

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092683.D
 Acq On : 31 Jan 2017 16:18
 Operator : SJ/MA
 Sample : PB96561BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BL

Quant Time: Jan 31 17:36:54 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	132126	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	529035	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	312941	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	511417	20.00	ng	0.00
75) Chrysene-d12	14.12	240	439349	20.00	ng	-0.02
86) Perylene-d12	15.60	264	389811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	797606	103.57	ng	-0.01
7) Phenol-d6	6.59	99	1150270	116.08	ng	-0.01
23) Nitrobenzene-d5	7.52	82	701745	73.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	196205	86.69	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1367805	79.18	ng	-0.01
78) Terphenyl-d14	13.08	244	1212775	64.86	ng	0.00

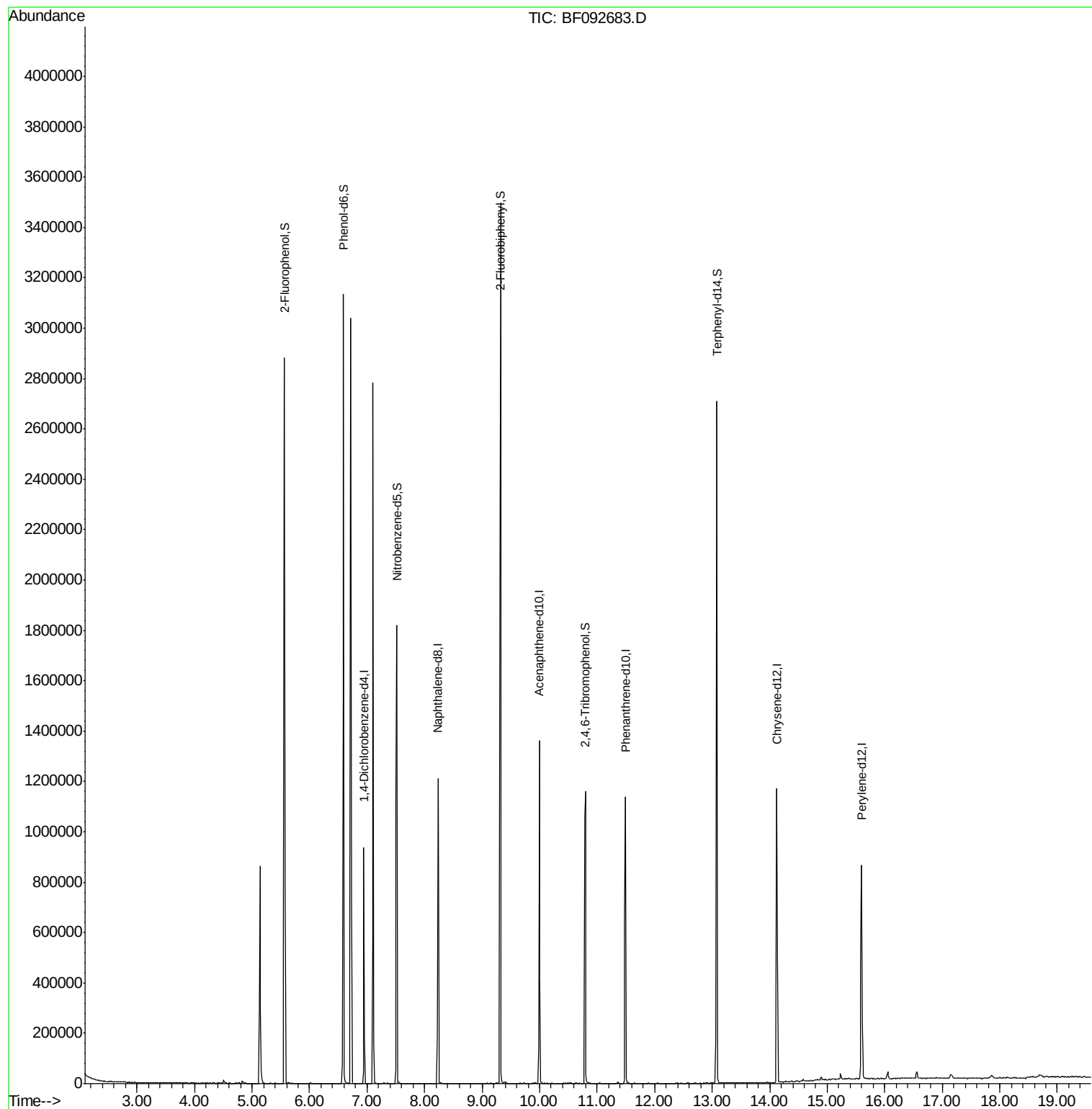
Target Compounds Qvalue

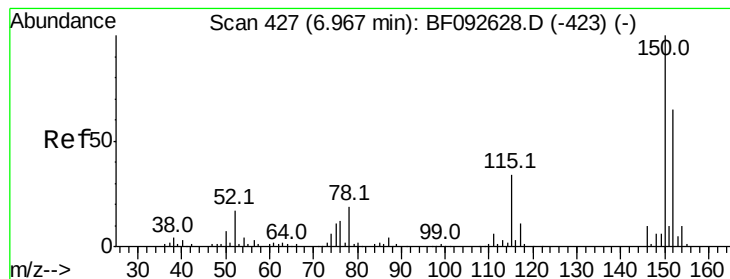
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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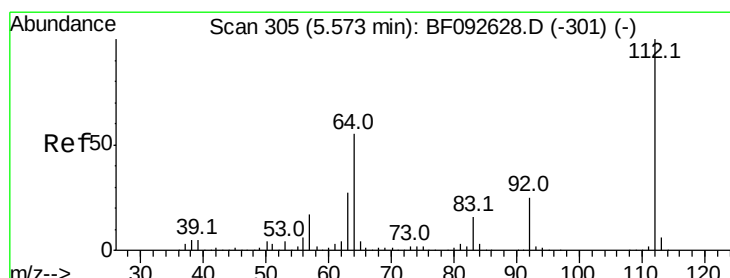
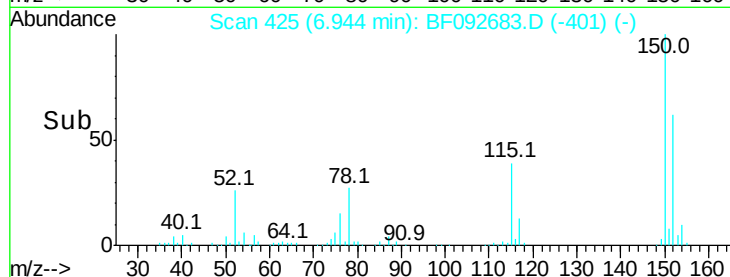
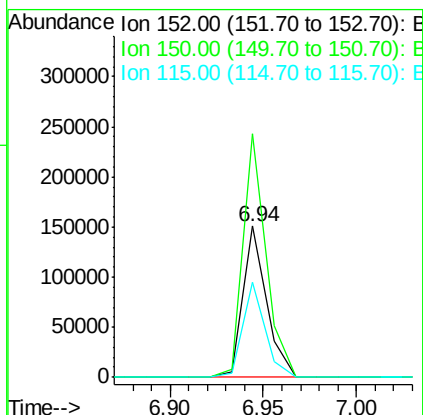
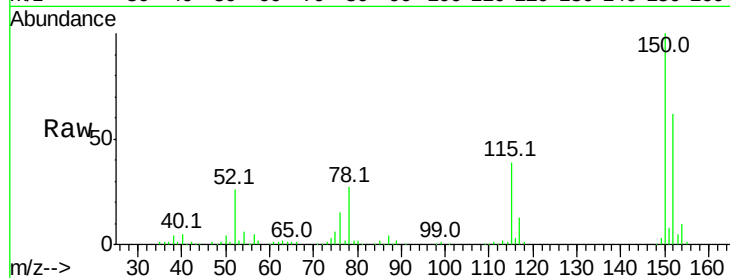


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96561BL

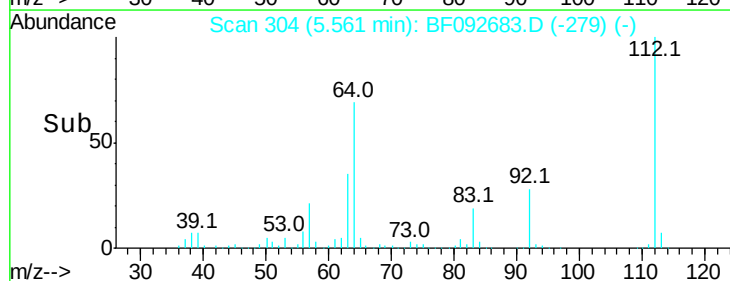
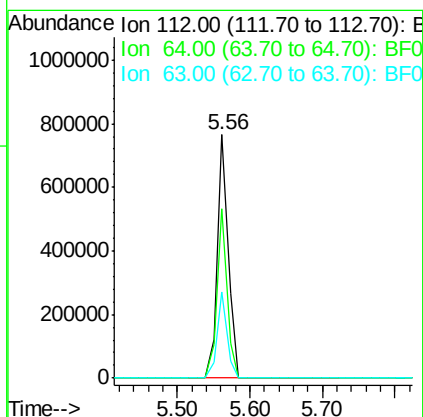
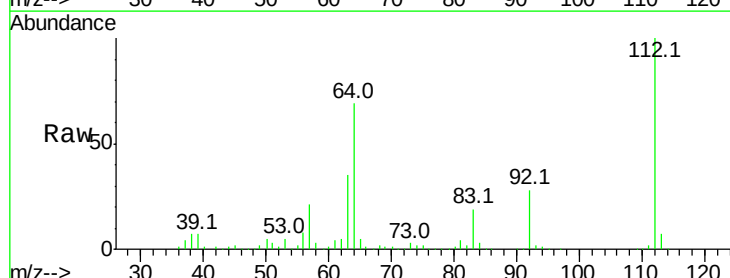
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.9	187.3
115	62.7	46.0	69.0

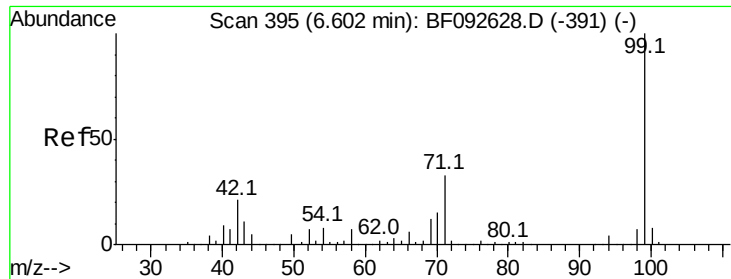


#5

2-Fluorophenol
Concen: 103.57 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	46.1	69.1#
63	35.2	23.8	35.6





#7

Phenol-d6

Concen: 116.08 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96561BL

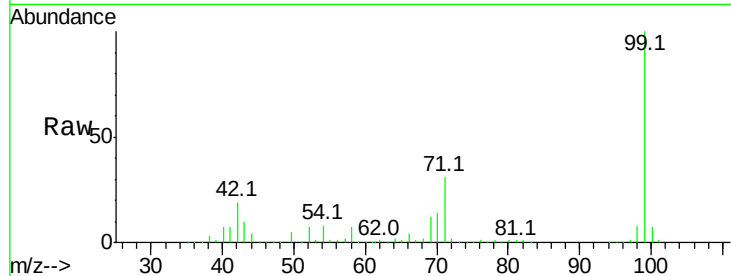
Tot Ion: 99 Resp: 1150270

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

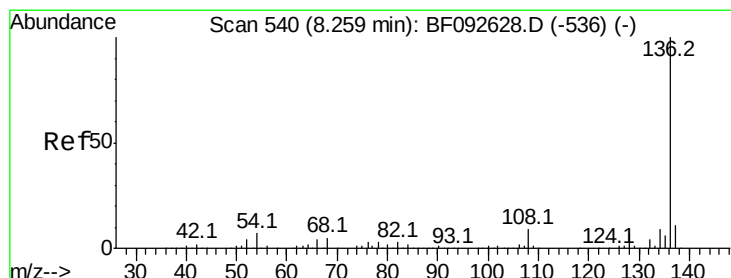
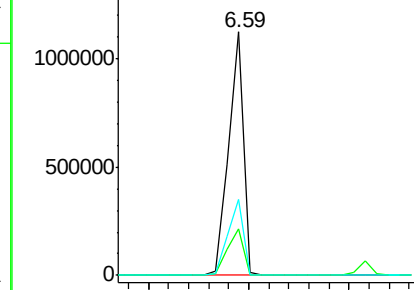
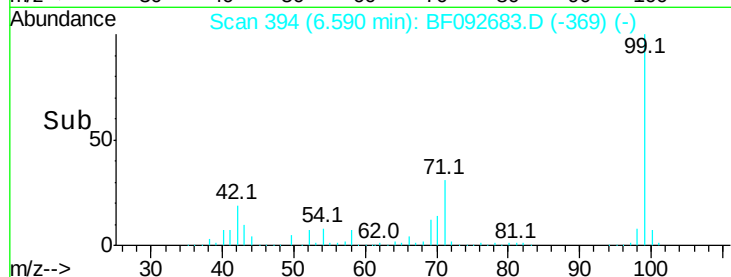
71 31.4 27.5 41.3



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: BF092683.D

Acq: 31 Jan 2017 16:18

Tgt Ion:136 Resp: 529035

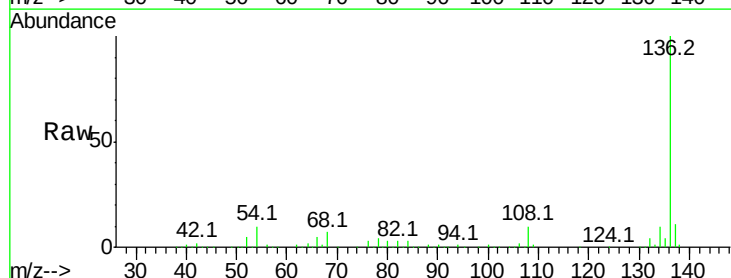
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.1 4.5 6.7#

68 7.0 3.6 5.4#

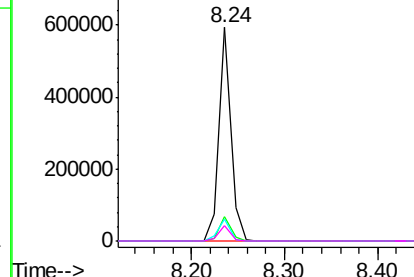
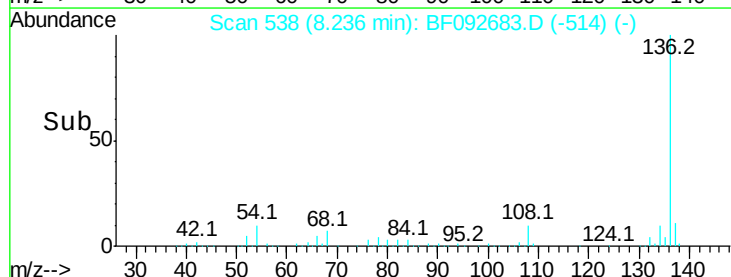


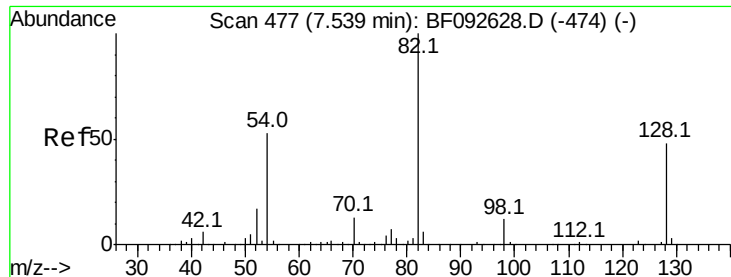
Abundance Ion 136.00 (135.70 to 136.70): E

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

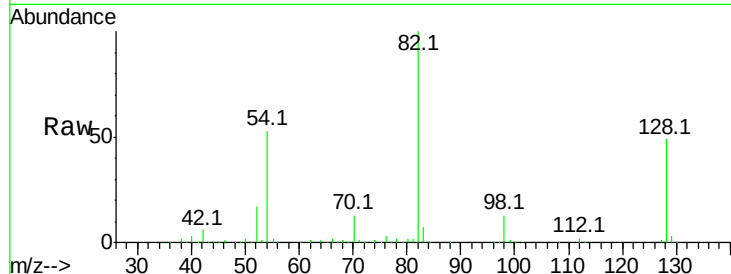




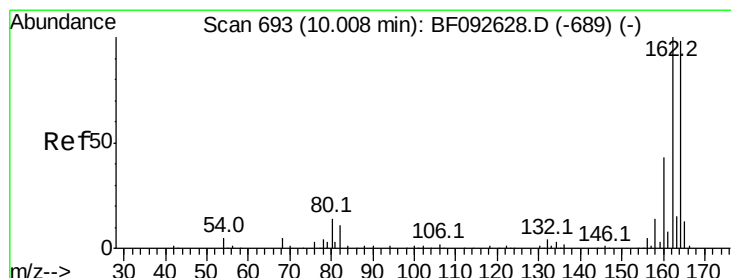
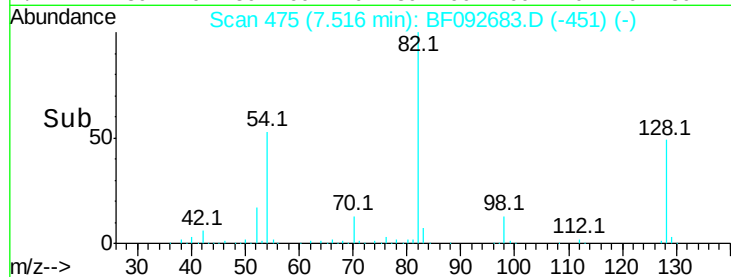
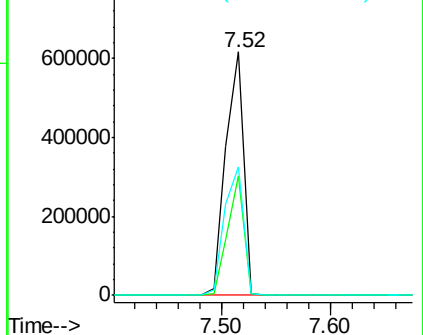
#23
 Nitrobenzene-d5
 Concen: 73.87 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	52.0
54	52.7	39.5	59.3

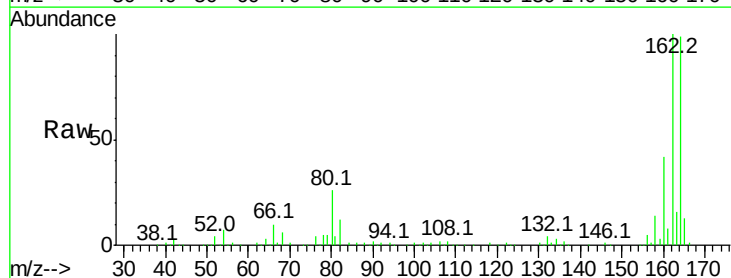


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

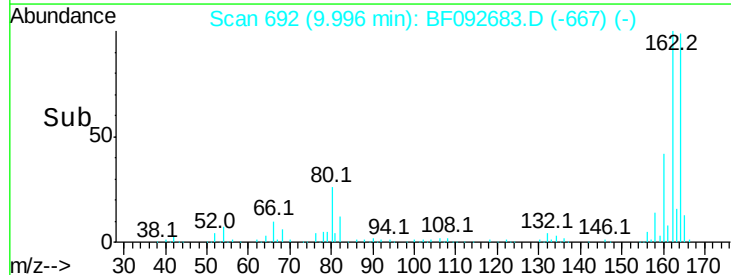
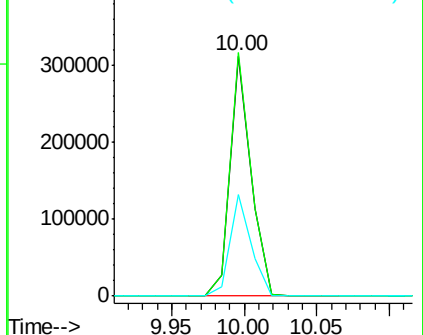


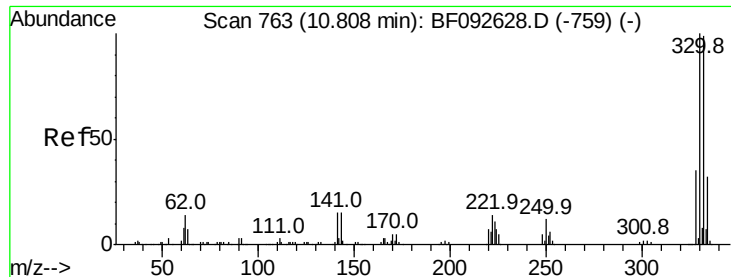
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	42.5	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

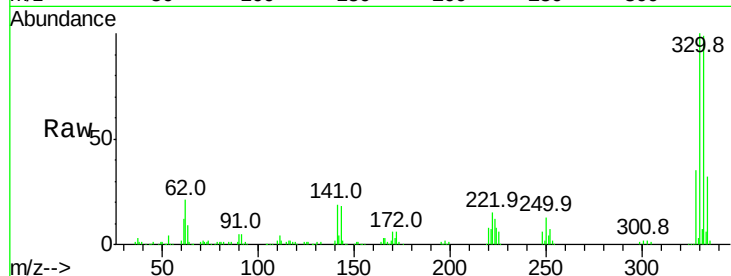




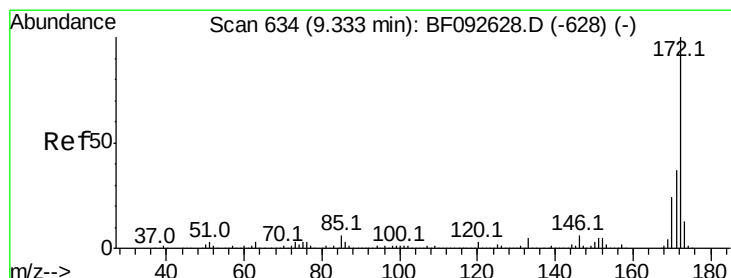
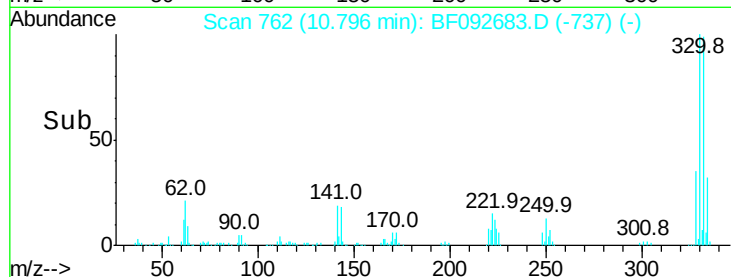
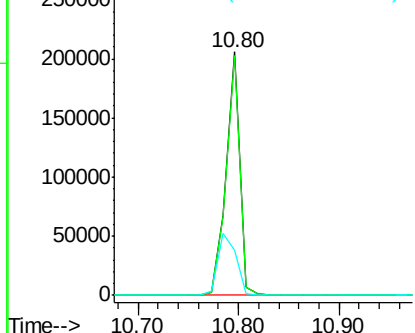
#41
 2,4,6-Tribromophenol
 Concen: 86.69 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	33.6	34.1	51.1#

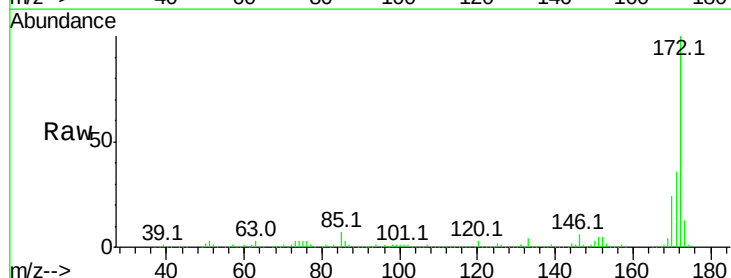


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

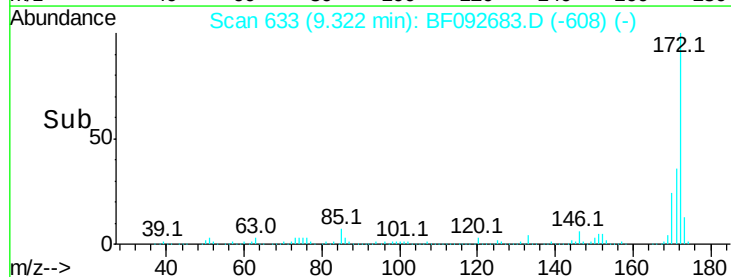
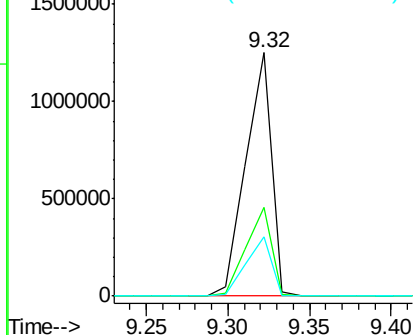


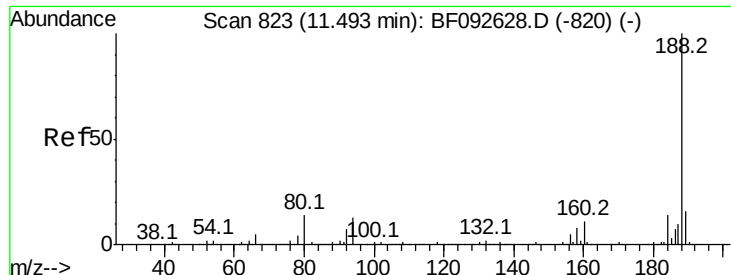
#44
 2-Fluorobiphenyl
 Concen: 79.18 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092683.D
 Acq: 31 Jan 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

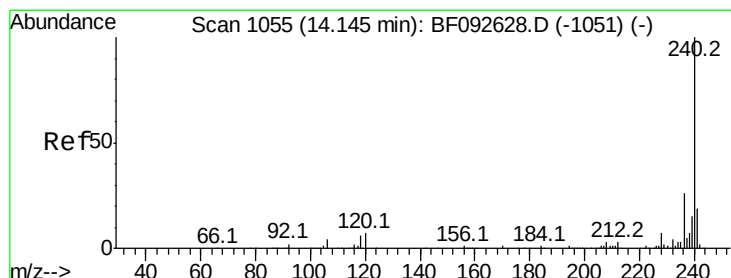
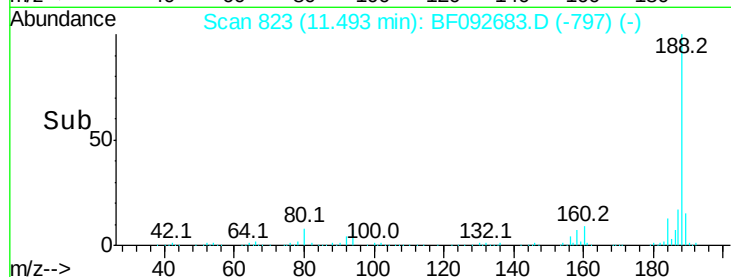
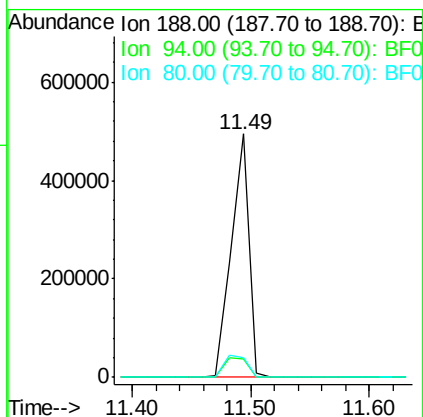
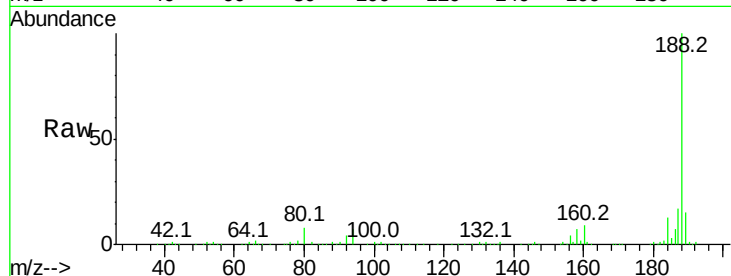




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

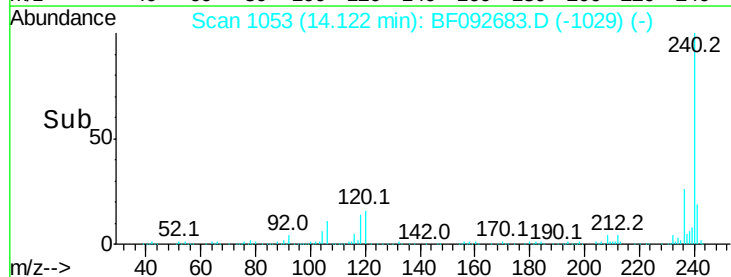
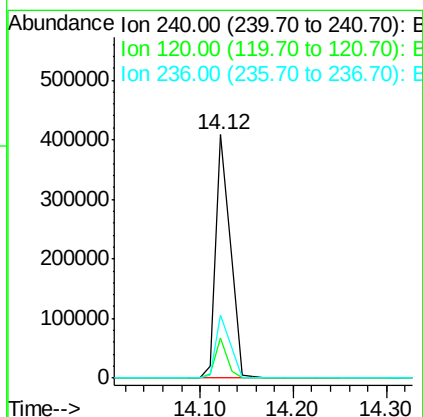
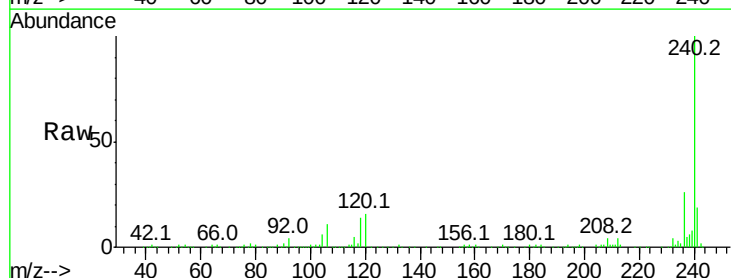
Instrument :
BNA_F
ClientSampleId :
PB96561BL

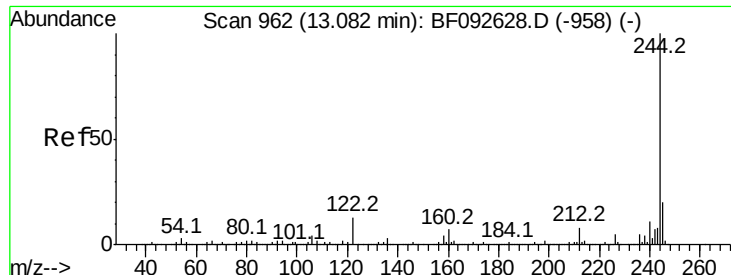
Tot Ion:188 Resp: 511417
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092683.D
Acq: 31 Jan 2017 16:18

Tgt Ion:240 Resp: 439349
Ion Ratio Lower Upper
240 100
120 16.3 12.9 19.3
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 64.86 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092683.D

Acq: 31 Jan 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96561BL

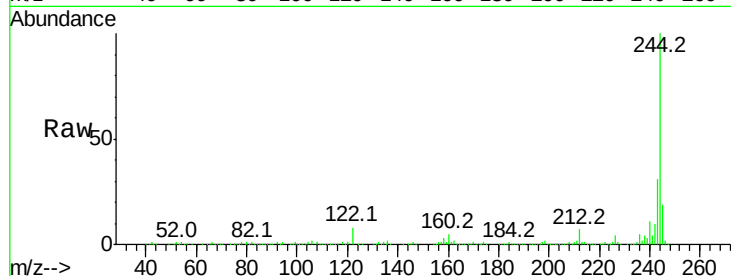
Tot Ion:244 Resp: 1212775

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

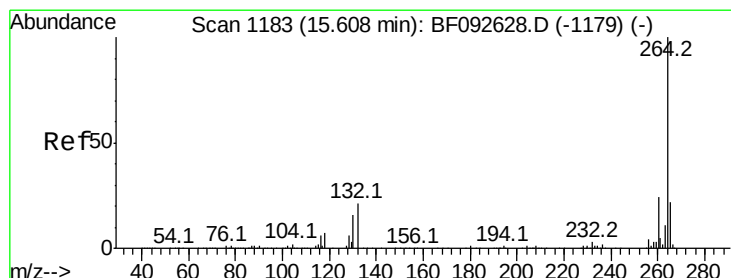
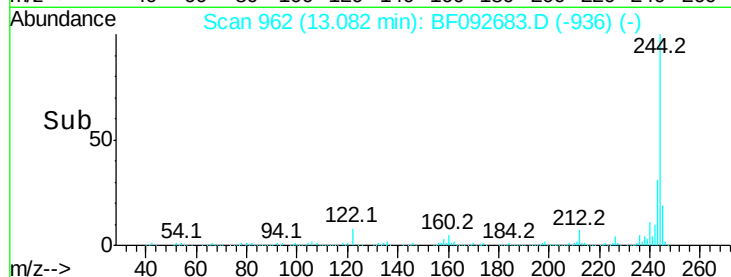
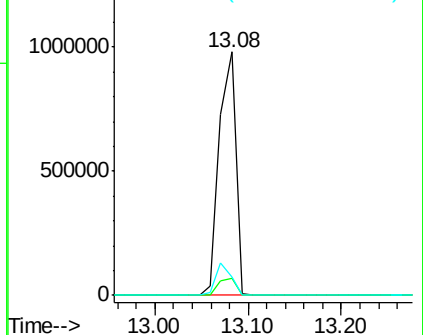
122 7.5 11.4 17.2#



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: BF092683.D

Acq: 31 Jan 2017 16:18

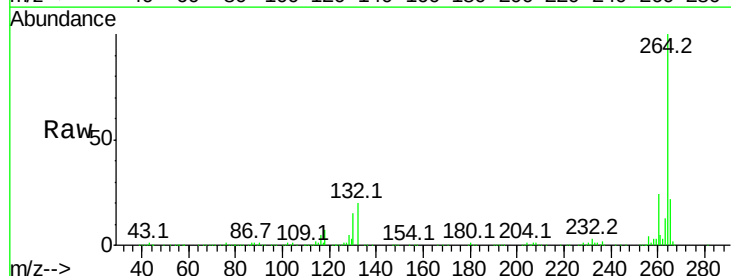
Tgt Ion:264 Resp: 389811

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 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

