

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093622.D
 Acq On : 13 Mar 2017 22:01
 Operator : SJ/MA
 Sample : I2230-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHAR

Quant Time: Mar 14 02:04:11 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	183499	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	682367	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	136059	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	381419	20.00	ng	0.00
75) Chrysene-d12	13.90	240	63066	20.00	ng	0.01
86) Perylene-d12	15.34	264	1518	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1572611	142.64	ng	0.00
7) Phenol-d6	6.38	99	1029045	74.01	ng	0.00
23) Nitrobenzene-d5	7.28	82	1290997	104.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	355941	401.54	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	2016945	275.73	ng	-0.01
78) Terphenyl-d14	12.84	244	872672	359.76	ng	0.01

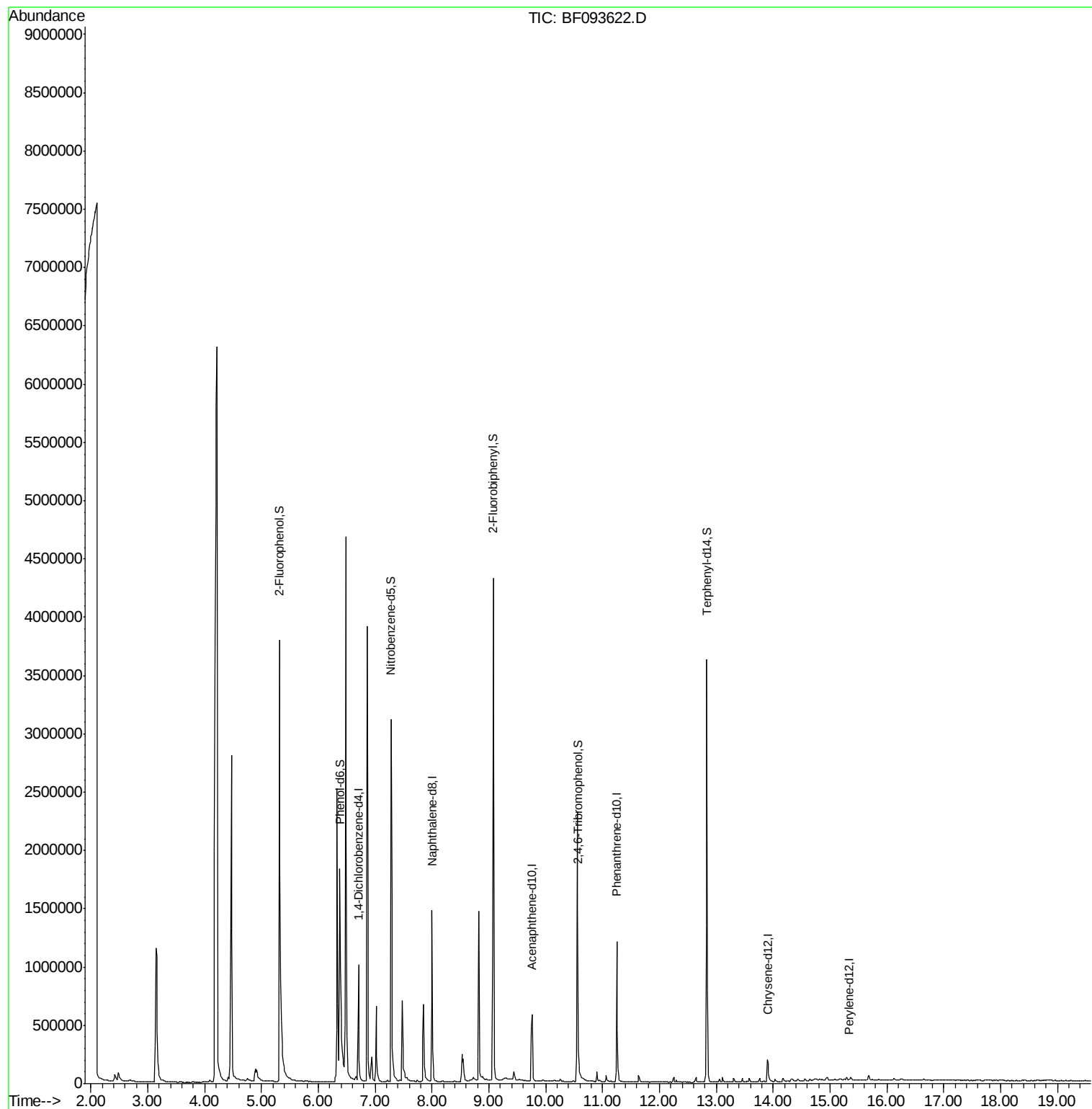
Target Compounds Qvalue

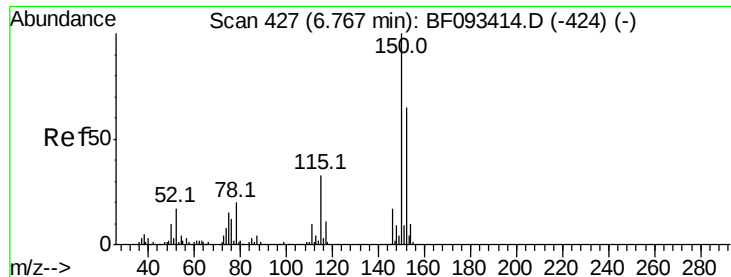
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093622.D
Acq On : 13 Mar 2017 22:01
Operator : SJ/MA
Sample : I2230-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4-CHAR

Quant Time: Mar 14 02:04:11 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: BF093622.D

Acq: 13 Mar 2017 22:01

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHAR

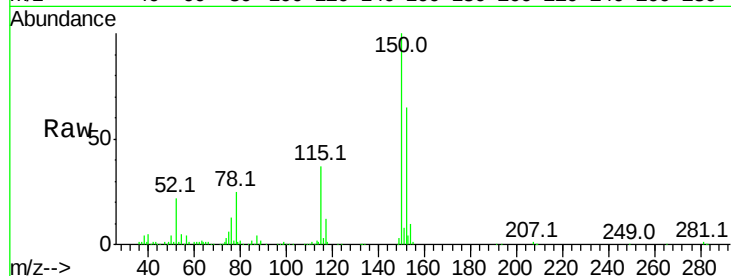
Tot Ion:152 Resp: 183499

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

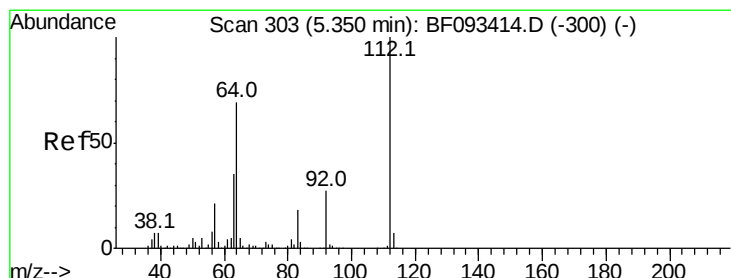
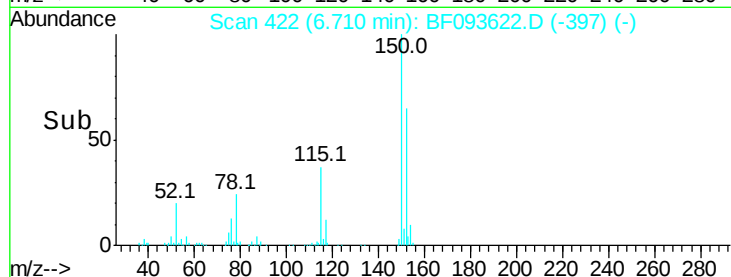
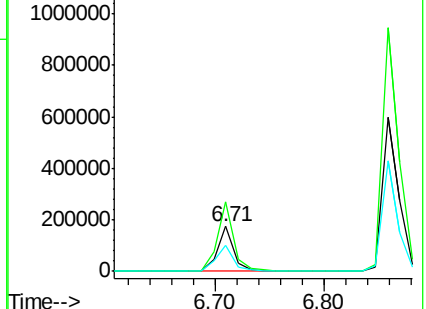
115 56.7 46.0 69.0



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: 142.64 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093622.D

Acq: 13 Mar 2017 22:01

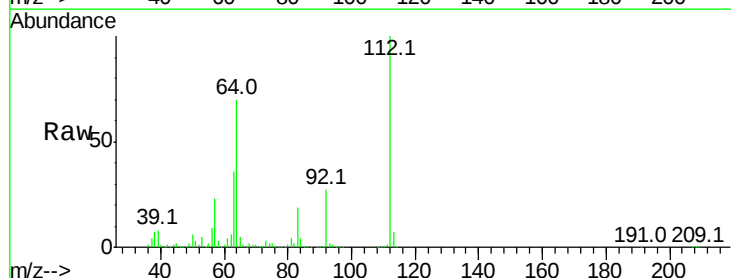
Tgt Ion:112 Resp: 1572611

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

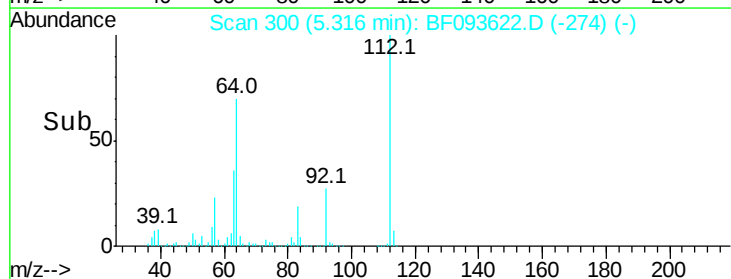
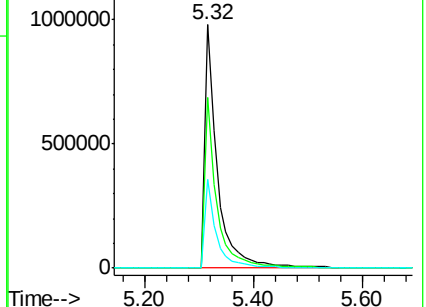
63 36.2 23.8 35.6#

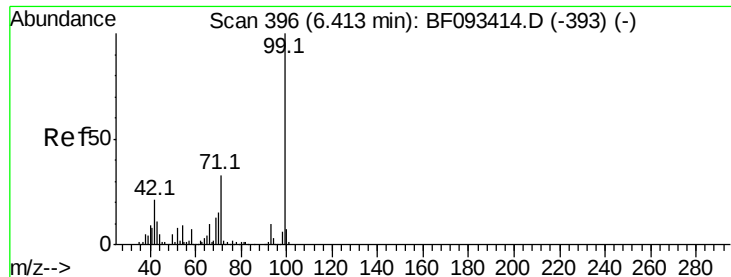


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.01 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093622.D

Acq: 13 Mar 2017 22:01

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHAR

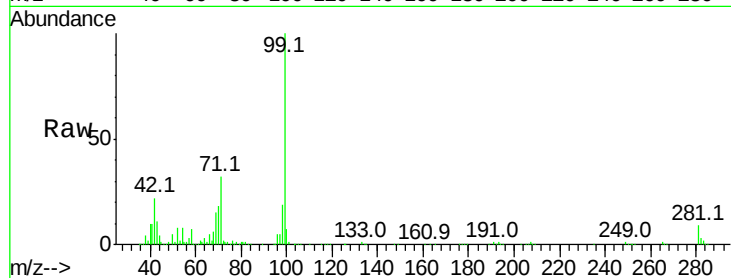
Tot Ion: 99 Resp: 1029045

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

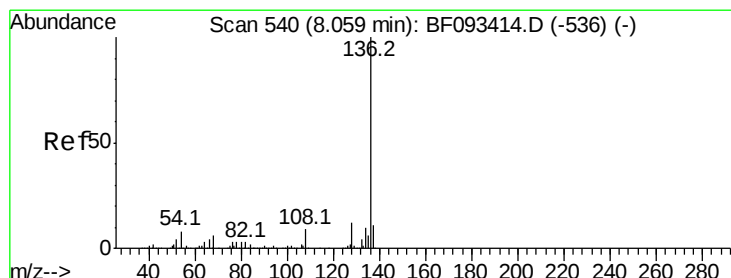
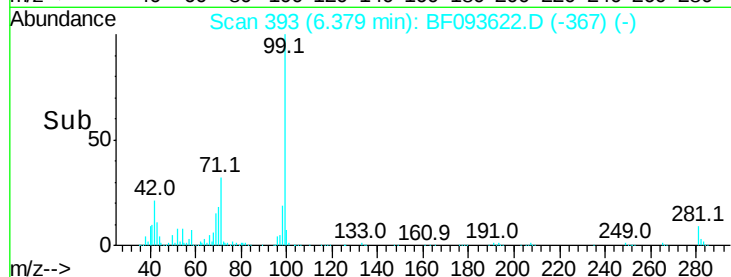
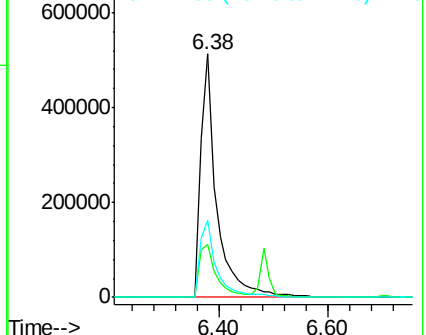
71 31.5 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093622.D

Acq: 13 Mar 2017 22:01

Tgt Ion: 136 Resp: 682367

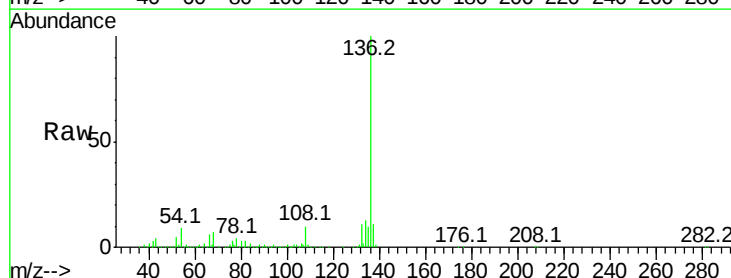
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.5 4.5 6.7#

68 7.1 3.6 5.4#

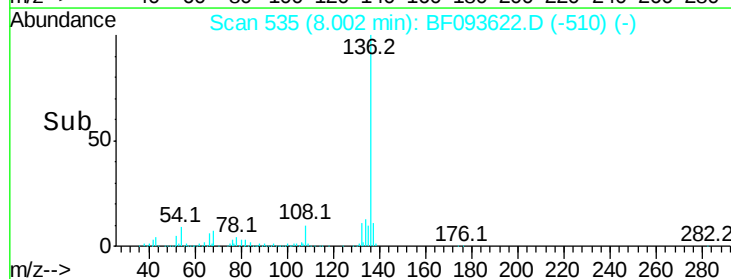
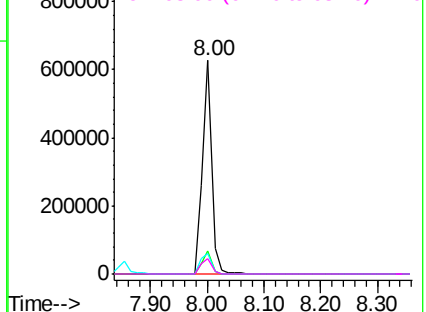


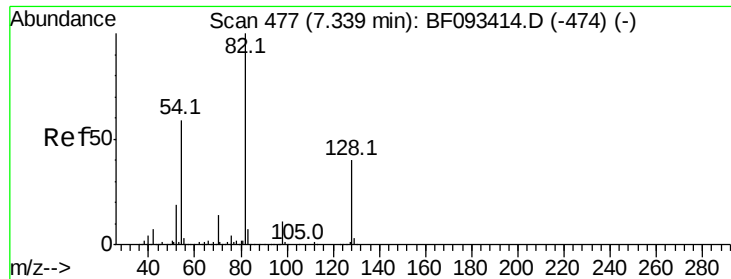
Abundance Ion 136.00 (135.70 to 136.70): E

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



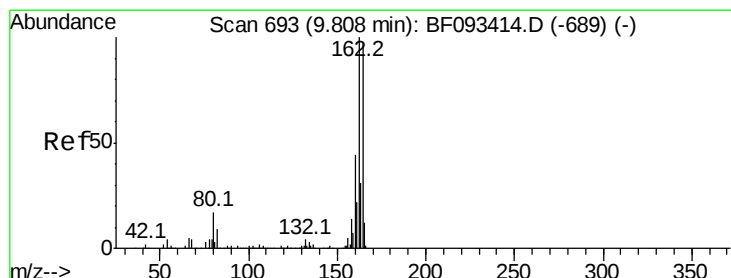
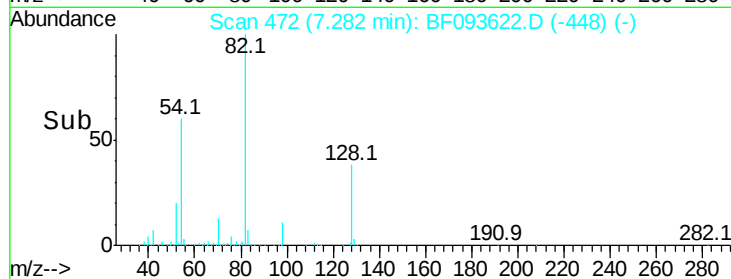
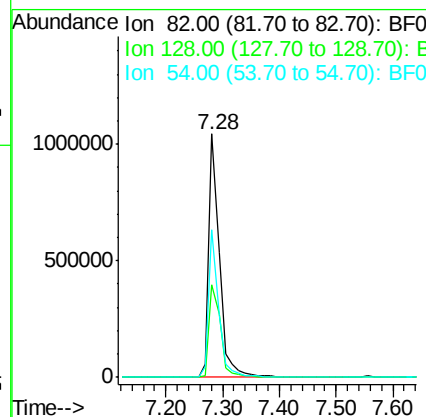
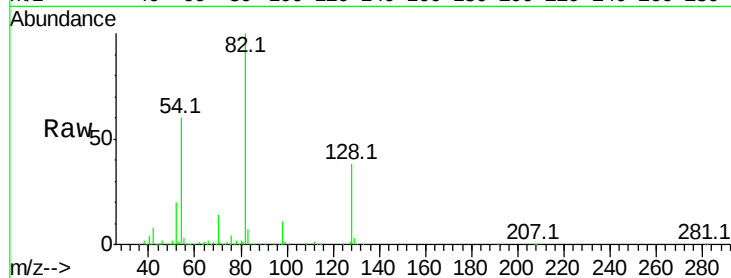


#23
 Nitrobenzene-d5
 Concen: 104.97 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093622.D
 Acq: 13 Mar 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHAR

Tot Ion: 82 Resp: 1290997

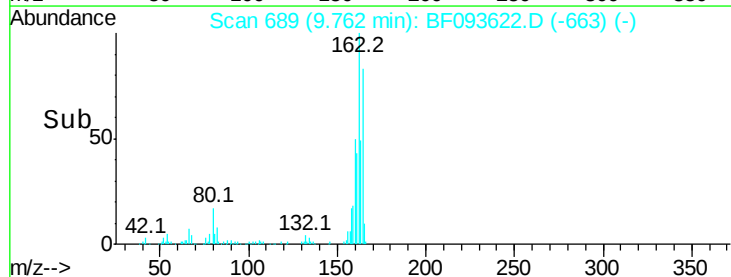
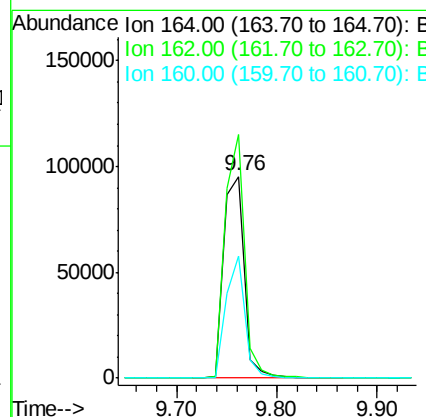
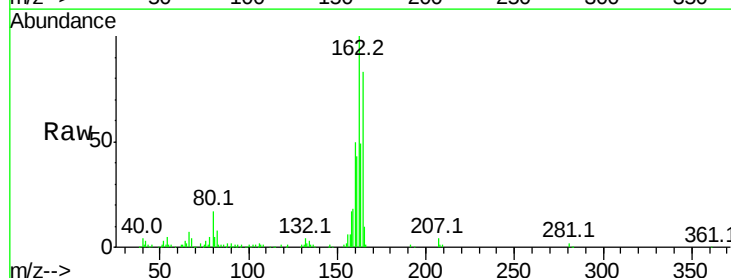
Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	60.5	39.5	59.3#

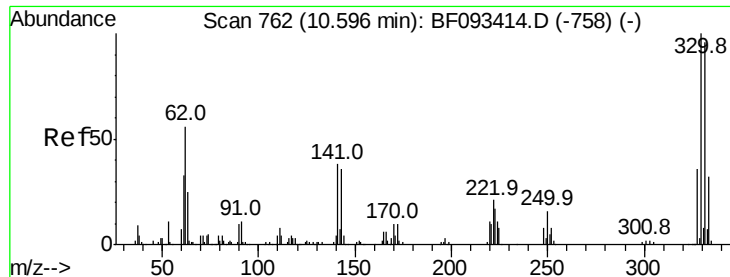


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093622.D
 Acq: 13 Mar 2017 22:01

Tgt Ion:164 Resp: 136059

Ion	Ratio	Lower	Upper
164	100		
162	120.7	80.2	120.2#
160	60.4	36.9	55.3#

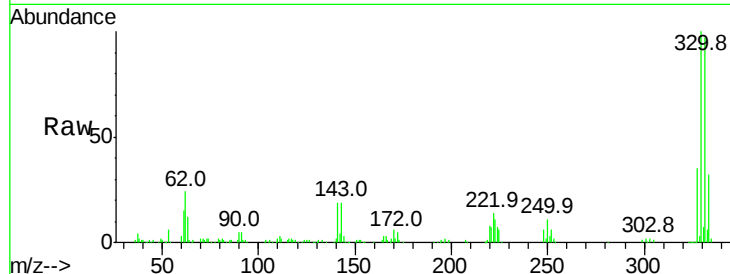




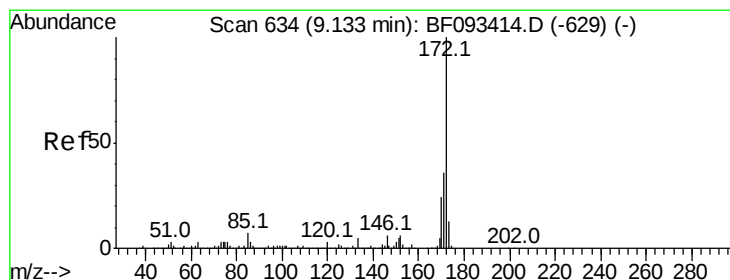
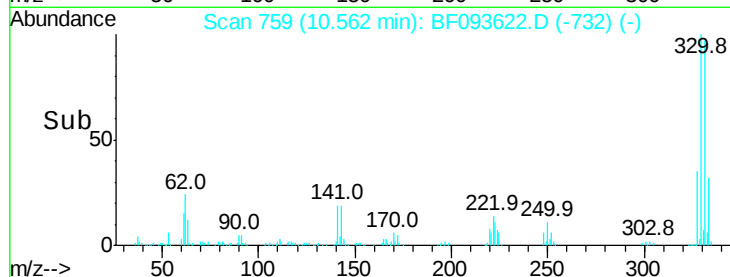
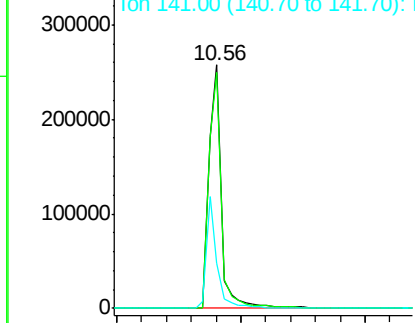
#41
 2,4,6-Tribromophenol
 Concen: 401.54 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093622.D
 Acq: 13 Mar 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4-CHAR

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	39.8	34.1	51.1

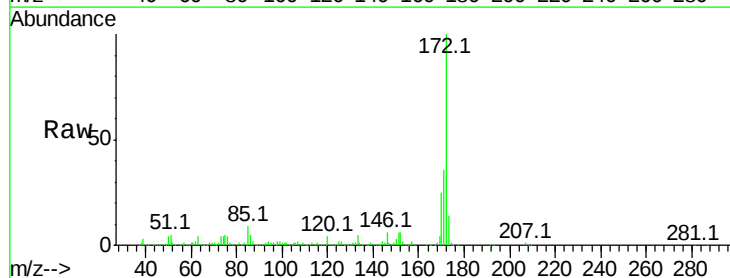


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

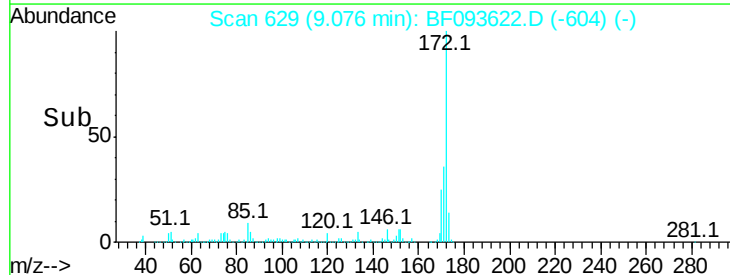
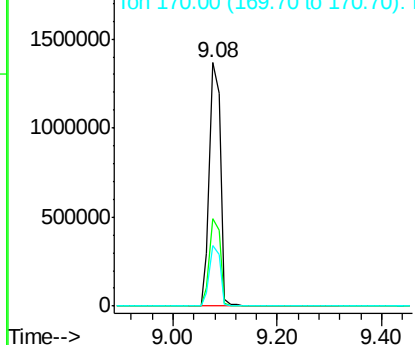


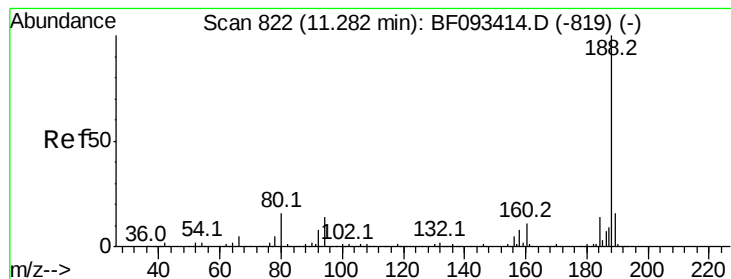
#44
 2-Fluorobiphenyl
 Concen: 275.73 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093622.D
 Acq: 13 Mar 2017 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	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: BF093622.D

Acq: 13 Mar 2017 22:01

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHAR

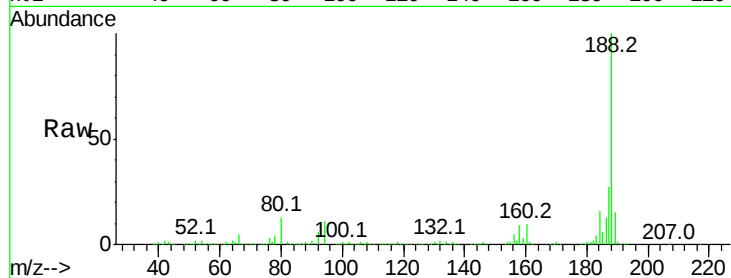
Tot Ion:188 Resp: 381419

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

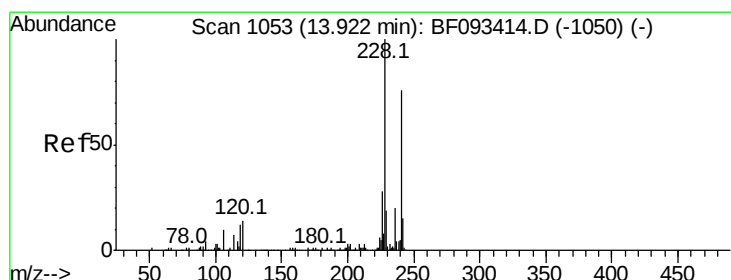
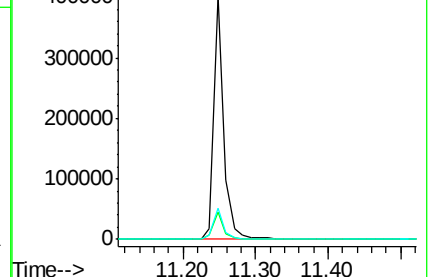
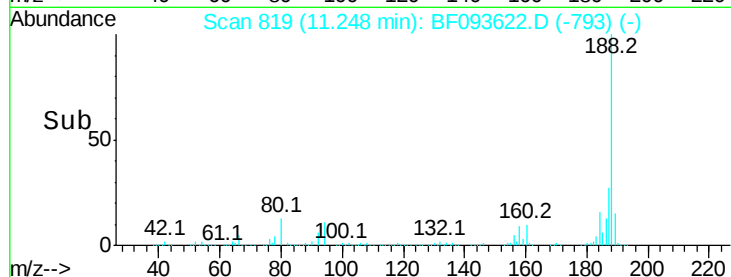
80 13.0 11.2 16.8



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: BF093622.D

Acq: 13 Mar 2017 22:01

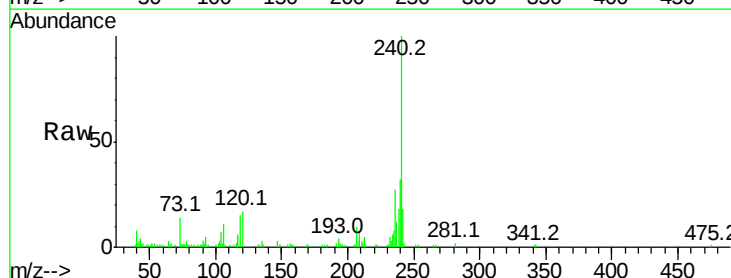
Tgt Ion:240 Resp: 63066

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

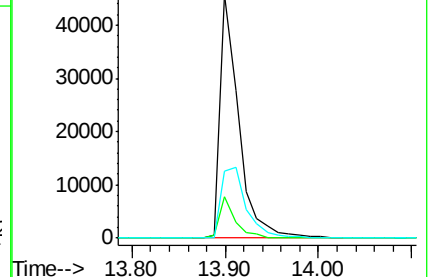
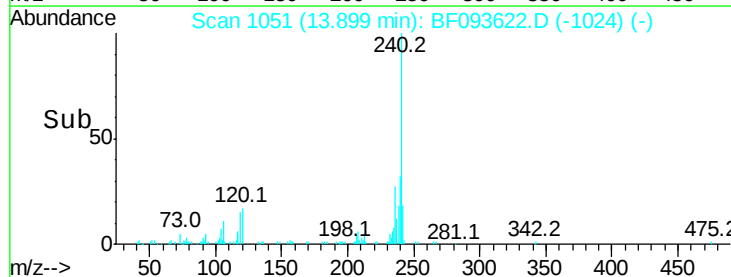
236 27.4 20.9 31.3

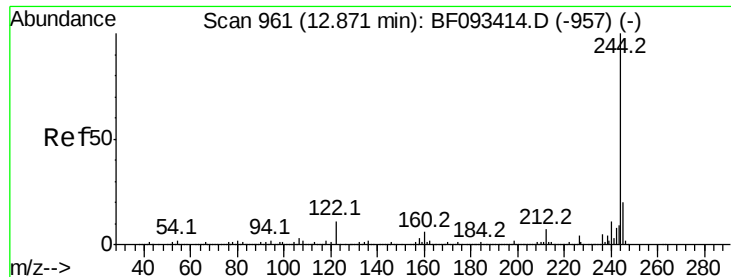


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 359.76 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093622.D

Acq: 13 Mar 2017 22:01

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4-CHAR

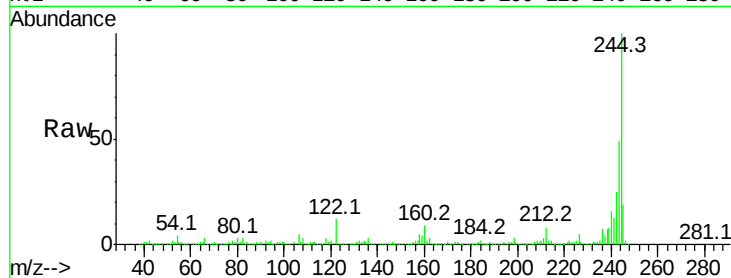
Tot Ion:244 Resp: 872672

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

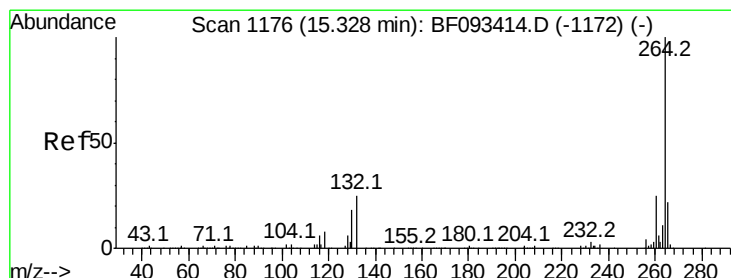
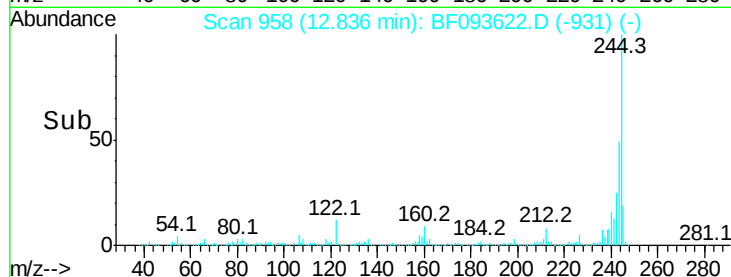
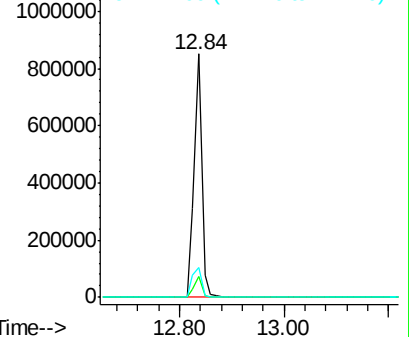
122 12.2 11.4 17.2



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: BF093622.D

Acq: 13 Mar 2017 22:01

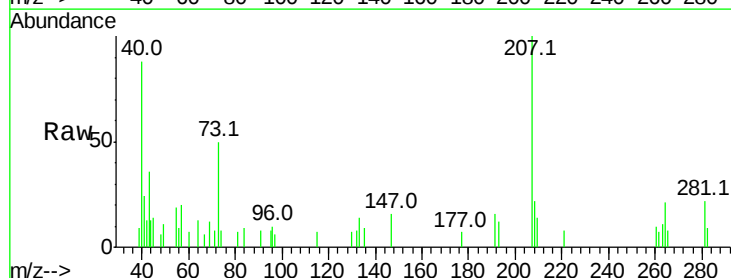
Tgt Ion:264 Resp: 1518

Ion Ratio Lower Upper

264 100

260 48.4 19.2 28.8#

265 37.8 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

