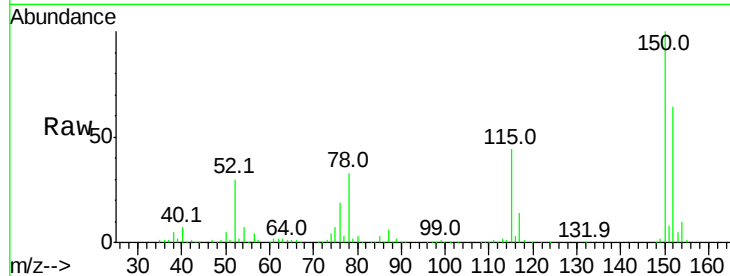


#1

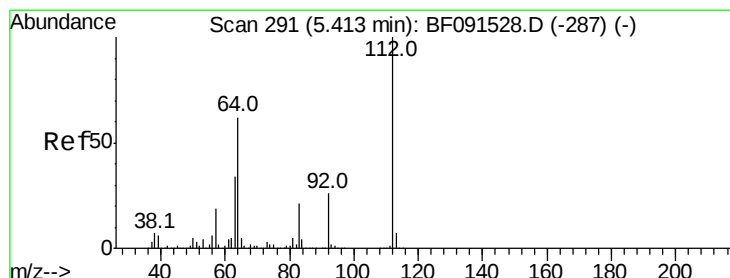
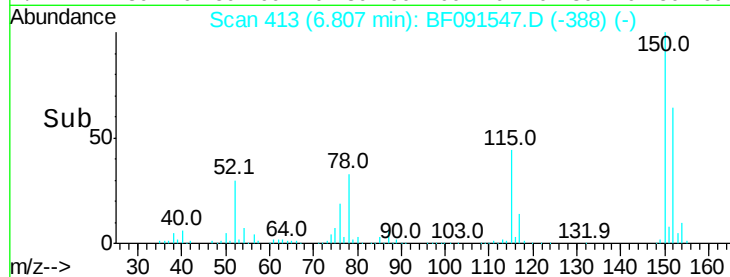
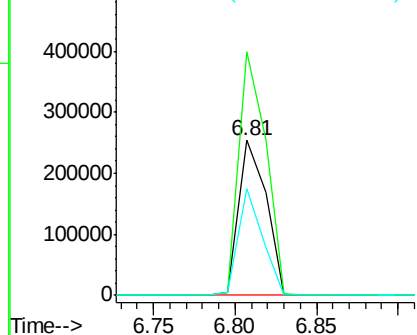
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091547.D
Acq: 13 Dec 2016 12:09

Instrument :
BNA_F
ClientSampleId :
PB95236BL

Tot Ion:152 Resp: 294283
Ion Ratio Lower Upper
152 100
150 157.2 122.5 183.7
115 69.1 51.8 77.8



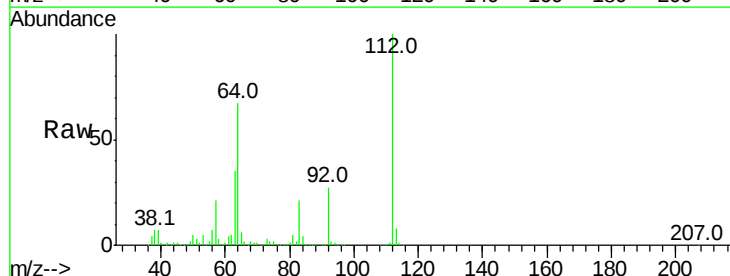
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



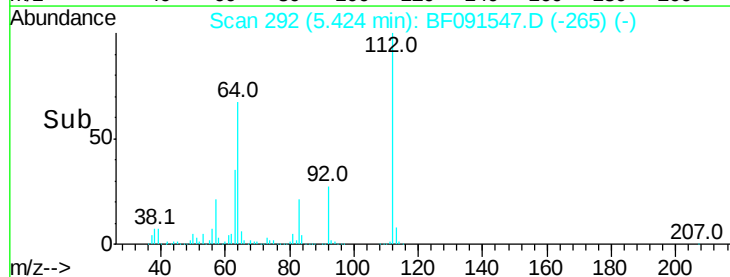
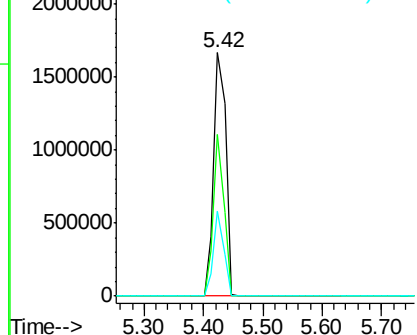
#5

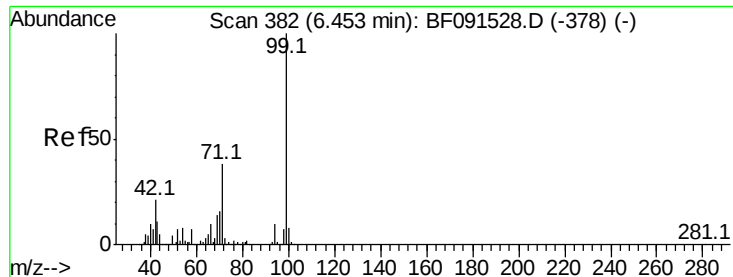
2-Fluorophenol
Concen: 134.10 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091547.D
Acq: 13 Dec 2016 12:09

Tgt Ion:112 Resp: 2342330
Ion Ratio Lower Upper
112 100
64 66.6 61.5 92.3
63 35.1 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: 132.49 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091547.D

Acq: 13 Dec 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB95236BL

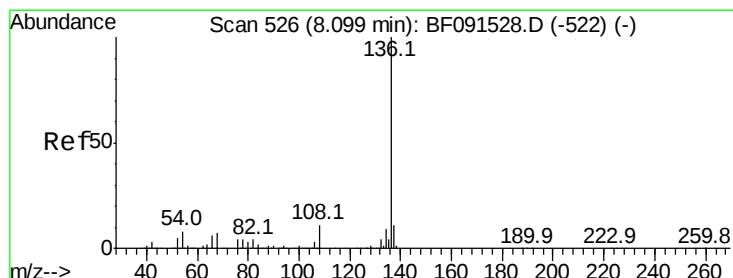
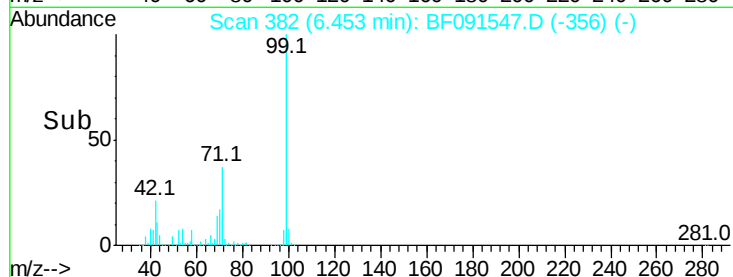
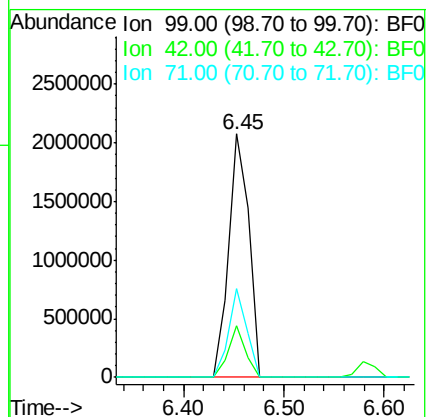
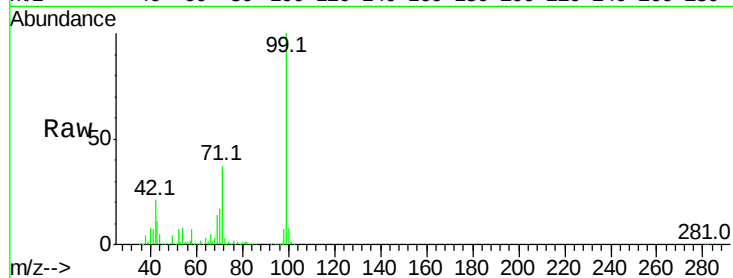
Tot Ion: 99 Resp: 2885111

Ion Ratio Lower Upper

99 100

42 21.1 20.6 31.0

71 36.6 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091547.D

Acq: 13 Dec 2016 12:09

Tgt Ion: 136 Resp: 1268748

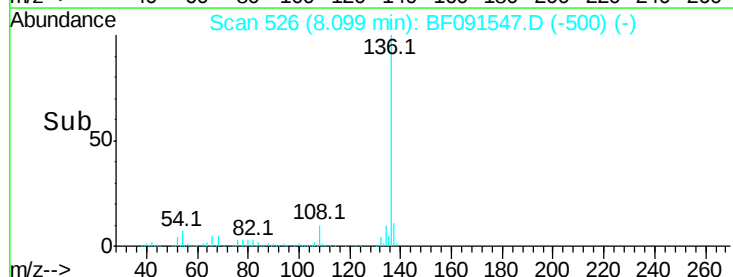
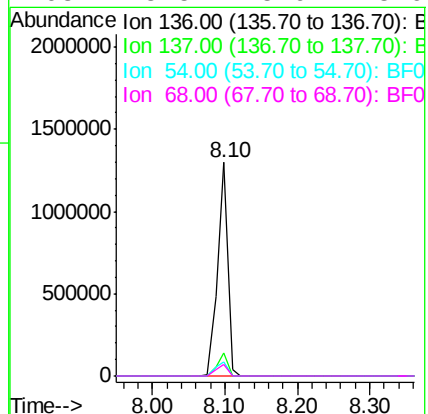
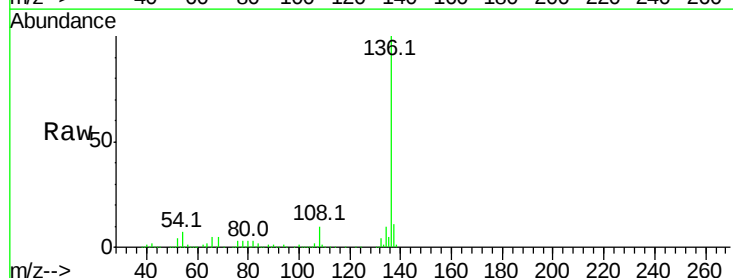
Ion Ratio Lower Upper

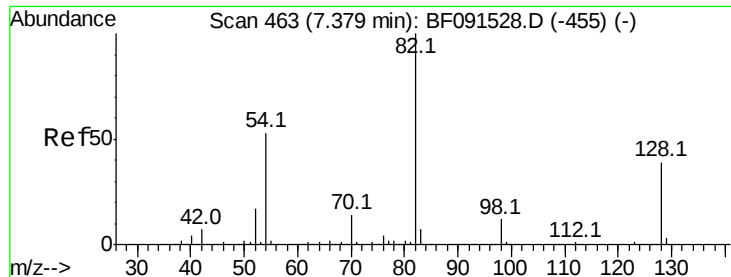
136 100

137 10.8 9.1 13.7

54 6.7 9.1 13.7#

68 5.5 5.9 8.9#

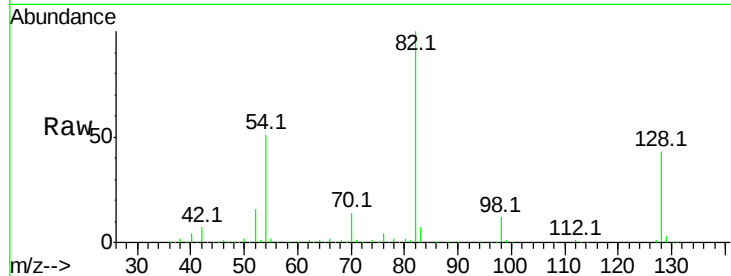




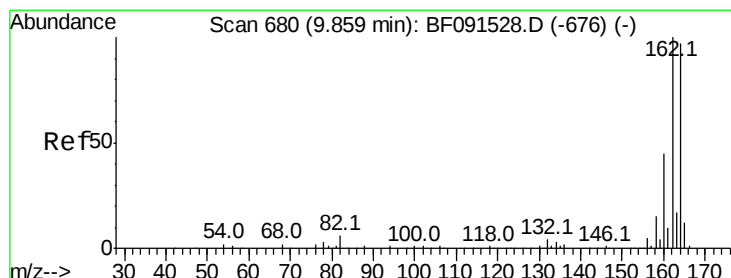
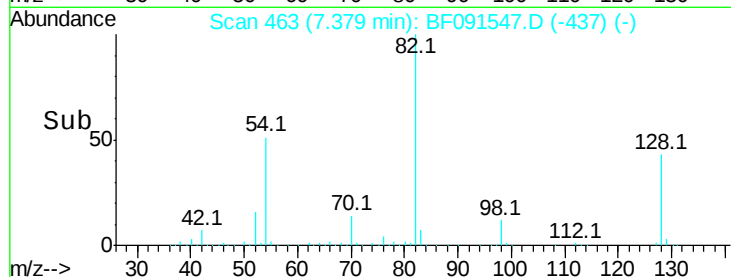
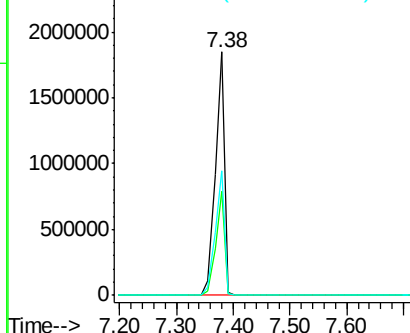
#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091547.D
 Acq: 13 Dec 2016 12:09

Instrument :
 BNA_F
 ClientSampleID :
 PB95236BL

Tot Ion: 82 Resp: 2002840
 Ion Ratio Lower Upper
 82 100
 128 43.0 31.8 47.6
 54 51.2 49.1 73.7

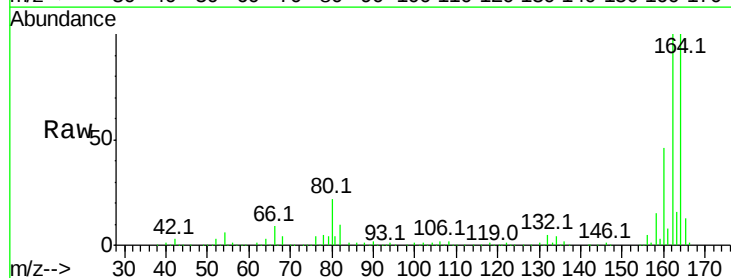


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

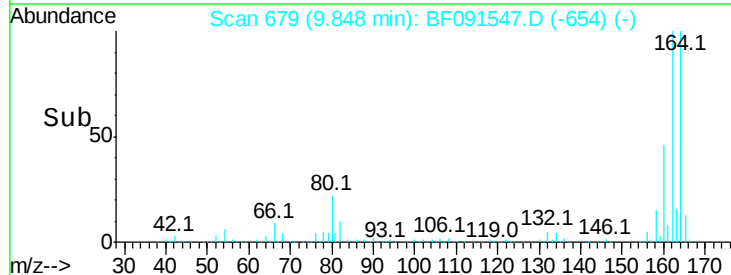
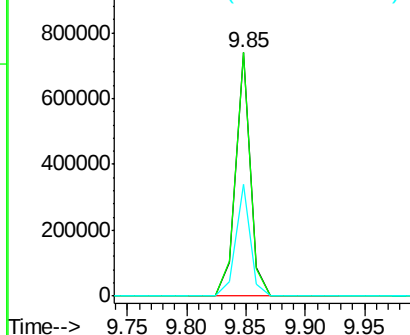


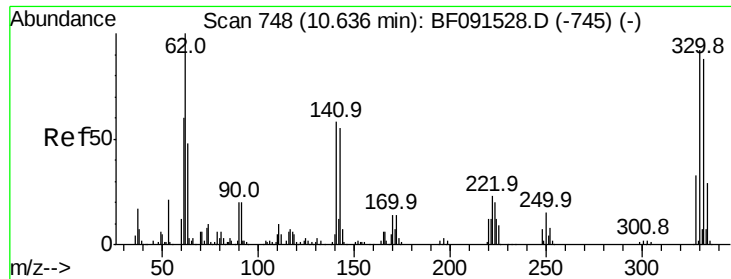
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091547.D
 Acq: 13 Dec 2016 12:09

Tgt Ion: 164 Resp: 638975
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 124.0
 160 46.2 36.7 55.1



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

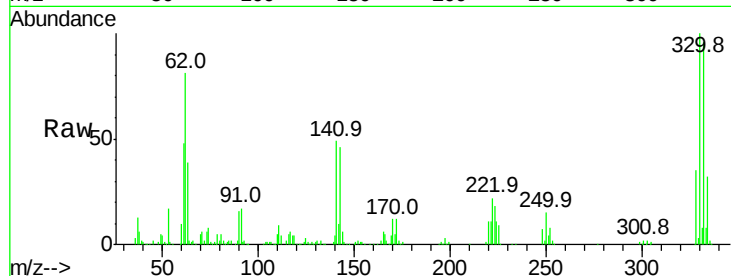




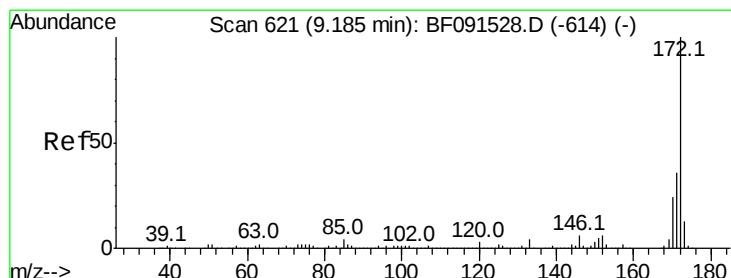
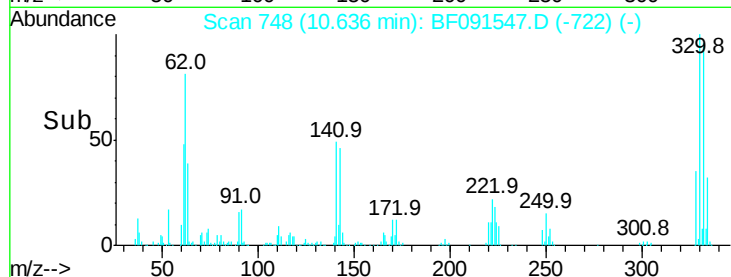
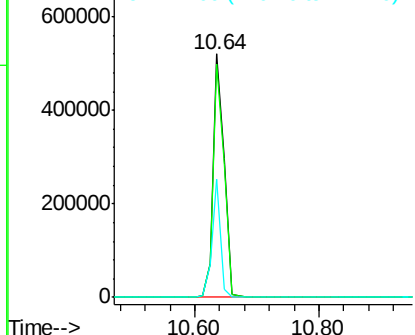
#41
 2,4,6-Tribromophenol
 Concen: 117.75 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091547.D
 Acq: 13 Dec 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BL

Tot Ion:330 Resp: 624924
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 38.1 33.6 50.4

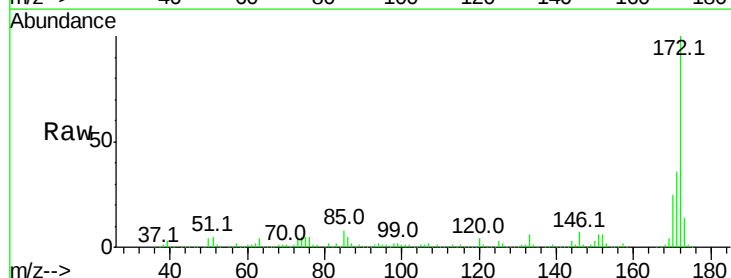


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

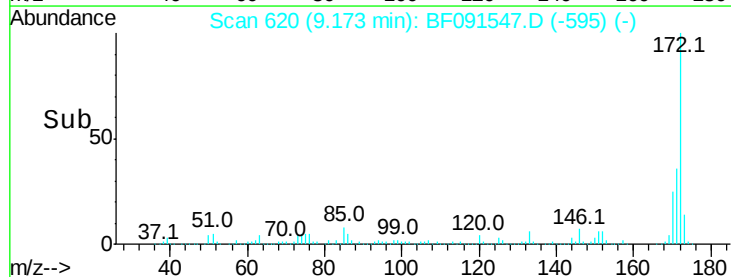
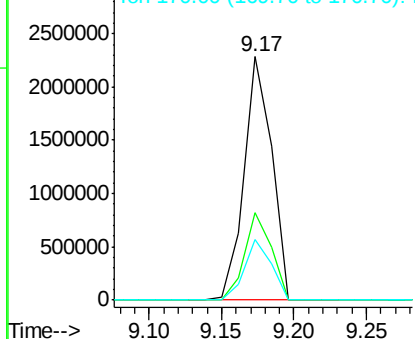


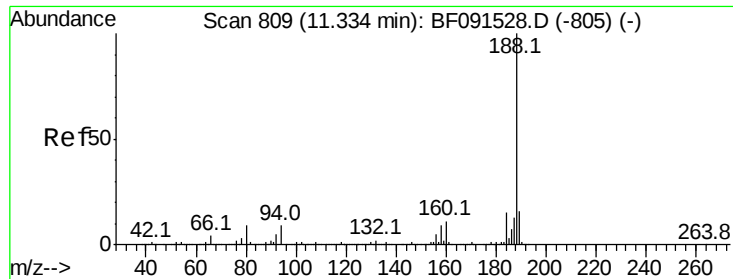
#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091547.D
 Acq: 13 Dec 2016 12:09

Tgt Ion:172 Resp: 3012319
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.9 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

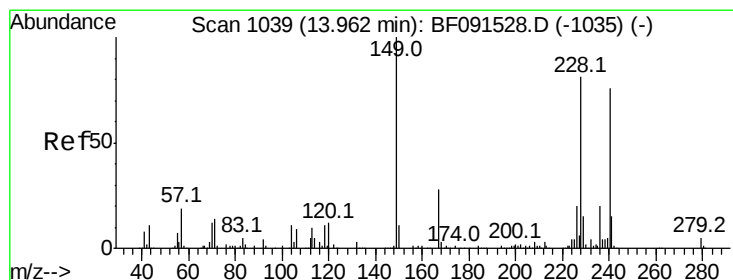
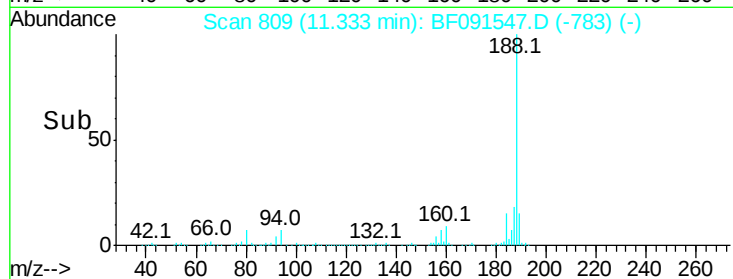
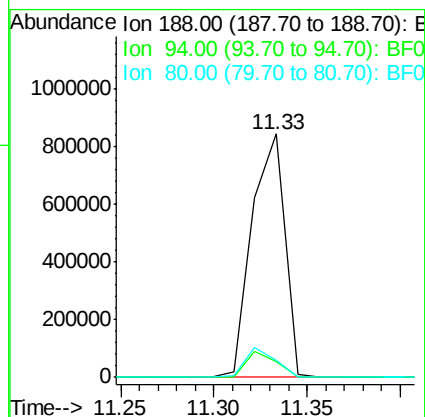
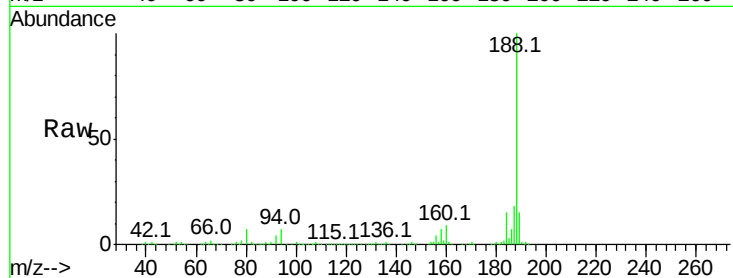




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091547.D
Acq: 13 Dec 2016 12:09

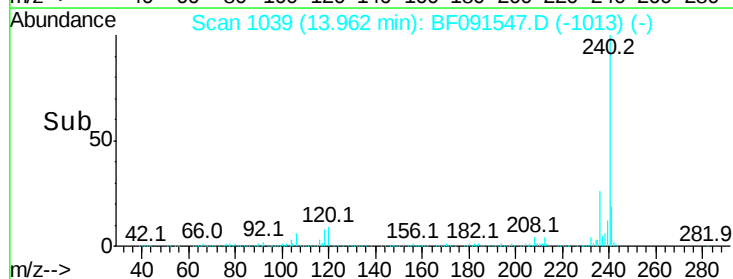
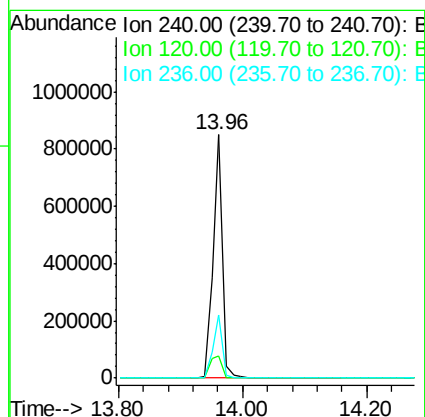
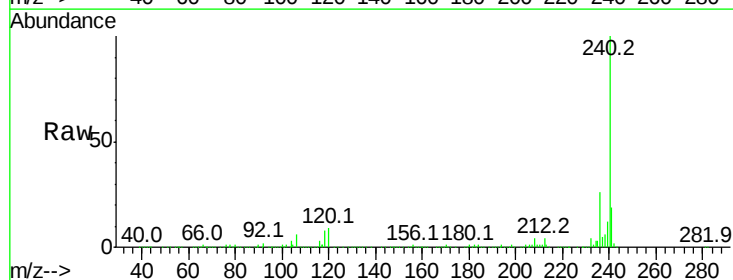
Instrument :
BNA_F
ClientSampleId :
PB95236BL

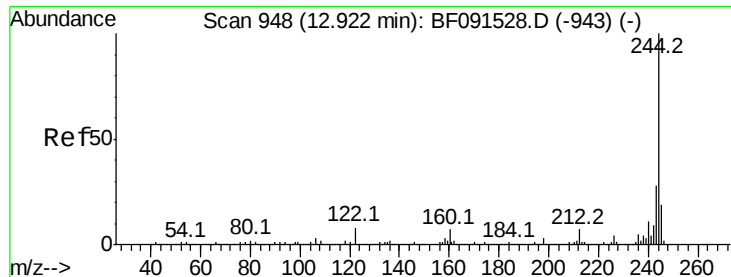
Tot Ion:188 Resp: 1027221
Ion Ratio Lower Upper
188 100
94 6.7 9.2 13.8#
80 6.8 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091547.D
Acq: 13 Dec 2016 12:09

Tgt Ion:240 Resp: 875761
Ion Ratio Lower Upper
240 100
120 9.1 12.1 18.1#
236 25.7 21.0 31.6





#78

Terphenyl-d14

Concen: 75.61 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091547.D

Acq: 13 Dec 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB95236BL

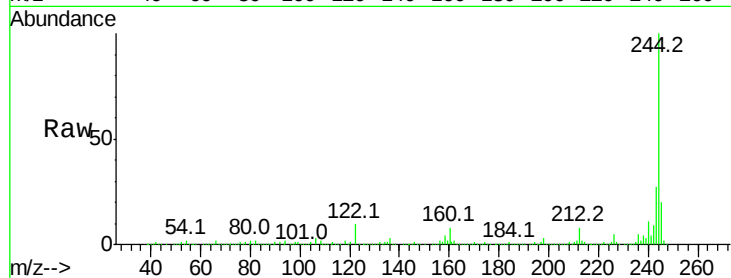
Tot Ion:244 Resp: 2918249

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

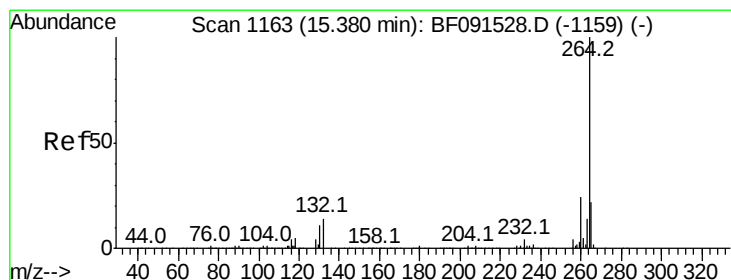
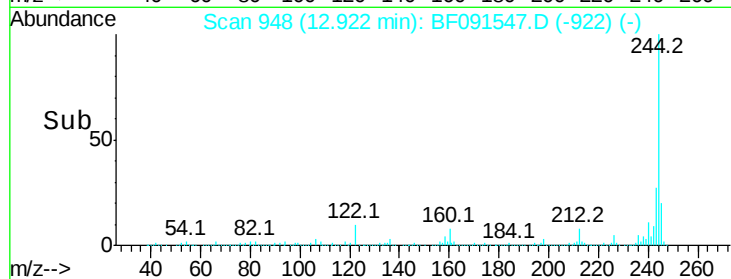
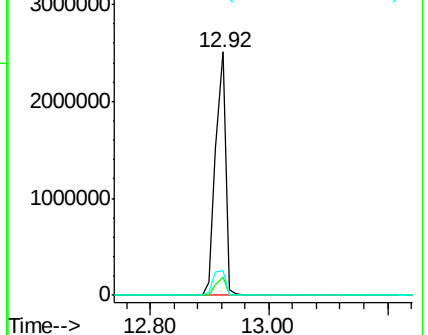
122 10.2 9.5 14.3



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091547.D

Acq: 13 Dec 2016 12:09

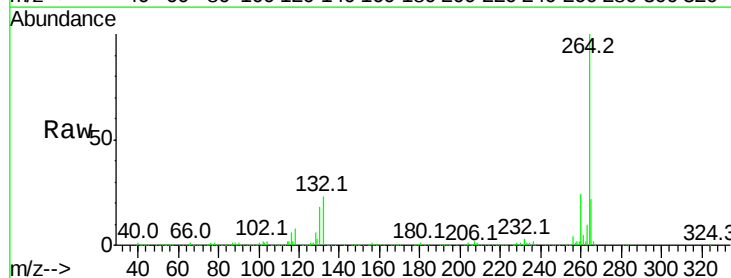
Tgt Ion:264 Resp: 711546

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.8 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

