

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093398.D
 Acq On : 4 Mar 2017 11:11
 Operator : SJ/MA
 Sample : I2057-20 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18B-23

Quant Time: Mar 06 00:51:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Mar 05 23:55:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	203611	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	711949	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	273295	20.00	ng	0.01
63) Phenanthrene-d10	11.32	188	389343	20.00	ng	0.01
75) Chrysene-d12	13.96	240	344494	20.00	ng	0.01
86) Perylene-d12	15.39	264	291398	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	169740	14.30	ng	0.01
7) Phenol-d6	6.44	99	223058	14.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	132081	10.33	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	23895	12.09	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	213167	14.13	ng	0.00
78) Terphenyl-d14	12.90	244	115635	7.89	ng	0.01

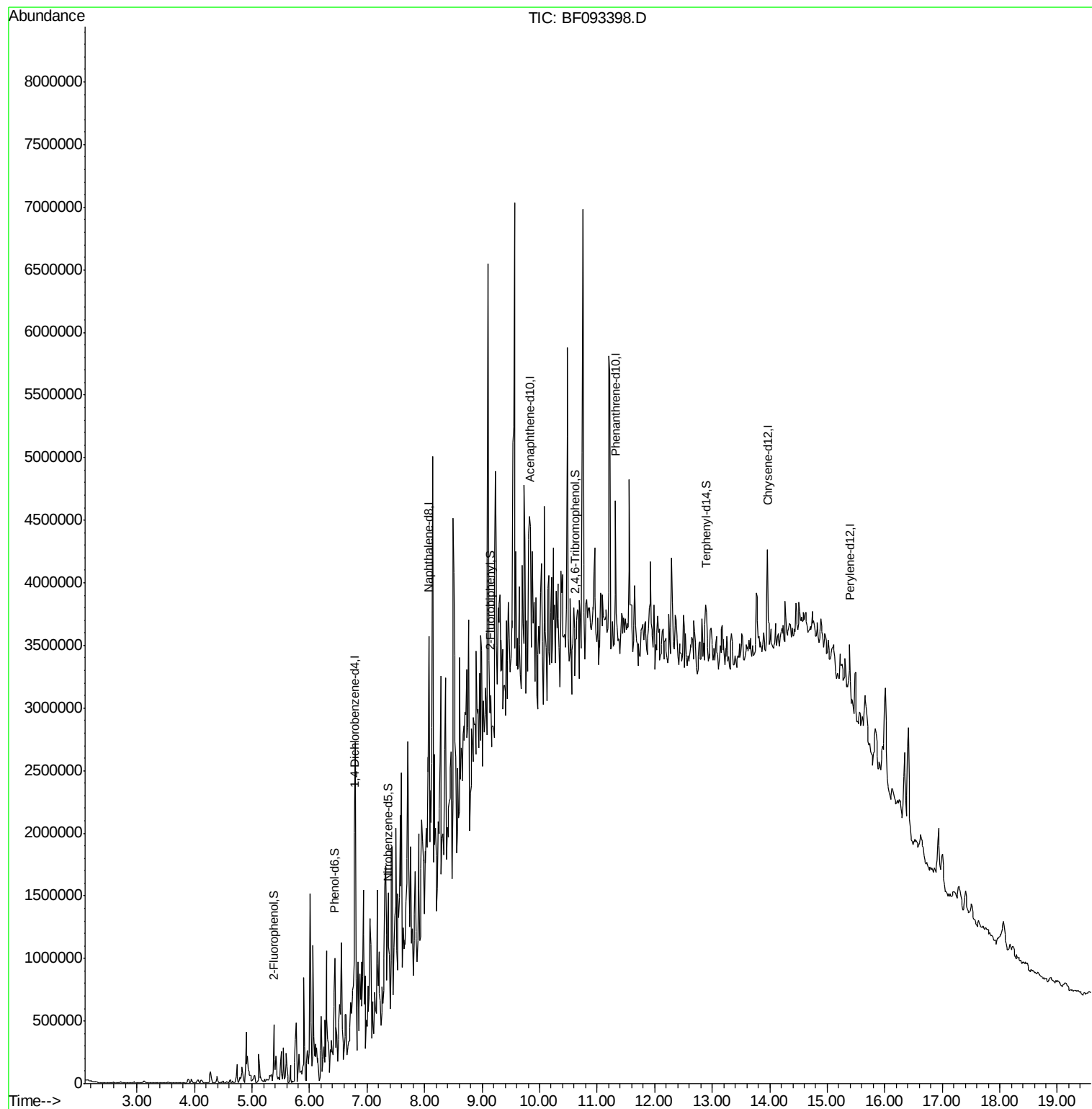
Target Compounds Qvalue

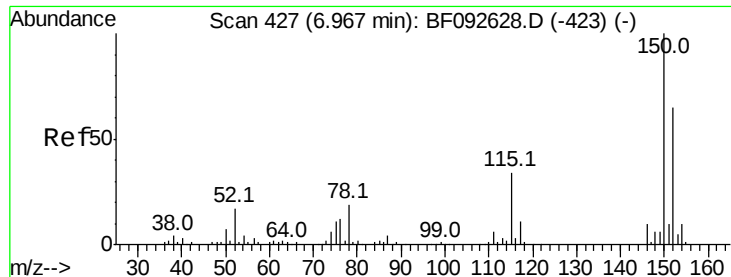
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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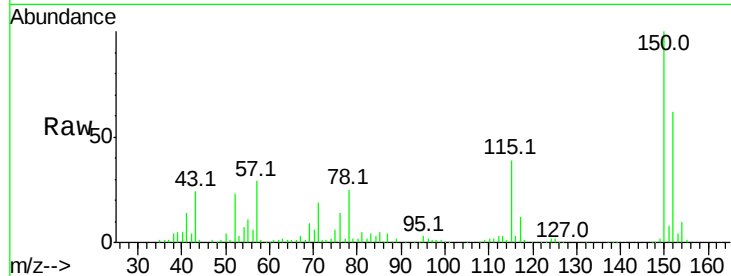


#1

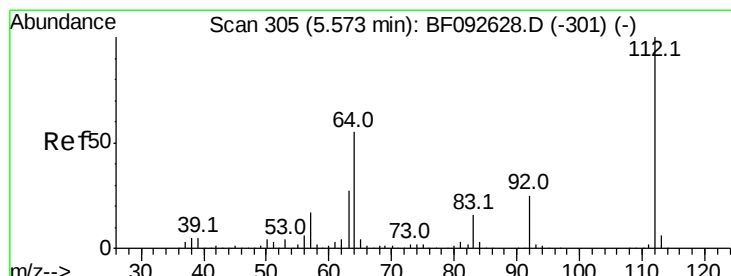
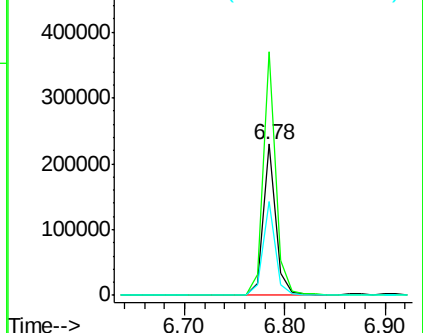
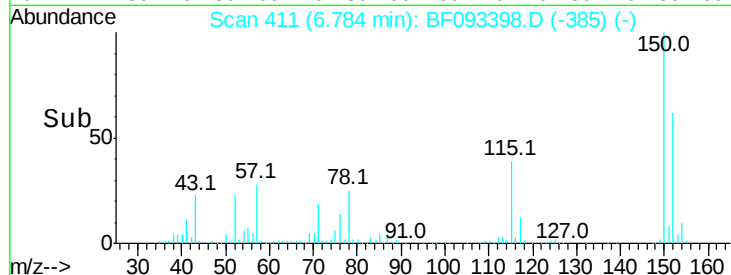
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF093398.D
 Acq: 4 Mar 2017 11:11

Instrument :
 BNA_F
 ClientSampled :
 18B-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.9	187.3
115	62.2	46.0	69.0



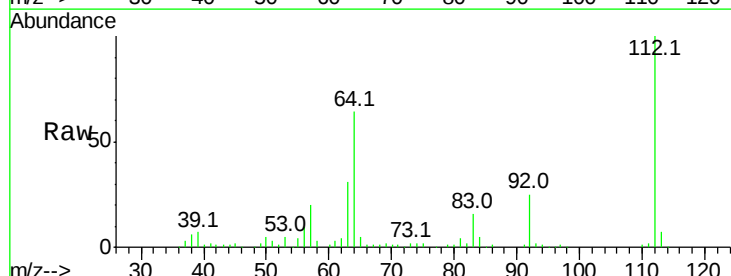
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



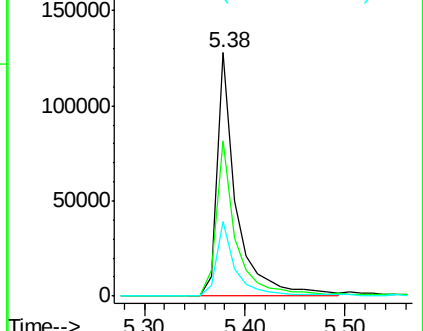
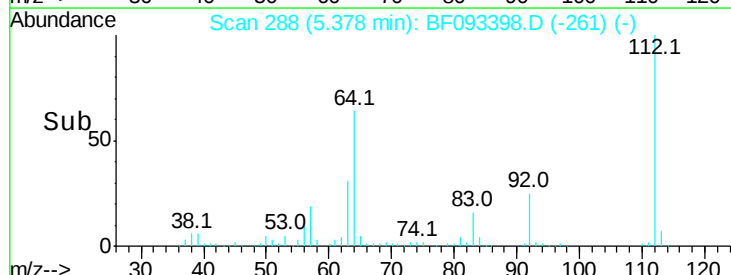
#5

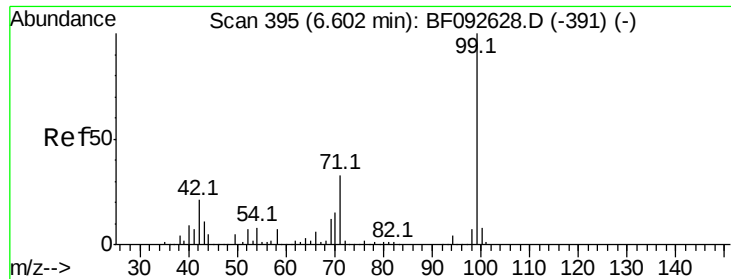
2-Fluorophenol
 Concen: 14.30 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF093398.D
 Acq: 4 Mar 2017 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.1	69.1
63	30.9	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: 14.61 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

Instrument :

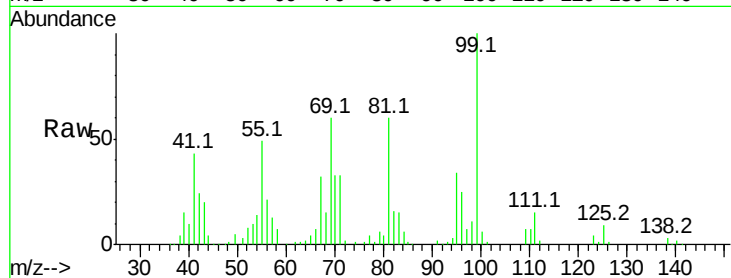
BNA_F

ClientSampleId :

18B-23

Tot Ion: 99 Resp: 223058

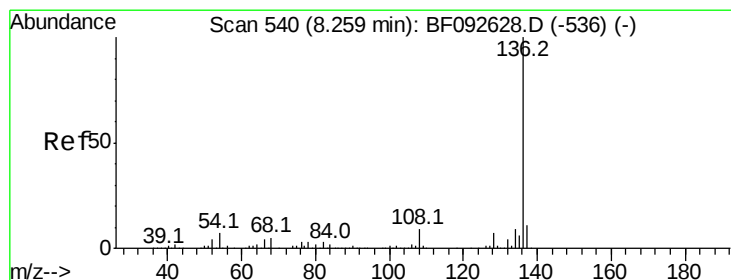
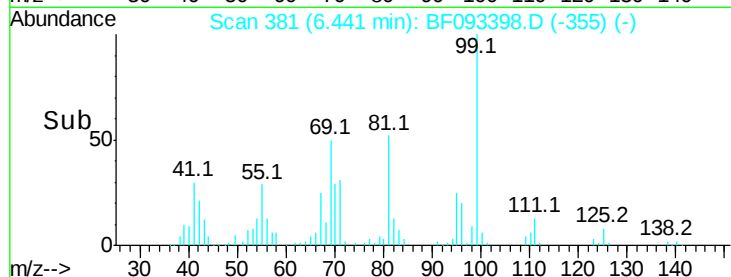
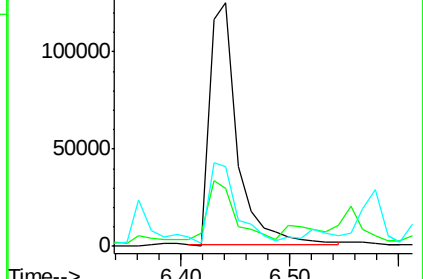
Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.6	23.4#
71	32.9	27.5	41.3



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: 8.08 min Scan# 524

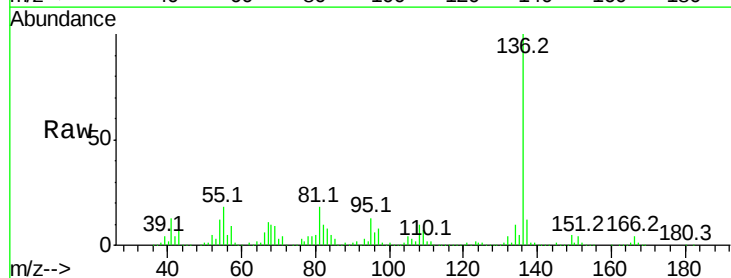
Delta R.T. -0.00 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

Tgt Ion:136 Resp: 711949

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.4	12.6
54	11.6	4.5	6.7#
68	9.5	3.6	5.4#

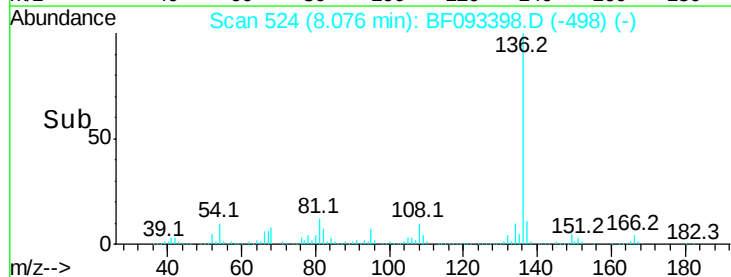
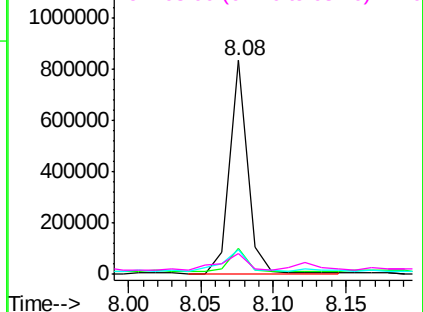


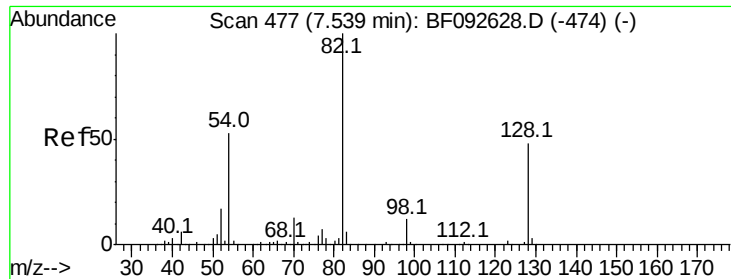
Abundance Ion 136.00 (135.70 to 136.70): E

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

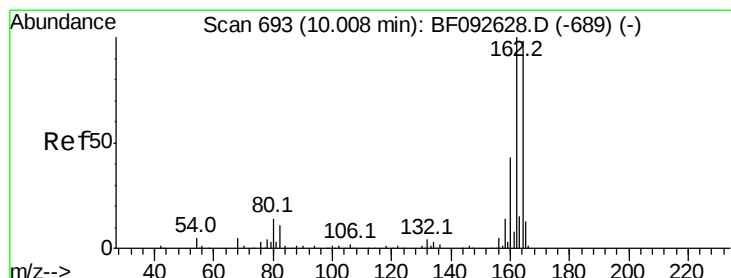
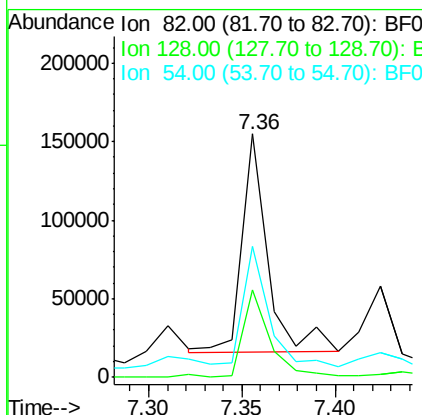
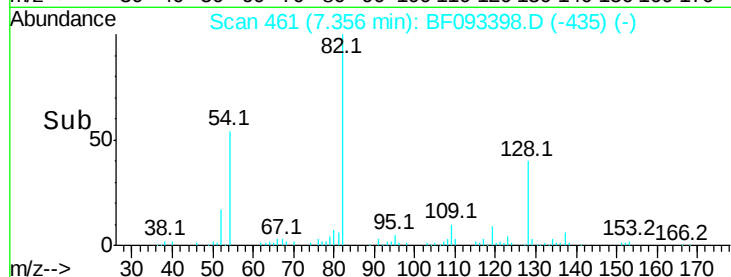
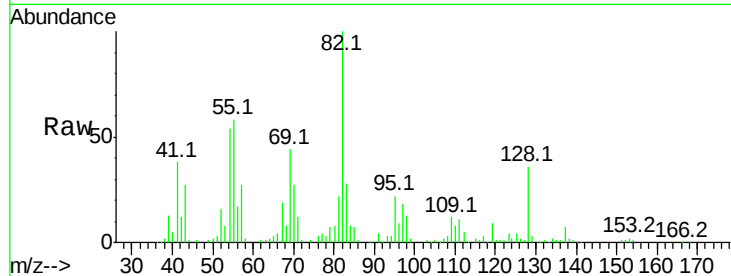




#23
Nitrobenzene-d5
Concen: 10.33 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF093398.D
Acq: 4 Mar 2017 11:11

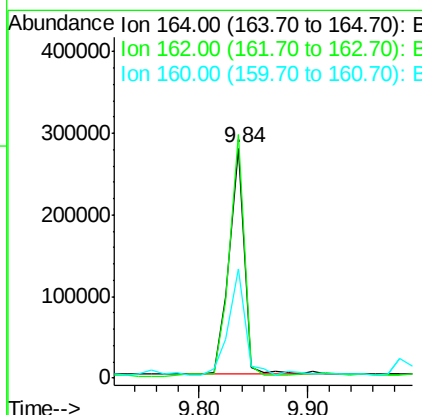
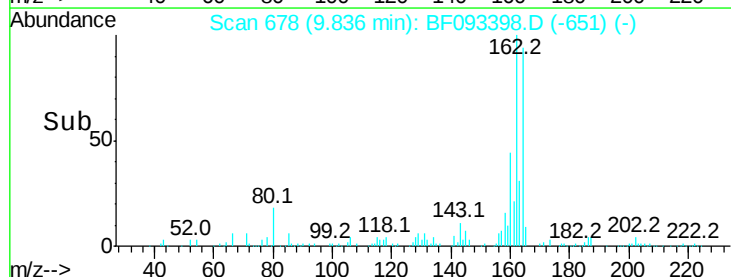
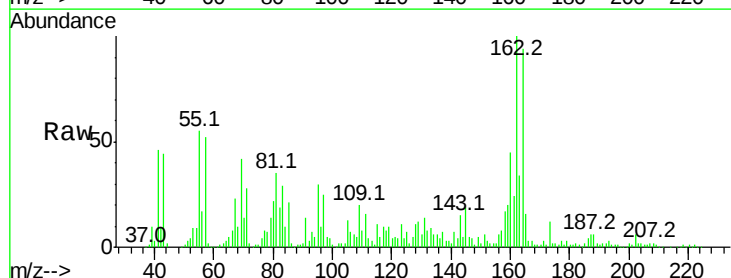
Instrument :
BNA_F
ClientSampleId :
18B-23

Tot Ion: 82 Resp: 132081
Ion Ratio Lower Upper
82 100
128 36.1 34.6 52.0
54 54.0 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF093398.D
Acq: 4 Mar 2017 11:11

Tgt Ion:164 Resp: 273295
Ion Ratio Lower Upper
164 100
162 106.0 80.2 120.2
160 47.3 36.9 55.3

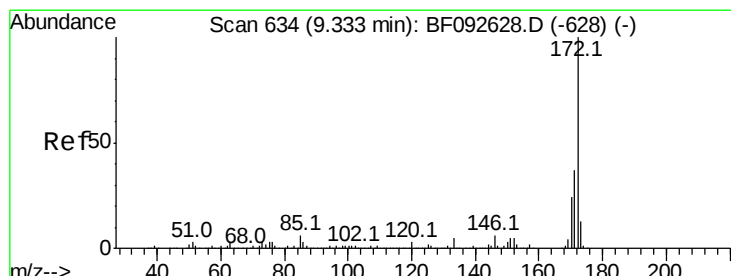
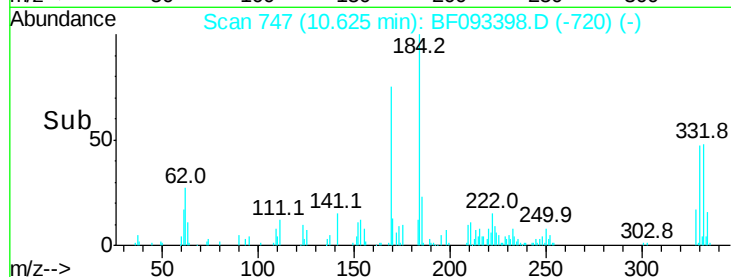
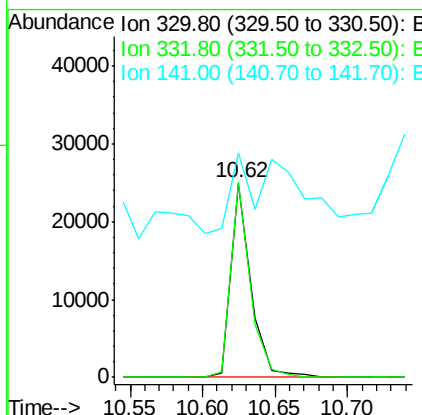
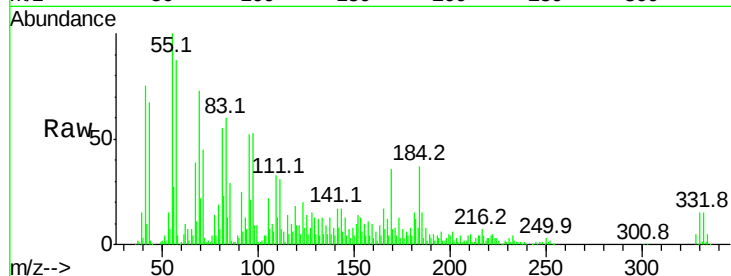




#41
 2,4,6-Tribromophenol
 Concen: 12.09 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093398.D
 Acq: 4 Mar 2017 11:11

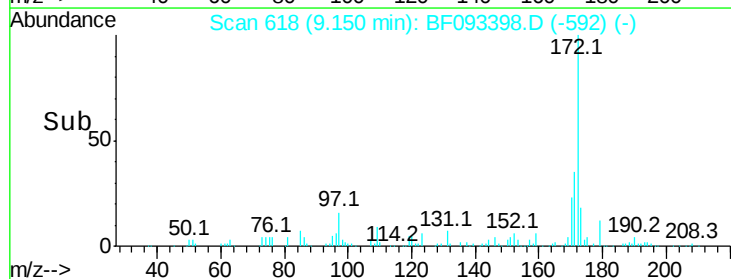
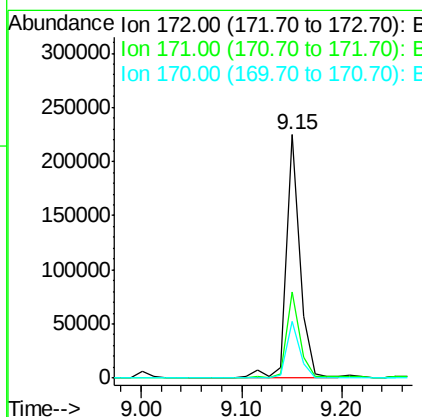
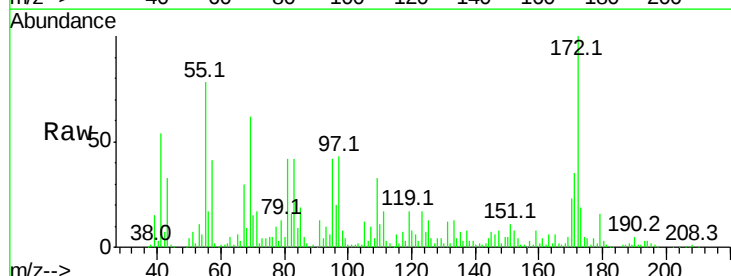
Instrument :
 BNA_F
 ClientSampled :
 18B-23

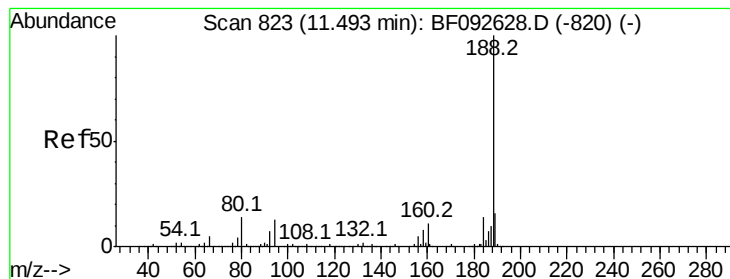
Tot Ion:330 Resp: 23895
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 122.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 14.13 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093398.D
 Acq: 4 Mar 2017 11:11

Tgt Ion:172 Resp: 213167
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.4 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

Instrument :

BNA_F

ClientSampleId :

18B-23

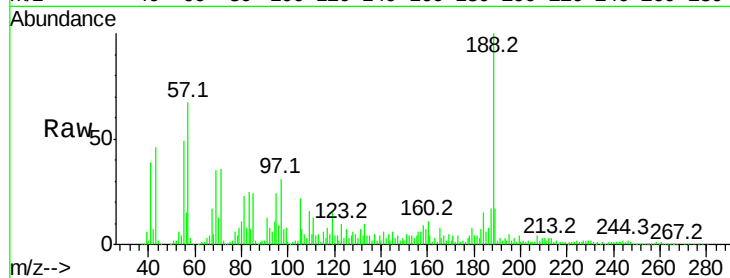
Tot Ion:188 Resp: 389343

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

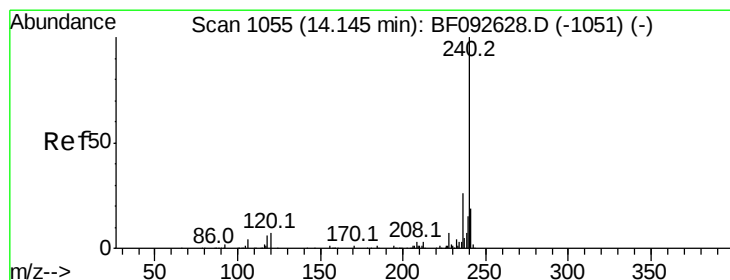
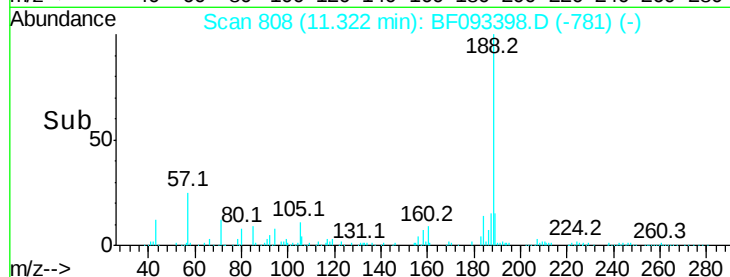
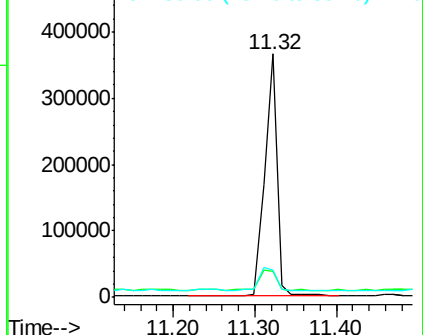
80 11.0 11.2 16.8#



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: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

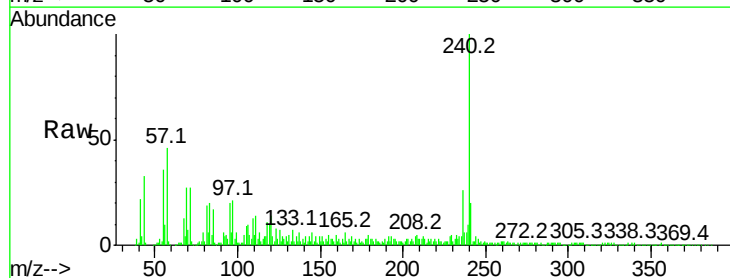
Tgt Ion:240 Resp: 344494

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

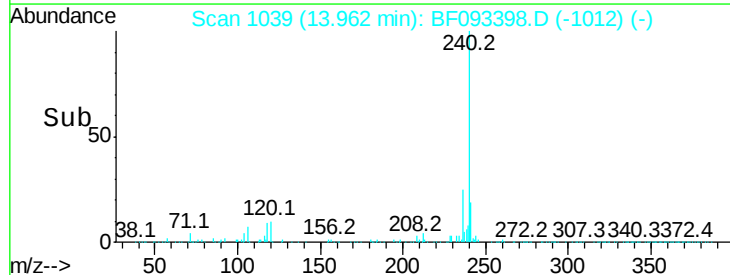
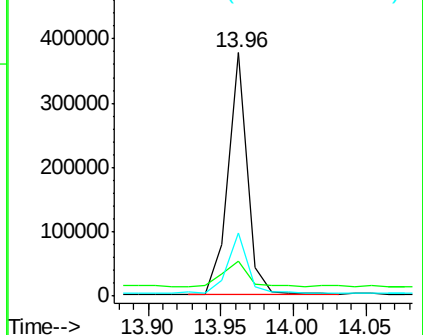
236 26.0 20.9 31.3

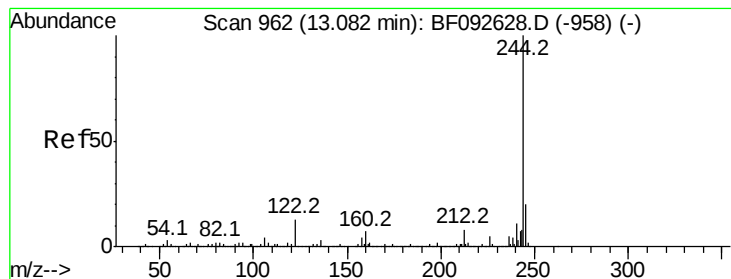


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.89 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

Instrument :

BNA_F

ClientSampleId :

18B-23

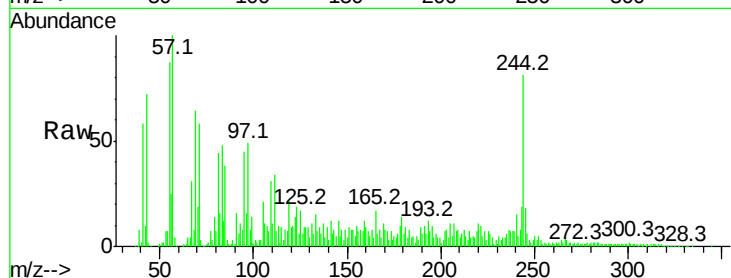
Tot Ion:244 Resp: 115635

Ion Ratio Lower Upper

244 100

212 9.9 6.2 9.2#

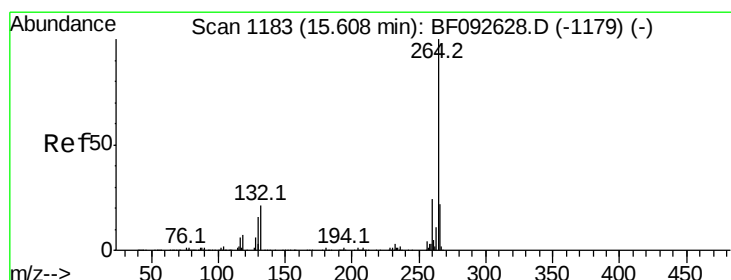
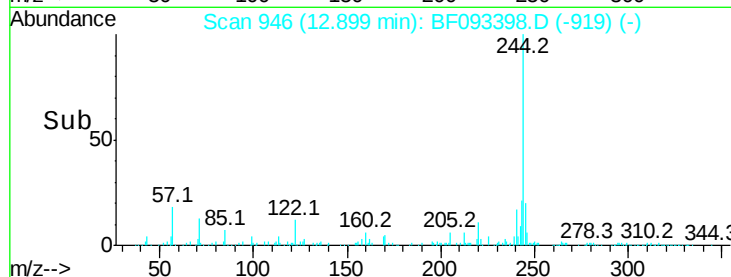
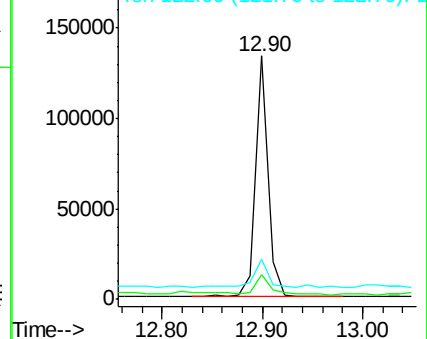
122 16.7 11.4 17.2



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. 0.03 min

Lab File: BF093398.D

Acq: 4 Mar 2017 11:11

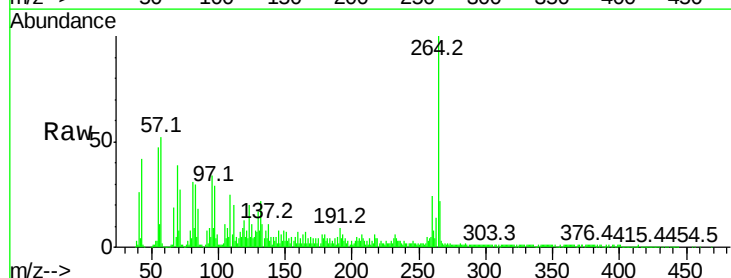
Tgt Ion:264 Resp: 291398

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.4 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

