

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092559.D
 Acq On : 27 Jan 2017 7:00
 Operator : SJ/MA
 Sample : I1364-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Jan 27 09:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179471	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	677890	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	390911	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	602789	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	481204	20.00	ng	-0.01
86) Perylene-d12	15.64	264	361554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	686413	59.51	ng	0.02
7) Phenol-d6	6.59	99	508196	34.59	ng	0.00
23) Nitrobenzene-d5	7.54	82	1119564	90.22	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	366674	137.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1745121	82.55	ng	-0.01
78) Terphenyl-d14	13.10	244	1701170	94.14	ng	-0.01

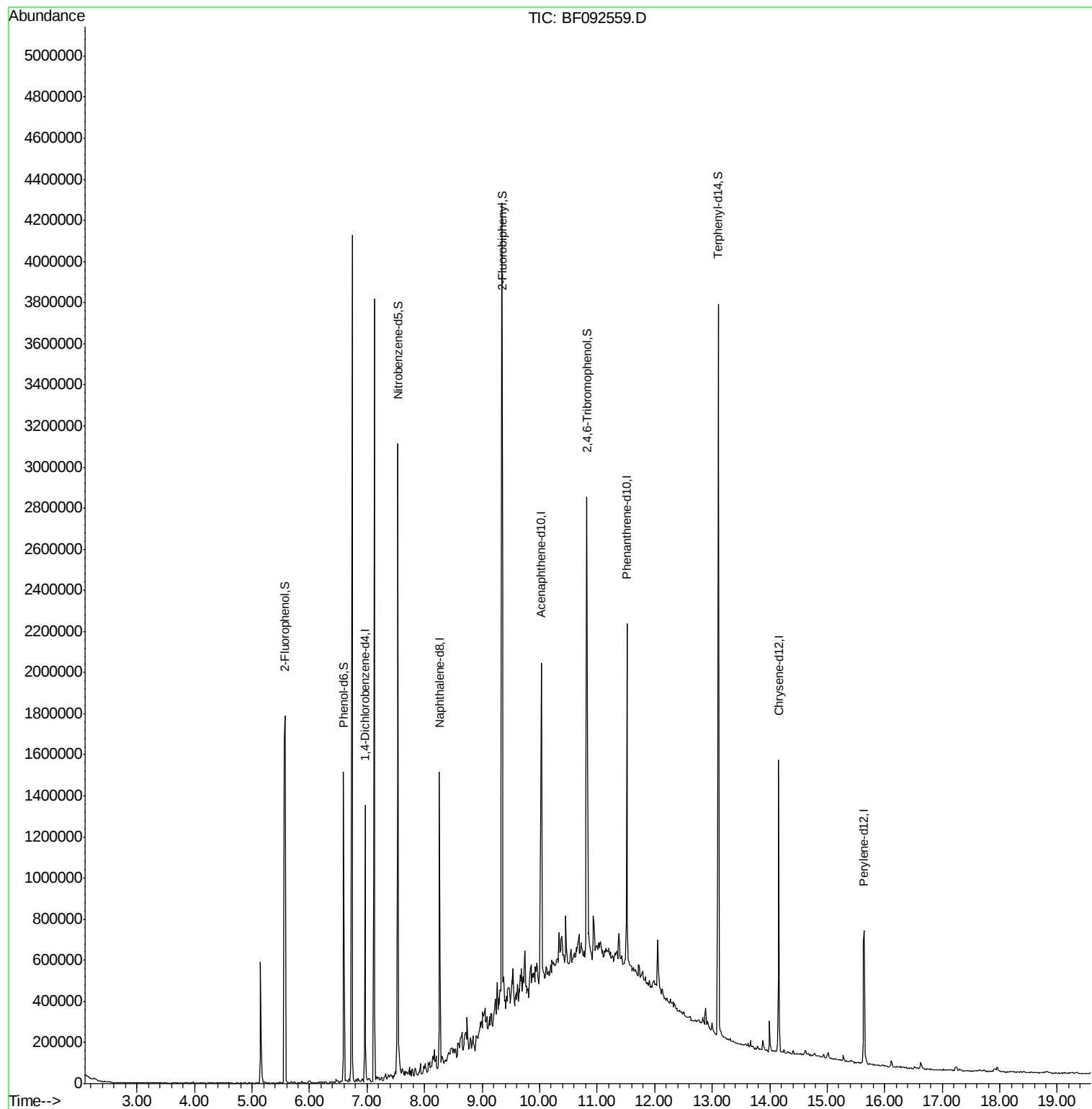
Target Compounds Qvalue

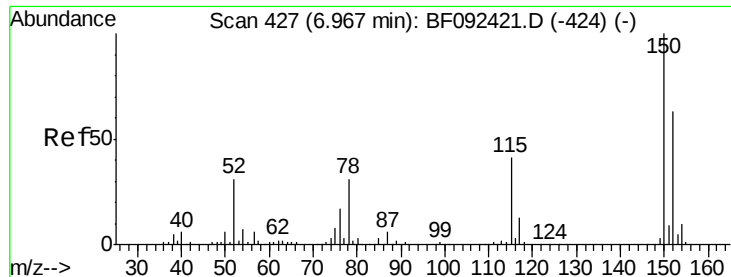
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampled :

W-19

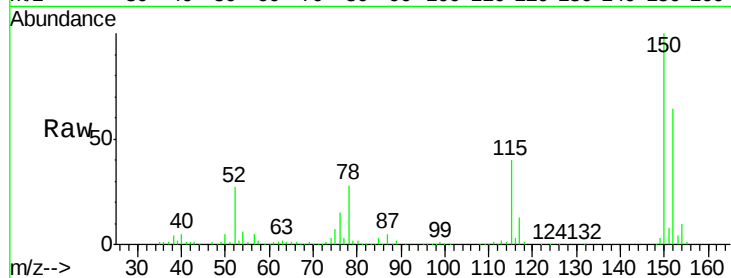
Tot Ion:152 Resp: 179471

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

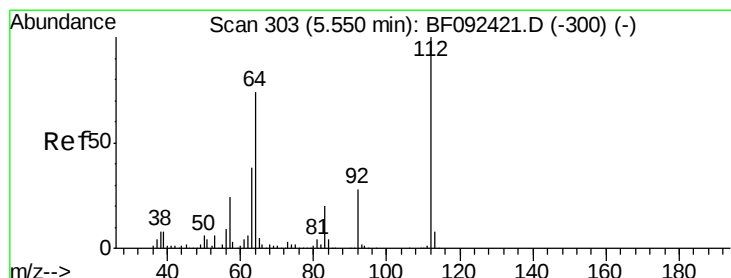
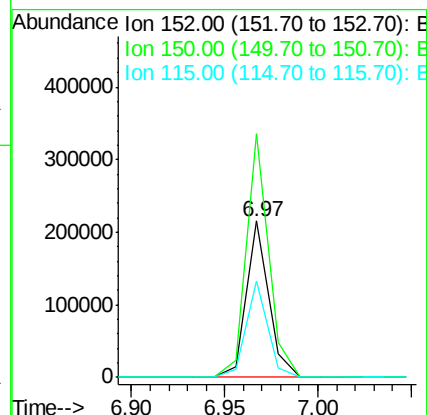
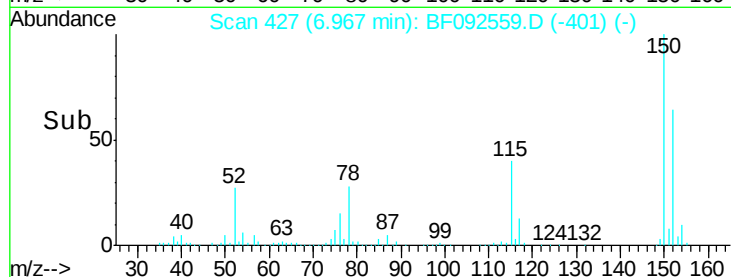
115 62.0 46.0 69.0



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: 59.51 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

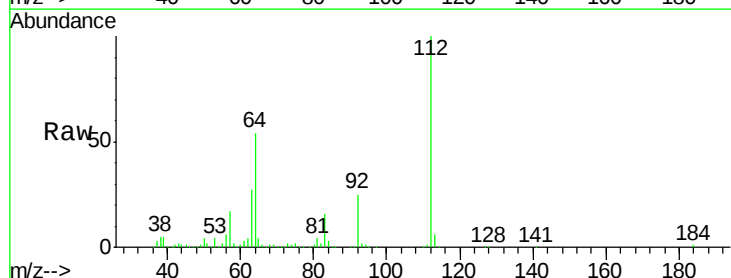
Tgt Ion:112 Resp: 686413

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

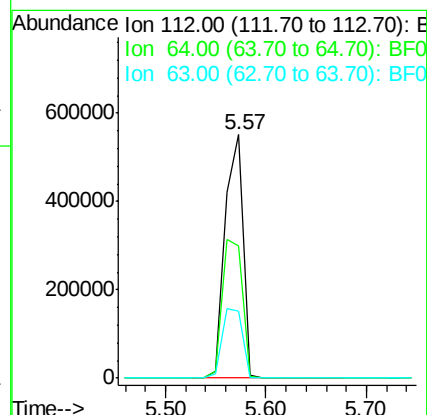
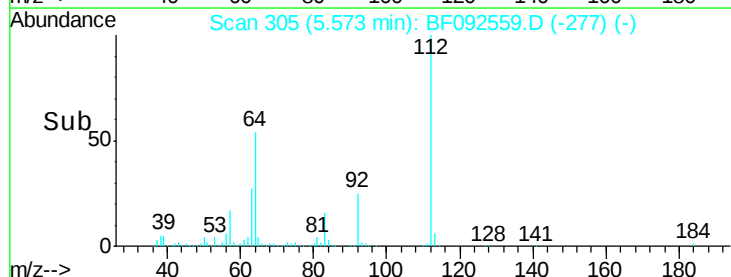
63 27.4 23.8 35.6

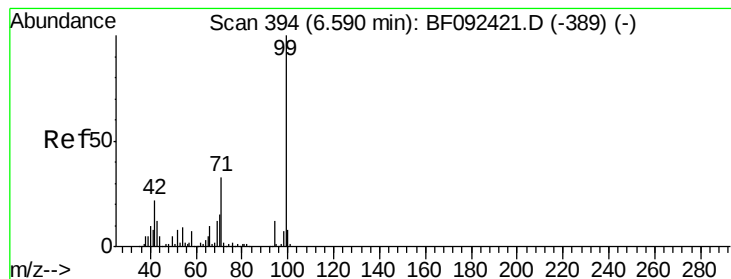


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.59 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

BNA_F

ClientSampleId :

W-19

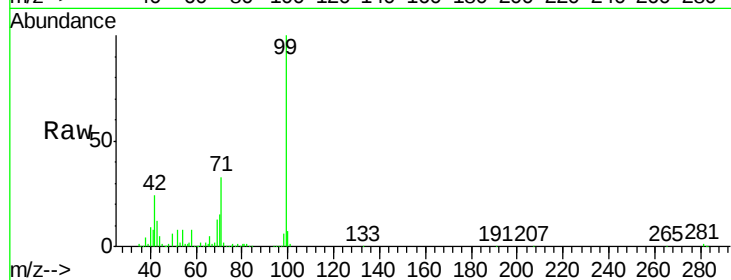
Tot Ion: 99 Resp: 508196

Ion Ratio Lower Upper

99 100

42 23.5 15.6 23.4#

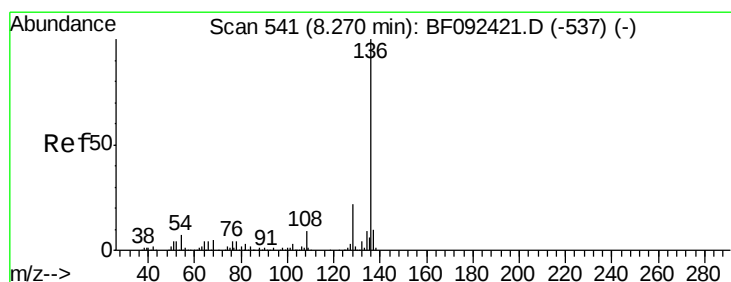
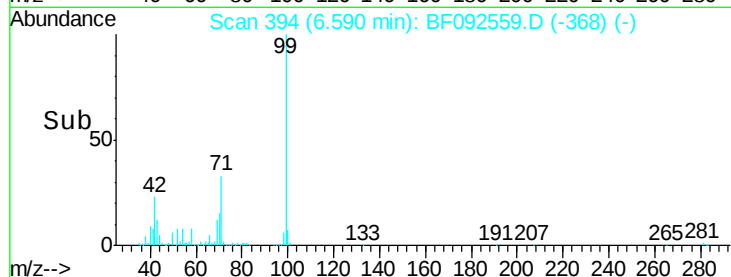
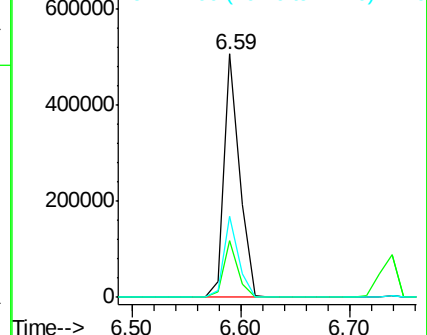
71 33.3 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Tgt Ion: 136 Resp: 677890

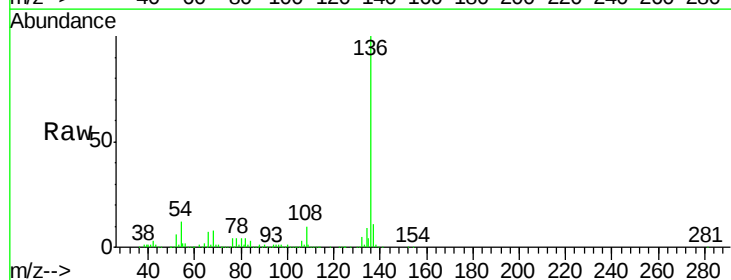
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.3 4.5 6.7#

68 8.4 3.6 5.4#

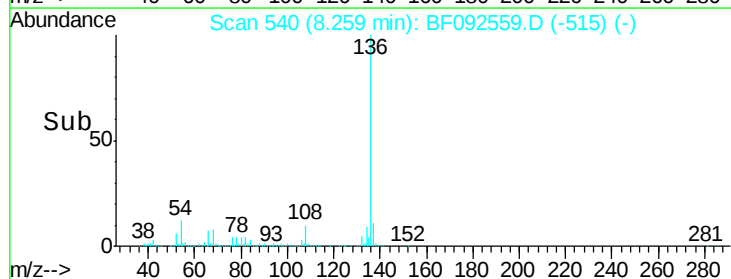
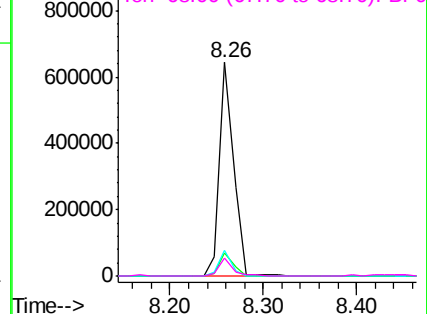


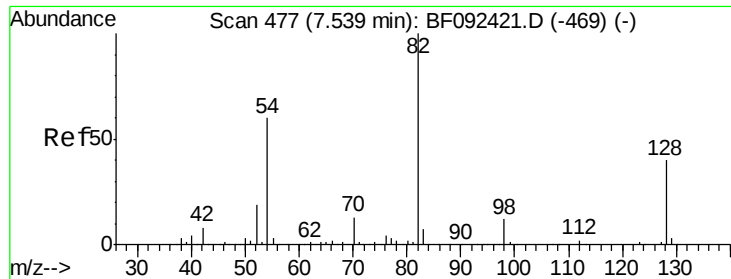
Abundance Ion 136.00 (135.70 to 136.70): E

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



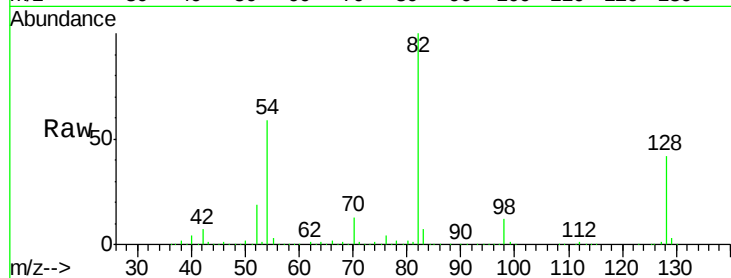


#23
 Nitrobenzene-d5
 Concen: 90.22 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092559.D
 Acq: 27 Jan 2017 7:00

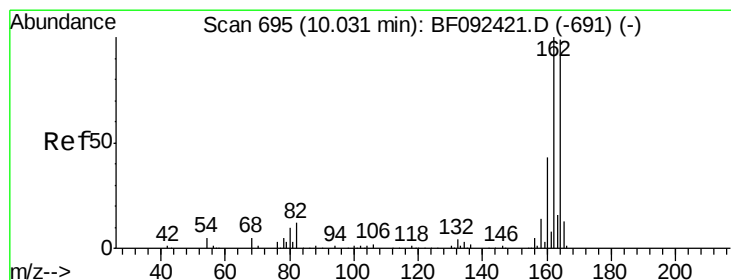
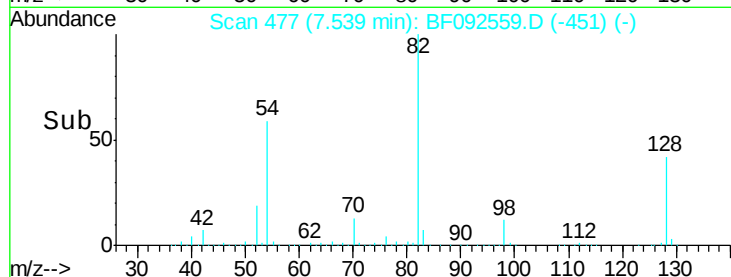
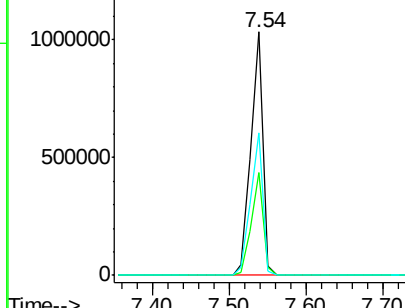
Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion: 82 Resp: 1119564

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	58.7	39.5	59.3



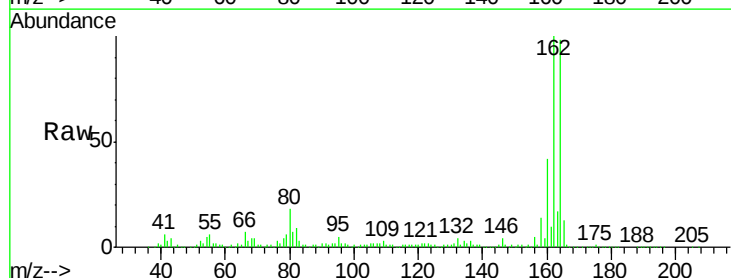
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



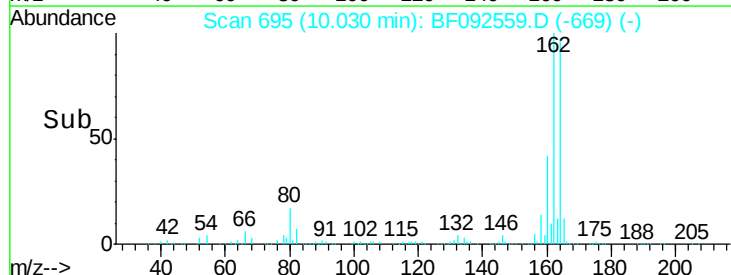
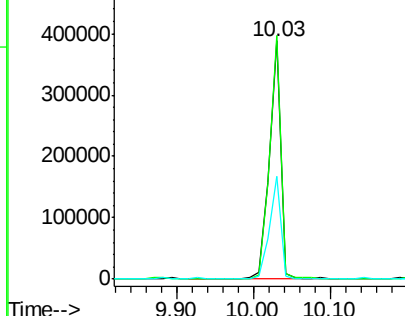
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092559.D
 Acq: 27 Jan 2017 7:00

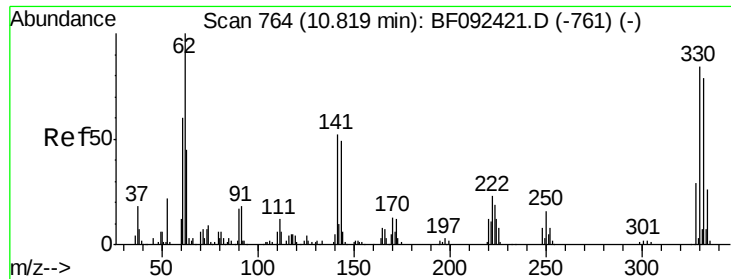
Tgt Ion: 164 Resp: 390911

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	43.2	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

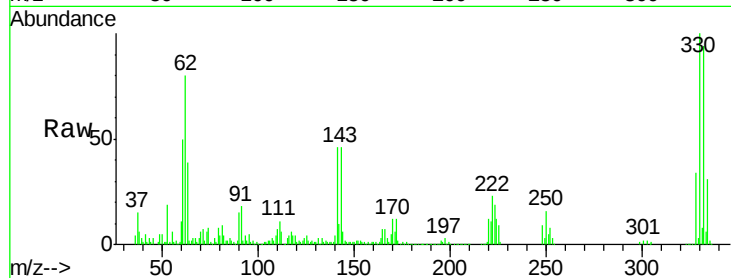




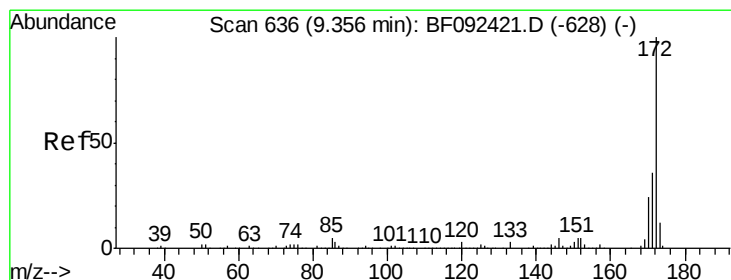
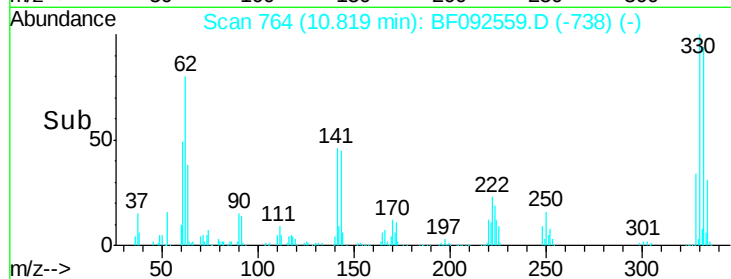
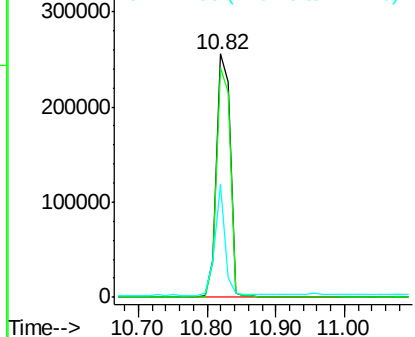
#41
 2,4,6-Tribromophenol
 Concen: 137.65 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092559.D
 Acq: 27 Jan 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:330 Resp: 366674
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 33.6 34.1 51.1#

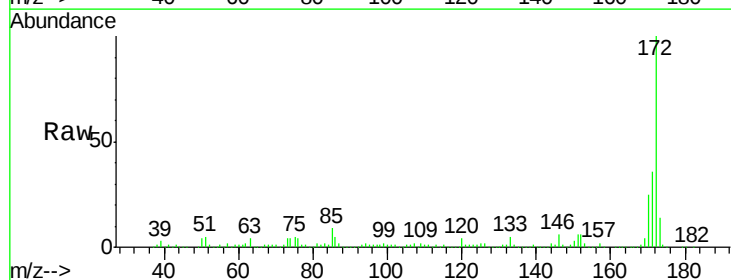


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

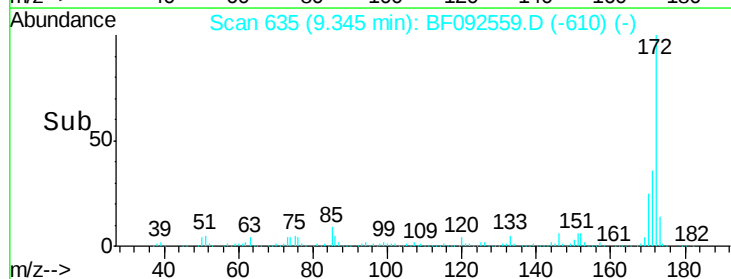
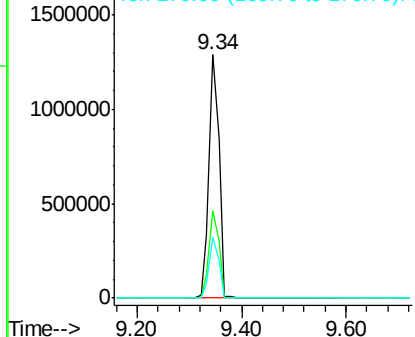


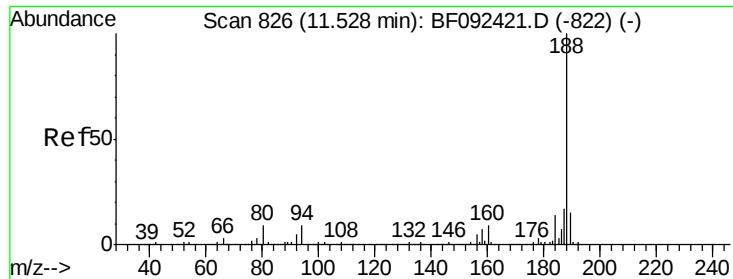
#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092559.D
 Acq: 27 Jan 2017 7:00

Tgt Ion:172 Resp: 1745121
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

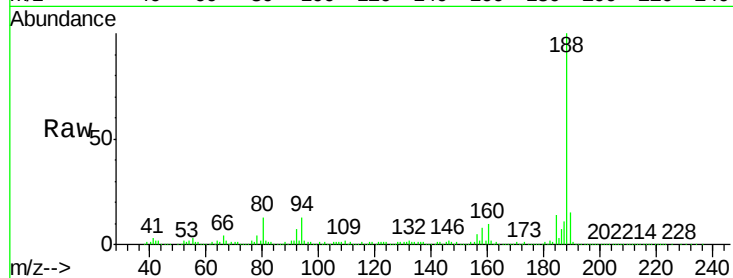




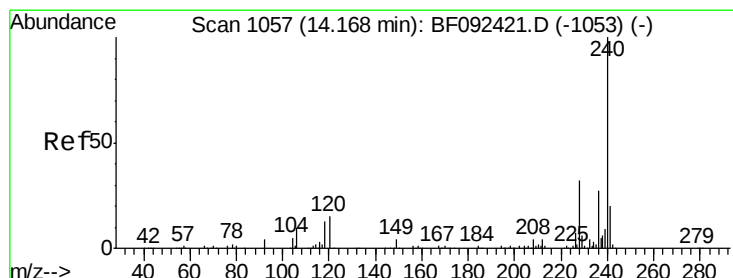
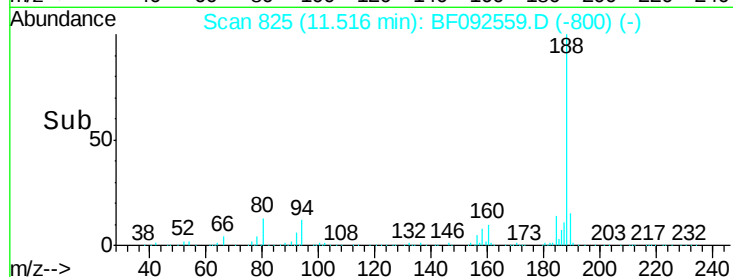
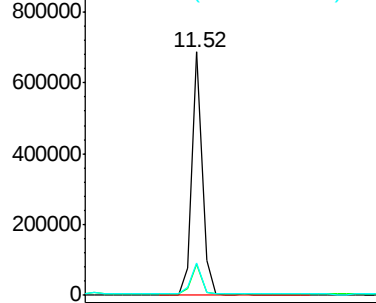
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion:188 Resp: 602789
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.2 11.2 16.8

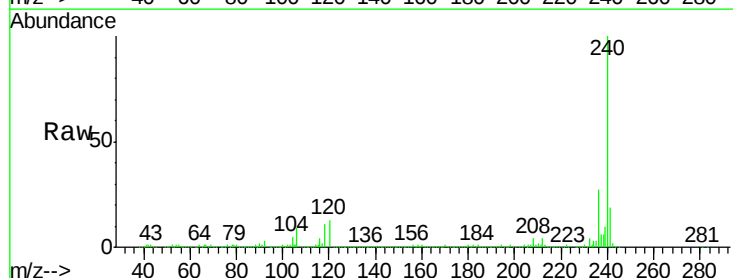


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

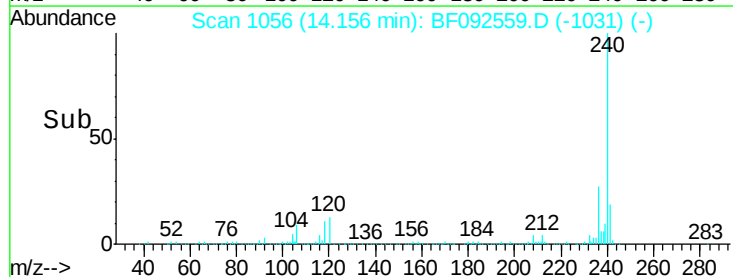
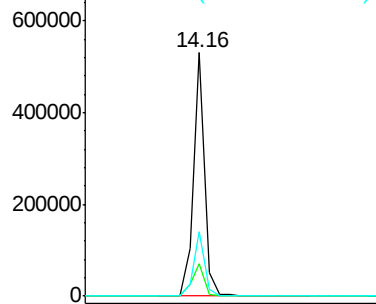


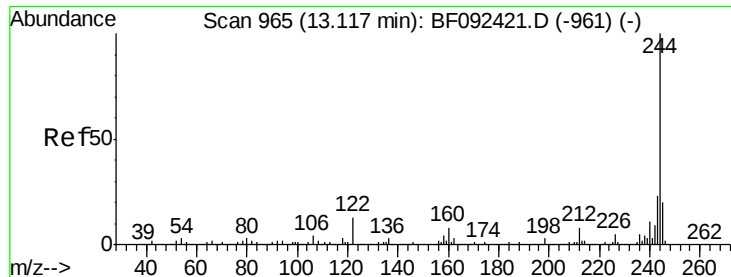
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092559.D
Acq: 27 Jan 2017 7:00

Tgt Ion:240 Resp: 481204
Ion Ratio Lower Upper
240 100
120 13.3 12.9 19.3
236 26.6 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: 94.14 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Instrument :

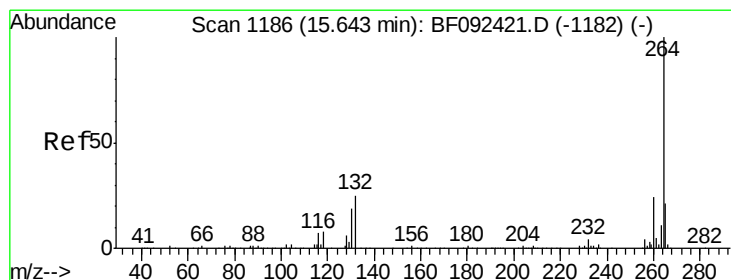
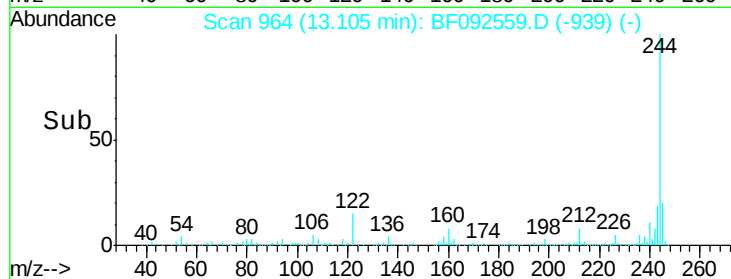
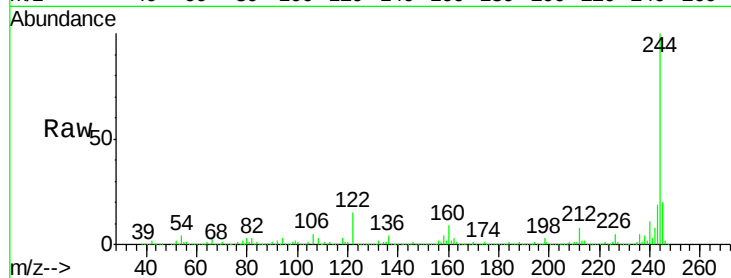
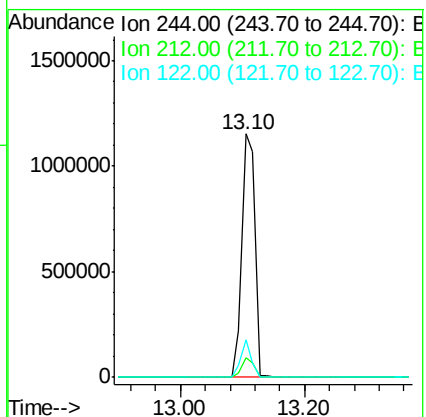
BNA_F

ClientSampled :

W-19

Tot Ion:244 Resp: 1701170

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	15.2	11.4	17.2



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.64 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF092559.D

Acq: 27 Jan 2017 7:00

Tgt Ion:264 Resp: 361554

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.4	26.0

