

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092549.D
 Acq On : 27 Jan 2017 2:26
 Operator : SJ/MA
 Sample : I1452-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jan 27 06:18:35 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

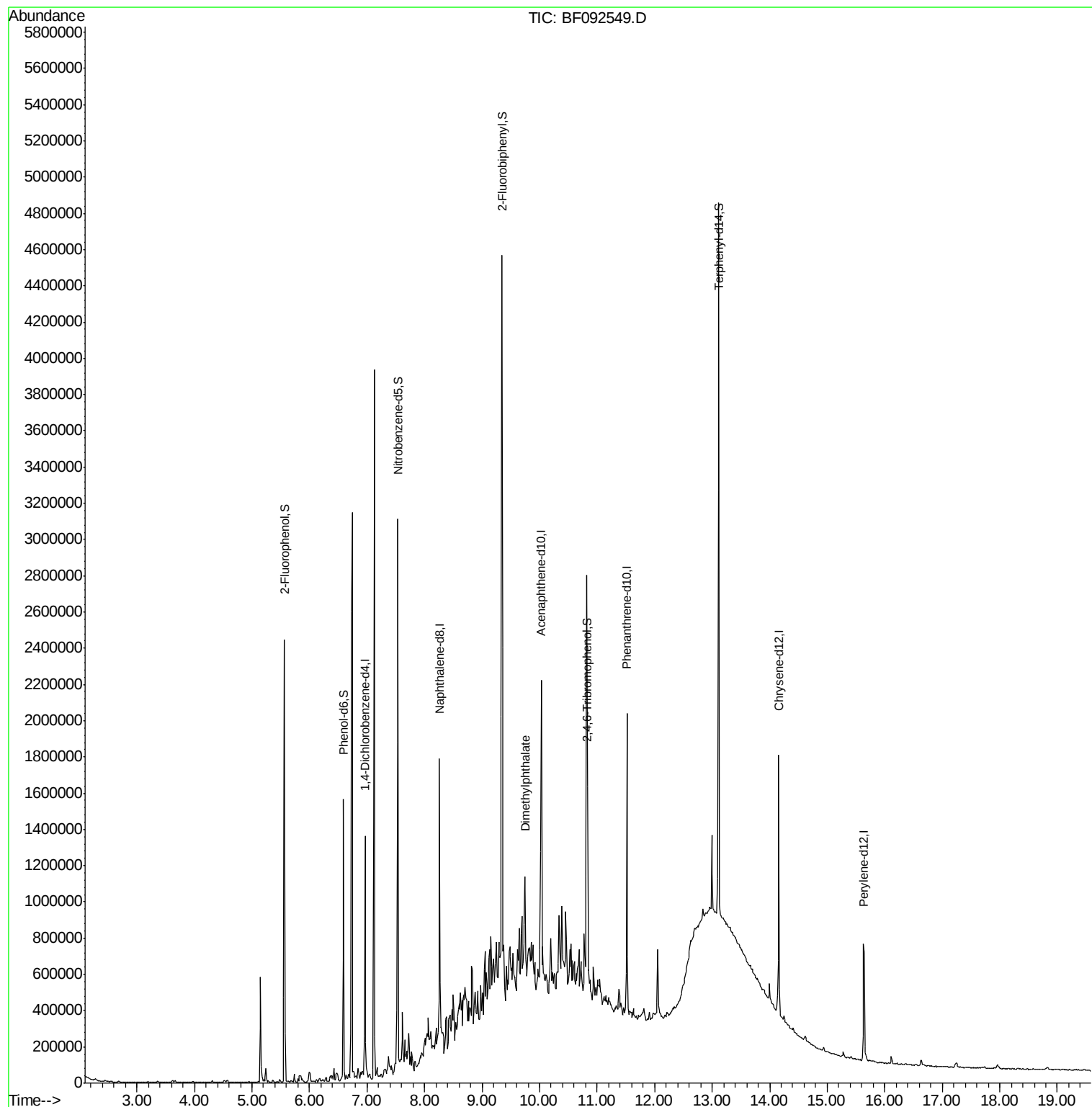
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174877	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	670620	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	397397	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	600707	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	476913	20.00	ng	-0.01
86) Perylene-d12	15.64	264	364440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	595047	52.94	ng	0.01
7) Phenol-d6	6.59	99	552872	38.62	ng	0.00
23) Nitrobenzene-d5	7.54	82	1213746	98.87	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	378802	139.88	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1825248	84.93	ng	-0.01
78) Terphenyl-d14	13.12	244	1635264	91.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	188365	7.45	ng	Qvalue 99

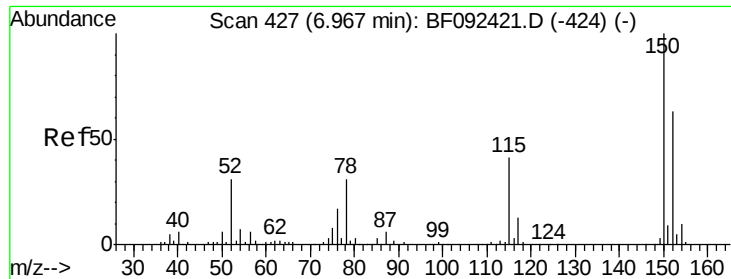
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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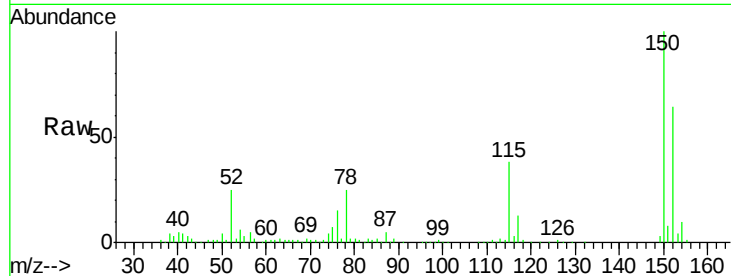


#1

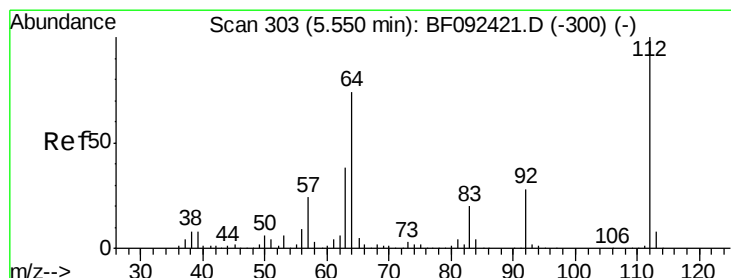
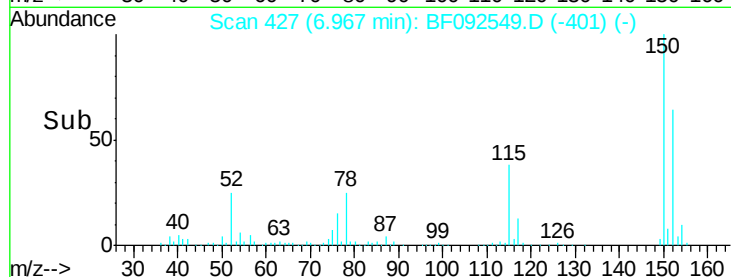
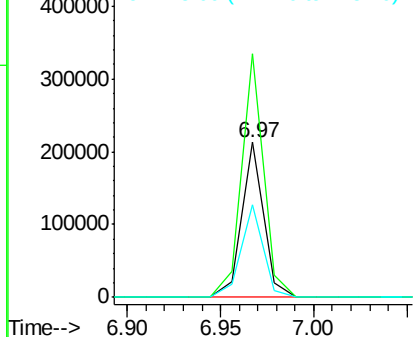
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	59.5	46.0	69.0



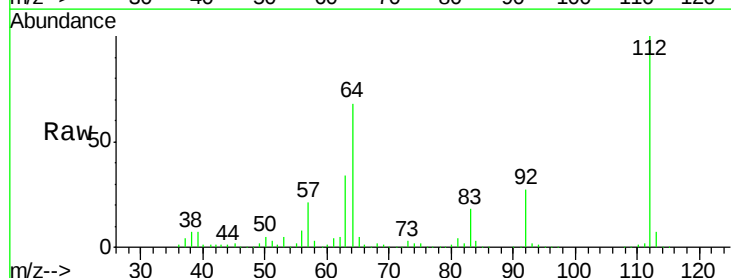
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



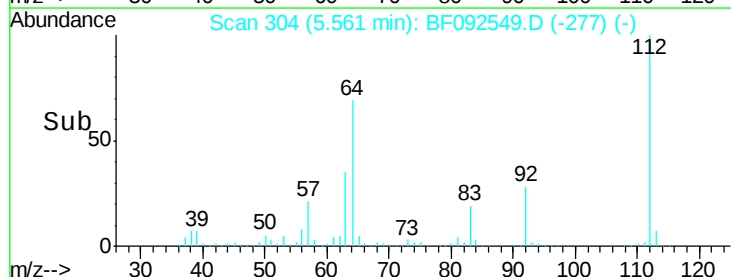
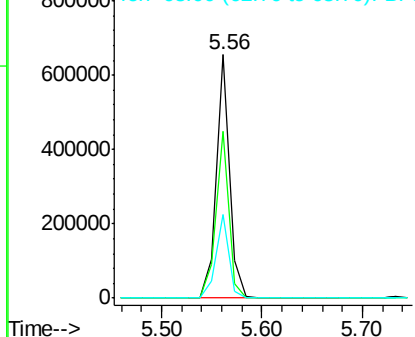
#5

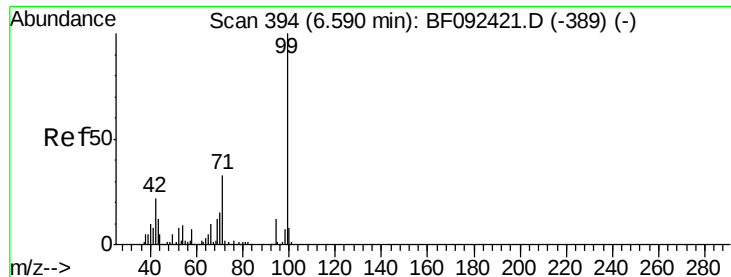
2-Fluorophenol
Concen: 52.94 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.1	69.1
63	34.4	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: 38.62 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampleId :

W-38

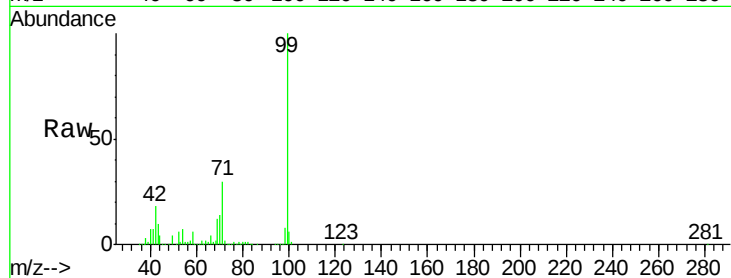
Tot Ion: 99 Resp: 552872

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

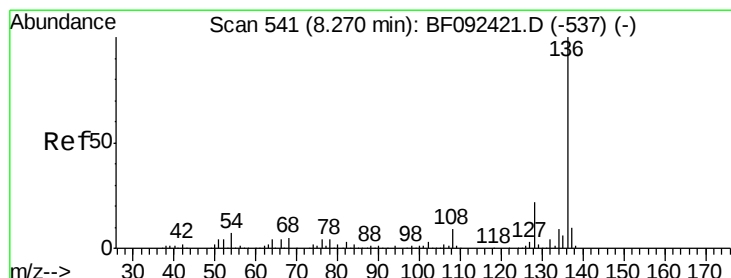
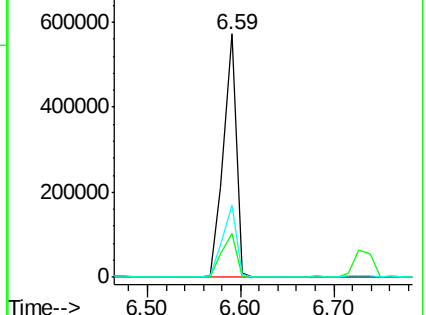
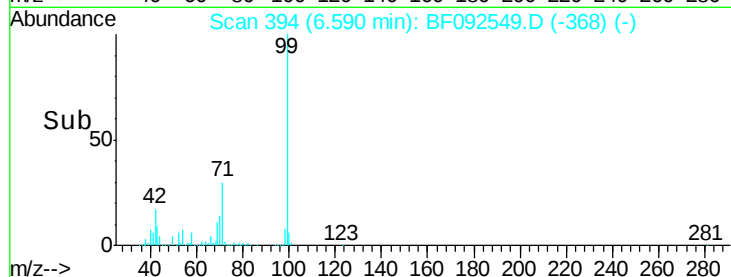
71 29.7 27.5 41.3



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: BF092549.D

Acq: 27 Jan 2017 2:26

Tgt Ion: 136 Resp: 670620

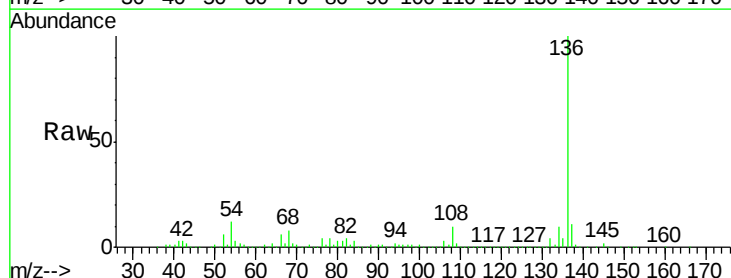
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.0 4.5 6.7#

68 8.3 3.6 5.4#

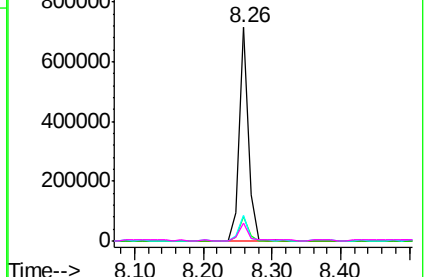
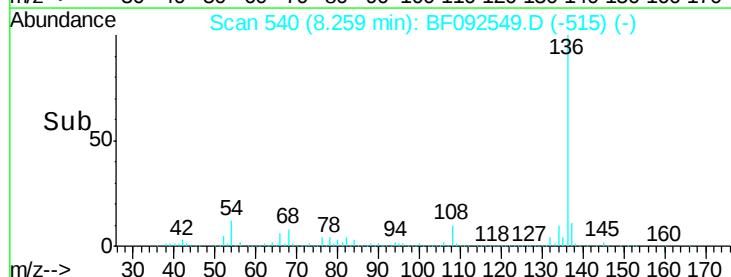


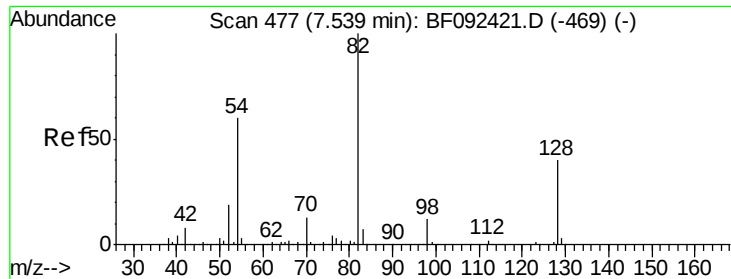
Abundance Ion 136.00 (135.70 to 136.70): E

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

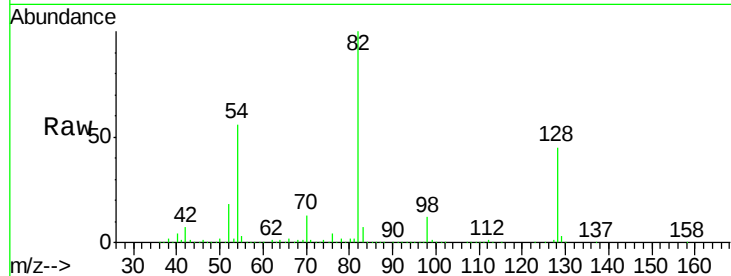




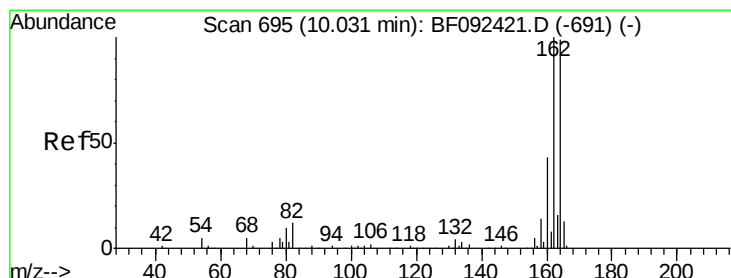
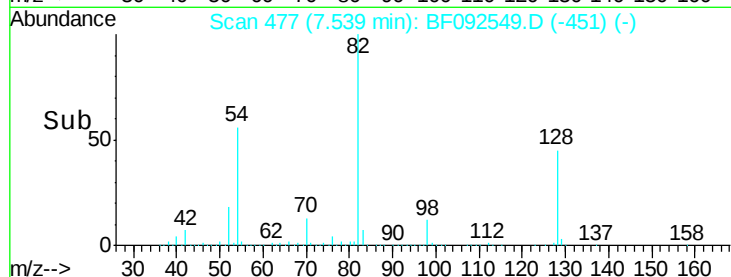
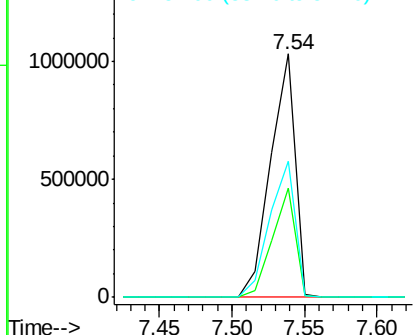
#23
Nitrobenzene-d5
Concen: 98.87 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Instrument :
BNA_F
ClientSampleId :
W-38

Tot Ion: 82 Resp: 1213746
Ion Ratio Lower Upper
82 100
128 44.6 34.6 52.0
54 56.0 39.5 59.3

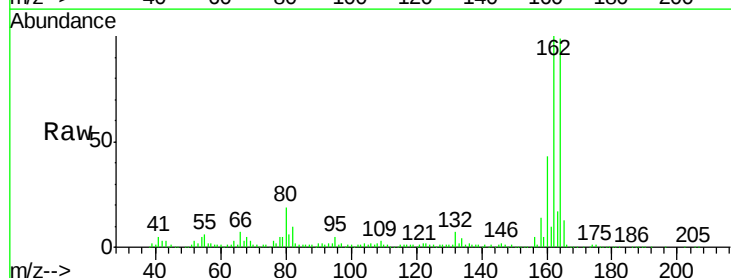


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

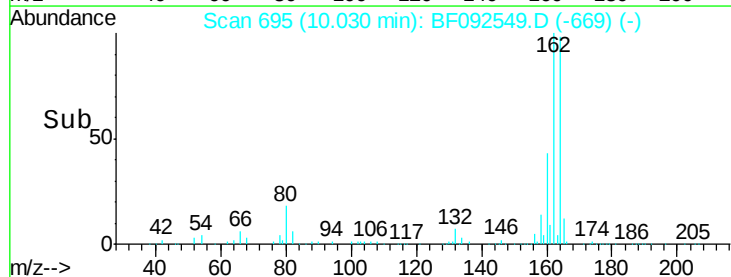
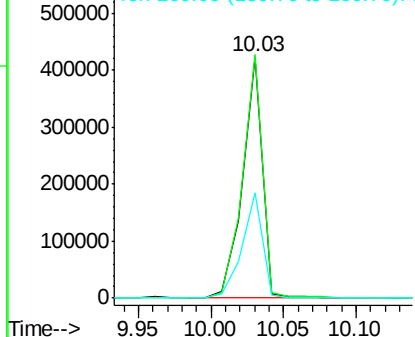


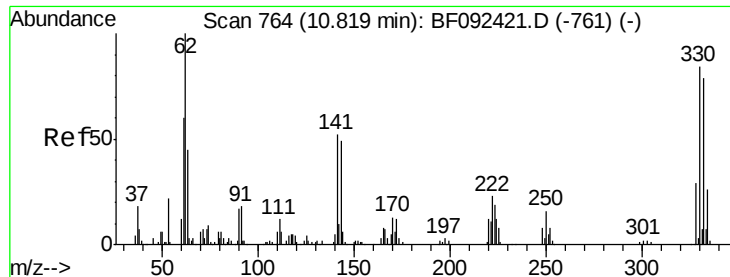
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Tgt Ion:164 Resp: 397397
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.7 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

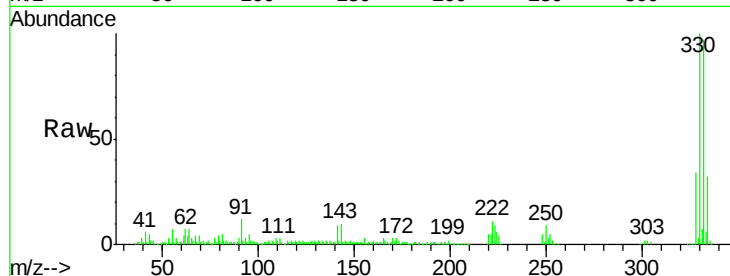




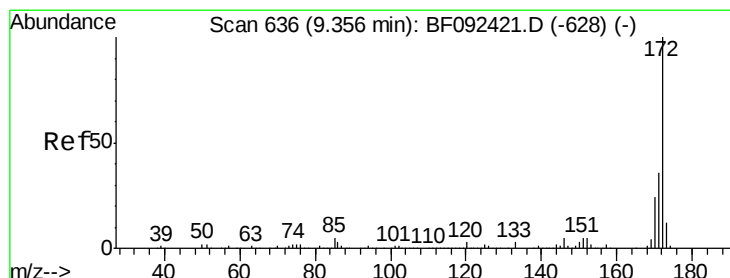
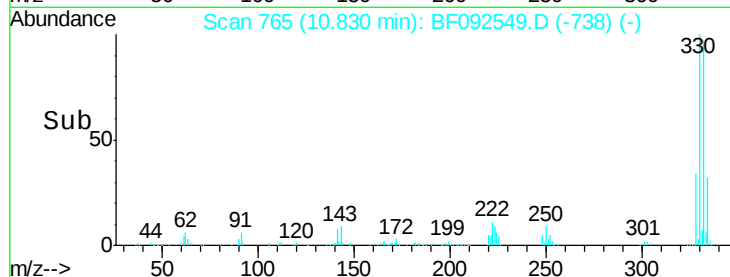
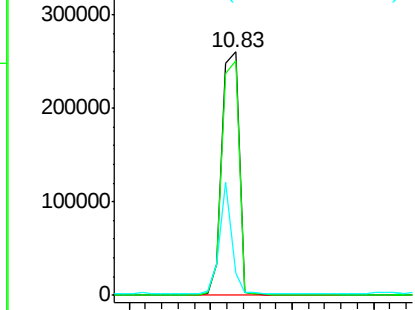
#41
 2,4,6-Tribromophenol
 Concen: 139.88 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Tot Ion:330 Resp: 378802
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.0 34.1 51.1#

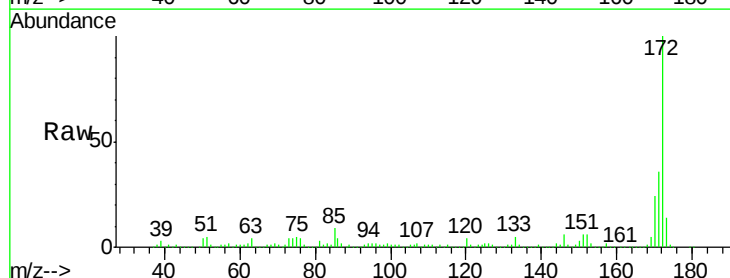


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

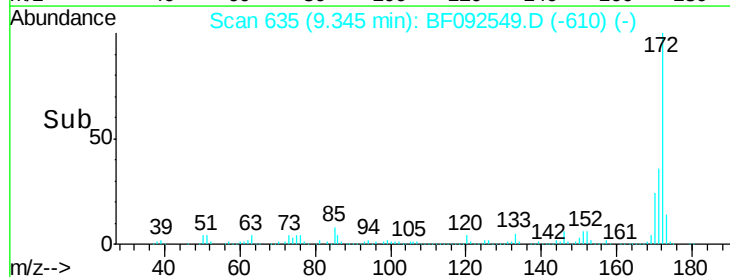
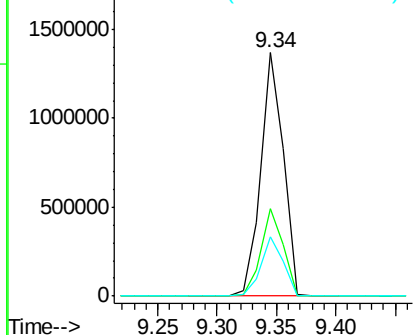


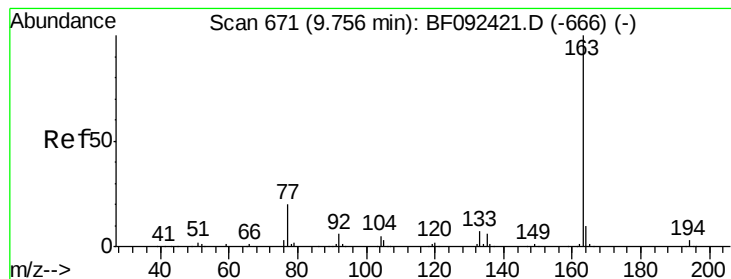
#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Tgt Ion:172 Resp: 1825248
 Ion Ratio Lower Upper
 172 100
 171 36.0 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





#49

Dimethylphthalate

Concen: 7.45 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampleId :

W-38

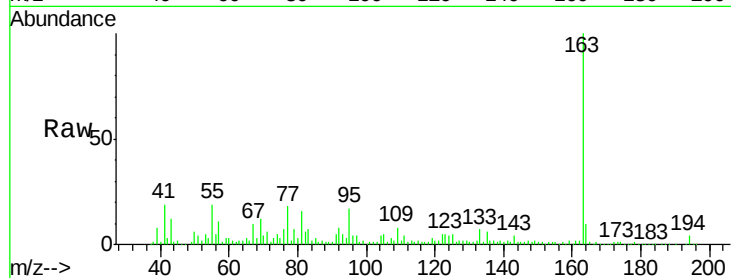
Tot Ion:163 Resp: 188365

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

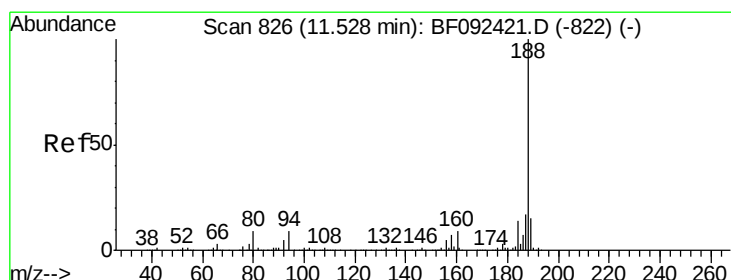
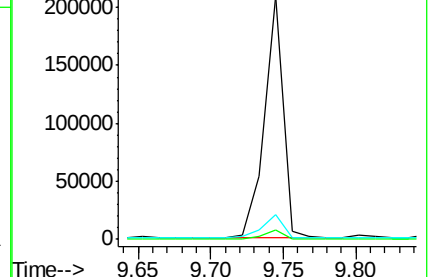
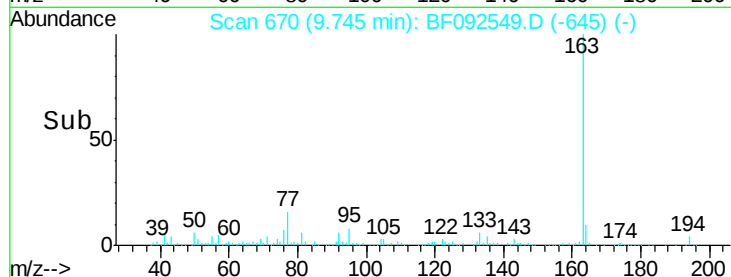
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

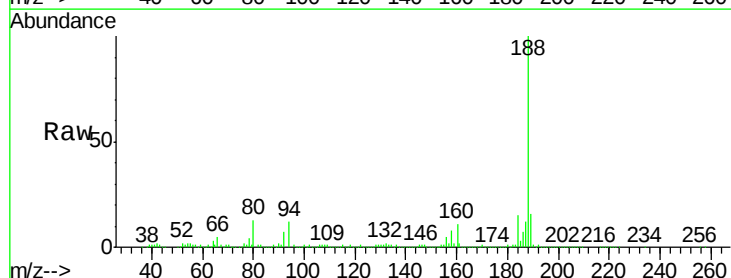
Tgt Ion:188 Resp: 600707

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

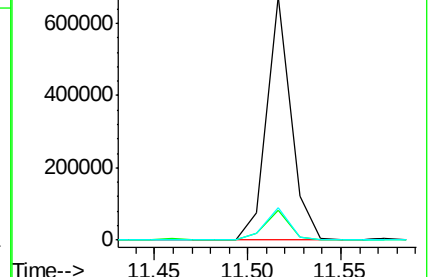
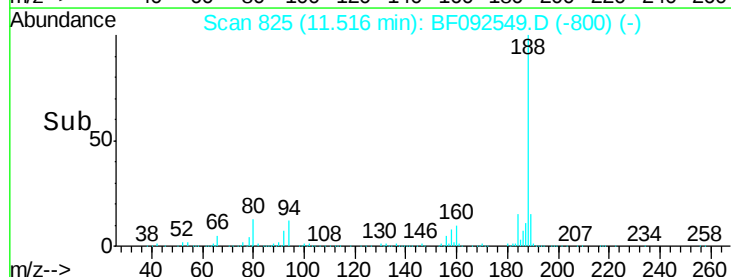
80 13.4 11.2 16.8

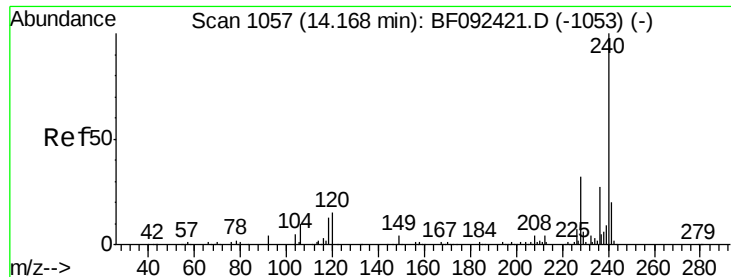


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampleId :

W-38

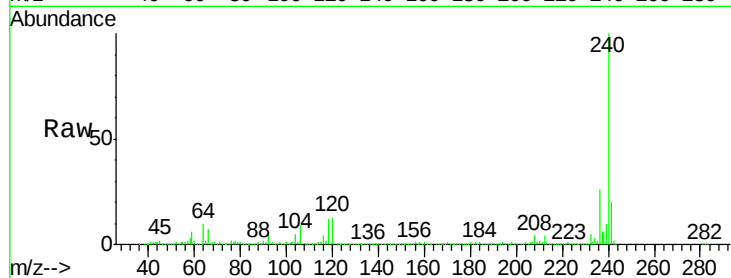
Tot Ion:240 Resp: 476913

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

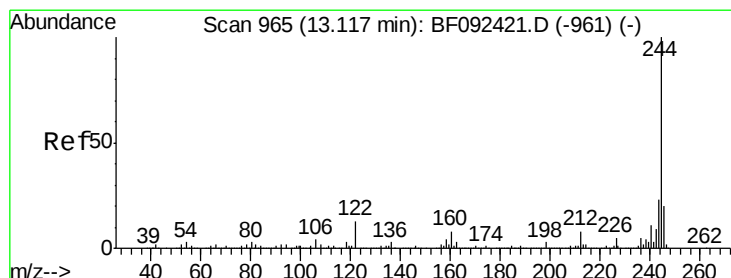
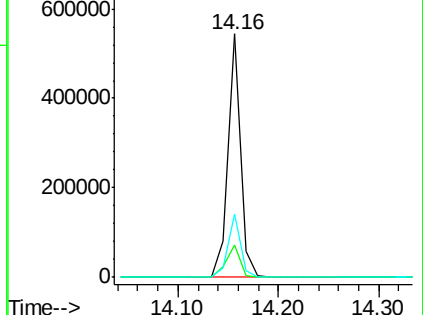
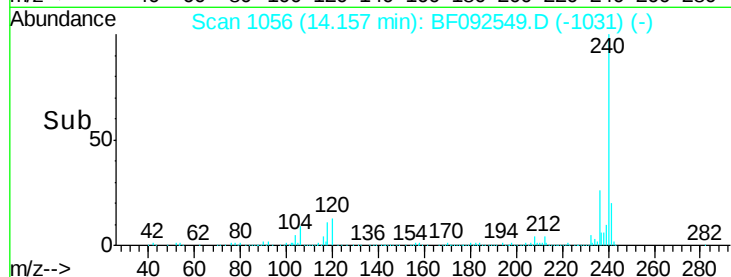
236 26.2 20.9 31.3



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: 91.31 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

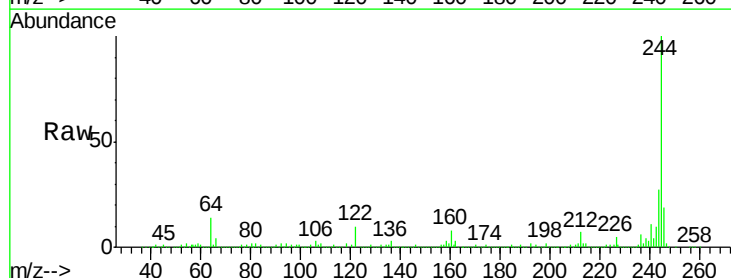
Tgt Ion:244 Resp: 1635264

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

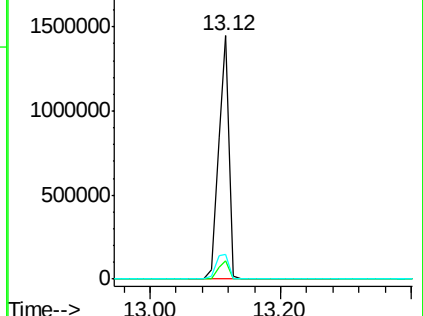
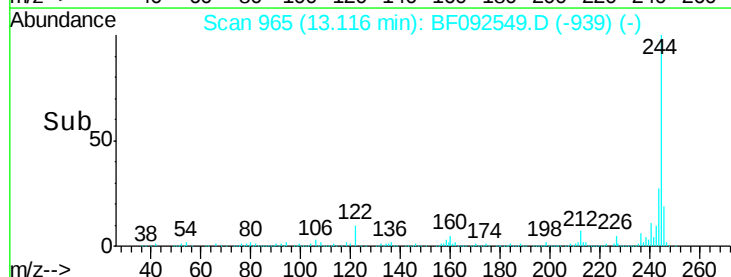
122 10.1 11.4 17.2#

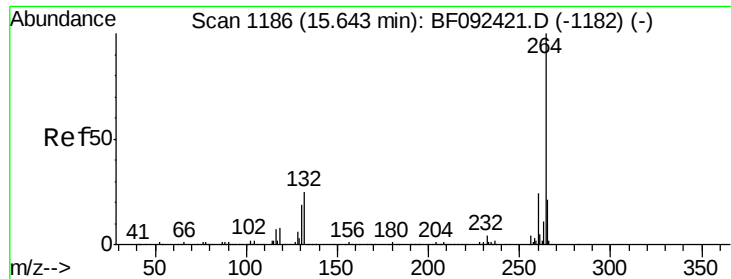


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 264 Resp: 364440
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.4 17.4 26.0

