

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093642.D
 Acq On : 14 Mar 2017 7:34
 Operator : SJ/MA
 Sample : I2201-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-117

Quant Time: Mar 14 08:25:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	197202	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	805678	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	387702	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	758201	20.00	ng	0.00
75) Chrysene-d12	13.89	240	604318	20.00	ng	0.00
86) Perylene-d12	15.31	264	409401	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1751472	147.82	ng	0.00
7) Phenol-d6	6.37	99	2127881	142.41	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1494671	102.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	449481	177.95	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2292154	109.97	ng	0.00
78) Terphenyl-d14	12.84	244	1892682	81.43	ng	0.01

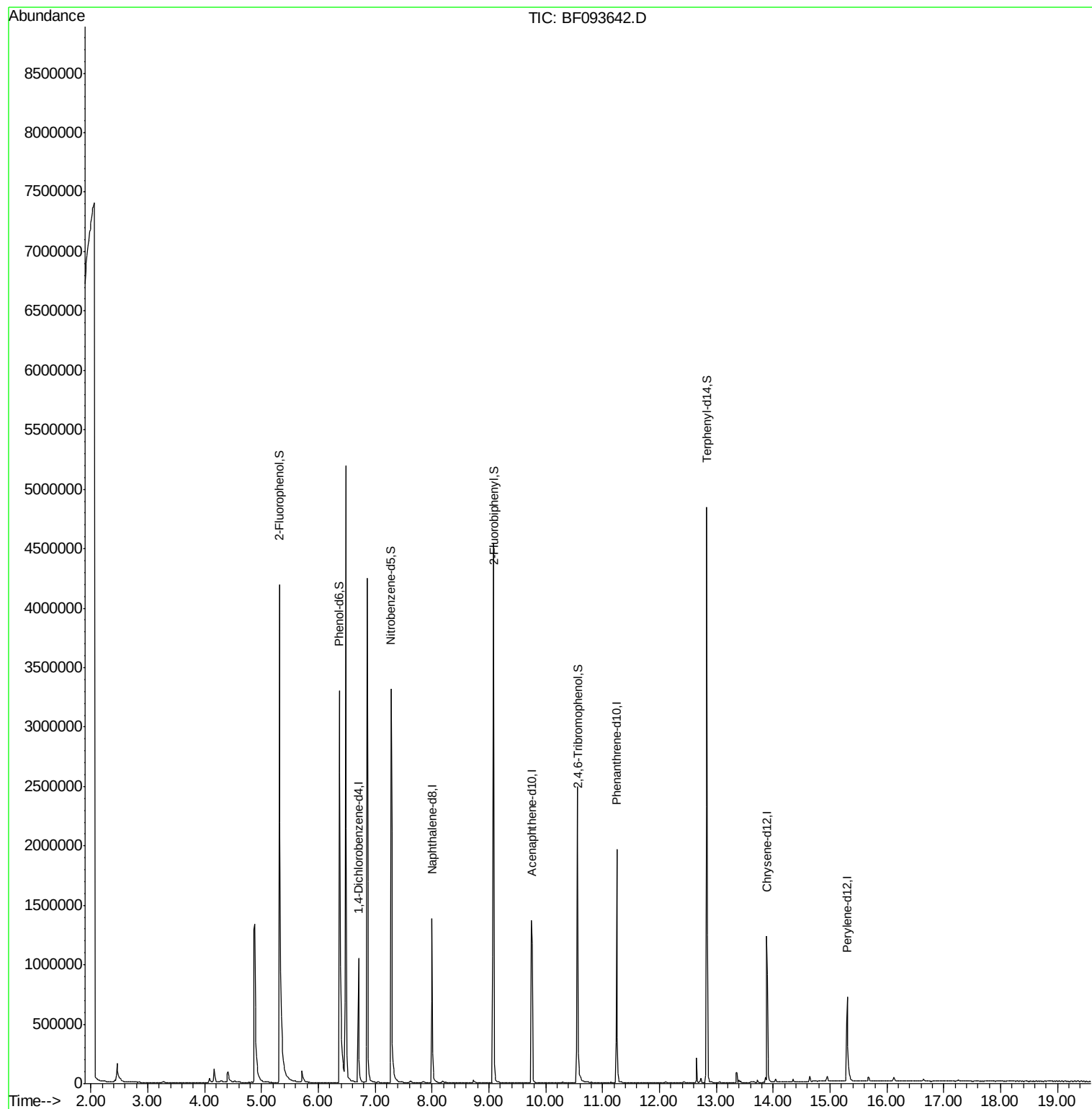
Target Compounds Qvalue

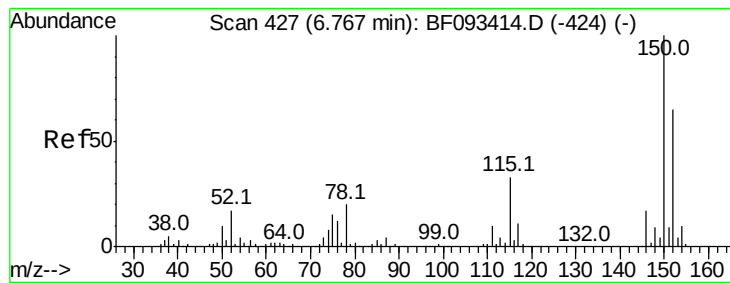
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

Instrument :

BNA_F

ClientSampleId :

D-117

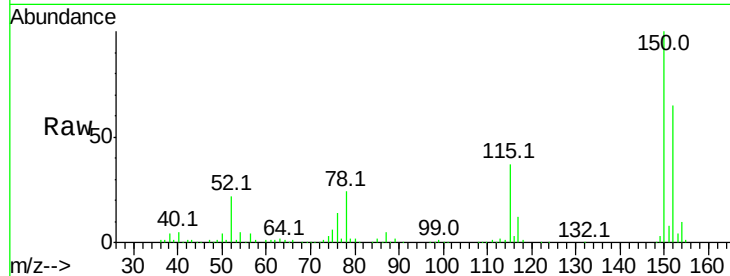
Tot Ion:152 Resp: 197202

Ion Ratio Lower Upper

152 100

150 154.0 124.9 187.3

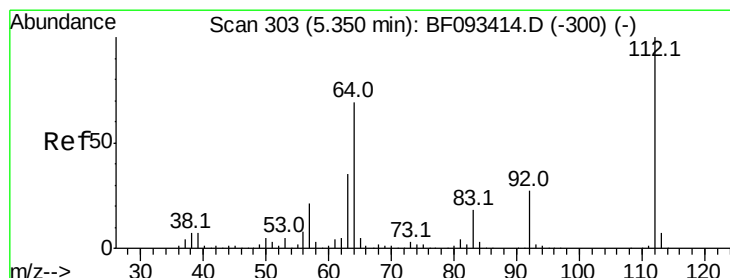
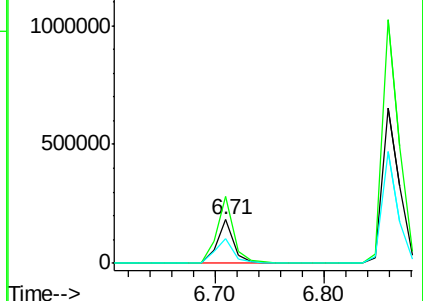
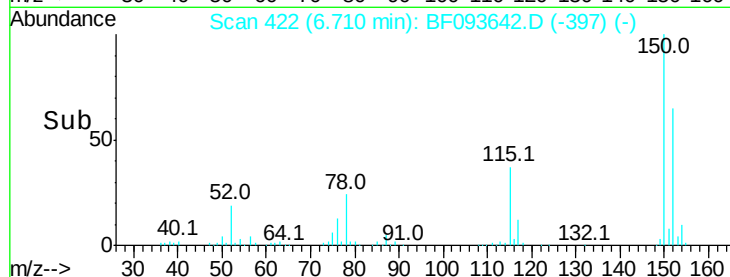
115 56.3 46.0 69.0



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: 147.82 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

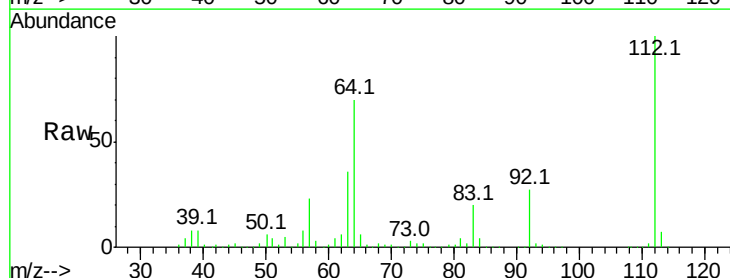
Tgt Ion:112 Resp: 1751472

Ion Ratio Lower Upper

112 100

64 70.0 46.1 69.1#

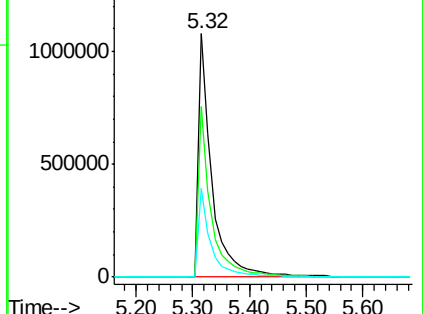
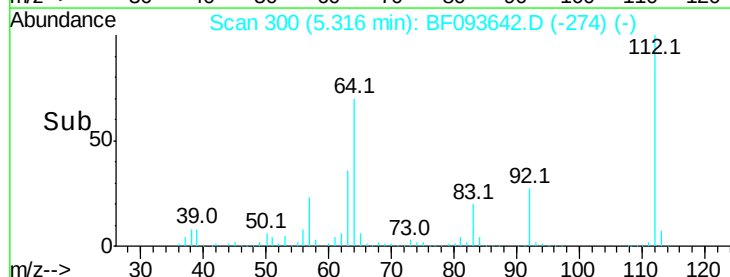
63 36.4 23.8 35.6#

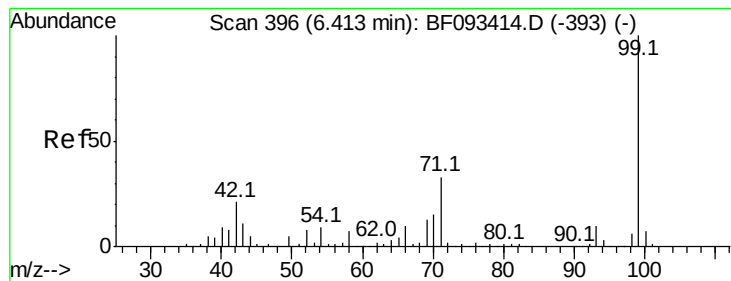


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.41 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

Instrument :

BNA_F

ClientSampleId :

D-117

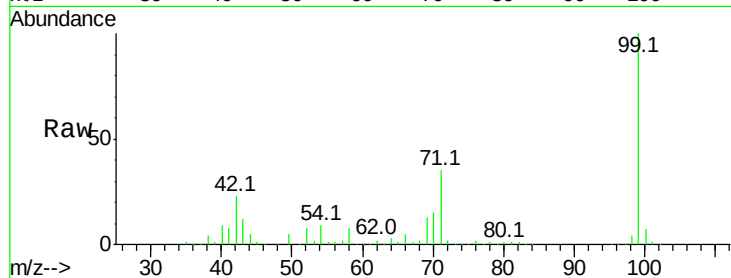
Tot Ion: 99 Resp: 2127881

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

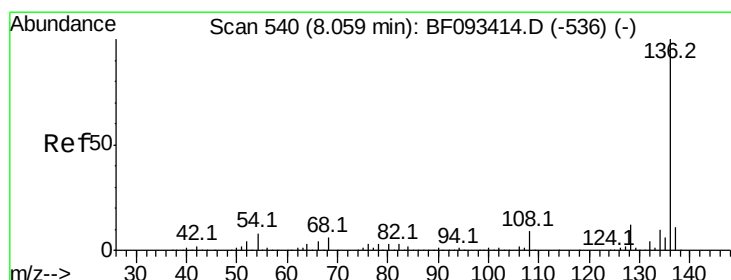
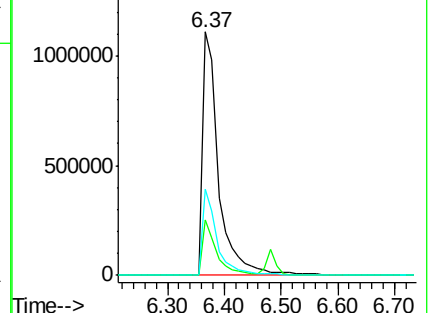
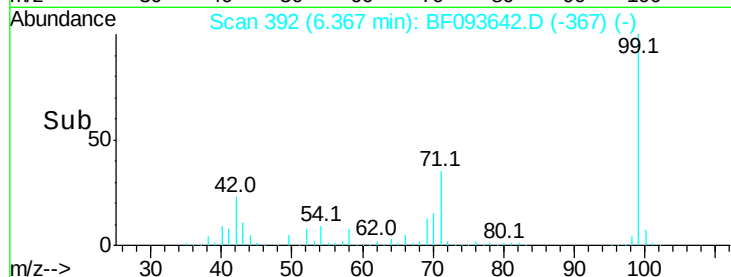
71 35.3 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

Tgt Ion: 136 Resp: 805678

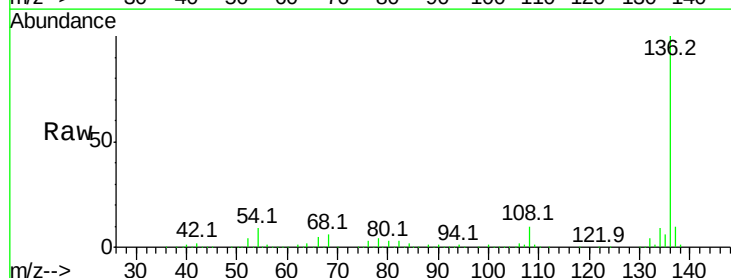
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 8.7 4.5 6.7#

68 6.4 3.6 5.4#

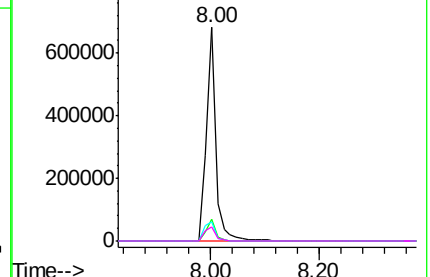
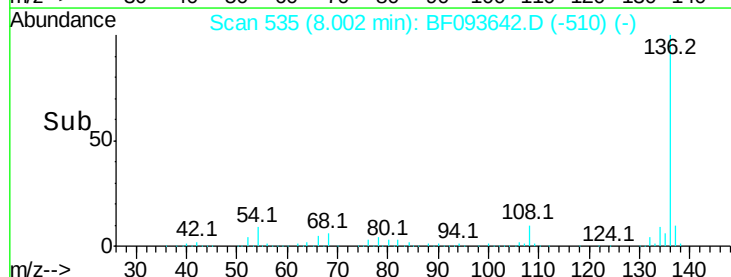


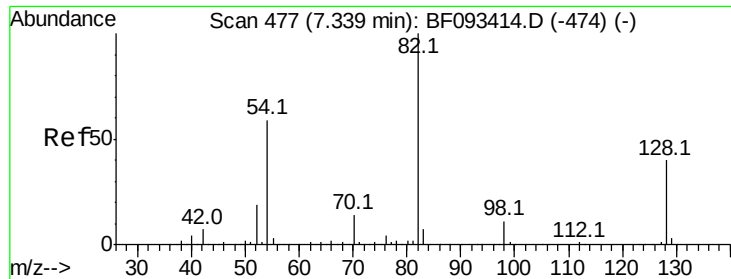
Abundance Ion 136.00 (135.70 to 136.70): E

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

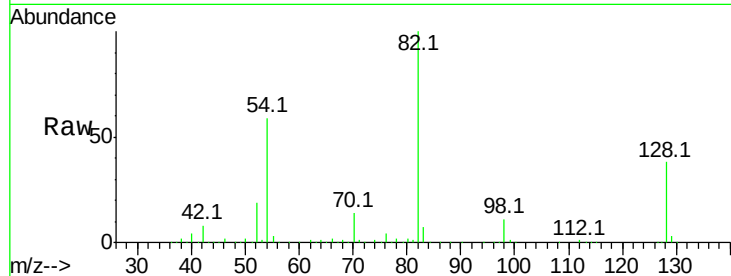




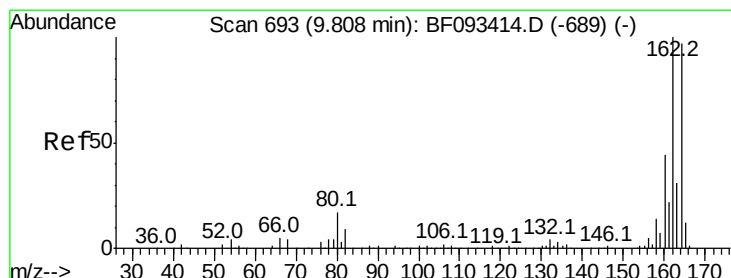
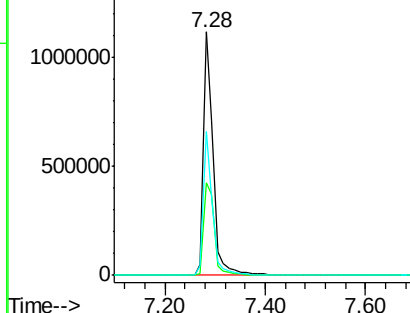
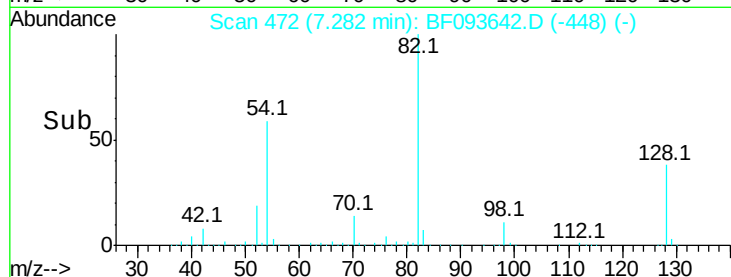
#23
Nitrobenzene-d5
Concen: 102.93 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093642.D
Acq: 14 Mar 2017 7:34

Instrument :
BNA_F
ClientSampleID :
D-117

Tot Ion: 82 Resp: 1494671
Ion Ratio Lower Upper
82 100
128 37.9 34.6 52.0
54 59.2 39.5 59.3

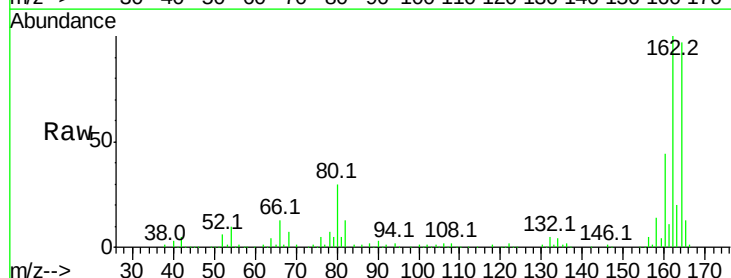


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

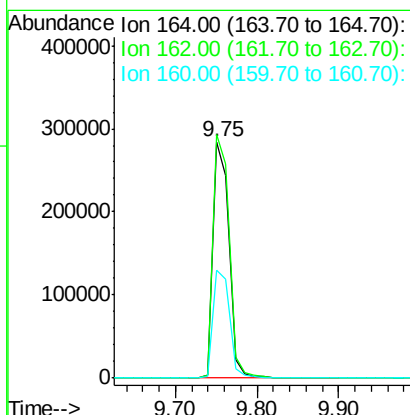
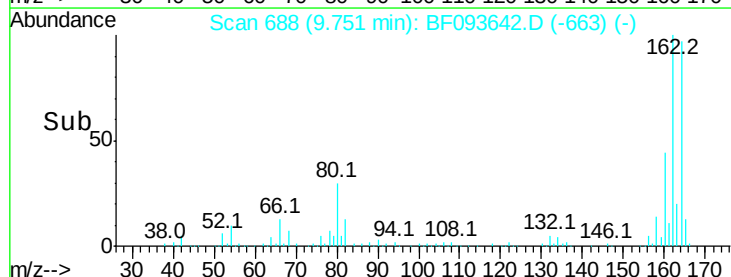


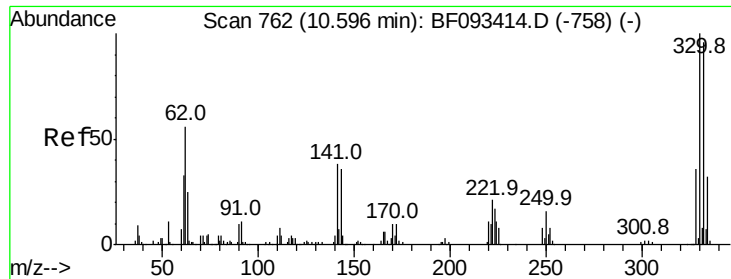
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093642.D
Acq: 14 Mar 2017 7:34

Tgt Ion:164 Resp: 387702
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.5 36.9 55.3



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

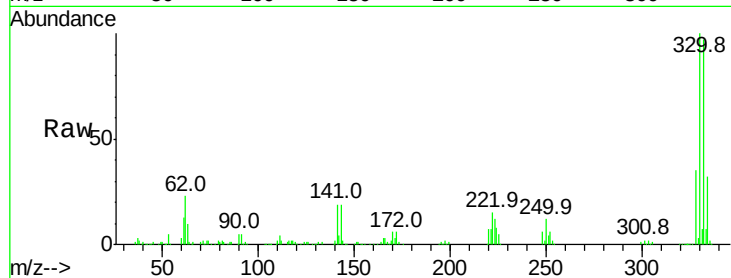




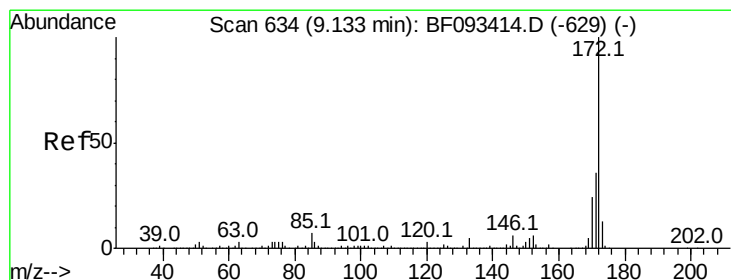
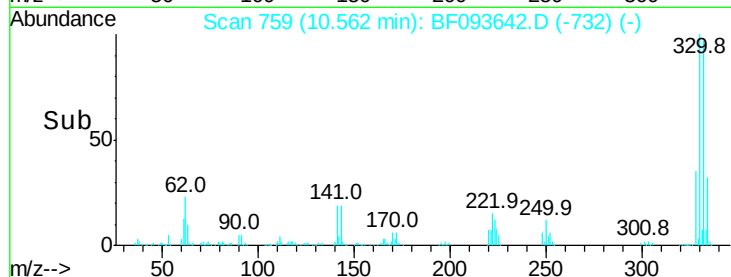
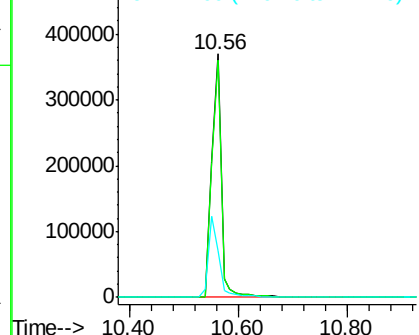
#41
 2,4,6-Tribromophenol
 Concen: 177.95 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093642.D
 Acq: 14 Mar 2017 7:34

Instrument :
 BNA_F
 ClientSampleId :
 D-117

Tot Ion:330 Resp: 449481
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 36.7 34.1 51.1

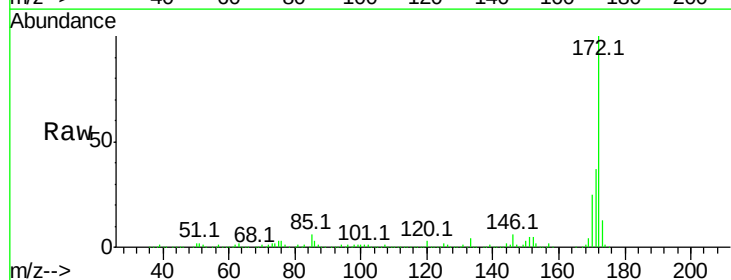


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

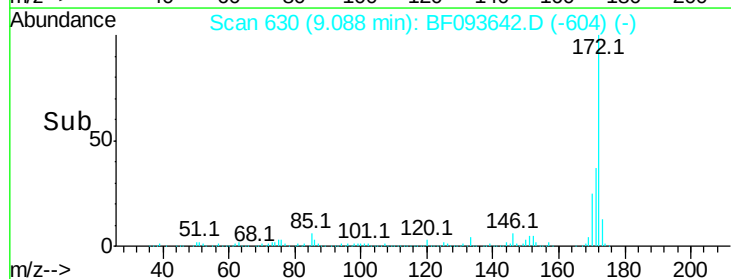
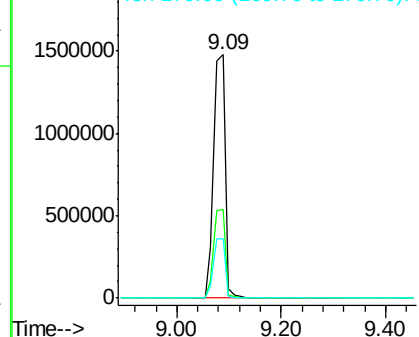


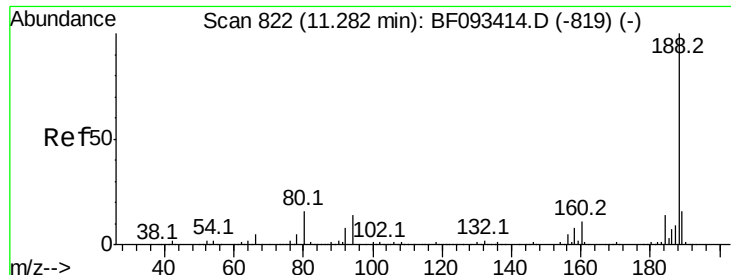
#44
 2-Fluorobiphenyl
 Concen: 109.97 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093642.D
 Acq: 14 Mar 2017 7:34

Tgt Ion:172 Resp: 2292154
 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

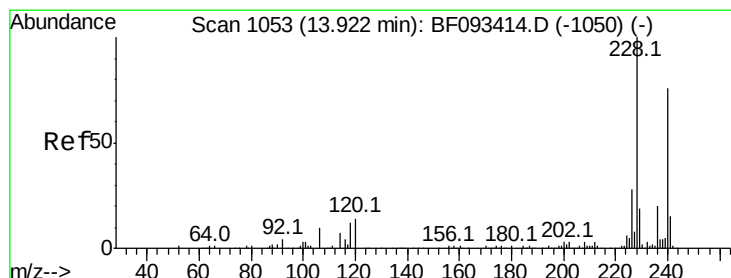
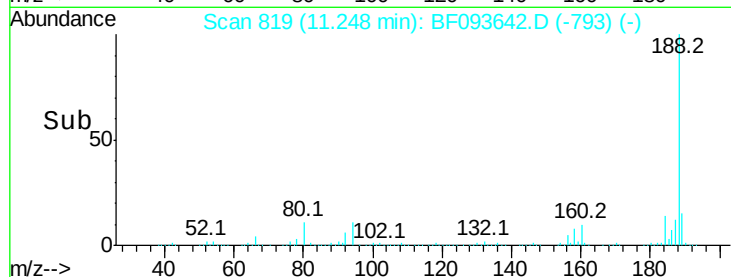
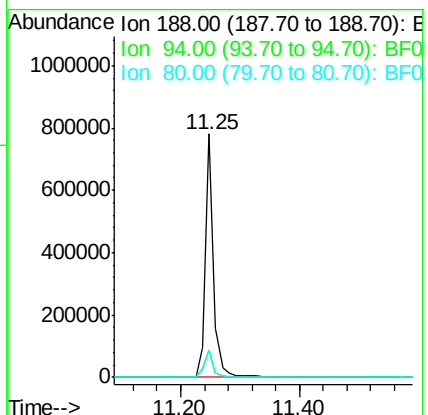
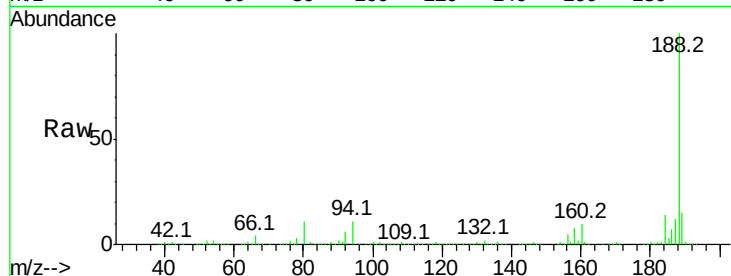




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093642.D
Acq: 14 Mar 2017 7:34

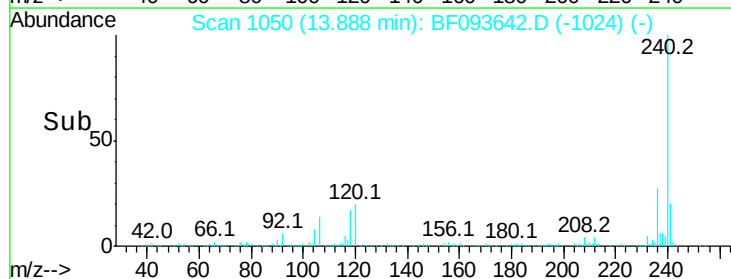
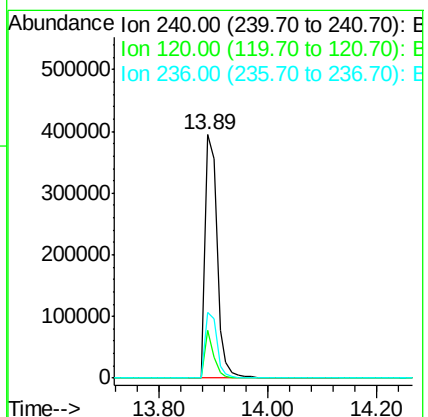
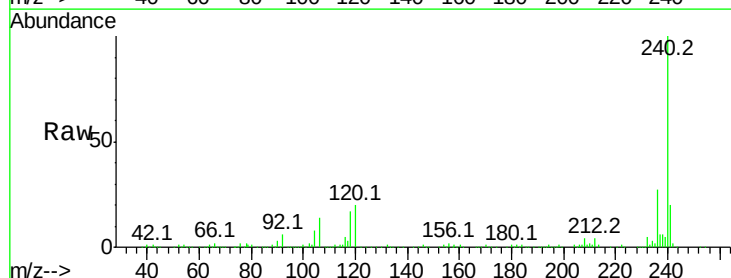
Instrument :
BNA_F
ClientSampled :
D-117

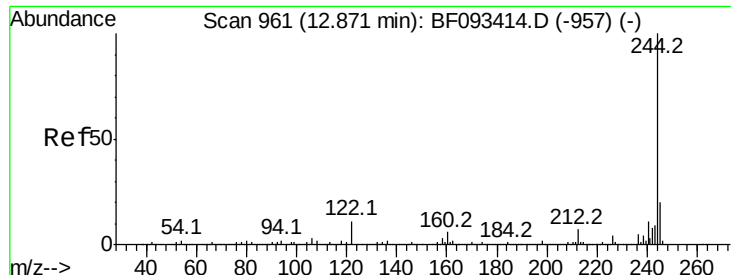
Tot Ion:188 Resp: 758201
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093642.D
Acq: 14 Mar 2017 7:34

Tgt Ion:240 Resp: 604318
Ion Ratio Lower Upper
240 100
120 19.8 12.9 19.3#
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 81.43 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

Instrument :

BNA_F

ClientSampleId :

D-117

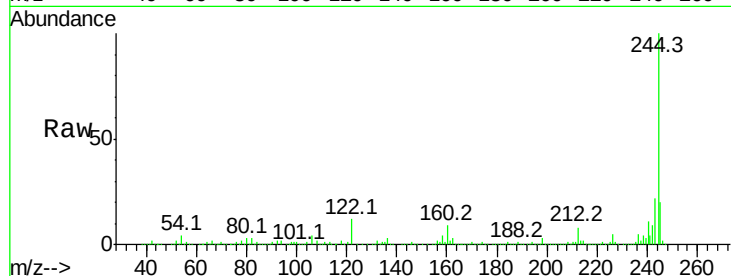
Tot Ion:244 Resp: 1892682

Ion Ratio Lower Upper

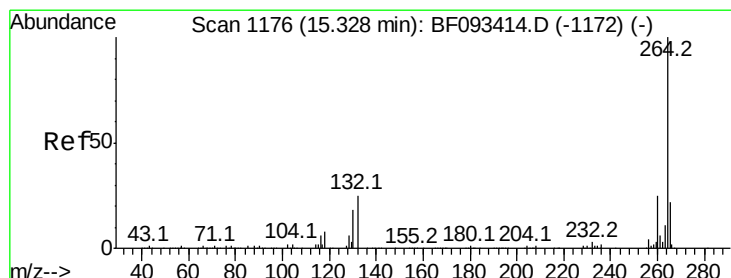
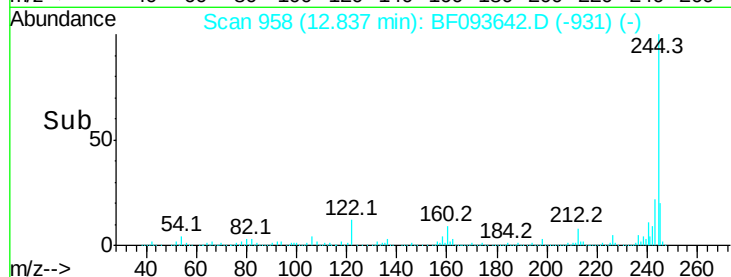
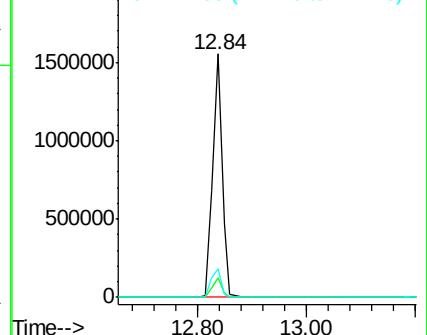
244 100

212 7.9 6.2 9.2

122 11.8 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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093642.D

Acq: 14 Mar 2017 7:34

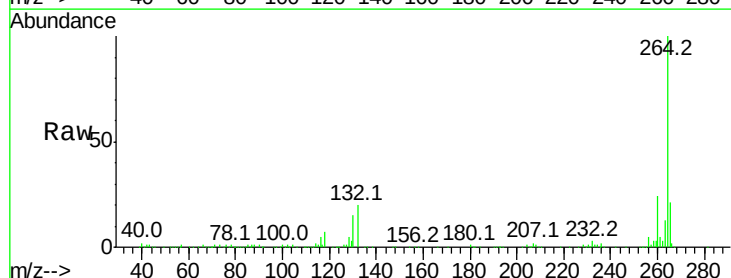
Tgt Ion:264 Resp: 409401

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

