

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093662.D
 Acq On : 14 Mar 2017 16:49
 Operator : SJ/MA
 Sample : I2230-08RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHARRE

Quant Time: Mar 15 05:24:16 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	178089	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	661028	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	141820	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	416133	20.00	ng	0.00
75) Chrysene-d12	13.90	240	55862	20.00	ng	0.01
86) Perylene-d12	15.34	264	1285	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1553552	145.19	ng	0.00
7) Phenol-d6	6.38	99	1018755	75.50	ng	0.00
23) Nitrobenzene-d5	7.28	82	1228492	103.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	363580	393.49	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1972363	258.69	ng	-0.01
78) Terphenyl-d14	12.84	244	1009682	469.93	ng	0.01

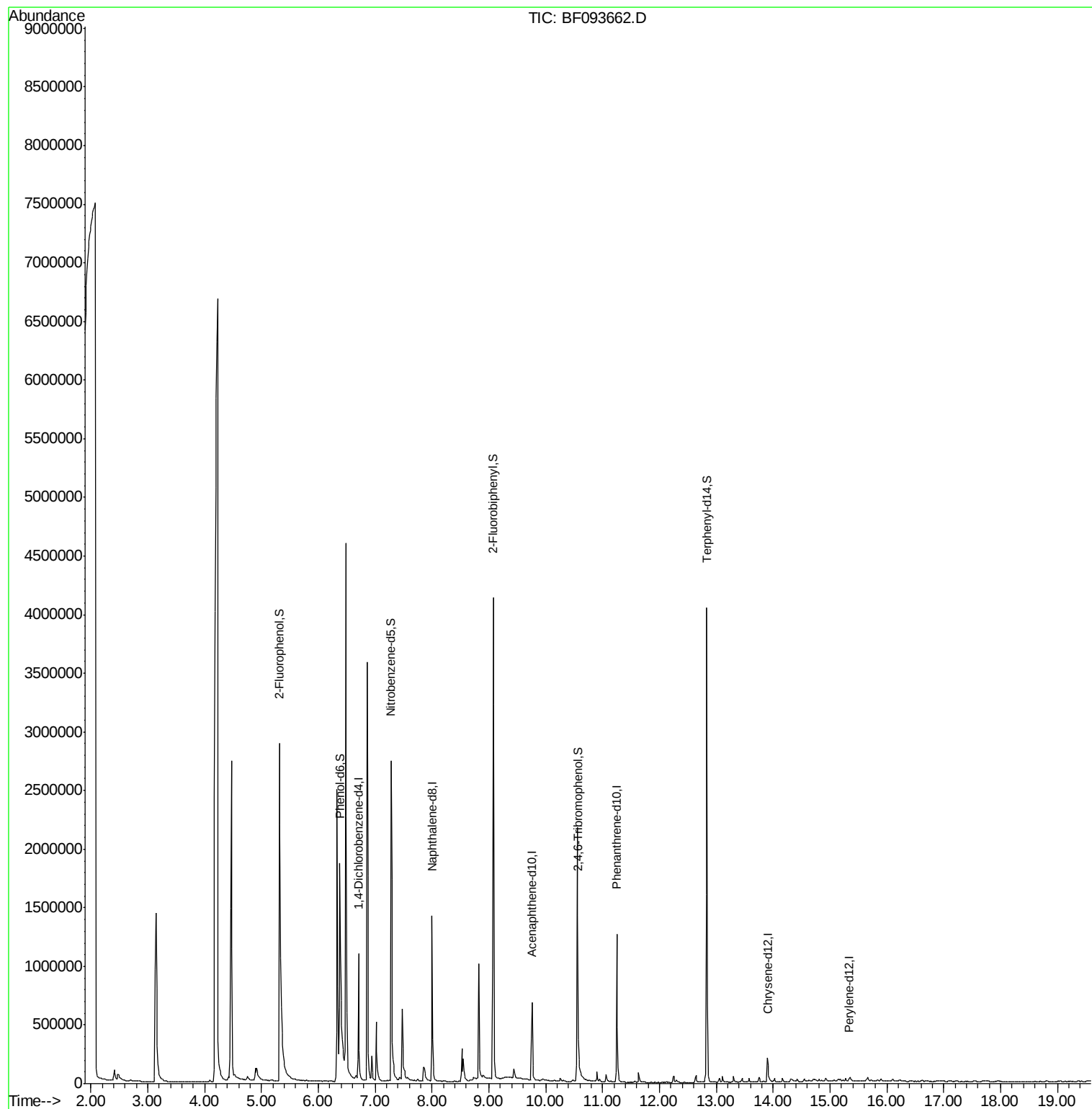
Target Compounds Qvalue

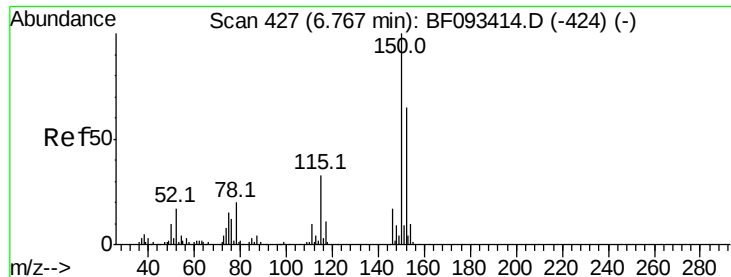
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093662.D
Acq On : 14 Mar 2017 16:49
Operator : SJ/MA
Sample : I2230-08RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-CHARRE

Quant Time: Mar 15 05:24:16 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



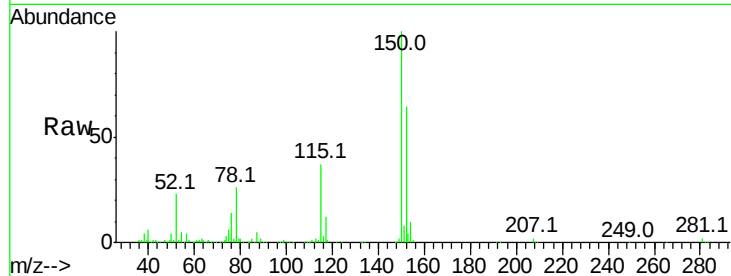


#1

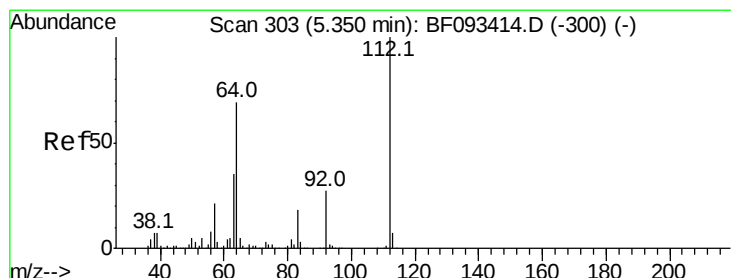
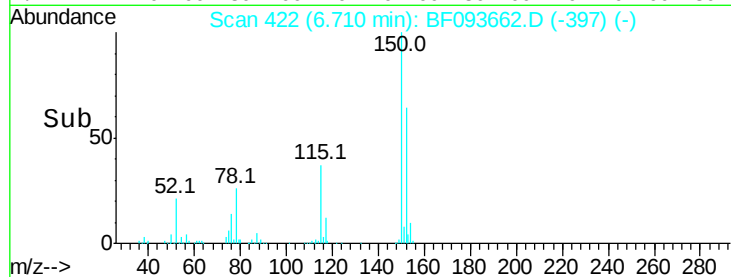
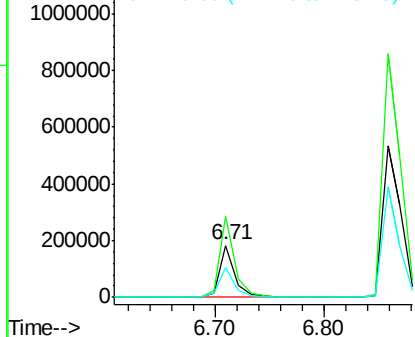
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093662.D
Acq: 14 Mar 2017 16:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-CHARRE

Tot Ion:152 Resp: 178089
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 57.8 46.0 69.0



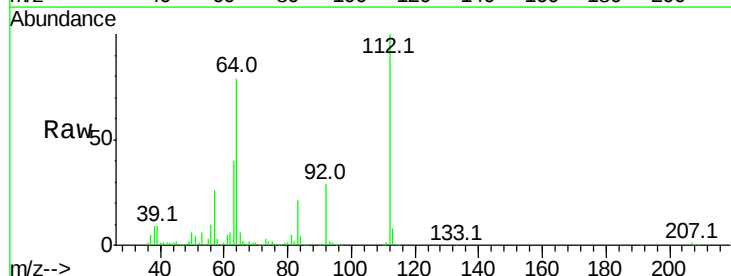
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



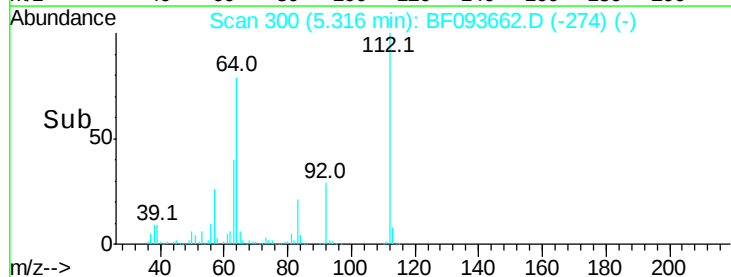
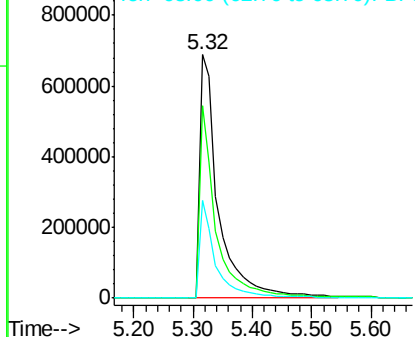
#5

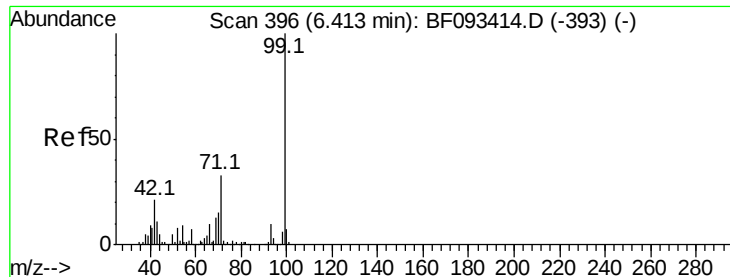
2-Fluorophenol
Concen: 145.19 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093662.D
Acq: 14 Mar 2017 16:49

Tgt Ion:112 Resp: 1553552
Ion Ratio Lower Upper
112 100
64 78.9 46.1 69.1#
63 40.2 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: 75.50 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093662.D

Acq: 14 Mar 2017 16:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHARRE

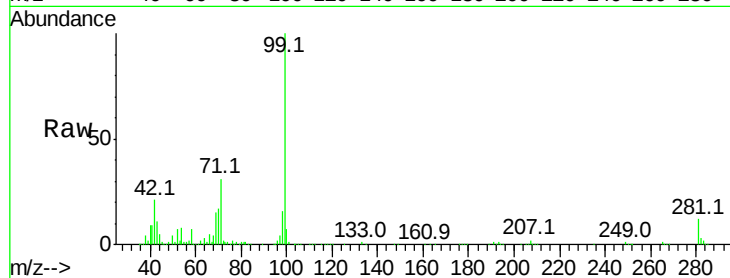
Tot Ion: 99 Resp: 1018755

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

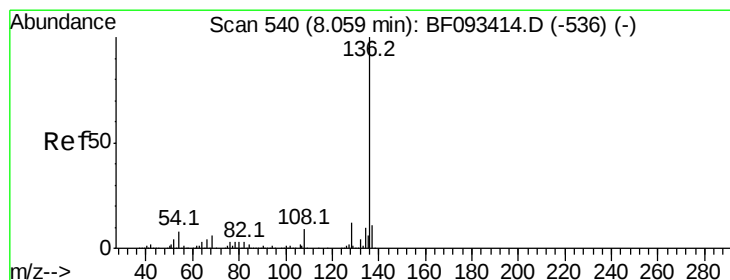
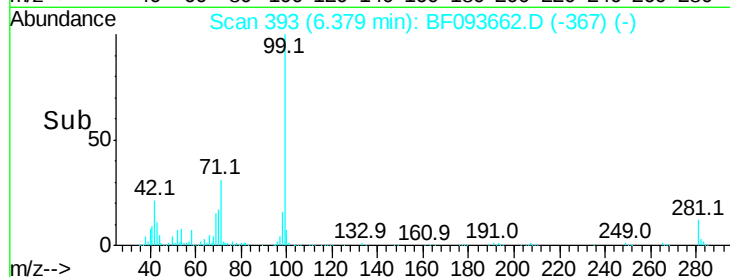
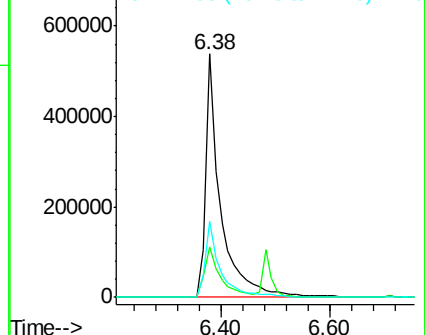
71 31.1 27.5 41.3



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: BF093662.D

Acq: 14 Mar 2017 16:49

Tgt Ion: 136 Resp: 661028

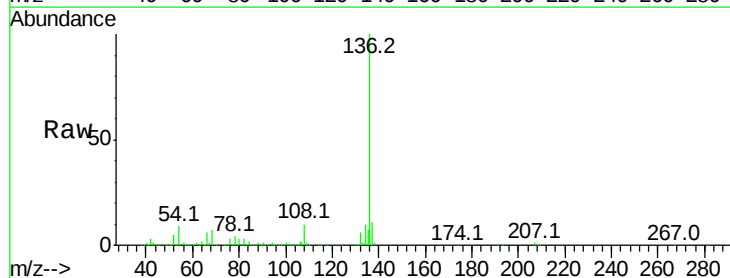
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.2 4.5 6.7#

68 6.9 3.6 5.4#

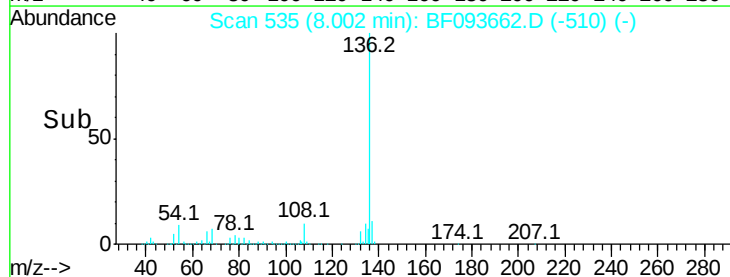
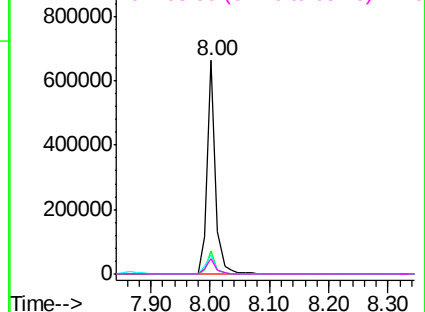


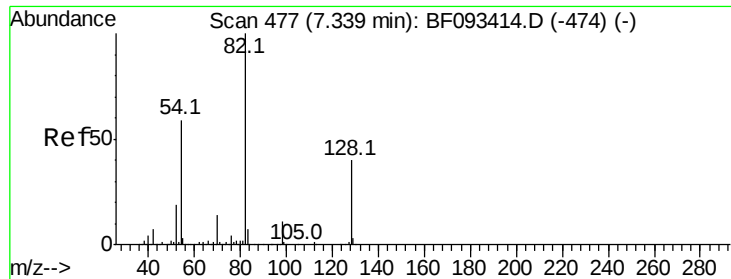
Abundance Ion 136.00 (135.70 to 136.70): E

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

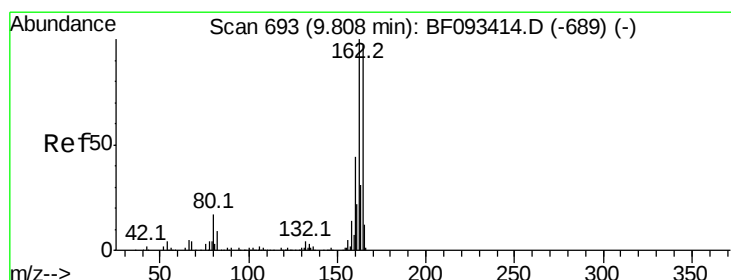
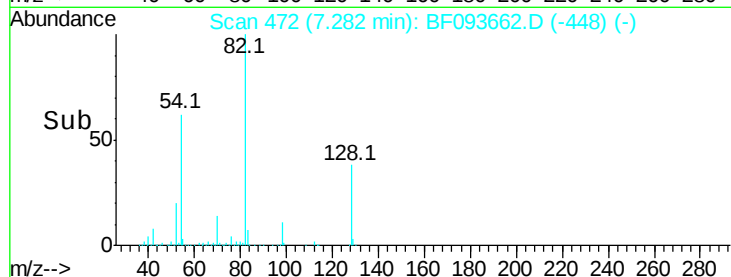
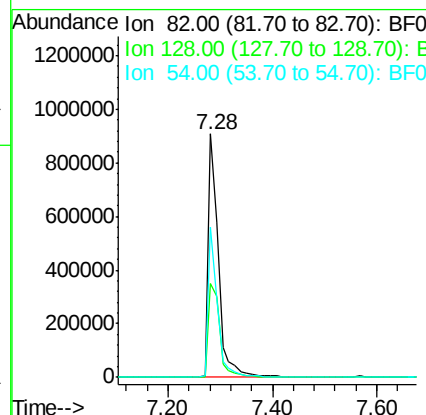
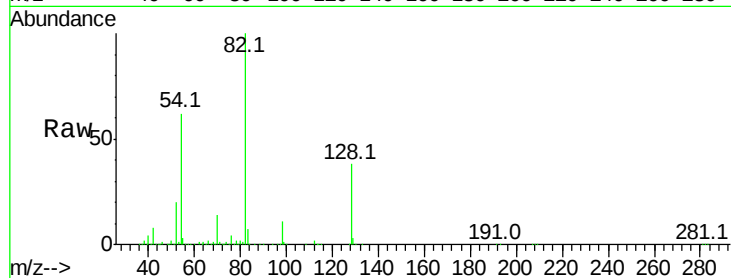




#23
 Nitrobenzene-d5
 Concen: 103.12 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093662.D
 Acq: 14 Mar 2017 16:49

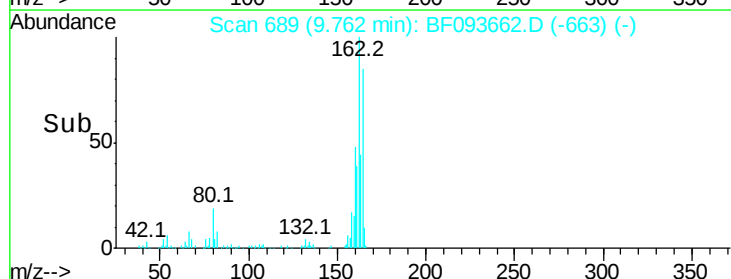
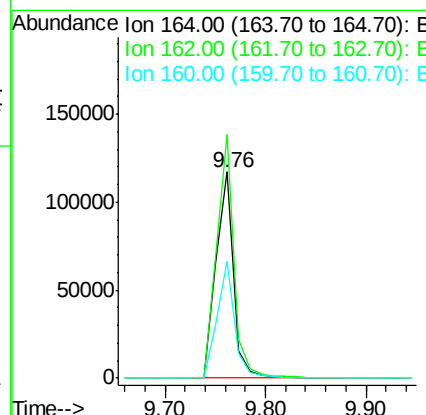
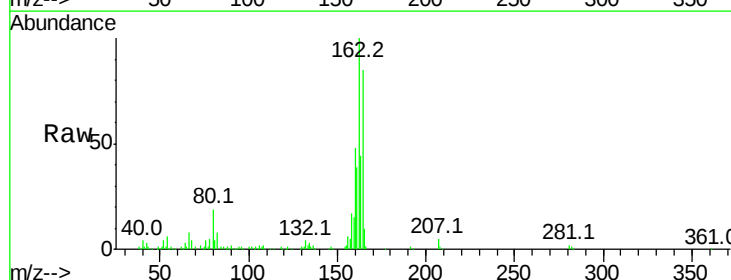
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHARRE

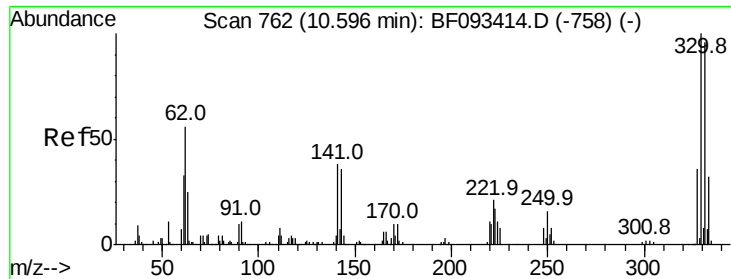
Tot Ion: 82 Resp: 1228492
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.6 52.0
 54 61.9 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093662.D
 Acq: 14 Mar 2017 16:49

Tgt Ion: 164 Resp: 141820
 Ion Ratio Lower Upper
 164 100
 162 118.2 80.2 120.2
 160 56.5 36.9 55.3#

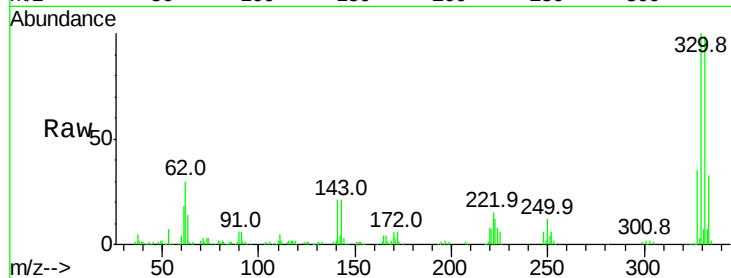




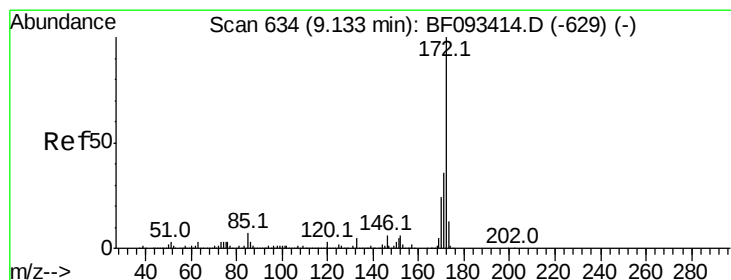
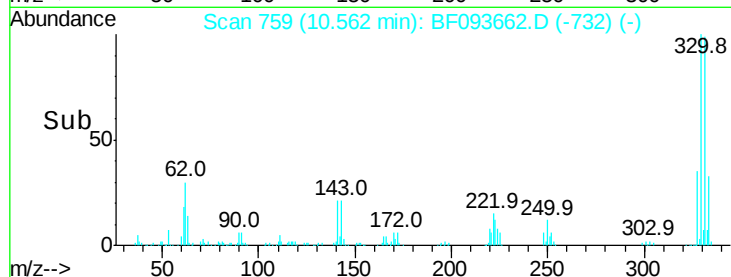
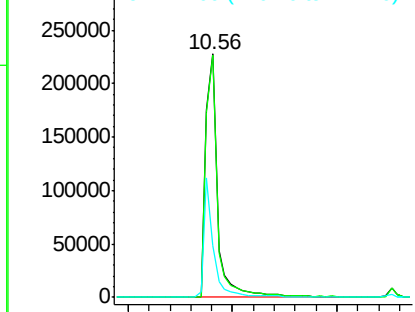
#41
 2,4,6-Tribromophenol
 Concen: 393.49 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093662.D
 Acq: 14 Mar 2017 16:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHARRE

Tot Ion:330 Resp: 363580
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 40.4 34.1 51.1

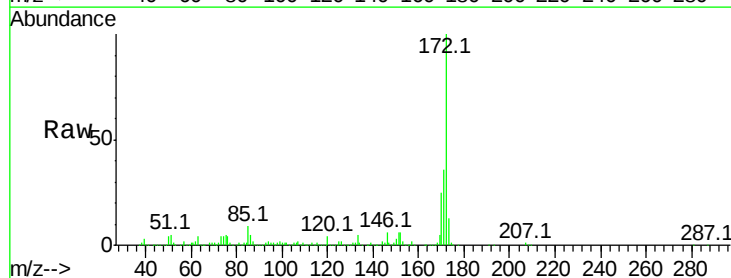


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

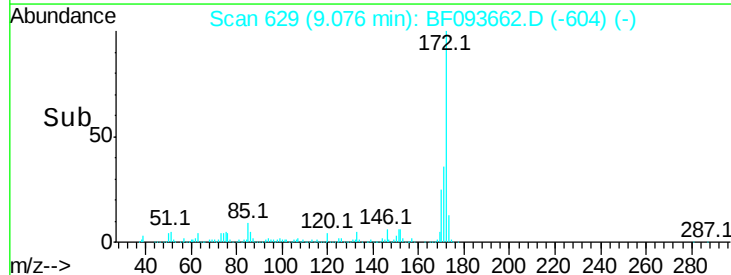
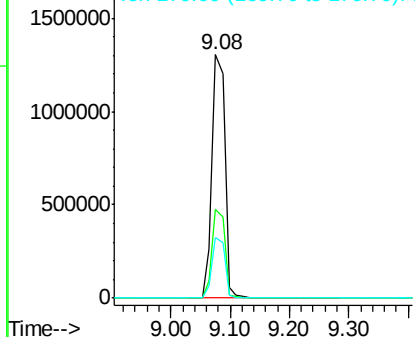


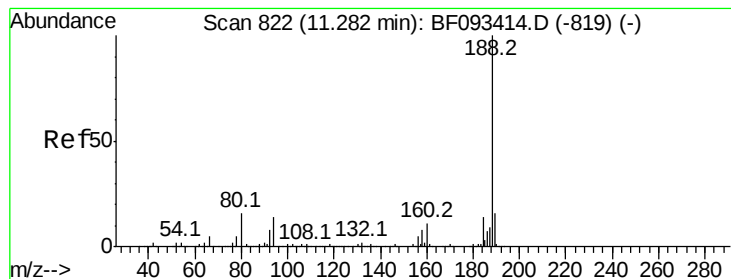
#44
 2-Fluorobiphenyl
 Concen: 258.69 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093662.D
 Acq: 14 Mar 2017 16:49

Tgt Ion:172 Resp: 1972363
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 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: BF093662.D

Acq: 14 Mar 2017 16:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHARRE

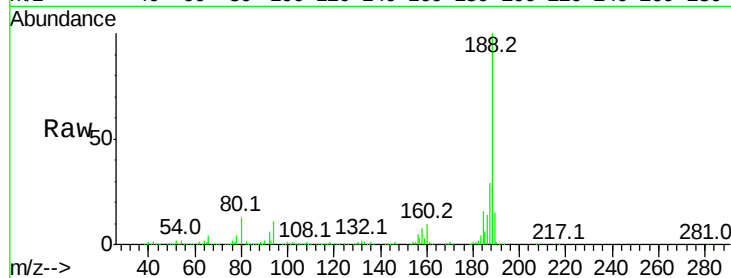
Tot Ion:188 Resp: 416133

Ion Ratio Lower Upper

188 100

94 11.1 10.0 15.0

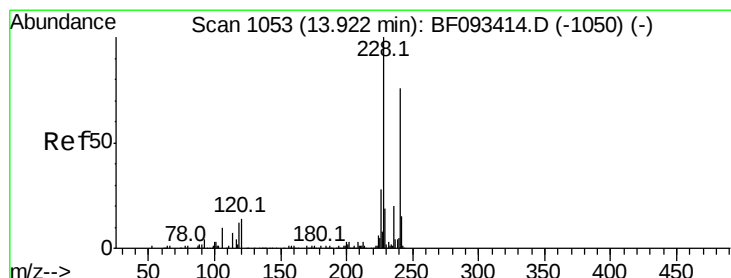
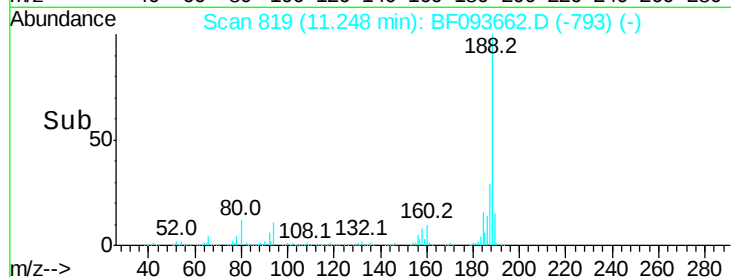
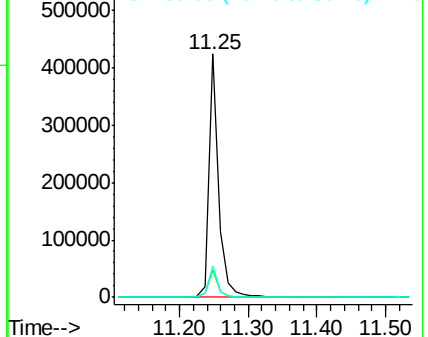
80 12.5 11.2 16.8



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: BF093662.D

Acq: 14 Mar 2017 16:49

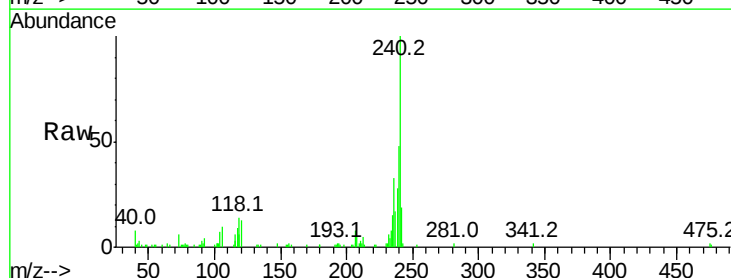
Tgt Ion:240 Resp: 55862

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

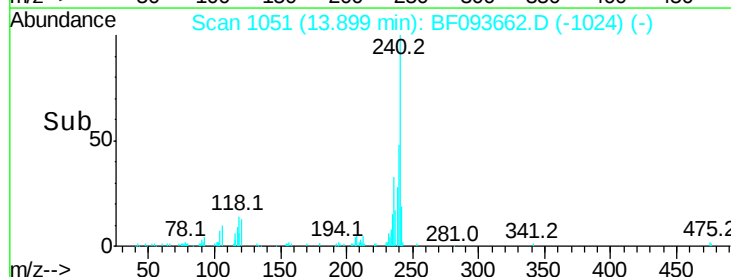
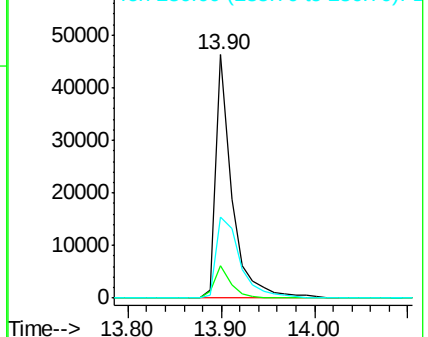
236 33.1 20.9 31.3#

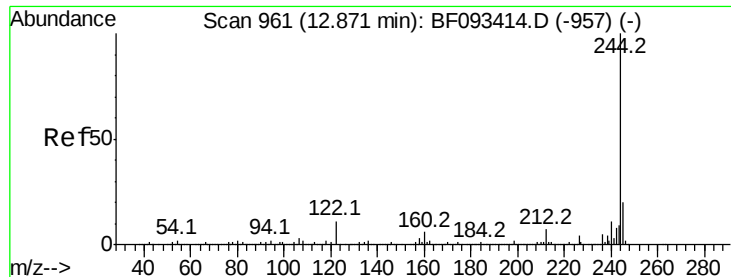


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 469.93 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093662.D

Acq: 14 Mar 2017 16:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHARRE

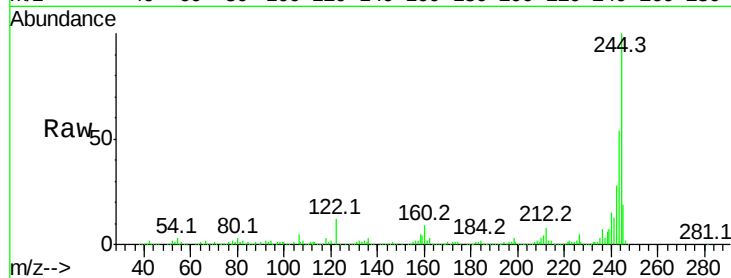
Tot Ion:244 Resp: 1009682

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

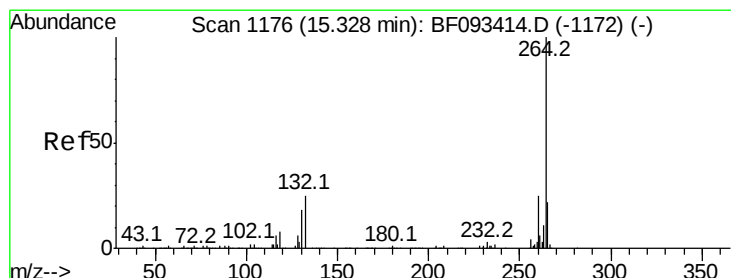
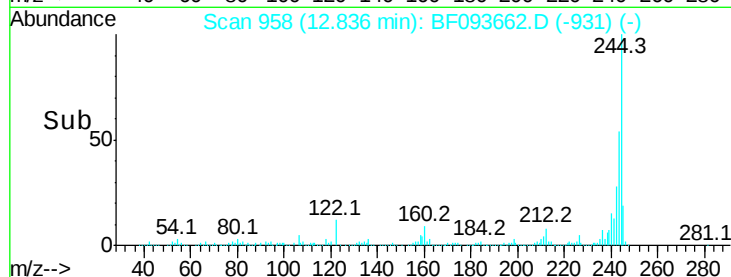
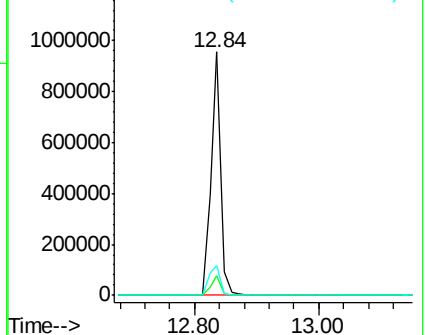
122 12.1 11.4 17.2



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: 15.34 min Scan# 1177

Delta R.T. 0.06 min

Lab File: BF093662.D

Acq: 14 Mar 2017 16:49

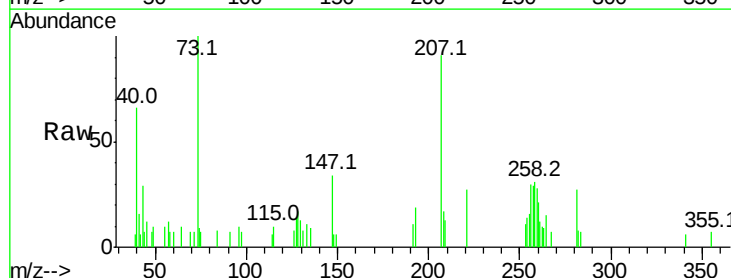
Tgt Ion:264 Resp: 1285

Ion Ratio Lower Upper

264 100

260 143.2 19.2 28.8#

265 0.0 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

