

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092680.D
 Acq On : 31 Jan 2017 14:38
 Operator : SJ/MA
 Sample : PB96532TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

Quant Time: Jan 31 17:08:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167407	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	670766	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	359103	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	648832	20.00	ng	0.00
75) Chrysene-d12	14.13	240	522251	20.00	ng	-0.01
86) Perylene-d12	15.60	264	365293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1260861	129.22	ng	0.00
7) Phenol-d6	6.59	99	1430033	113.90	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1059369	87.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	316873	122.00	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1851651	93.42	ng	-0.01
78) Terphenyl-d14	13.08	244	1493873	67.21	ng	0.00

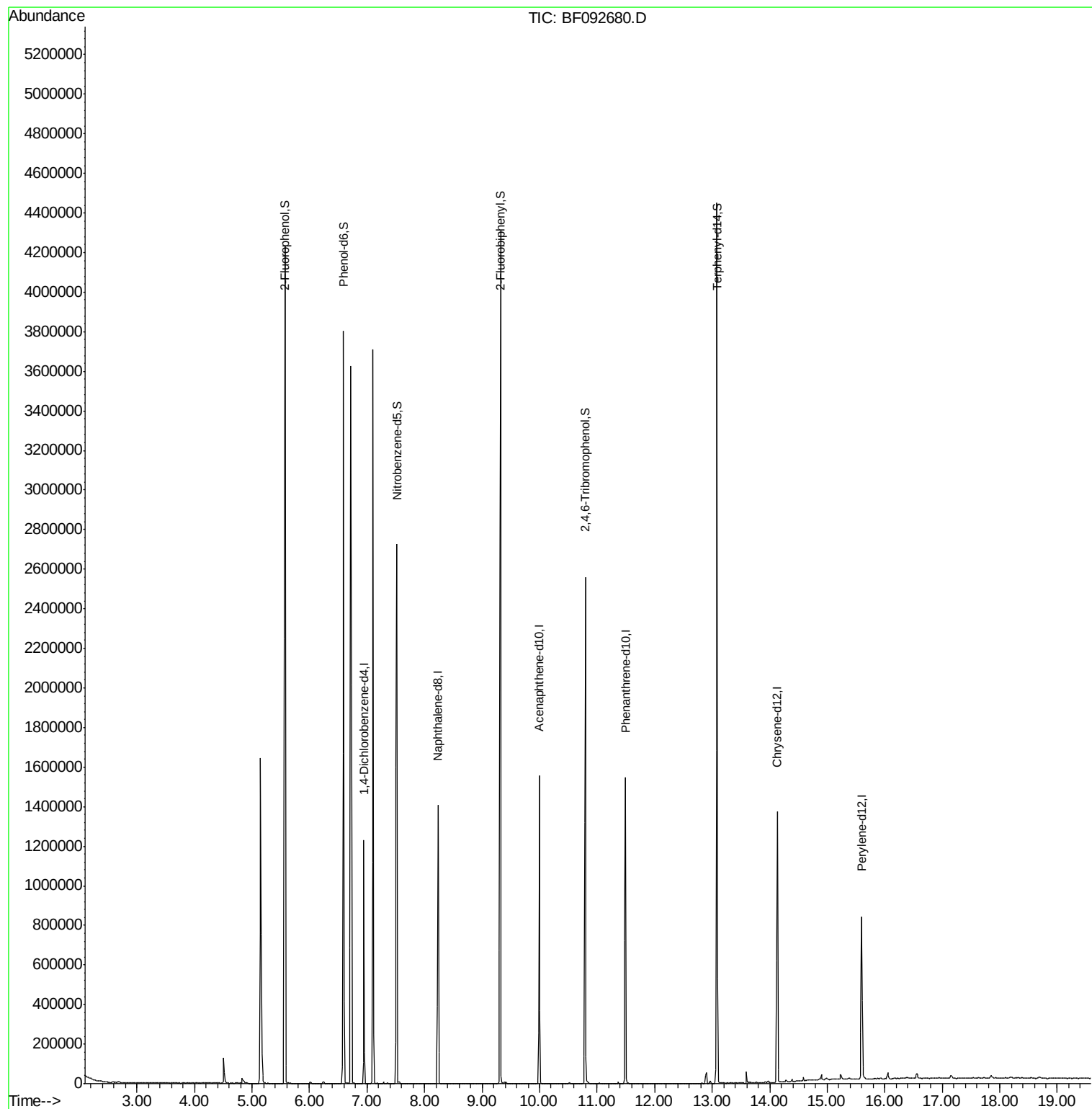
Target Compounds Qvalue

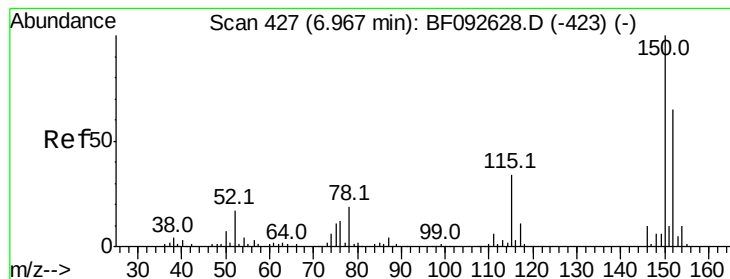
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB96532TB

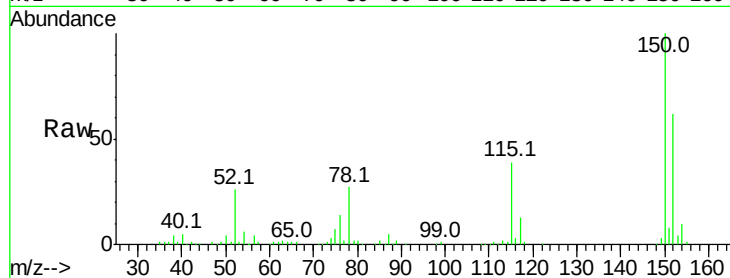
Tot Ion:152 Resp: 167407

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

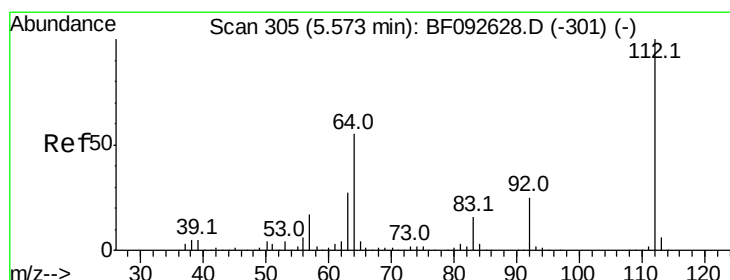
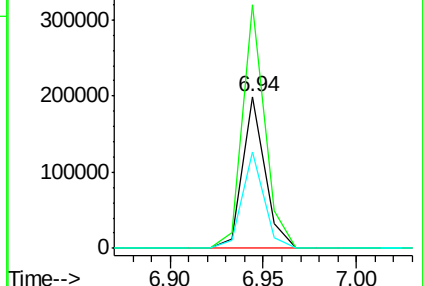
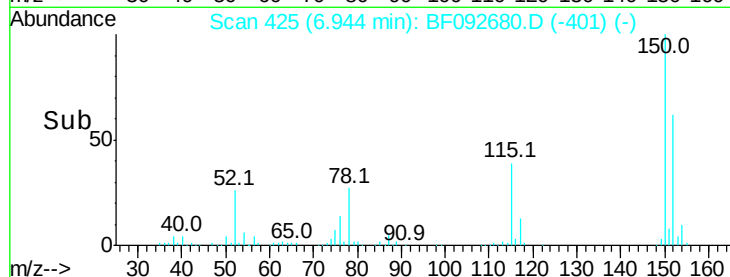
115 63.1 46.0 69.0



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: 129.22 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

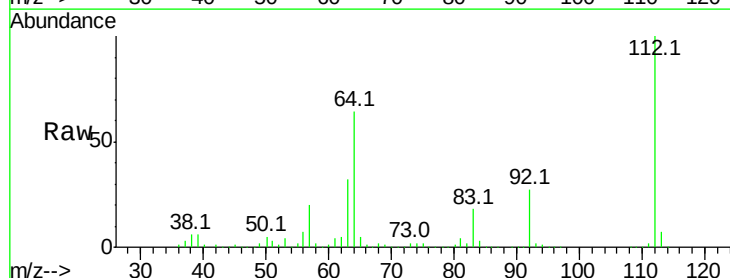
Tgt Ion:112 Resp: 1260861

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

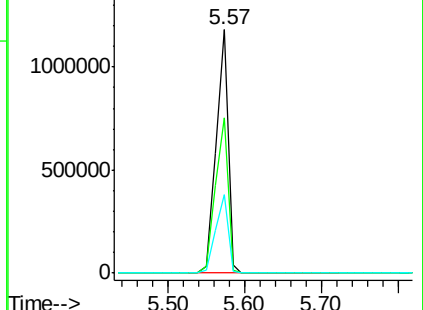
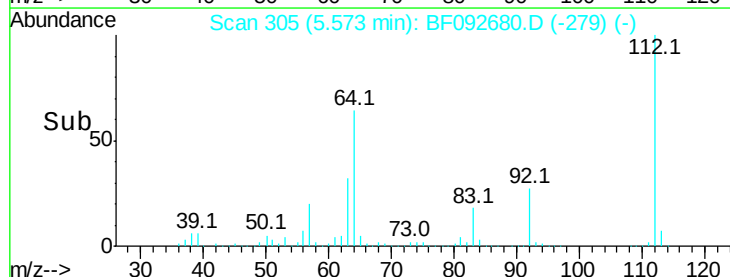
63 32.5 23.8 35.6

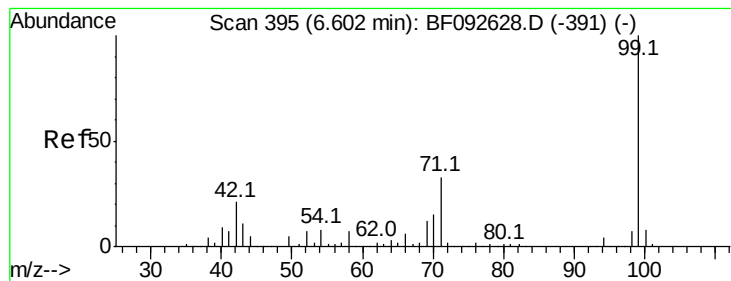


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.90 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

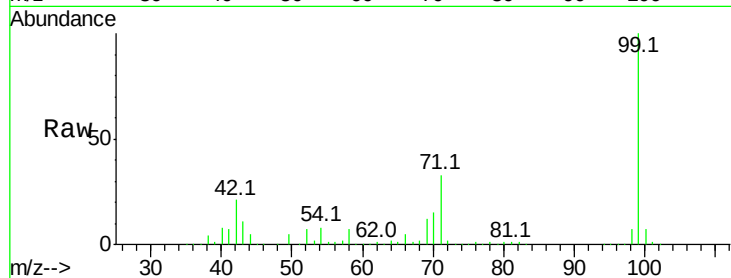
BNA_F

ClientSampleId :

PB96532TB

Tot Ion: 99 Resp: 1430033

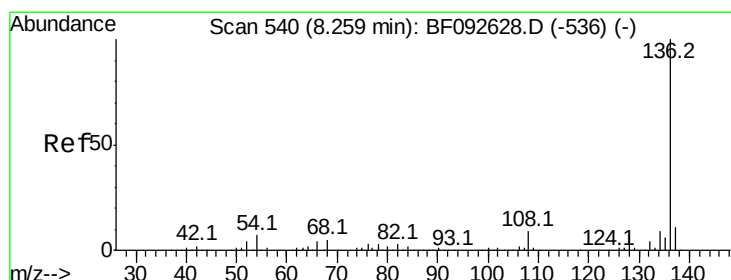
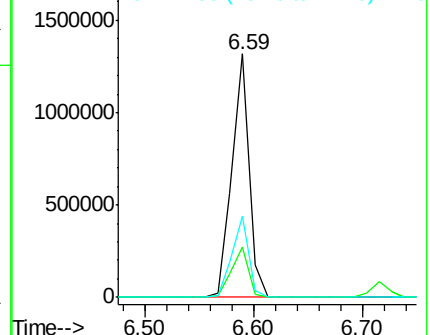
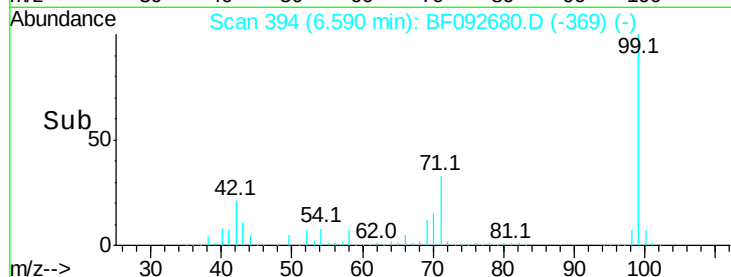
Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.6	23.4
71	33.4	27.5	41.3



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: 8.24 min Scan# 538

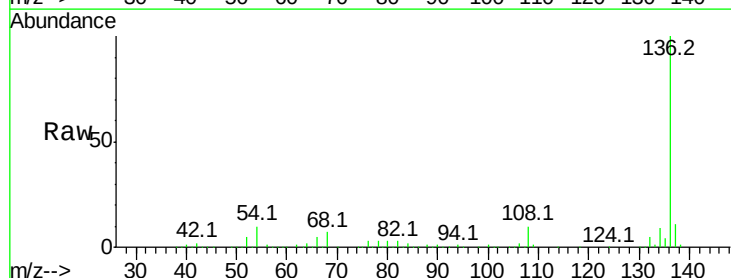
Delta R.T. -0.02 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Tgt Ion:136 Resp: 670766

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.8	4.5	6.7#
68	6.6	3.6	5.4#

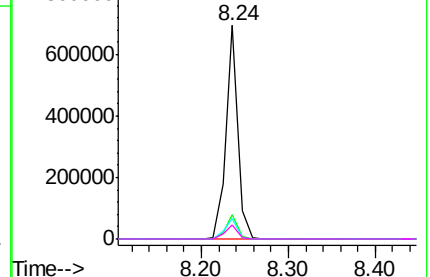
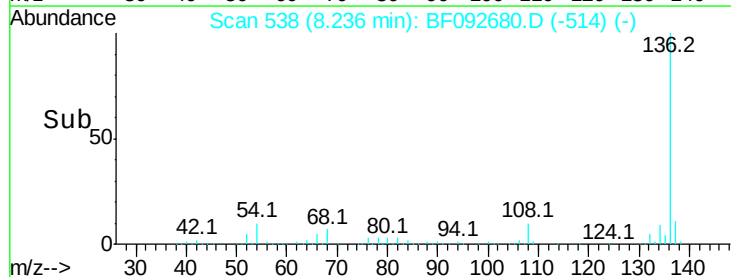


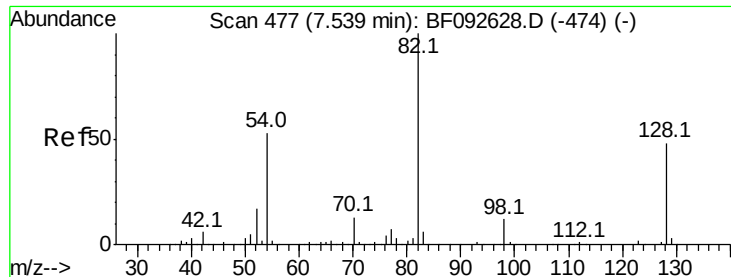
Abundance Ion 136.00 (135.70 to 136.70): E

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



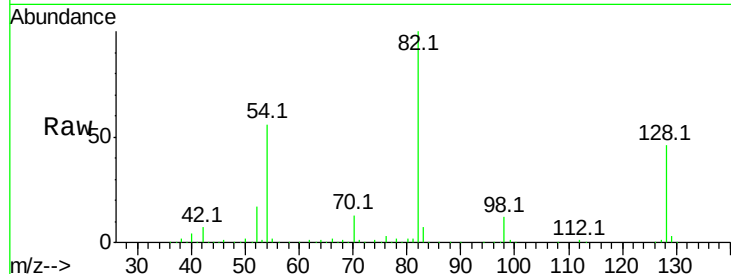


#23
 Nitrobenzene-d5
 Concen: 87.95 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

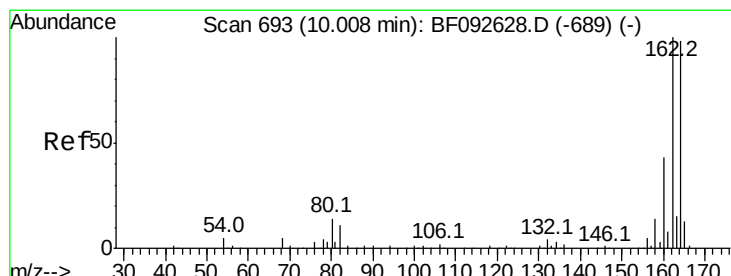
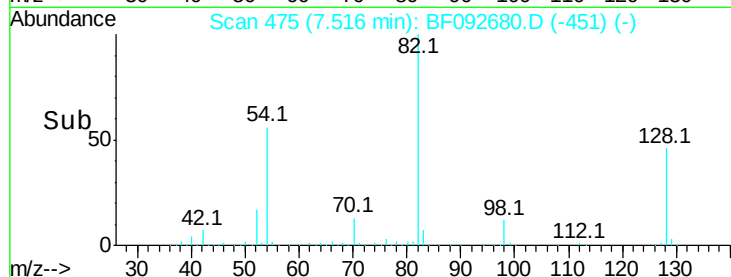
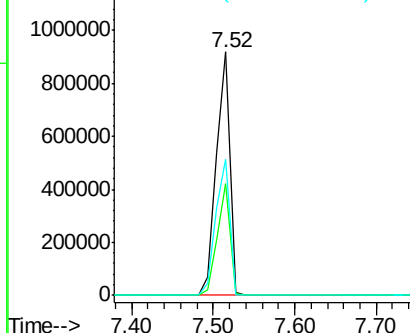
Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

Tot Ion: 82 Resp: 1059369

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.6	52.0
54	55.8	39.5	59.3



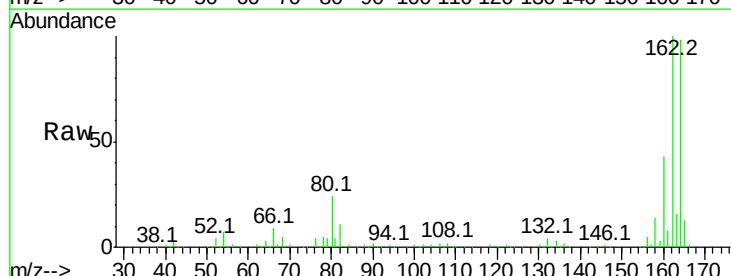
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



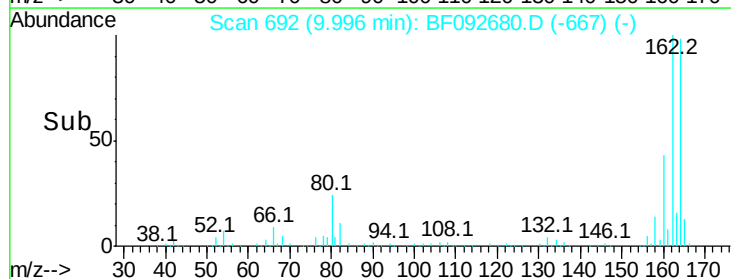
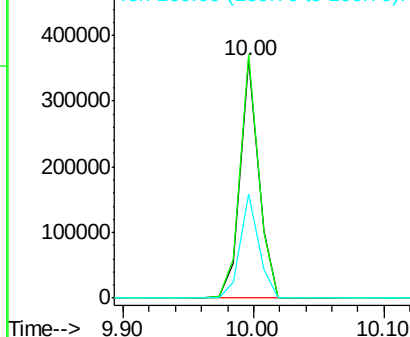
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

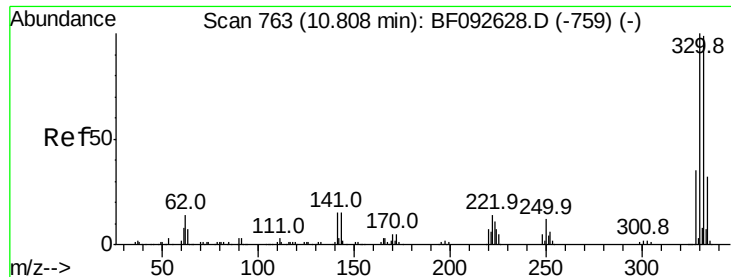
Tgt Ion: 164 Resp: 359103

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.8	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

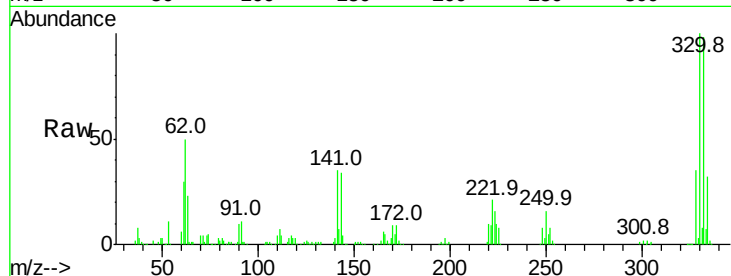




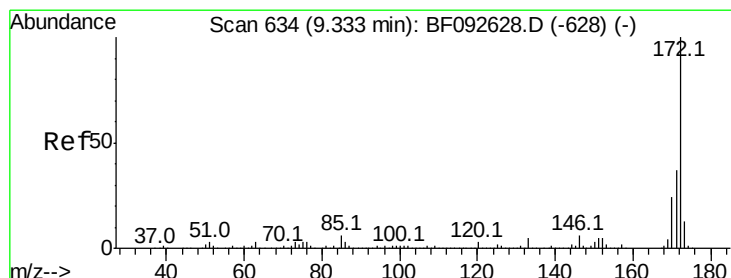
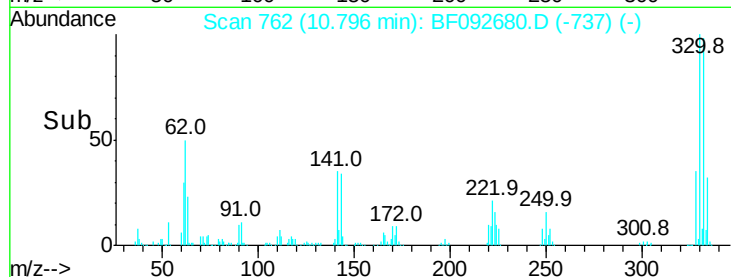
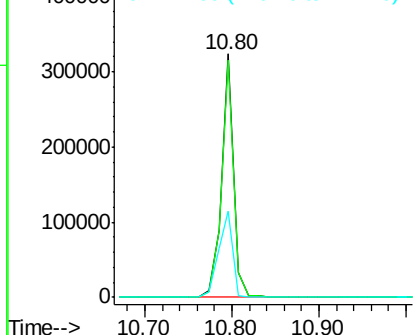
#41
 2,4,6-Tribromophenol
 Concen: 122.00 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96532TB

Tot Ion:330 Resp: 316873
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 41.5 34.1 51.1

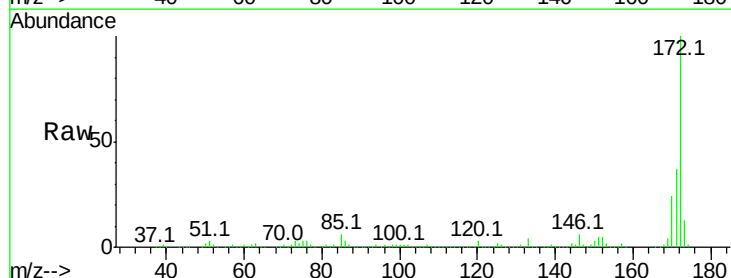


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

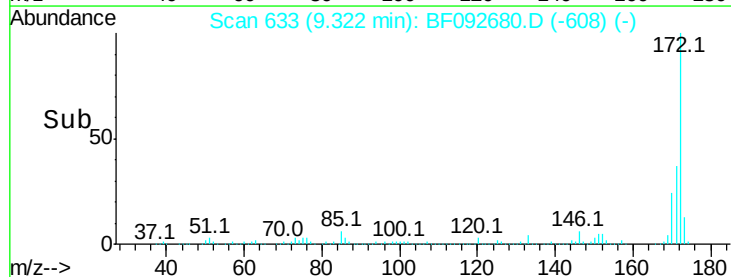
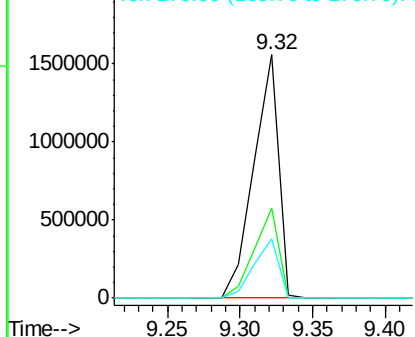


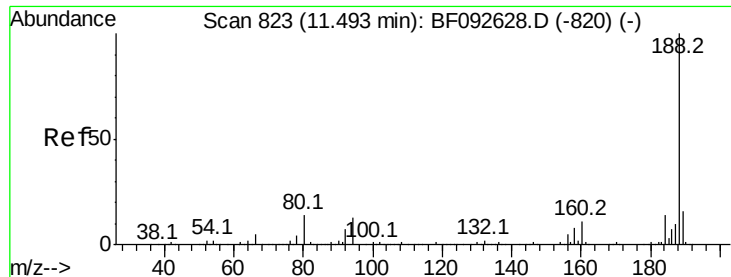
#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092680.D
 Acq: 31 Jan 2017 14:38

Tgt Ion:172 Resp: 1851651
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.1 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

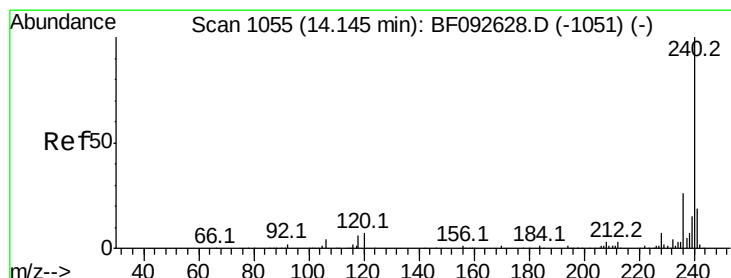
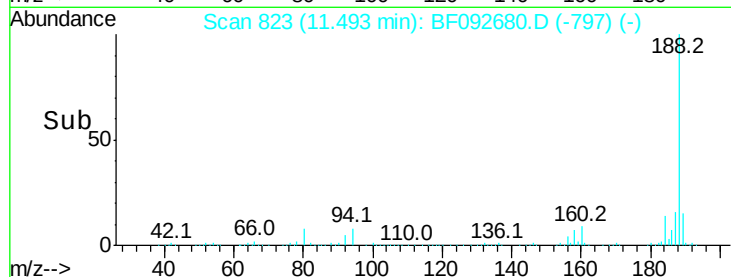
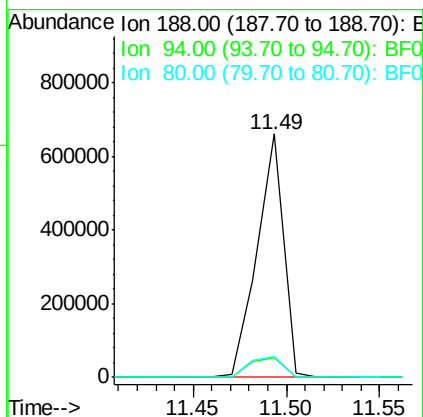
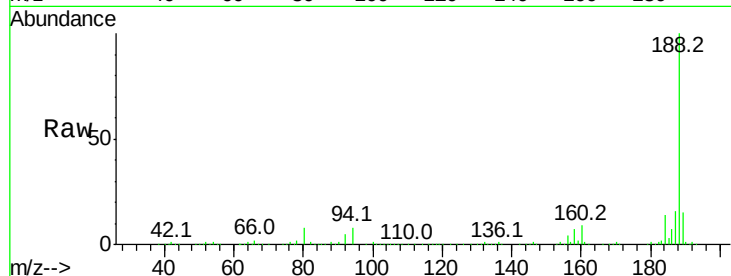




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

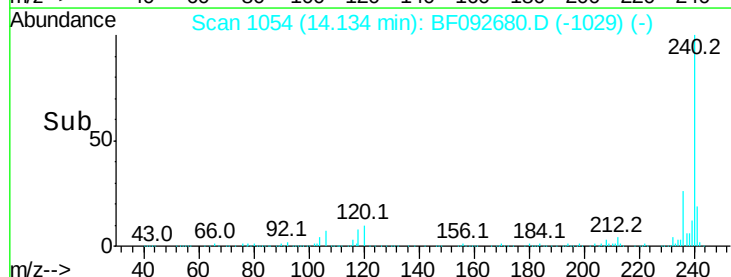
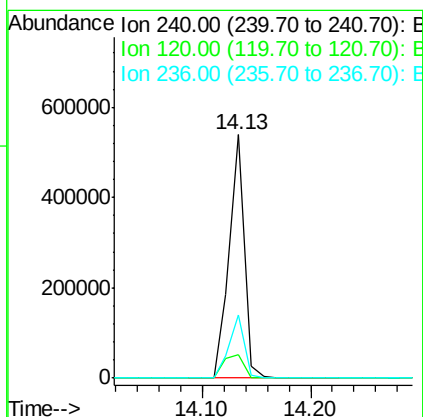
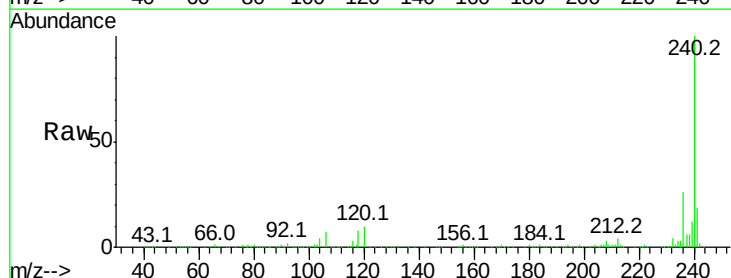
Instrument :
BNA_F
ClientSampleId :
PB96532TB

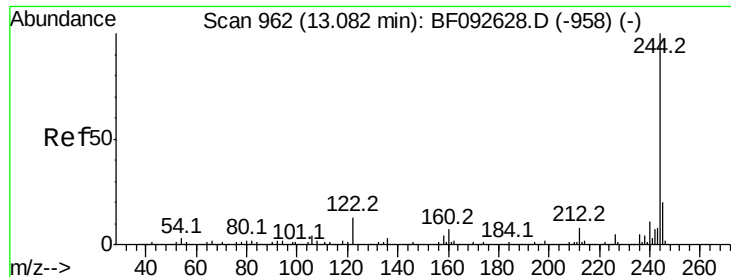
Tot Ion:188 Resp: 648832
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092680.D
Acq: 31 Jan 2017 14:38

Tgt Ion:240 Resp: 522251
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 67.21 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB96532TB

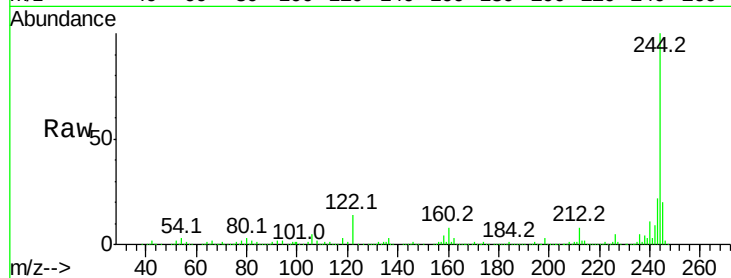
Tot Ion:244 Resp: 1493873

Ion Ratio Lower Upper

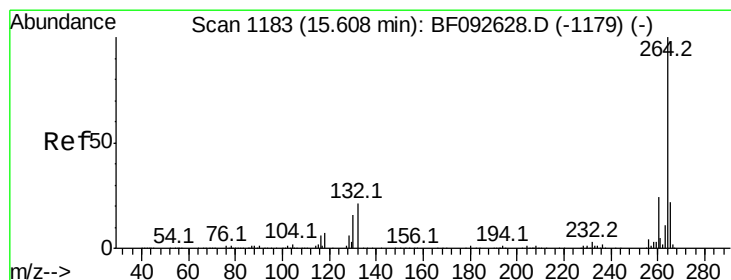
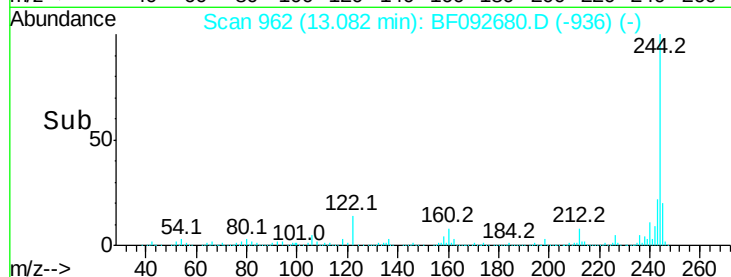
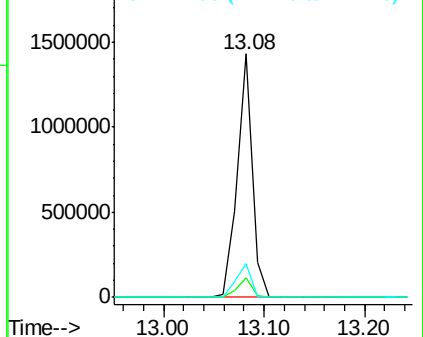
244 100

212 7.8 6.2 9.2

122 13.6 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: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092680.D

Acq: 31 Jan 2017 14:38

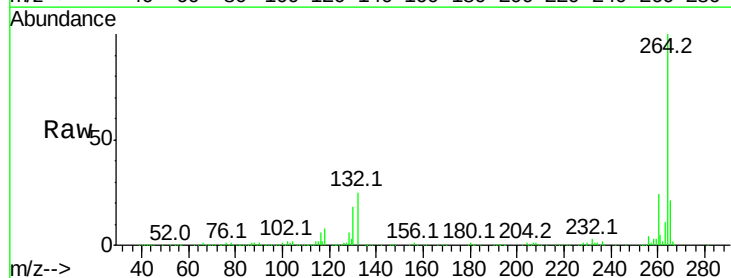
Tgt Ion:264 Resp: 365293

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

