

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093663.D
 Acq On : 14 Mar 2017 17:16
 Operator : SJ/MA
 Sample : I2199-24RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-97RE

Quant Time: Mar 15 05:26:37 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	162953	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	672469	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	197621	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	536515	20.00	ng	0.00
75) Chrysene-d12	13.90	240	197646	20.00	ng	0.01
86) Perylene-d12	15.33	264	6043	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1378146	140.76	ng	0.00
7) Phenol-d6	6.37	99	1468474	118.94	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1218915	100.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	353967	274.92	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1859312	175.00	ng	0.00
78) Terphenyl-d14	12.84	244	1476070	194.17	ng	0.01

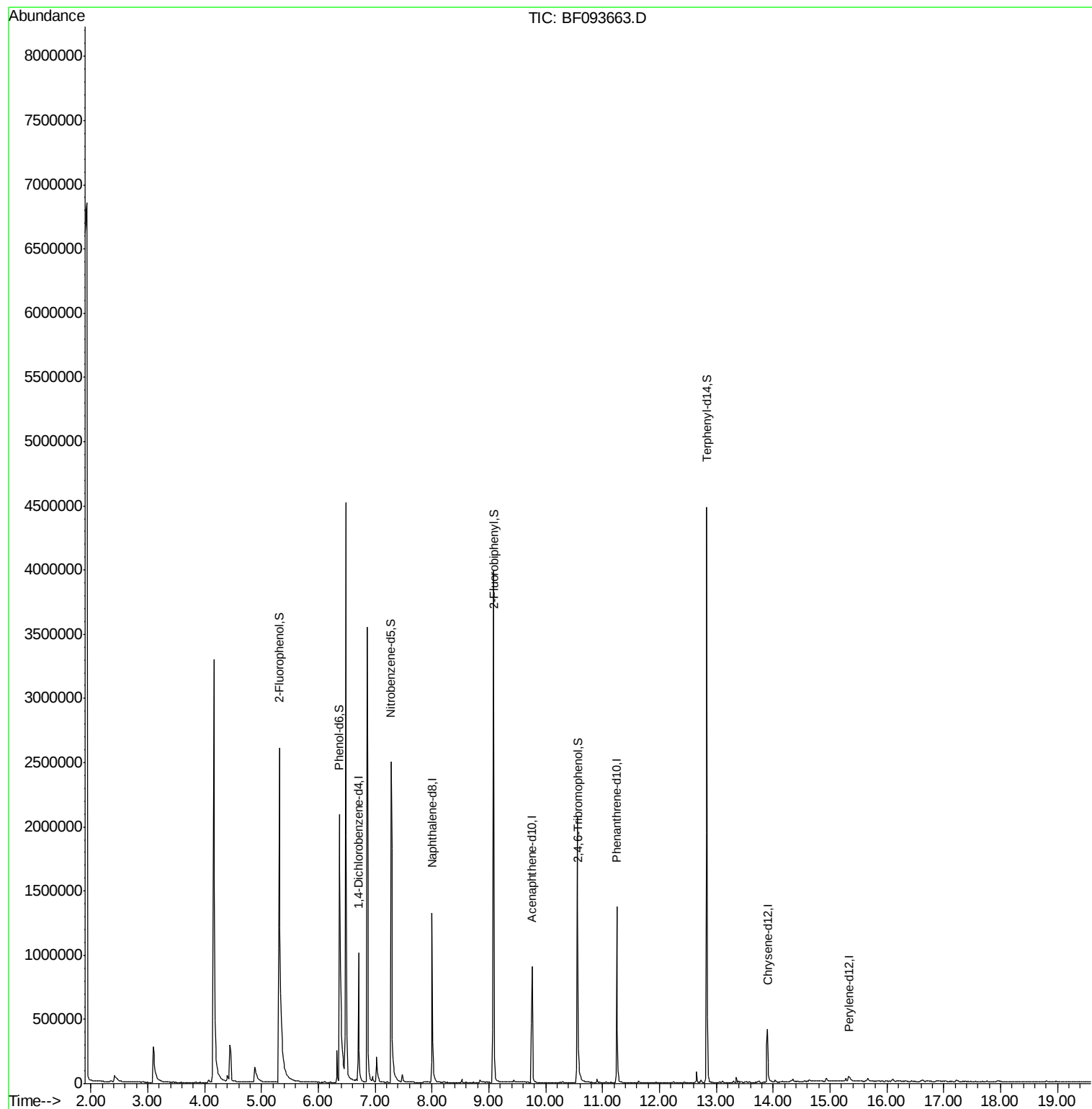
Target Compounds Qvalue

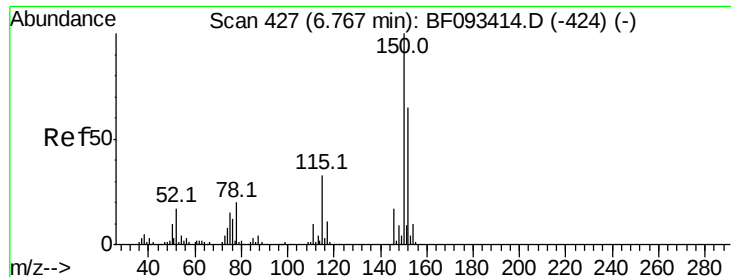
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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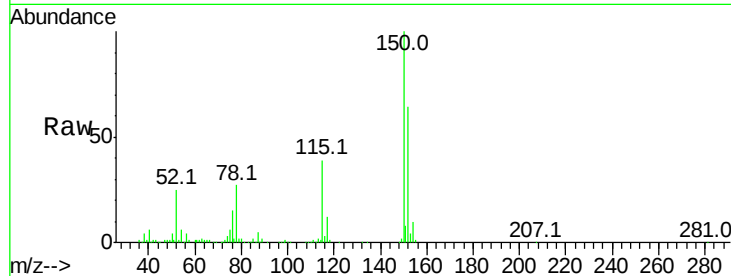


#1

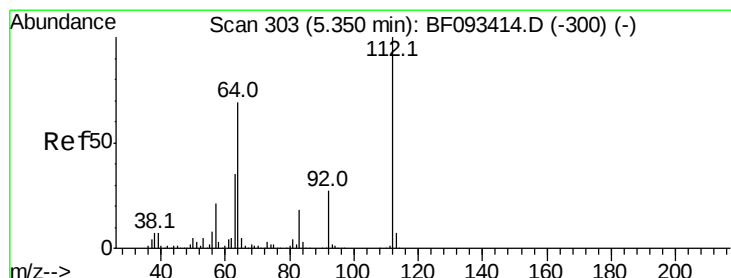
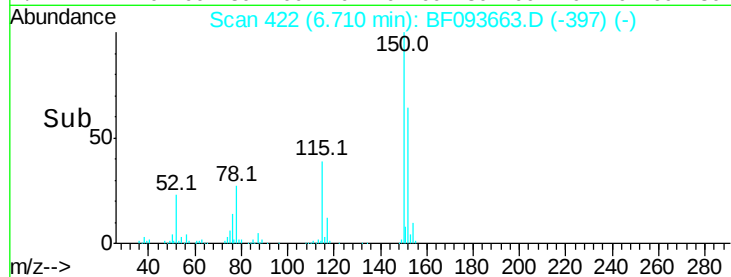
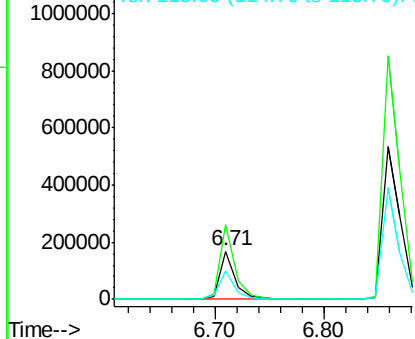
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Instrument :
BNA_F
ClientSampleId :
D-97RE

Tot Ion:152 Resp: 162953
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 60.5 46.0 69.0



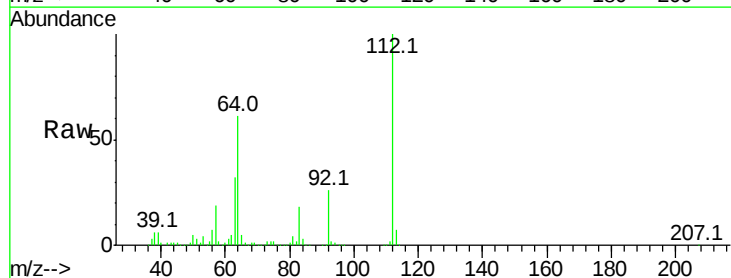
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



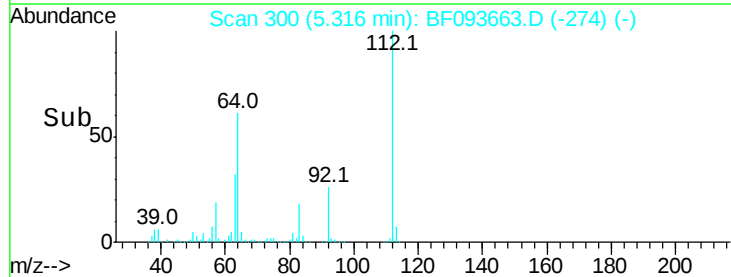
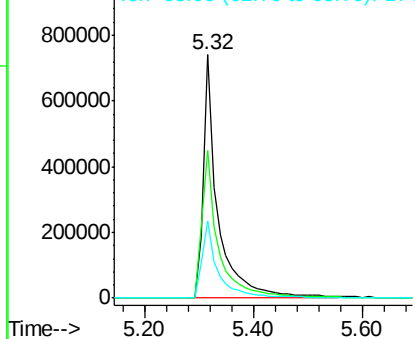
#5

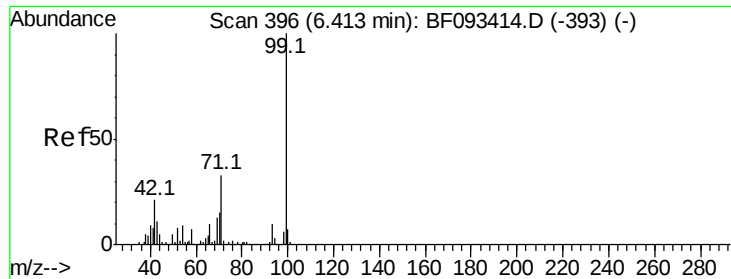
2-Fluorophenol
Concen: 140.76 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093663.D
Acq: 14 Mar 2017 17:16

Tgt Ion:112 Resp: 1378146
Ion Ratio Lower Upper
112 100
64 60.9 46.1 69.1
63 31.9 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: 118.94 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_F

ClientSampleId :

D-97RE

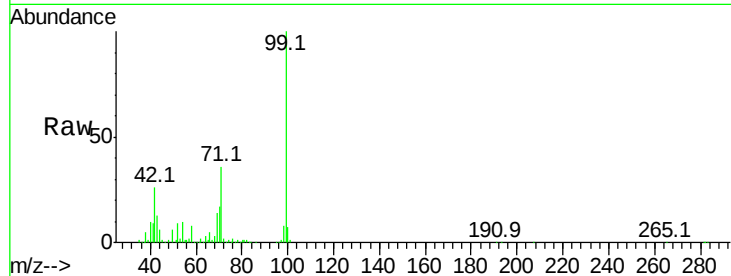
Tot Ion: 99 Resp: 1468474

Ion Ratio Lower Upper

99 100

42 25.6 15.6 23.4#

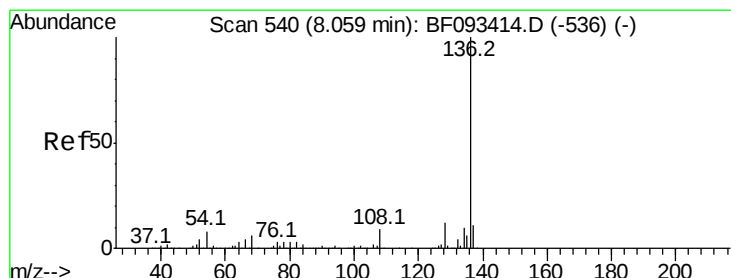
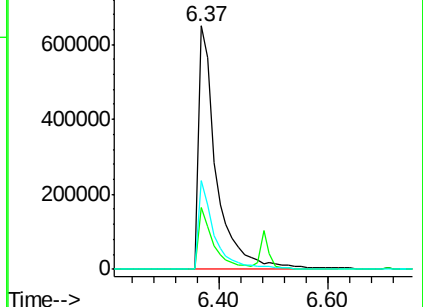
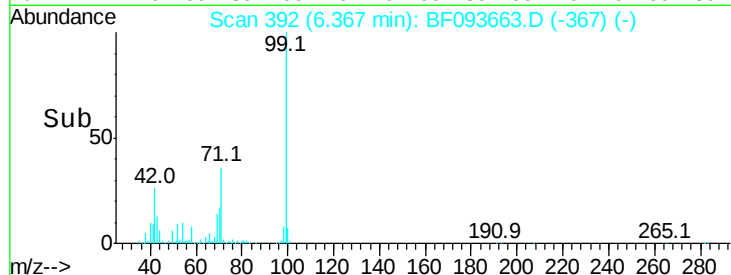
71 36.3 27.5 41.3



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: BF093663.D

Acq: 14 Mar 2017 17:16

Tgt Ion: 136 Resp: 672469

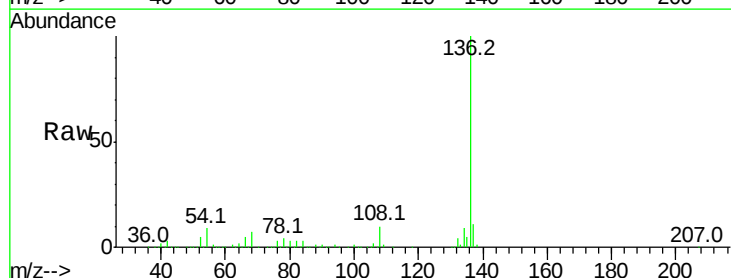
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.2 4.5 6.7#

68 6.7 3.6 5.4#

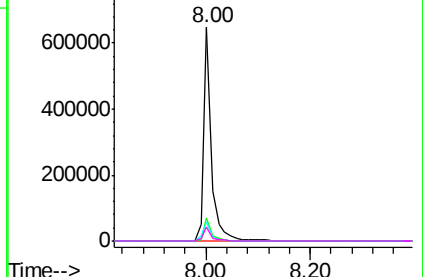
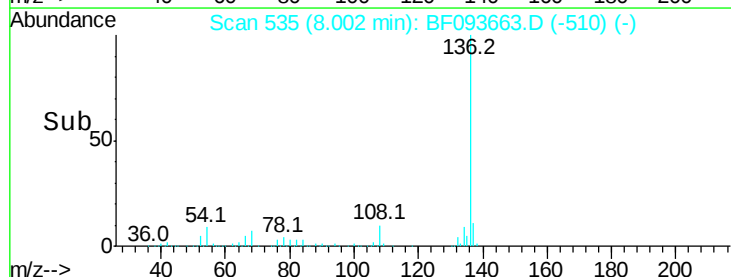


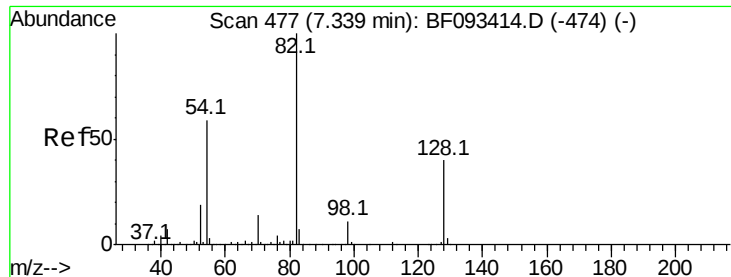
Abundance Ion 136.00 (135.70 to 136.70): E

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

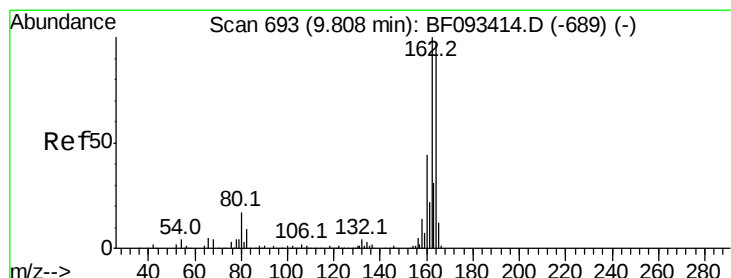
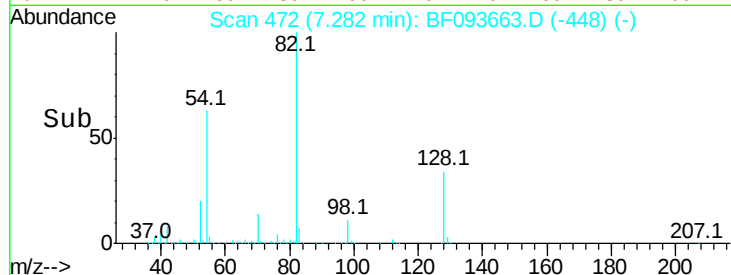
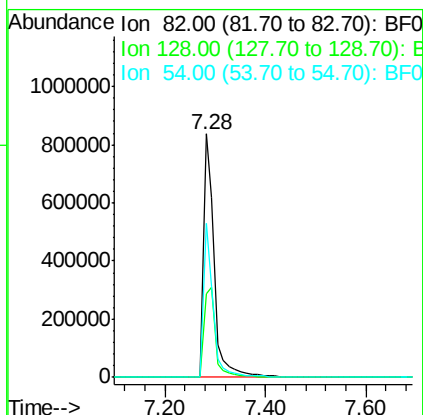
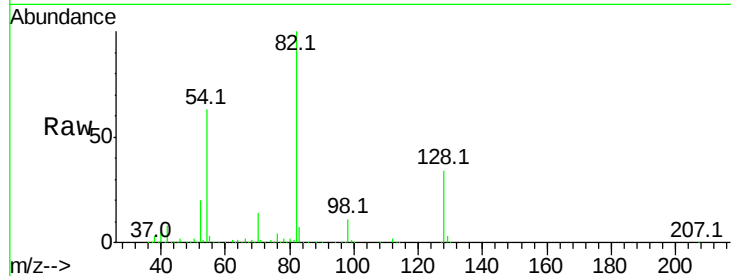




#23
 Nitrobenzene-d5
 Concen: 100.57 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

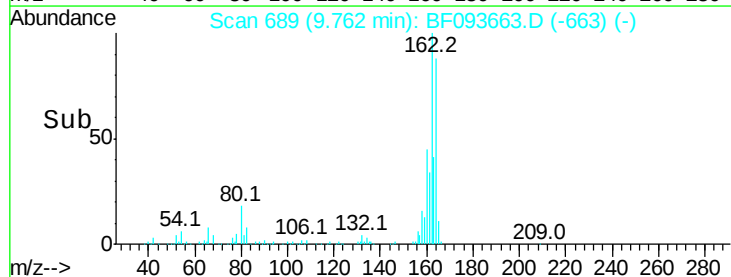
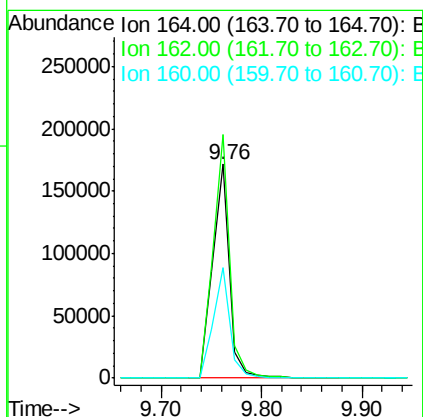
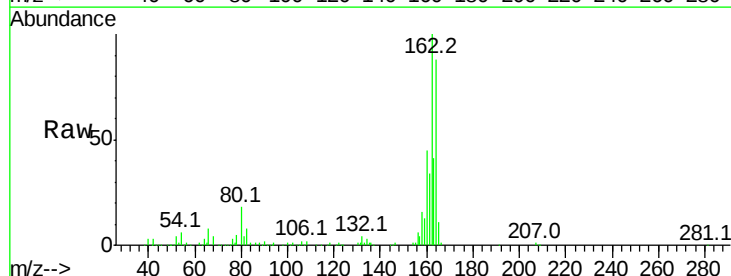
Instrument :
 BNA_F
 ClientSampleId :
 D-97RE

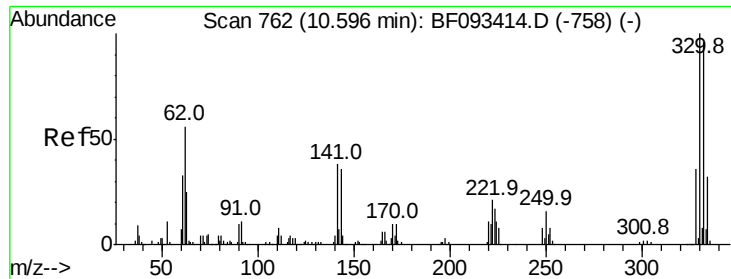
Tot Ion: 82 Resp: 1218915
 Ion Ratio Lower Upper
 82 100
 128 34.3 34.6 52.0#
 54 63.1 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Tgt Ion:164 Resp: 197621
 Ion Ratio Lower Upper
 164 100
 162 113.7 80.2 120.2
 160 51.3 36.9 55.3

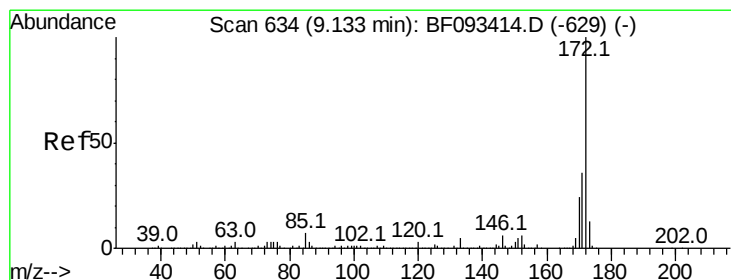
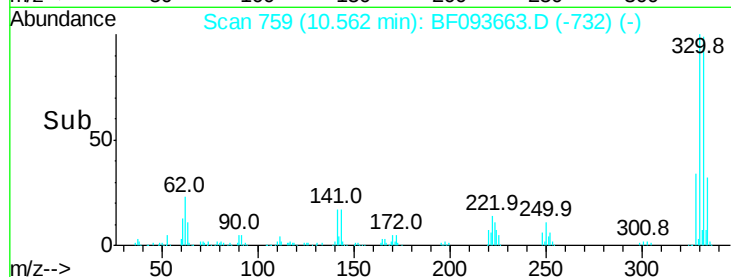
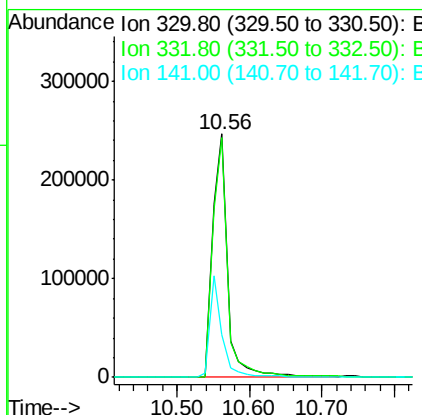
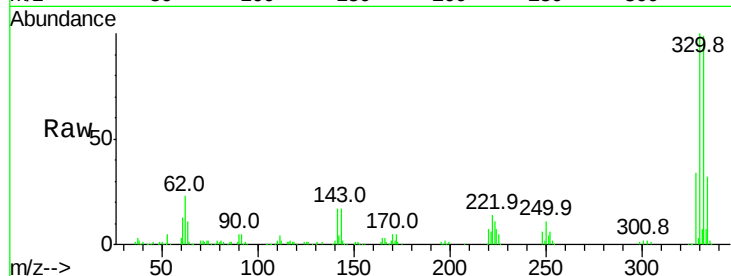




#41
 2,4,6-Tribromophenol
 Concen: 274.92 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

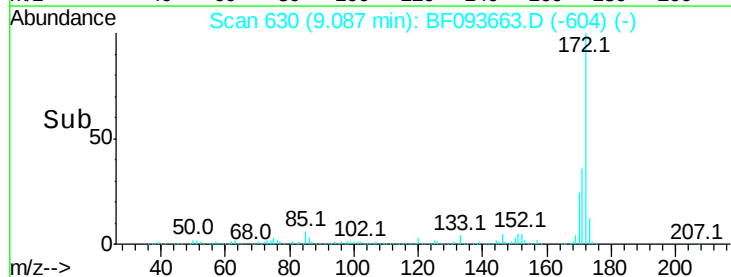
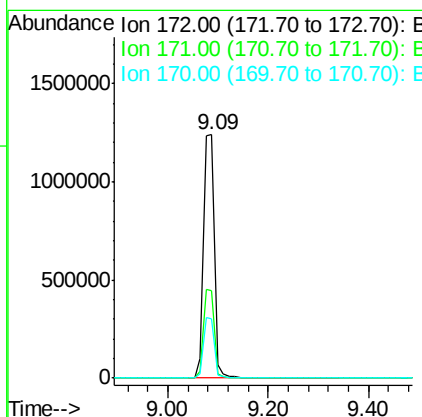
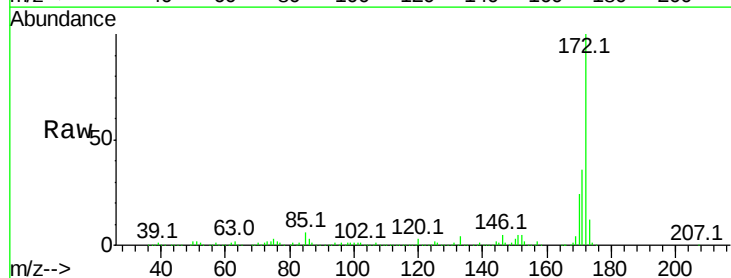
Instrument :
 BNA_F
 ClientSampleId :
 D-97RE

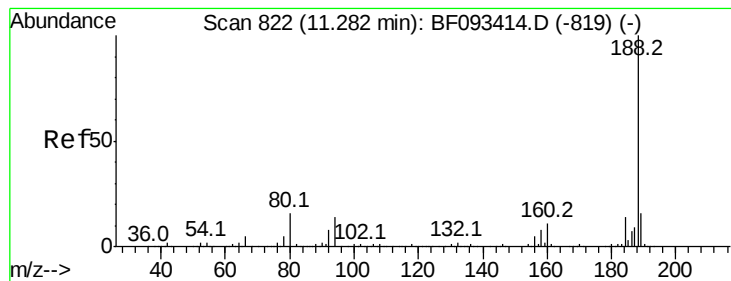
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.4	116.2
141	35.0	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 175.00 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	20.2	30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

Instrument :

BNA_F

ClientSampleId :

D-97RE

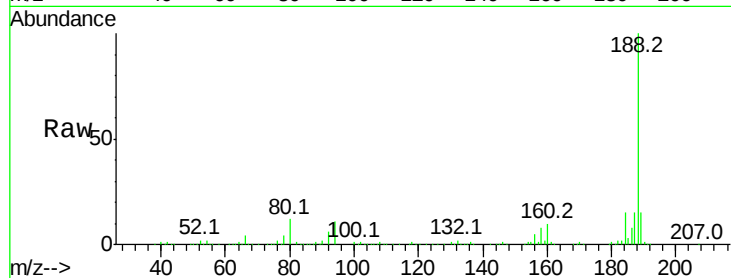
Tot Ion:188 Resp: 536515

Ion Ratio Lower Upper

188 100

94 11.5 10.0 15.0

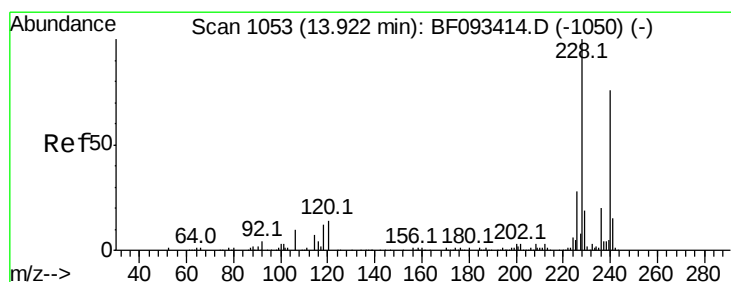
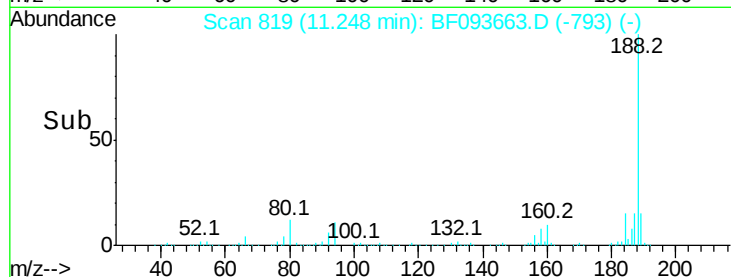
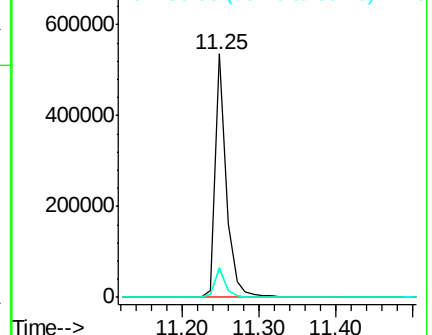
80 12.1 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093663.D

Acq: 14 Mar 2017 17:16

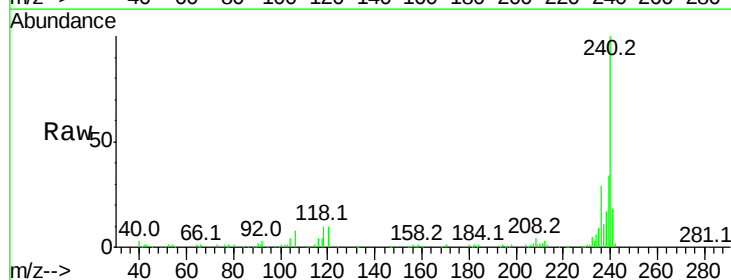
Tgt Ion:240 Resp: 197646

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

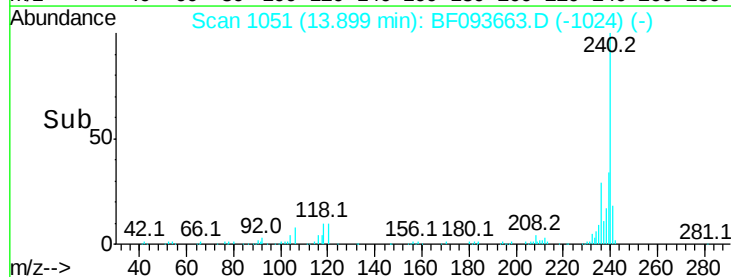
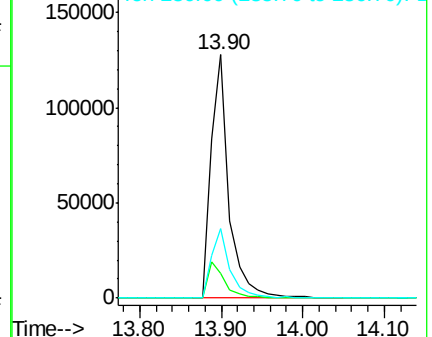
236 28.6 20.9 31.3



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

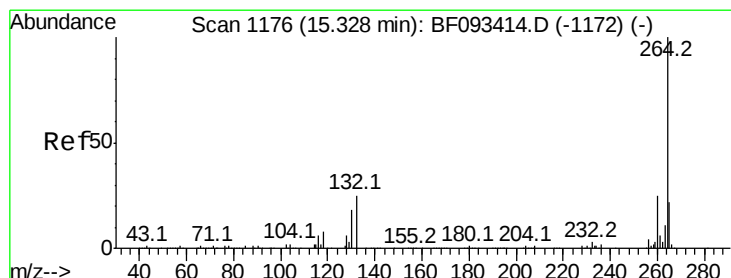
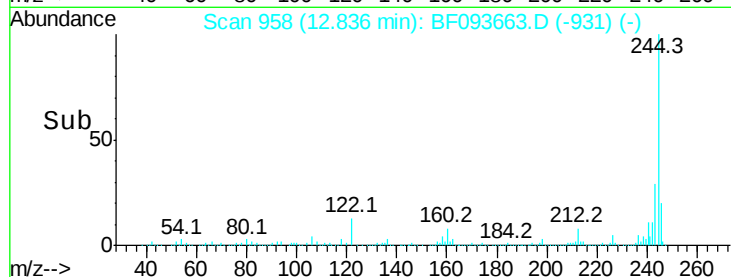
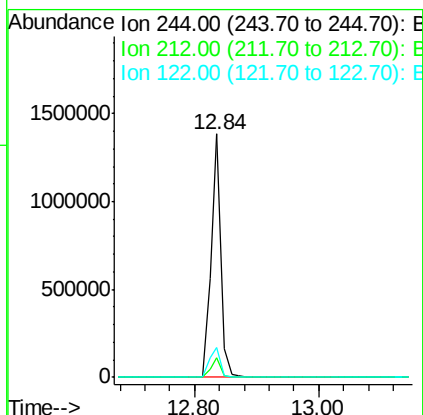
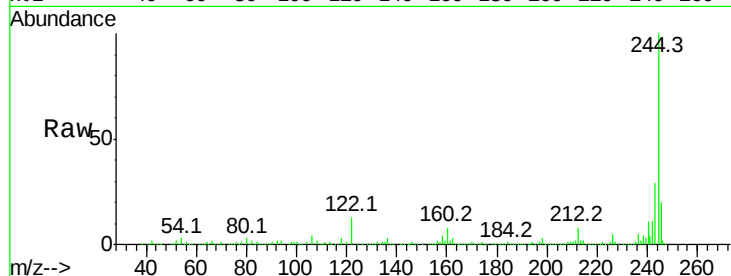




#78
 Terphenyl-d14
 Concen: 194.17 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 D-97RE

Tot Ion:244 Resp: 1476070
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF093663.D
 Acq: 14 Mar 2017 17:16

Tgt Ion:264 Resp: 6043
 Ion Ratio Lower Upper
 264 100
 260 76.4 19.2 28.8#
 265 26.3 17.4 26.0#

