

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093289.D
 Acq On : 1 Mar 2017 15:03
 Operator : SJ/MA
 Sample : PB97251BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Quant Time: Mar 02 00:11:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138272	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	531309	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	239986	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	469246	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	419253	20.00	ng	-0.05
86) Perylene-d12	15.39	264	317299	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1167795	144.90	ng	-0.03
7) Phenol-d6	6.46	99	1566432	151.05	ng	-0.02
23) Nitrobenzene-d5	7.37	82	843962	88.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	247960	142.86	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1353782	102.20	ng	-0.06
78) Terphenyl-d14	12.92	244	1373906	77.00	ng	-0.05

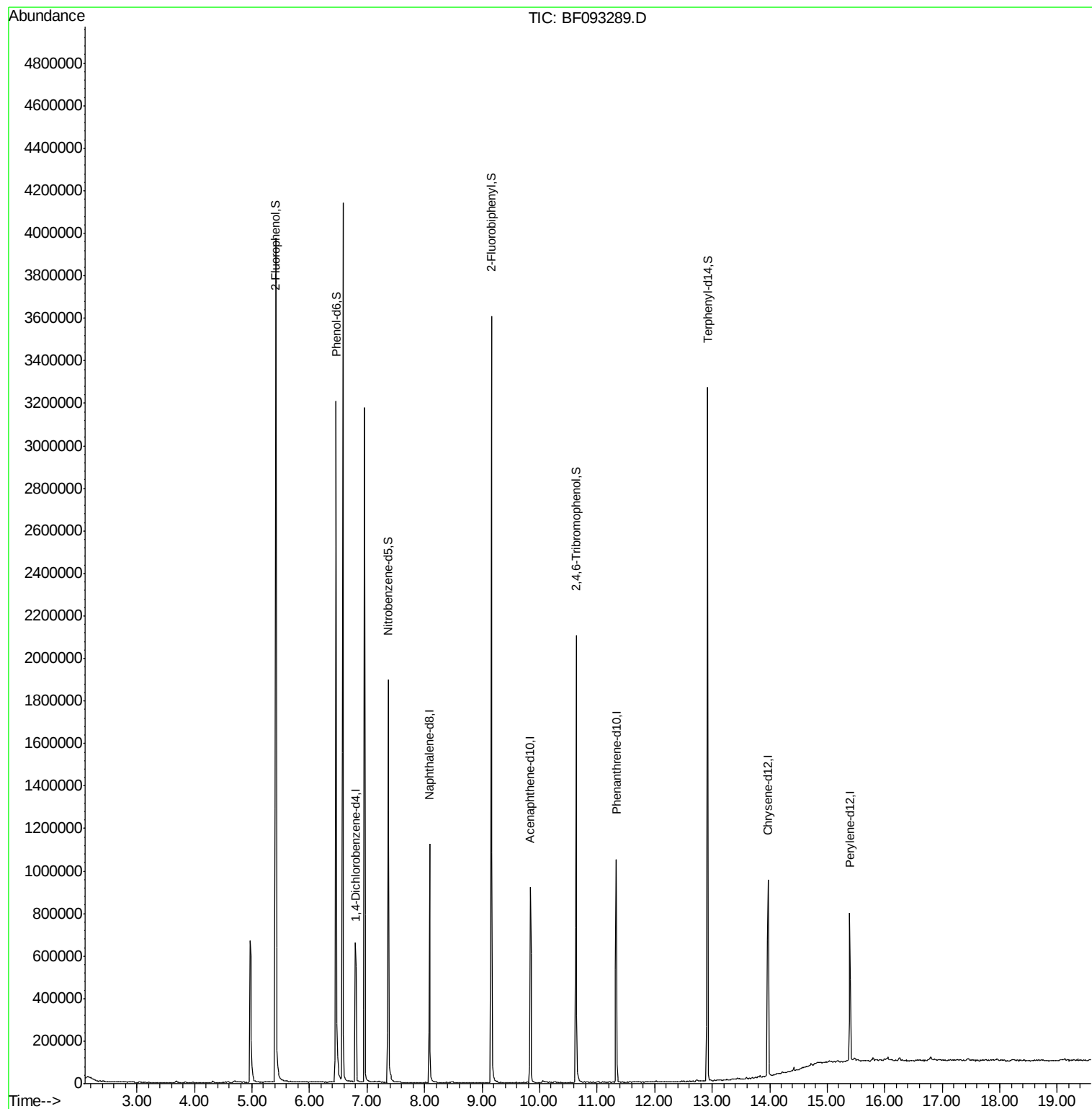
Target Compounds Qvalue

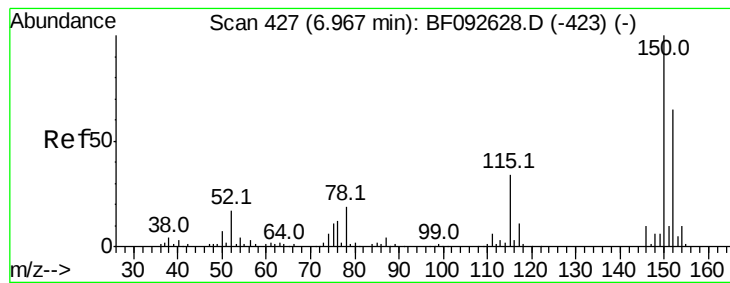
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

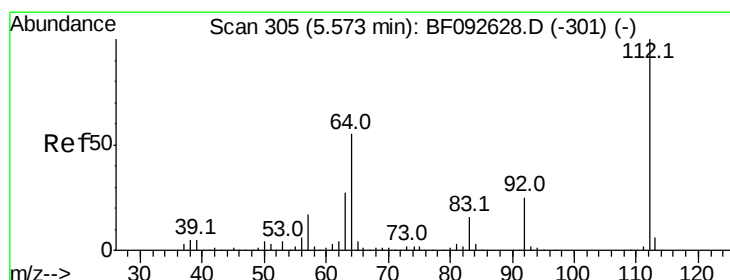
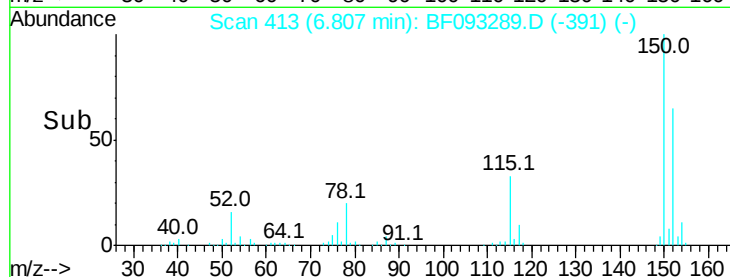
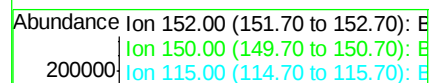
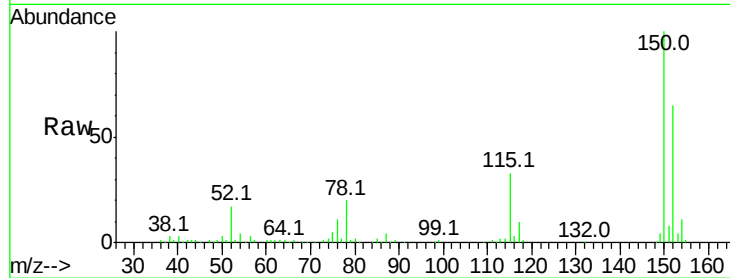
Tot Ion:152 Resp: 138272

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

115 50.8 46.0 69.0



#5

2-Fluorophenol

Concen: 144.90 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

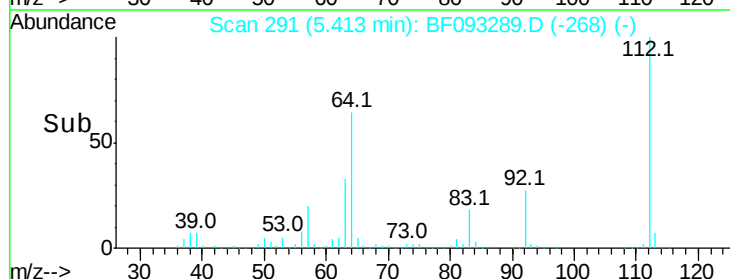
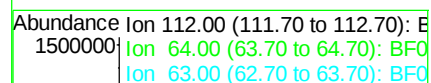
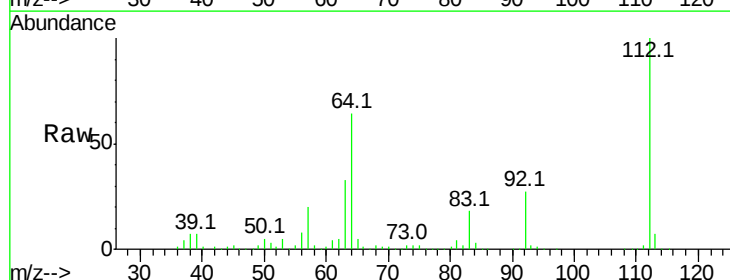
Tgt Ion:112 Resp: 1167795

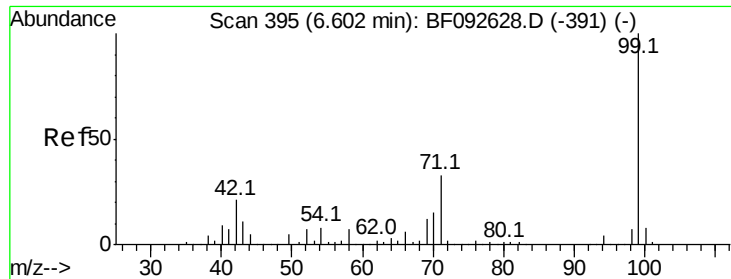
Ion Ratio Lower Upper

112 100

64 64.1 46.1 69.1

63 32.6 23.8 35.6





#7

Phenol-d6

Concen: 151.05 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

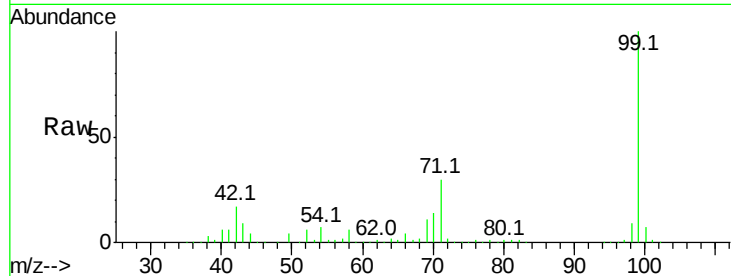
Tot Ion: 99 Resp: 1566432

Ion Ratio Lower Upper

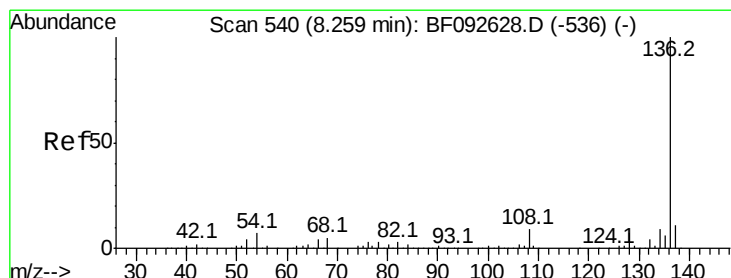
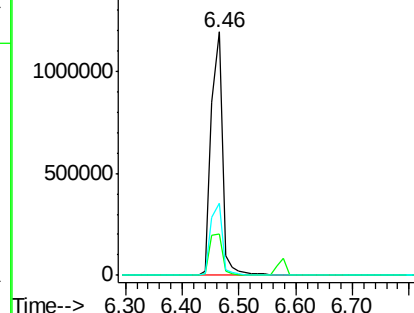
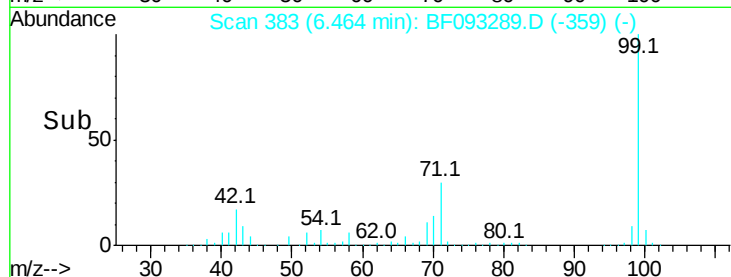
99 100

42 16.8 15.6 23.4

71 29.5 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Tgt Ion:136 Resp: 531309

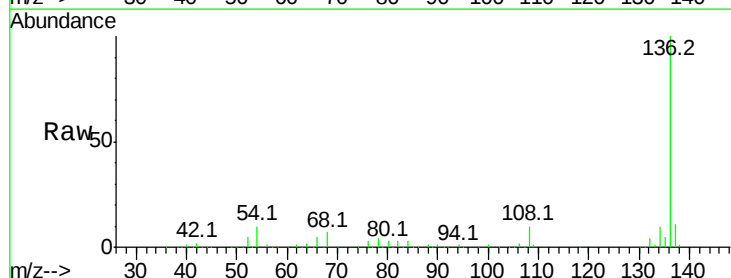
Ion Ratio Lower Upper

136 100

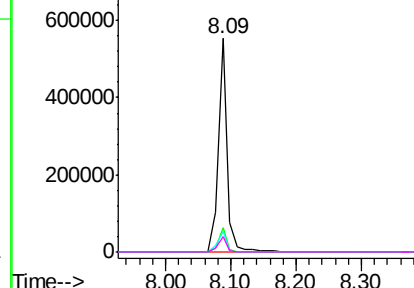
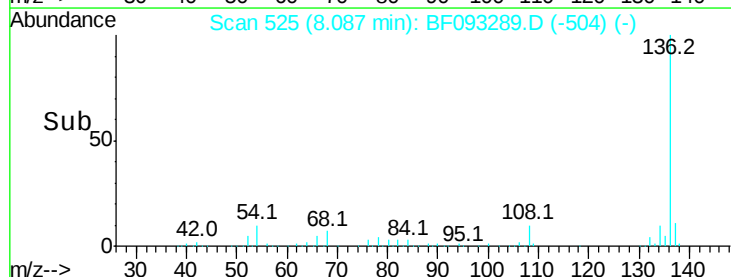
137 11.1 8.4 12.6

54 9.7 4.5 6.7#

68 6.9 3.6 5.4#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

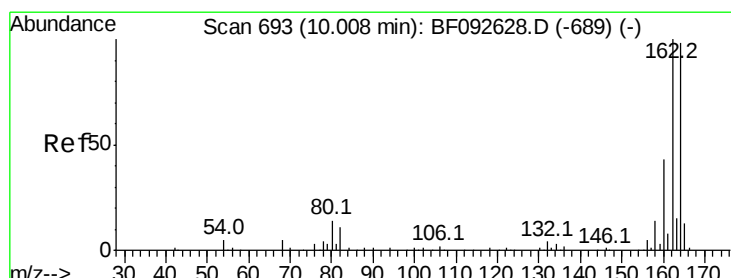
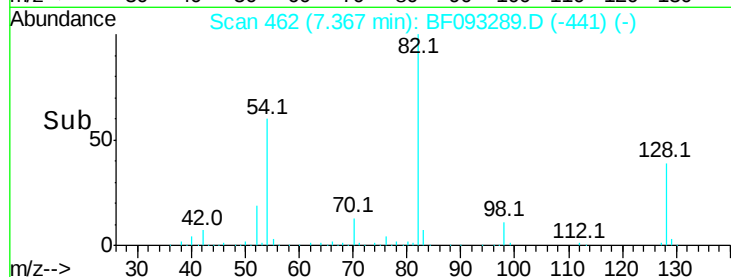
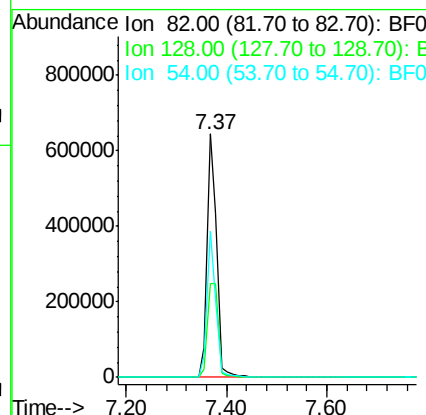
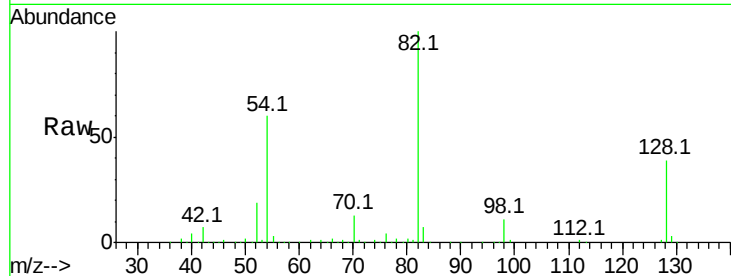




#23
 Nitrobenzene-d5
 Concen: 88.46 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

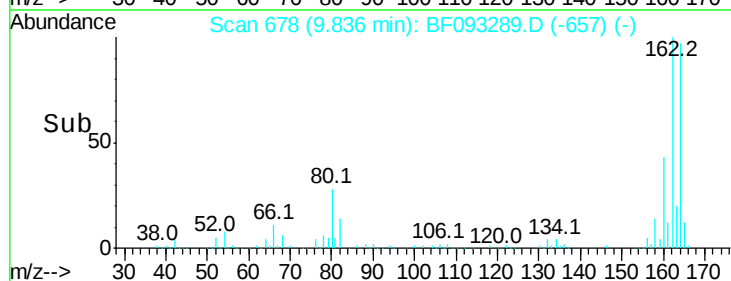
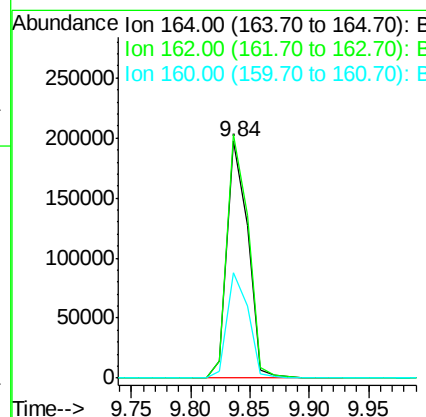
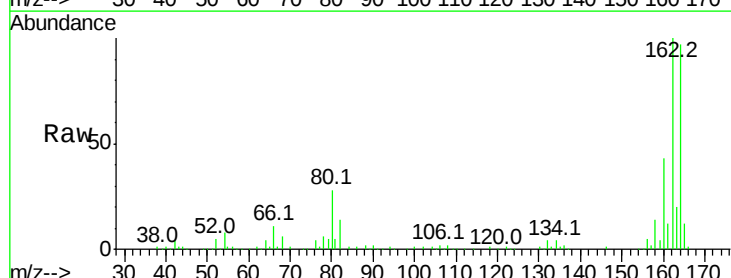
Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Tot Ion: 82 Resp: 843962
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 60.0 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.06 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Tgt Ion:164 Resp: 239986
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 44.3 36.9 55.3

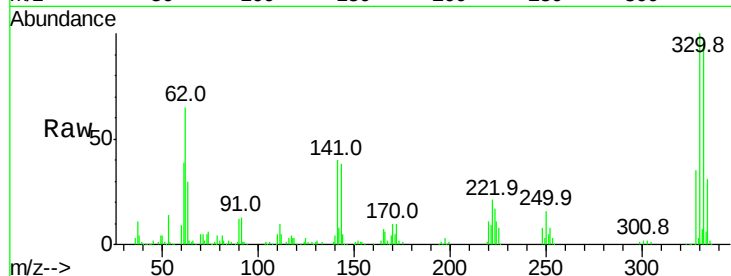




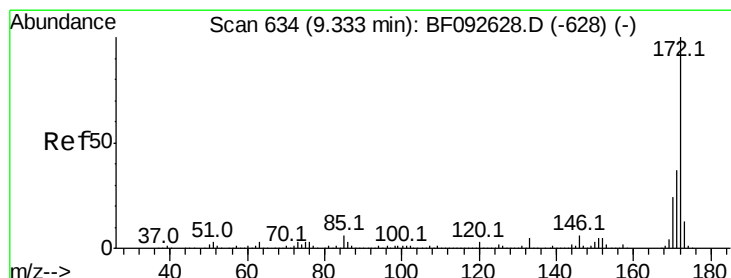
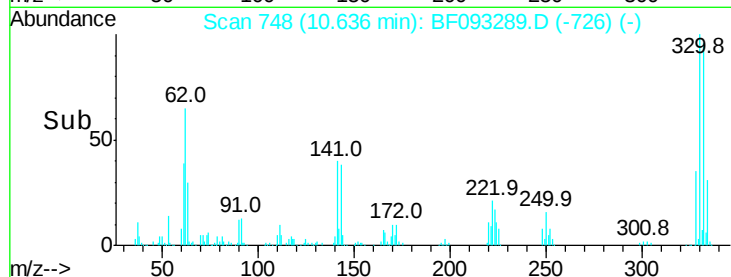
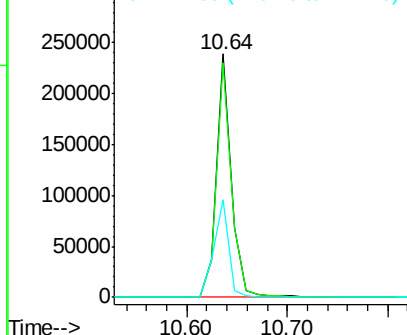
#41
 2,4,6-Tribromophenol
 Concen: 142.86 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Tot Ion:330 Resp: 247960
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.5 34.1 51.1

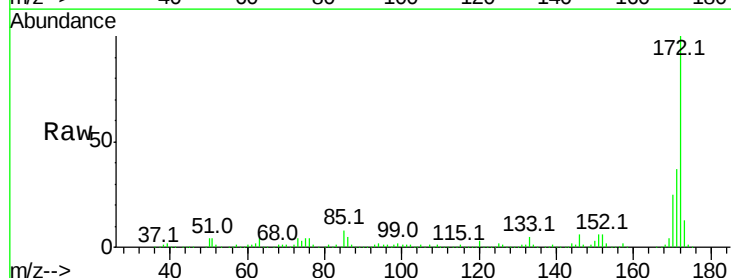


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

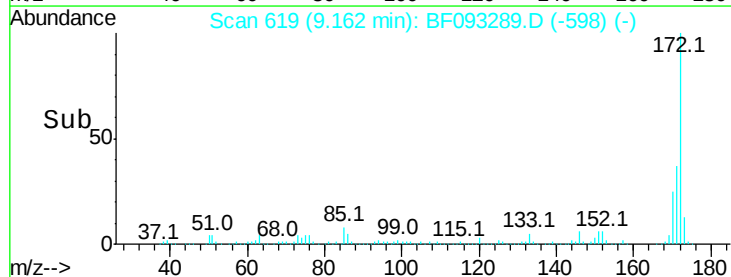
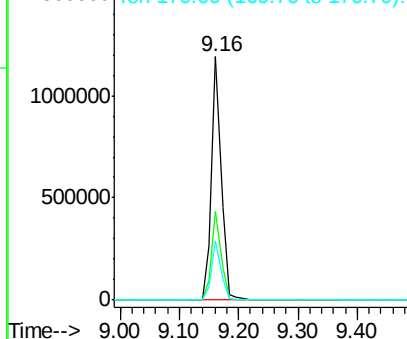


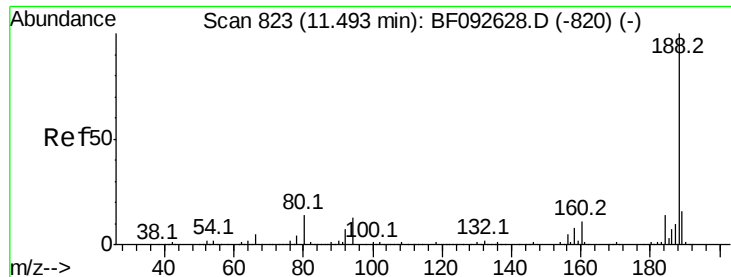
#44
 2-Fluorobiphenyl
 Concen: 102.20 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Tgt Ion:172 Resp: 1353782
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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

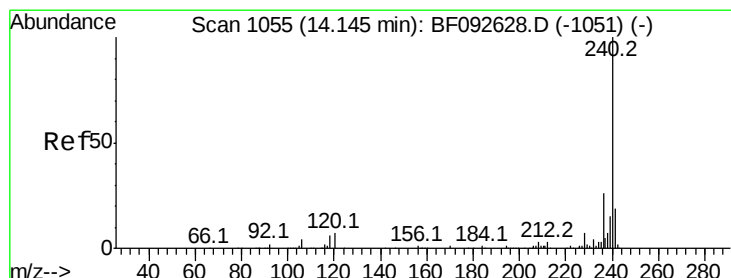
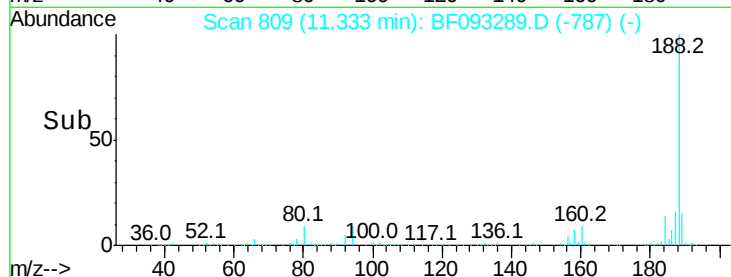
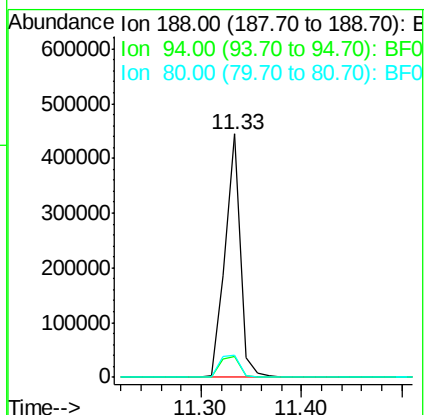
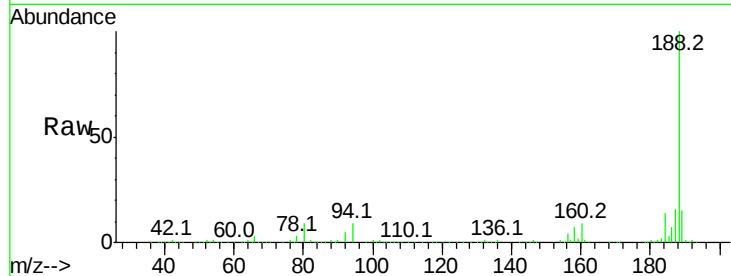




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

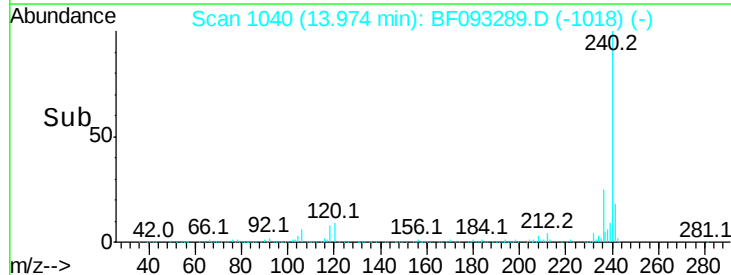
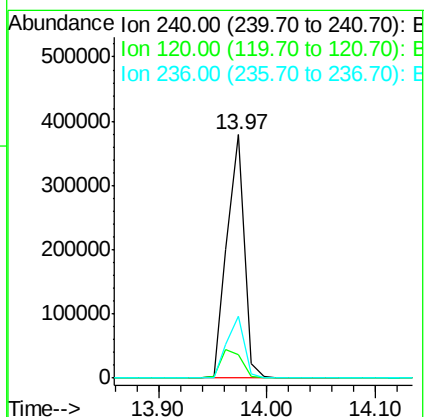
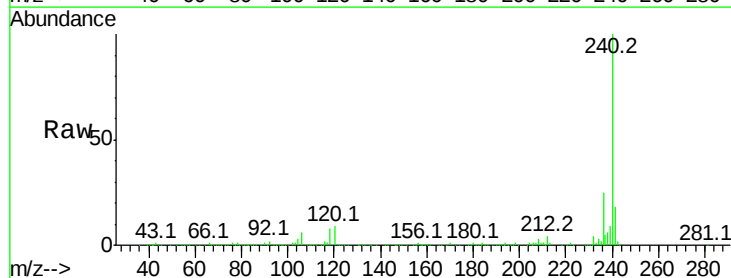
Instrument :
BNA_F
ClientSampleId :
PB97251BL

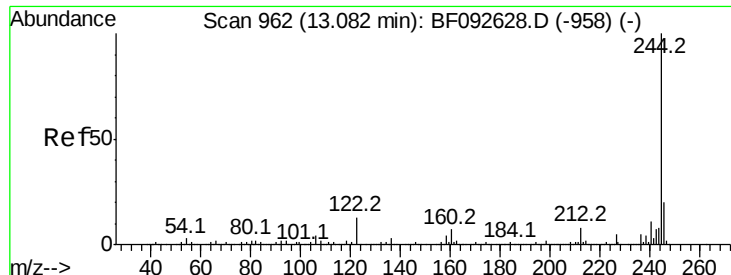
Tot Ion:188 Resp: 469246
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 8.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:240 Resp: 419253
Ion Ratio Lower Upper
240 100
120 9.4 12.9 19.3#
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 77.00 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

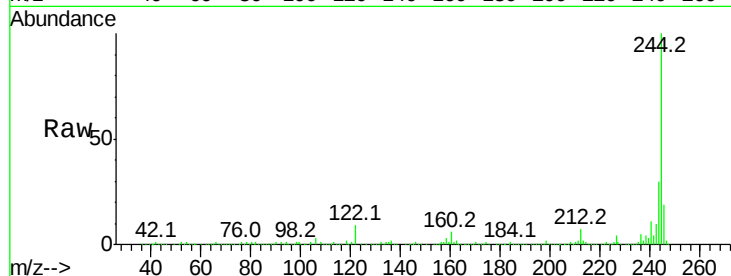
Tot Ion:244 Resp: 1373906

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

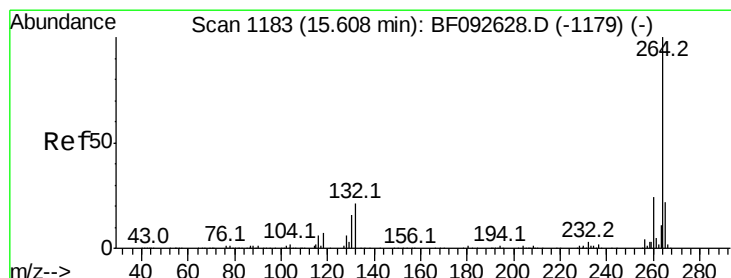
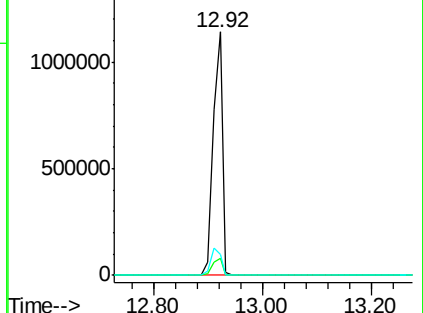
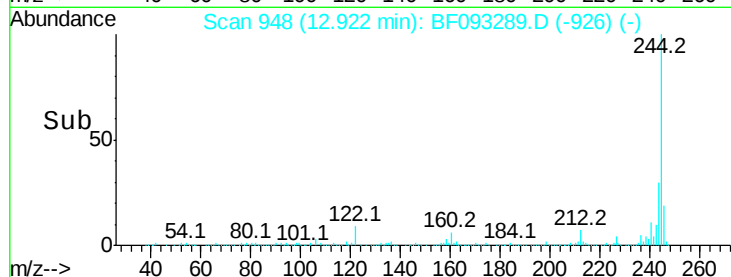
122 8.8 11.4 17.2#



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: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

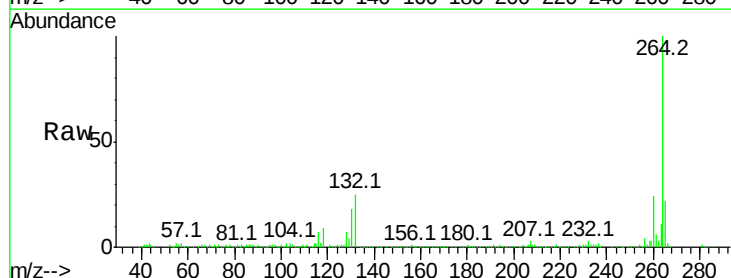
Tgt Ion:264 Resp: 317299

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 17.4 26.0



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

