

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092685.D
 Acq On : 31 Jan 2017 17:12
 Operator : SJ/MA
 Sample : PB96561TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96561TB

Quant Time: Jan 31 17:45:15 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	168377	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	636410	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	334682	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	553578	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	521154	20.00	ng	-0.02
86) Perylene-d12	15.60	264	461548	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1229018	125.23	ng	-0.01
7) Phenol-d6	6.59	99	1559062	123.46	ng	-0.01
23) Nitrobenzene-d5	7.52	82	945177	82.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	290683	120.09	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1658884	89.80	ng	-0.01
78) Terphenyl-d14	13.08	244	1660666	74.87	ng	0.00

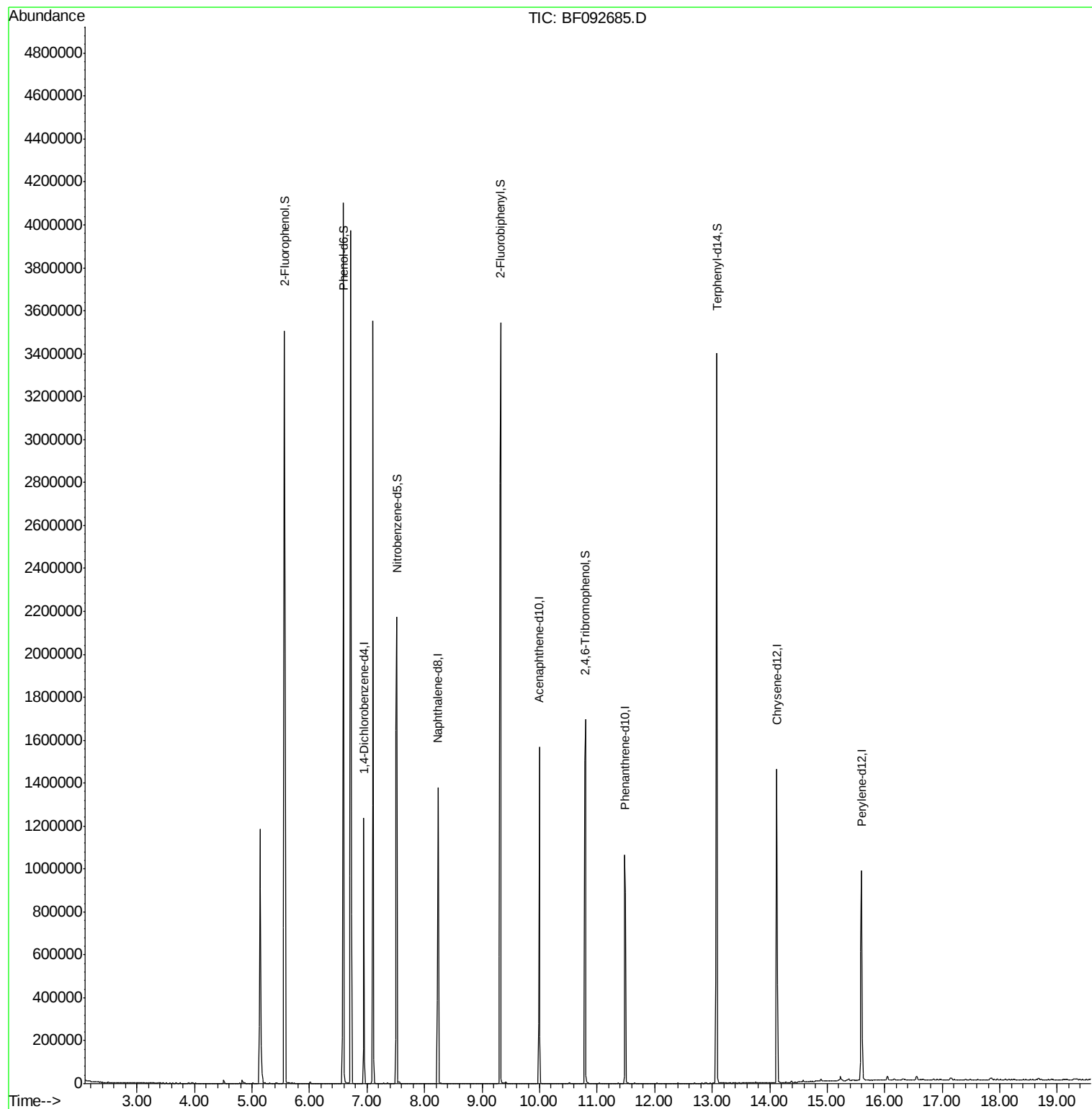
Target Compounds Qvalue

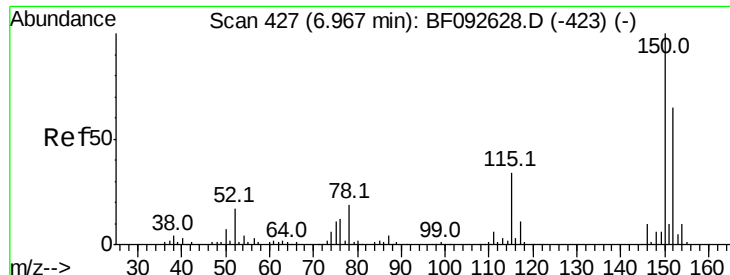
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092685.D

Acq: 31 Jan 2017 17:12

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BNA_F

ClientSampleId :

PB96561TB

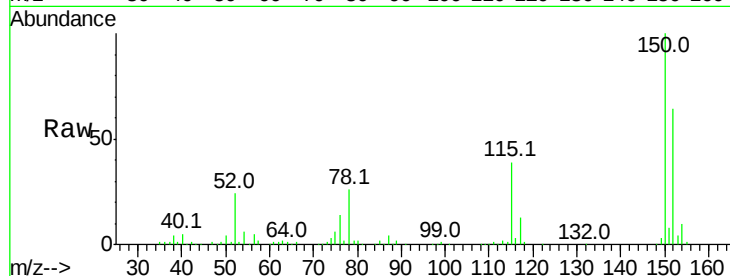
Tot Ion:152 Resp: 168377

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

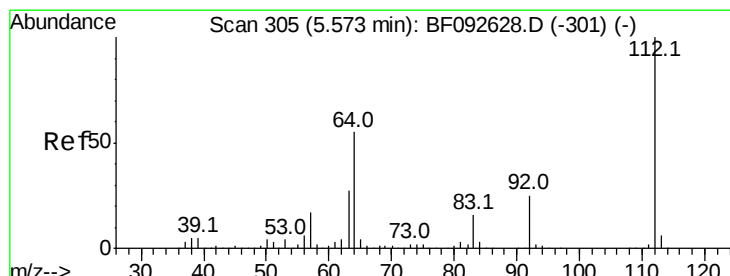
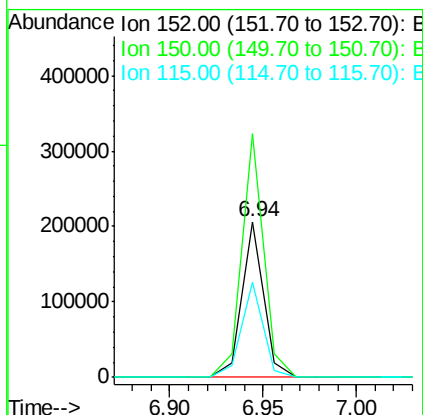
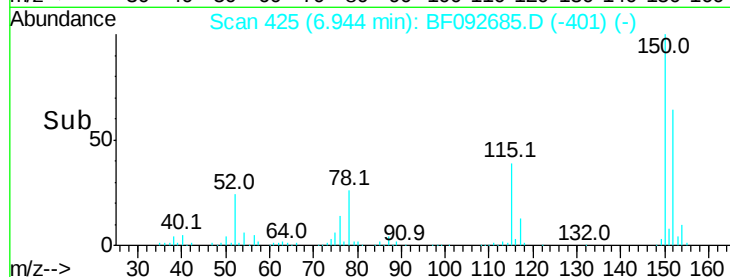
115 61.0 46.0 69.0



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: 125.23 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092685.D

Acq: 31 Jan 2017 17:12

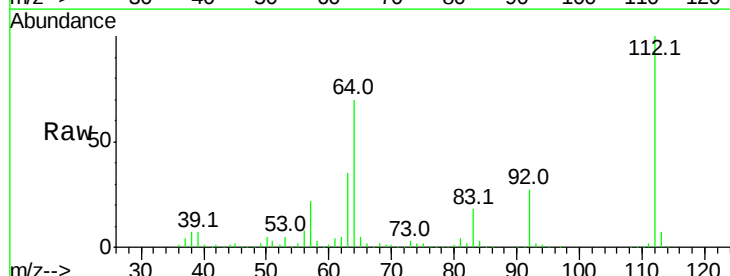
Tgt Ion:112 Resp: 1229018

Ion Ratio Lower Upper

112 100

64 69.8 46.1 69.1#

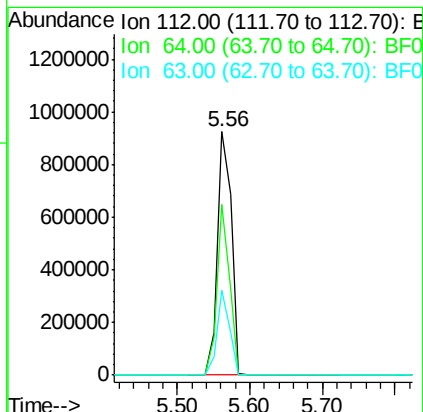
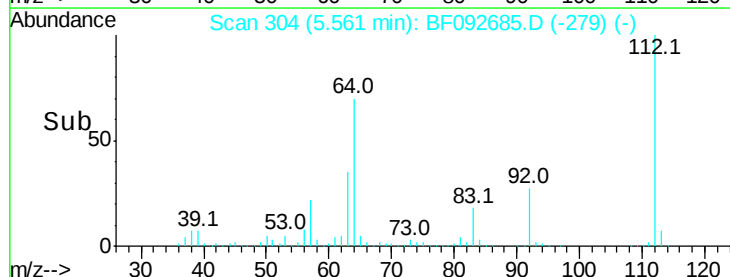
63 34.9 23.8 35.6



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: 123.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092685.D

Acq: 31 Jan 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB96561TB

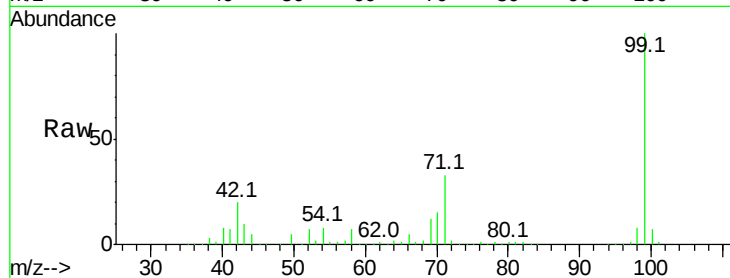
Tot Ion: 99 Resp: 1559062

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

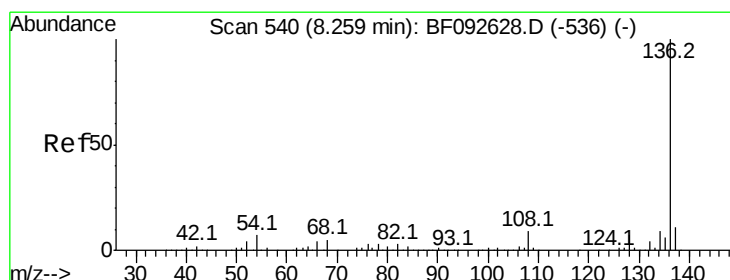
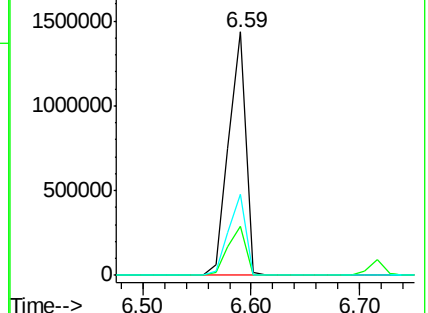
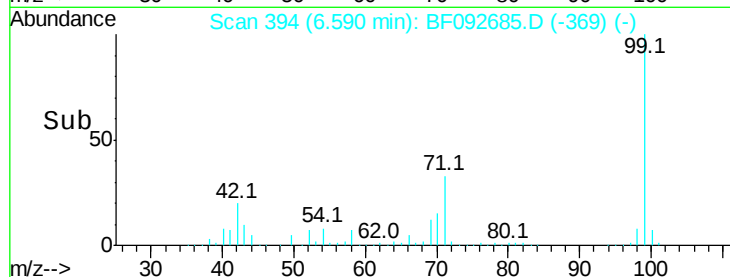
71 33.2 27.5 41.3



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: BF092685.D

Acq: 31 Jan 2017 17:12

Tgt Ion:136 Resp: 636410

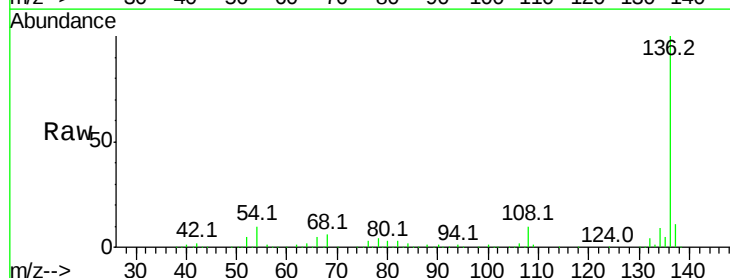
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.6 4.5 6.7#

68 6.2 3.6 5.4#

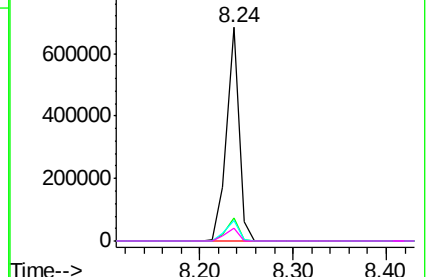
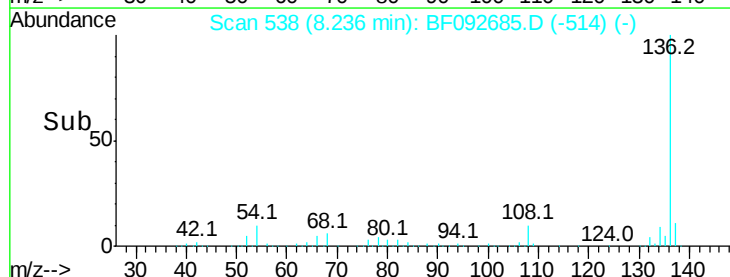


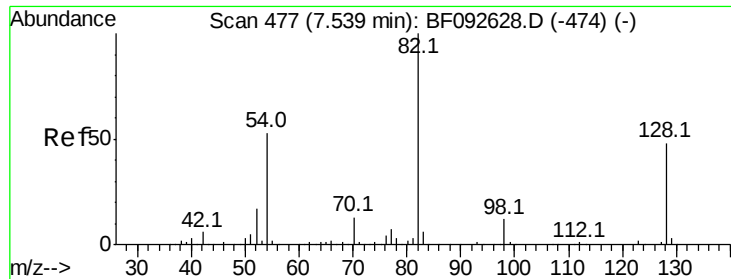
Abundance Ion 136.00 (135.70 to 136.70): E

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

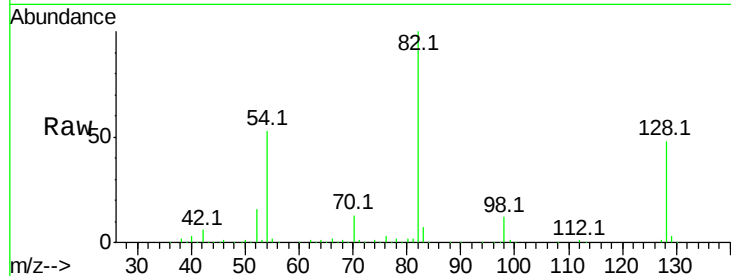




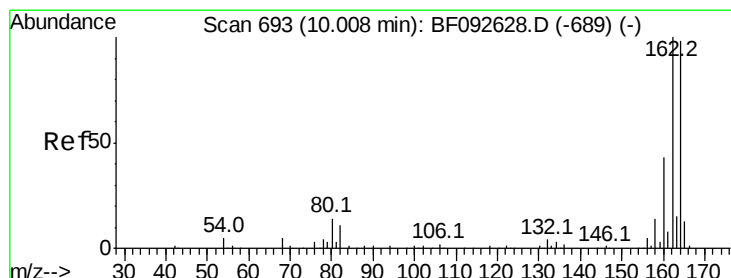
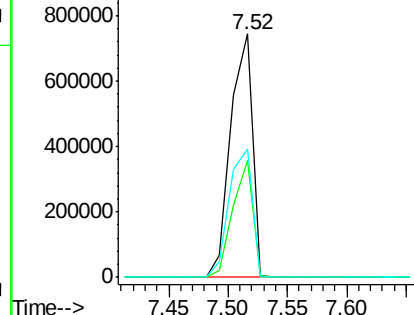
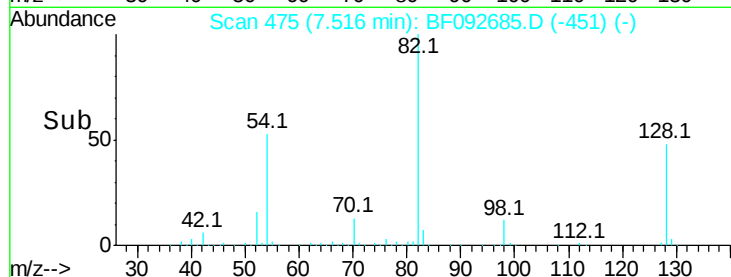
#23
Nitrobenzene-d5
Concen: 82.71 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092685.D
Acq: 31 Jan 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96561TB

Tot Ion	82	Resp	945177
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.6	52.0
54	52.8	39.5	59.3

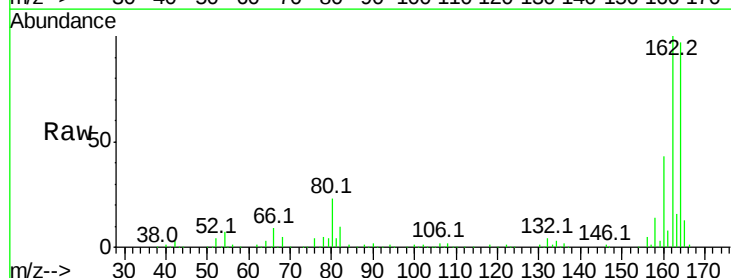


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

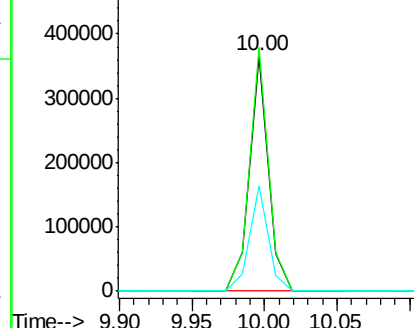
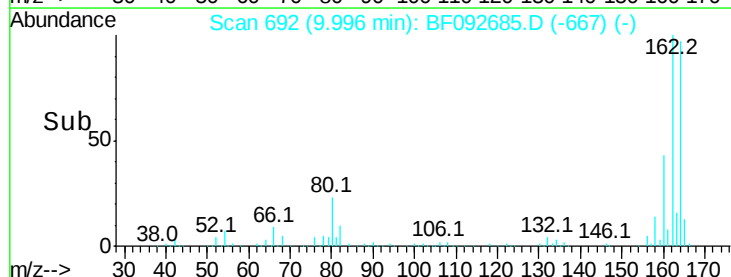


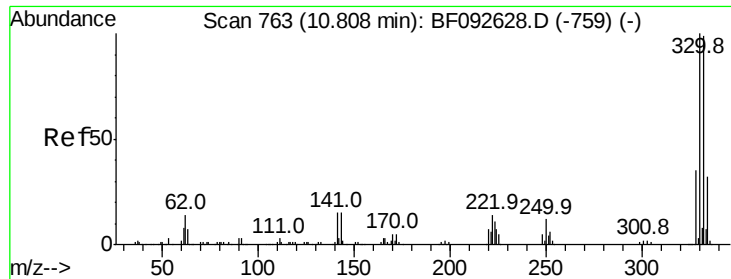
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092685.D
Acq: 31 Jan 2017 17:12

Tgt Ion	164	Resp	334682
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.2	120.2
160	44.9	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

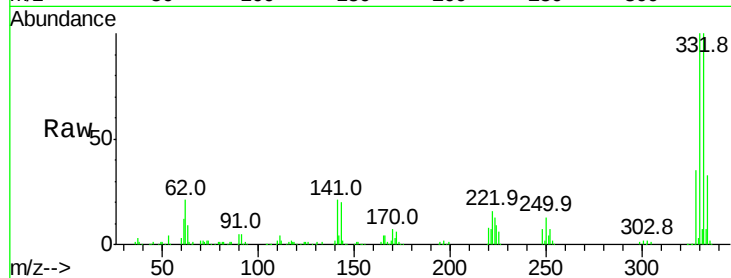




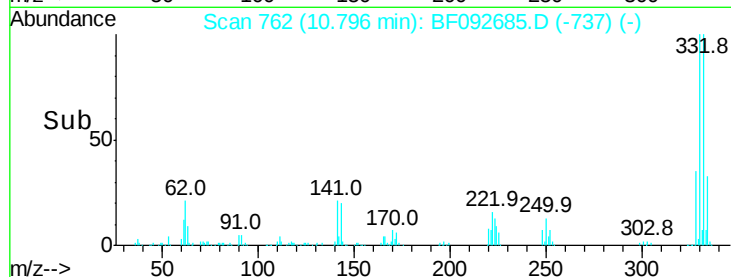
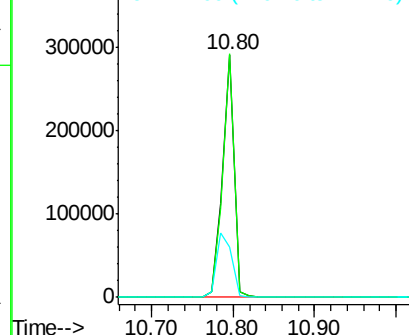
#41
 2,4,6-Tribromophenol
 Concen: 120.09 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092685.D
 Acq: 31 Jan 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96561TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	34.8	34.1	51.1

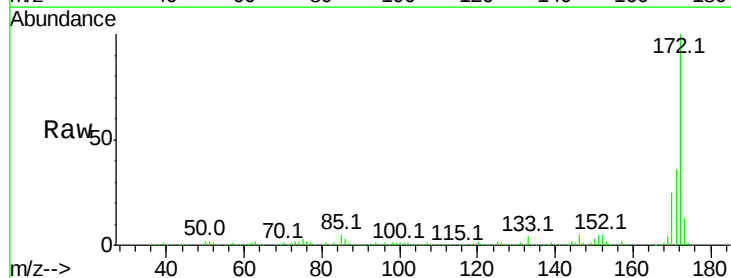


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

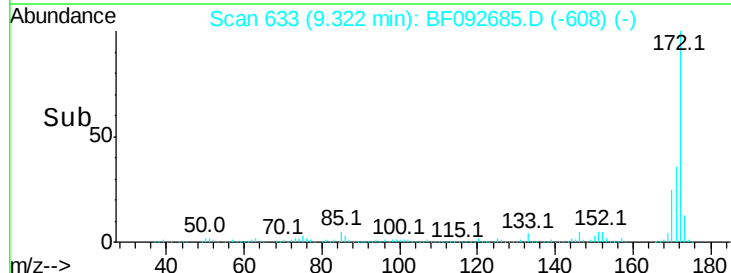
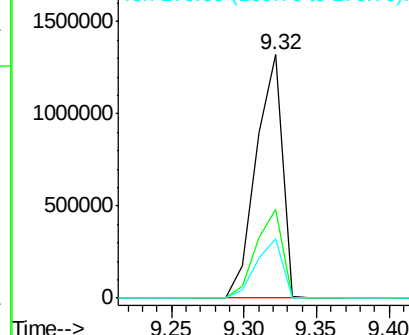


#44
 2-Fluorobiphenyl
 Concen: 89.80 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092685.D
 Acq: 31 Jan 2017 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	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

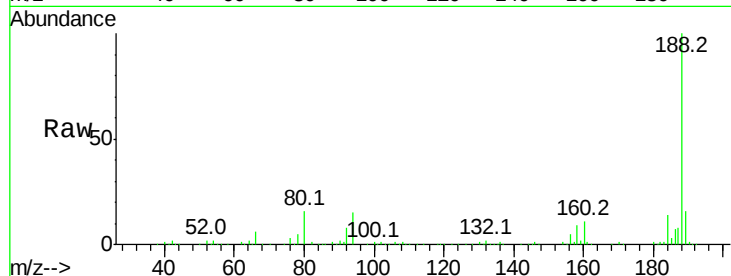




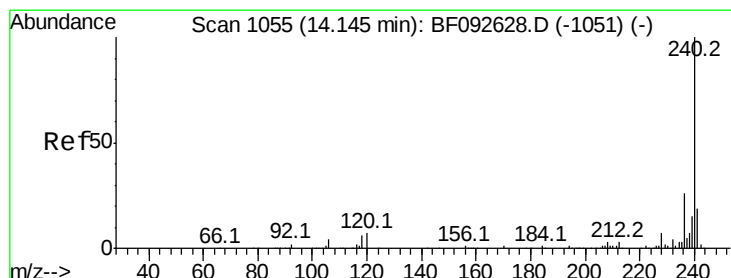
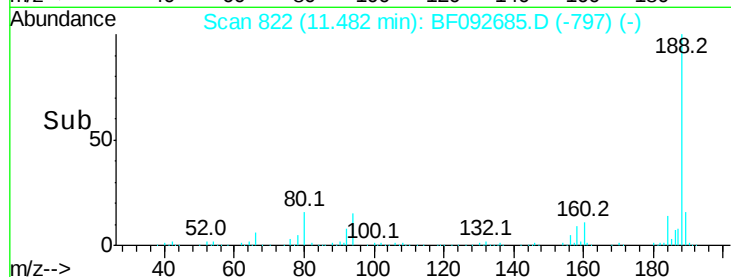
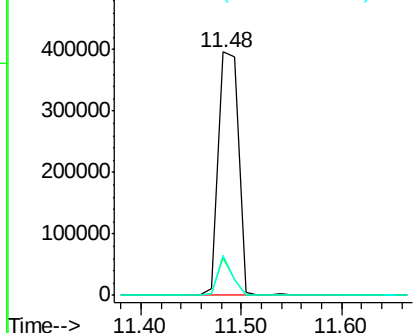
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092685.D
Acq: 31 Jan 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB96561TB

Tot Ion:188 Resp: 553578
Ion Ratio Lower Upper
188 100
94 15.2 10.0 15.0#
80 16.4 11.2 16.8

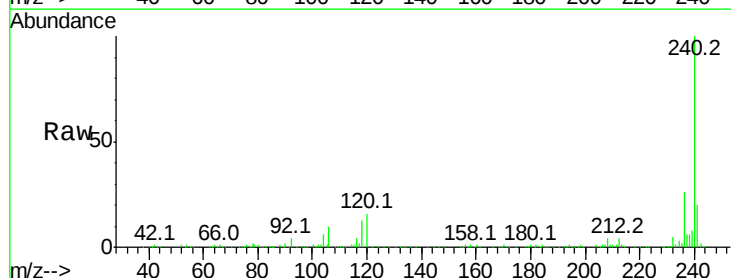


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

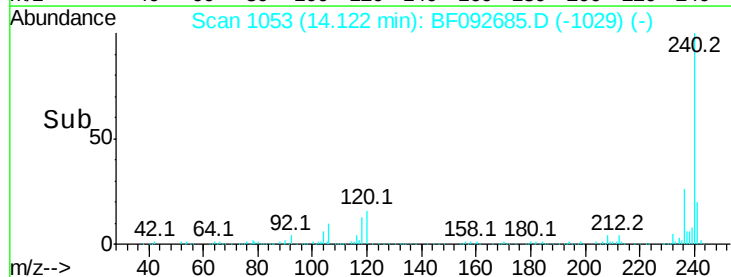
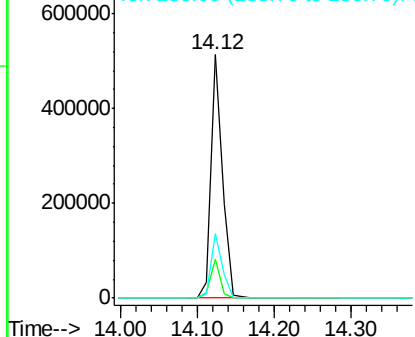


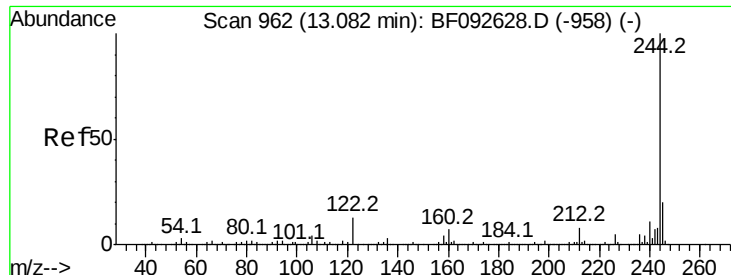
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092685.D
Acq: 31 Jan 2017 17:12

Tgt Ion:240 Resp: 521154
Ion Ratio Lower Upper
240 100
120 16.2 12.9 19.3
236 26.3 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

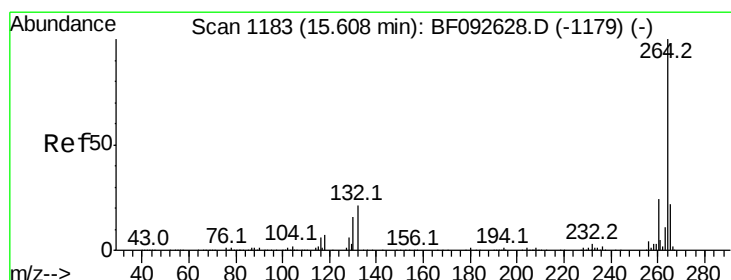
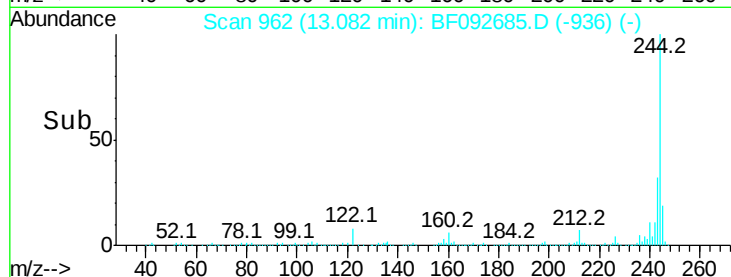
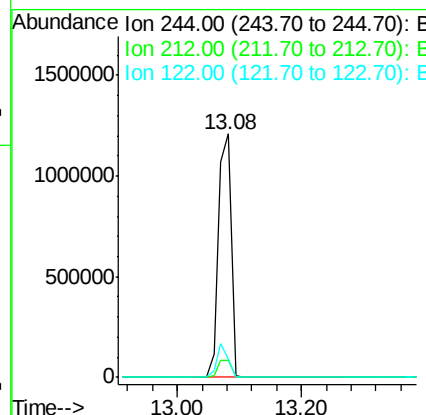
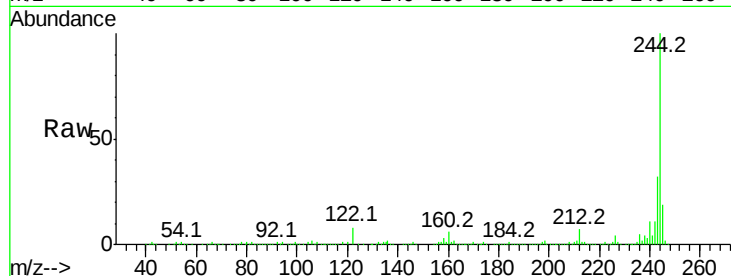




#78
 Terphenyl-d14
 Concen: 74.87 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092685.D
 Acq: 31 Jan 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB96561TB

Tot Ion:244 Resp: 1660666
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 7.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092685.D
 Acq: 31 Jan 2017 17:12

Tgt Ion:264 Resp: 461548
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.2 17.4 26.0

