

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092547.D
 Acq On : 27 Jan 2017 1:32
 Operator : SJ/MA
 Sample : I1451-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Quant Time: Jan 27 06:11:32 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

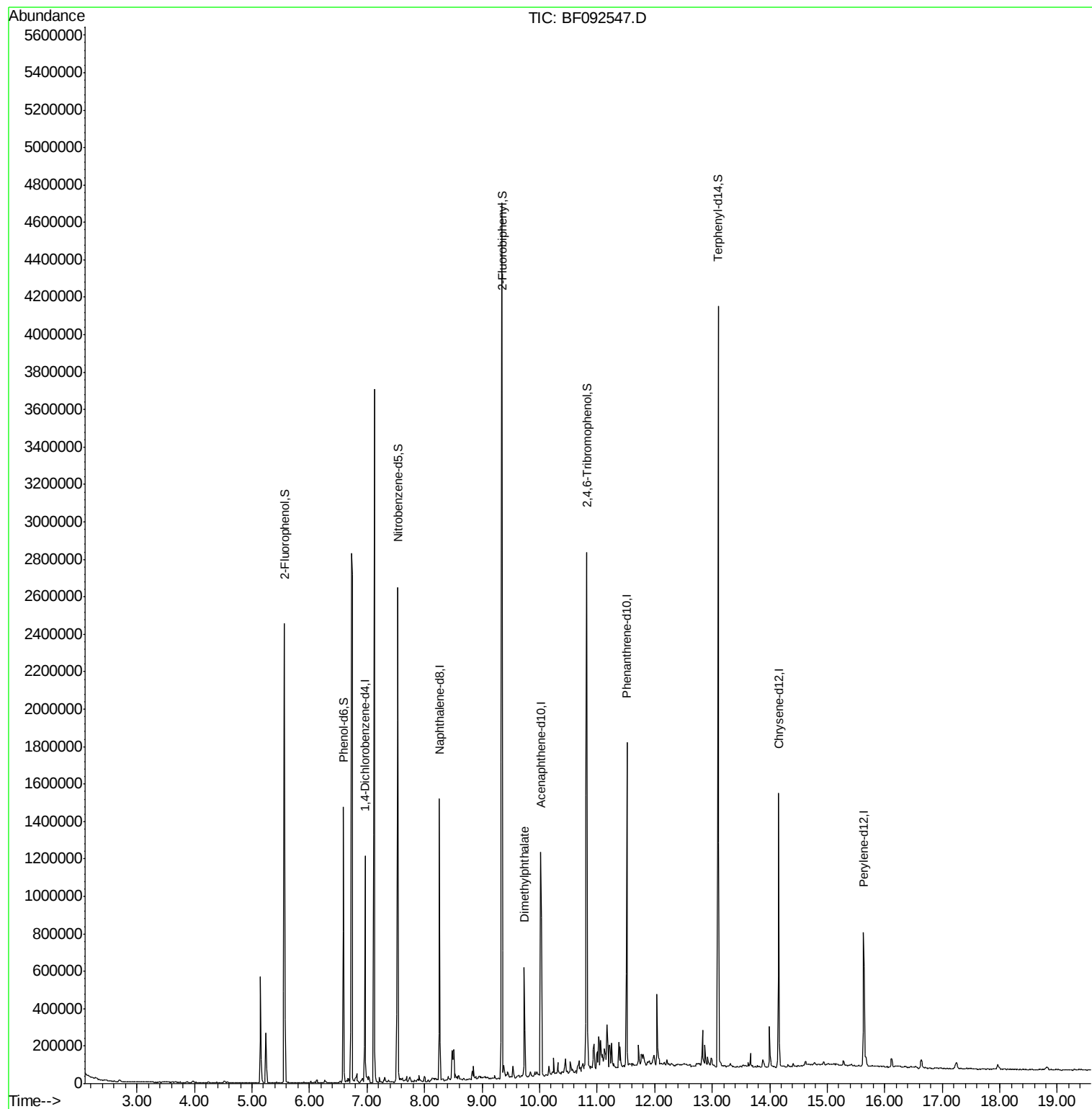
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166387	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648342	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	358388	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	644154	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	526565	20.00	ng	-0.01
86) Perylene-d12	15.63	264	370344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	618572	57.84	ng	0.01
7) Phenol-d6	6.59	99	563147	41.34	ng	0.00
23) Nitrobenzene-d5	7.54	82	1139810	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	354917	145.32	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1676506	86.50	ng	-0.01
78) Terphenyl-d14	13.11	244	1464592	74.06	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.73	163	271961	11.93	ng	99

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

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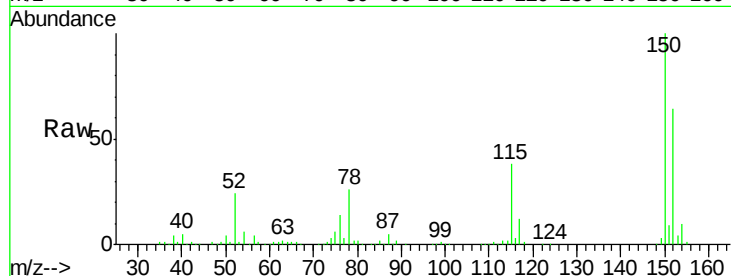


#1

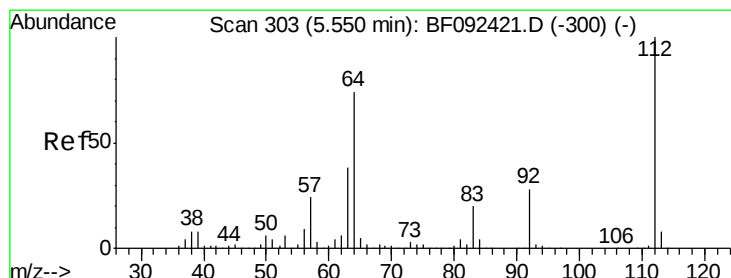
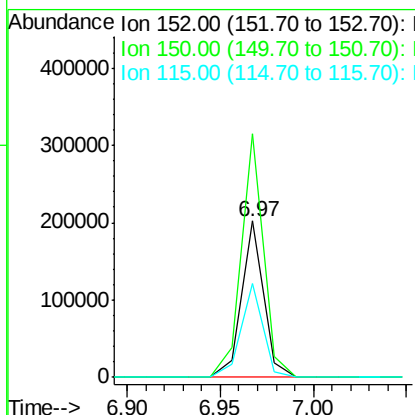
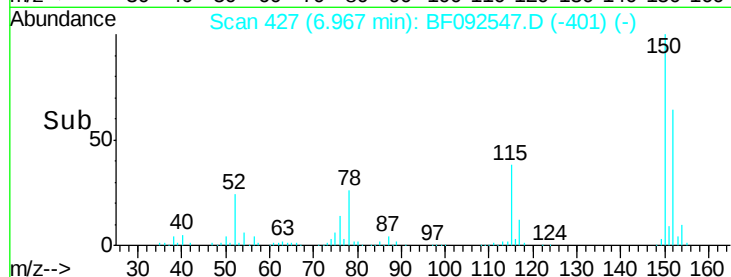
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	59.7	46.0	69.0



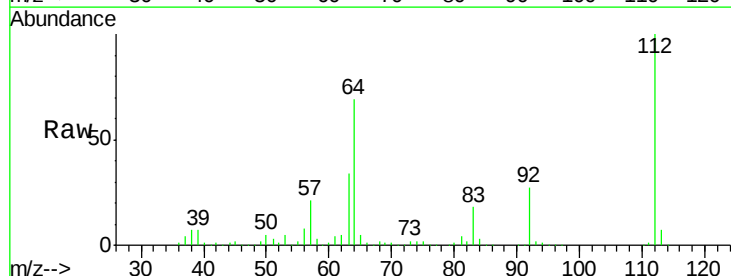
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



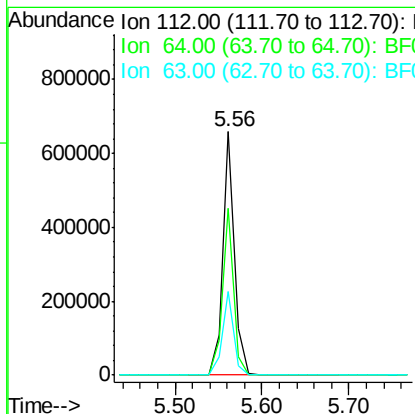
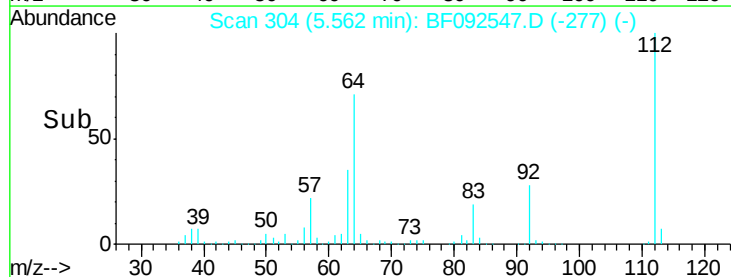
#5

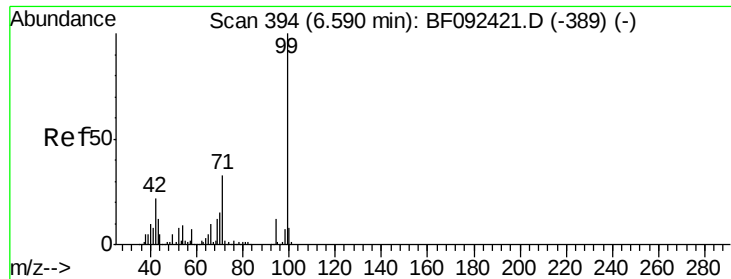
2-Fluorophenol
Concen: 57.84 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	46.1	69.1
63	34.2	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: 41.34 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

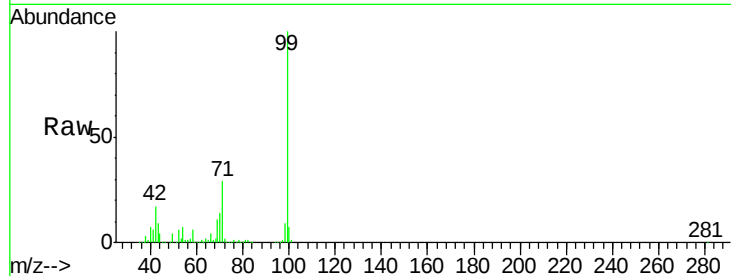
Tot Ion: 99 Resp: 563147

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

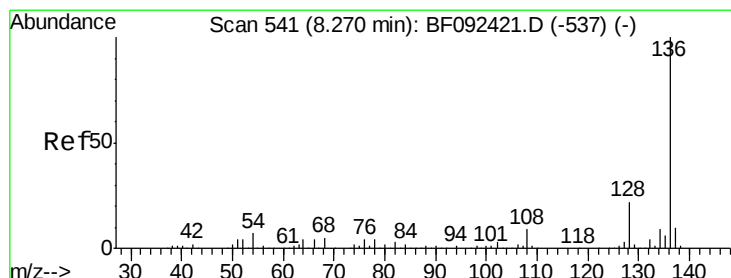
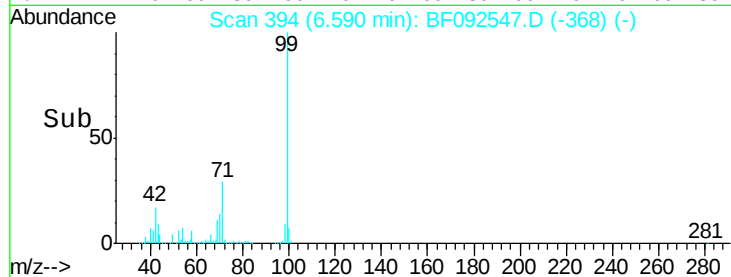
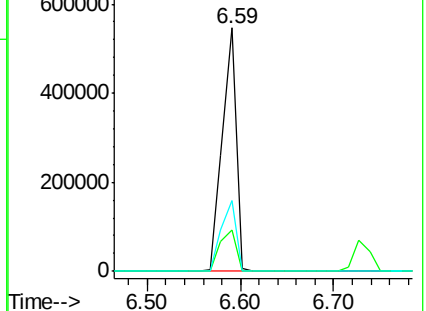
71 29.2 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Tgt Ion: 136 Resp: 648342

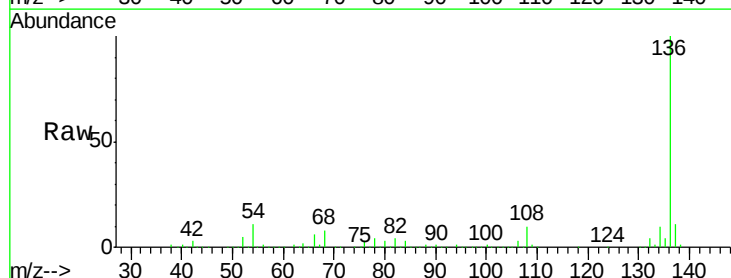
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.7 4.5 6.7#

68 7.6 3.6 5.4#

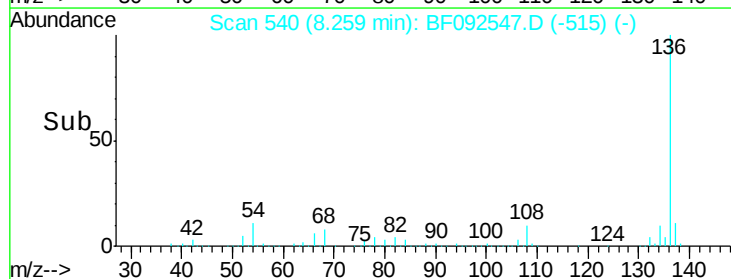
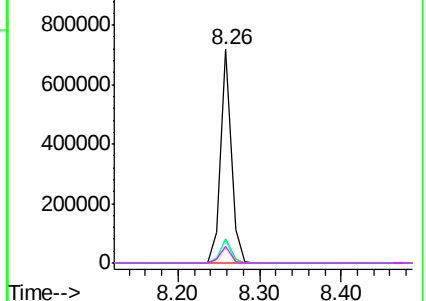


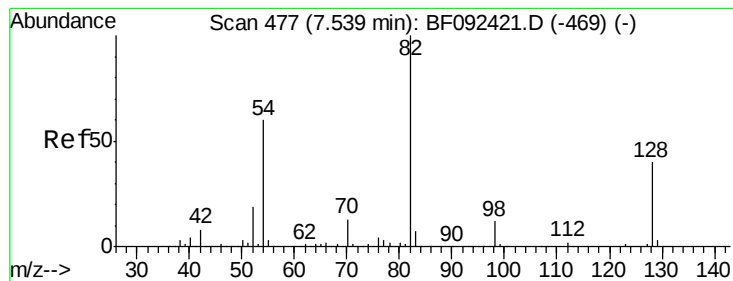
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.03 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

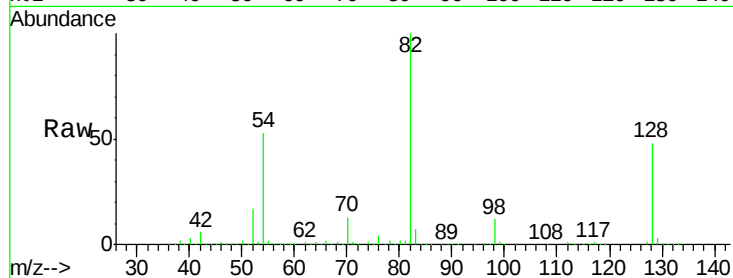
Tot Ion: 82 Resp: 1139810

Ion Ratio Lower Upper

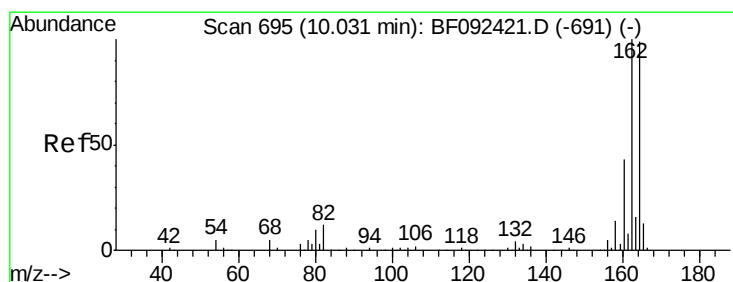
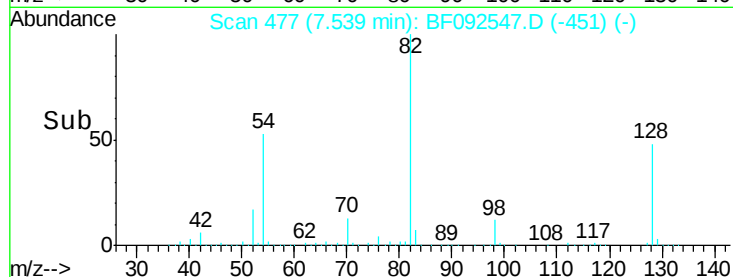
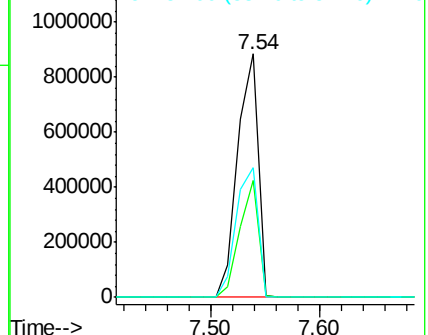
82 100

128 47.9 34.6 52.0

54 53.1 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: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

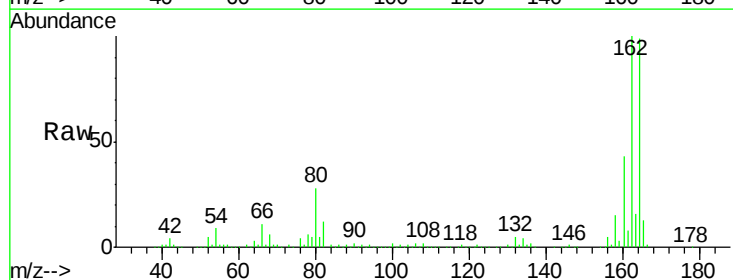
Tgt Ion:164 Resp: 358388

Ion Ratio Lower Upper

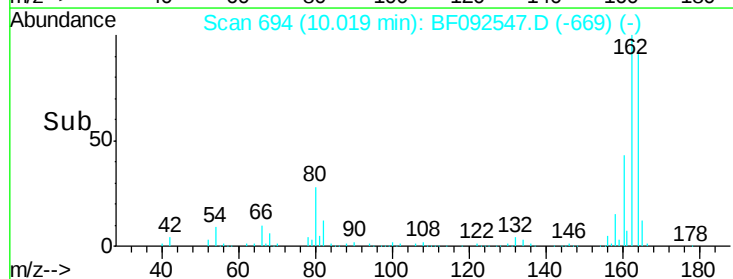
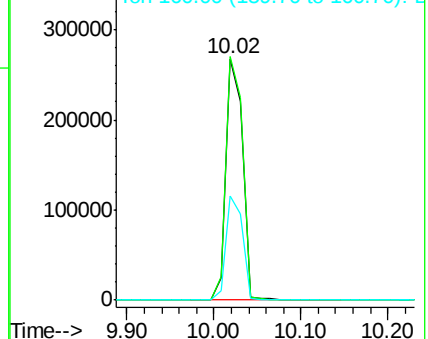
164 100

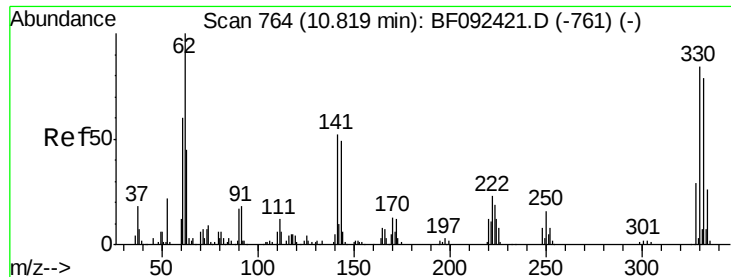
162 101.0 80.2 120.2

160 43.4 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

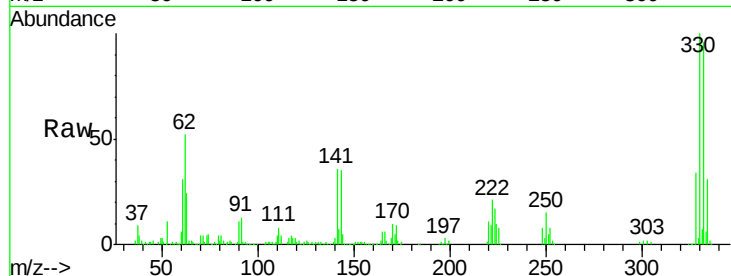




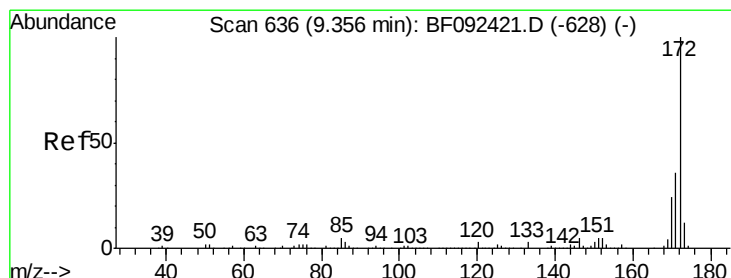
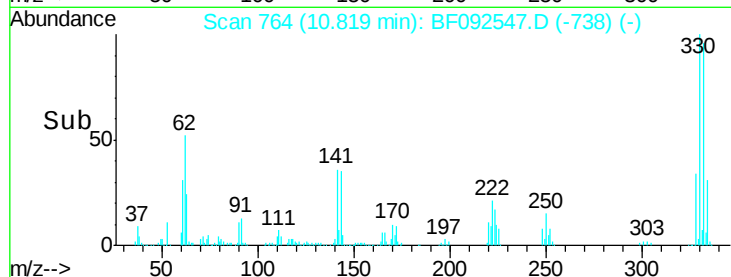
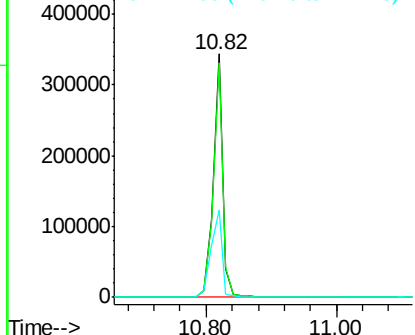
#41
 2,4,6-Tribromophenol
 Concen: 145.32 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tot Ion:330 Resp: 354917
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 42.0 34.1 51.1

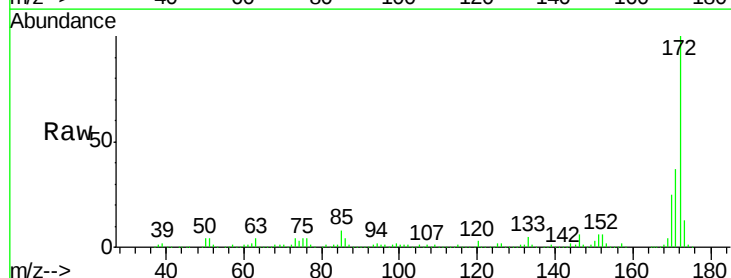


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

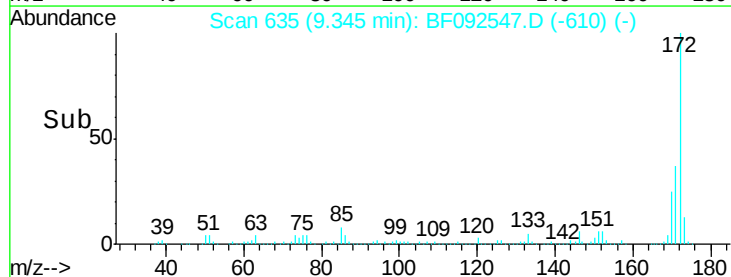
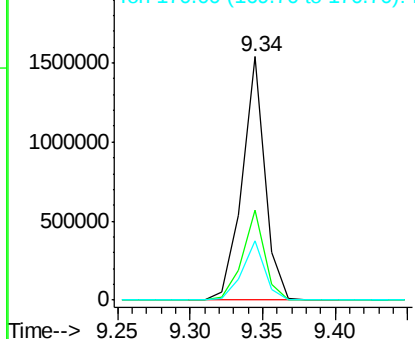


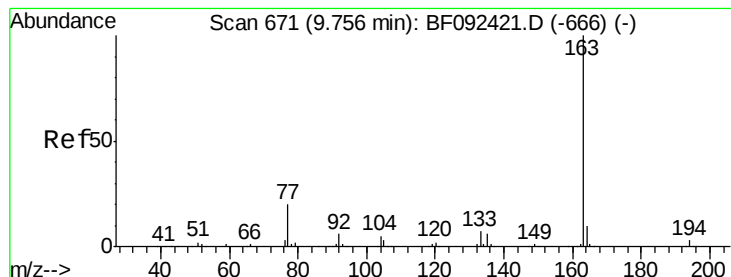
#44
 2-Fluorobiphenyl
 Concen: 86.50 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

Tgt Ion:172 Resp: 1676506
 Ion Ratio Lower Upper
 172 100
 171 36.9 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





#49

Dimethylphthalate

Concen: 11.93 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

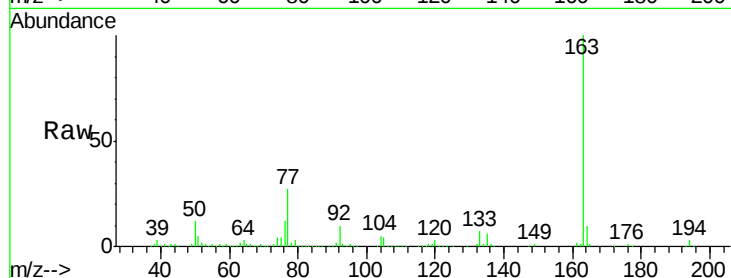
Tot Ion:163 Resp: 271961

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

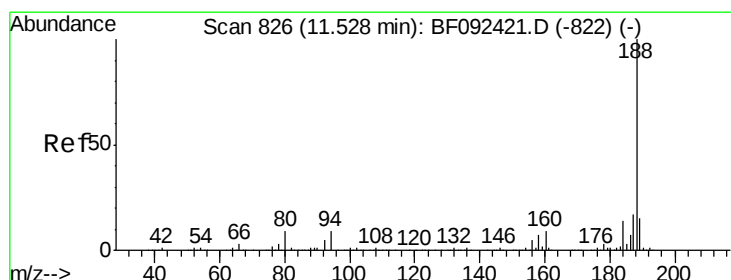
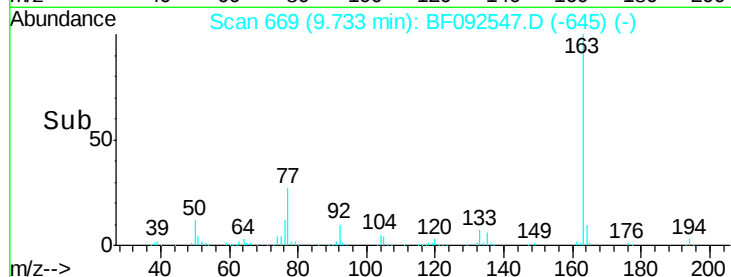
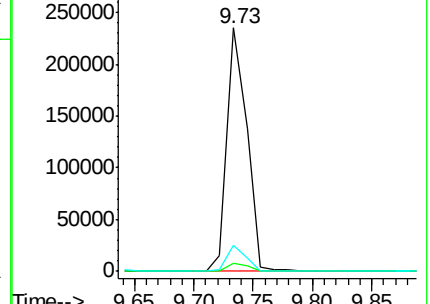
164 10.5 8.0 12.0



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: BF092547.D

Acq: 27 Jan 2017 1:32

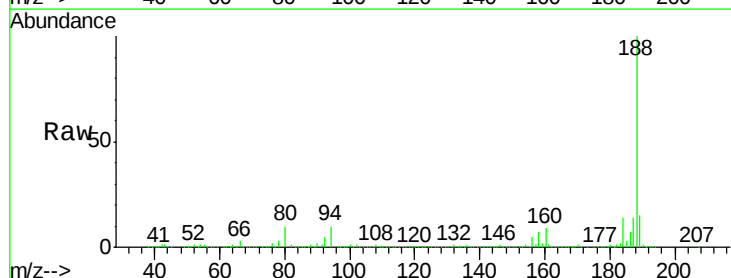
Tgt Ion:188 Resp: 644154

Ion Ratio Lower Upper

188 100

94 10.0 10.0 15.0#

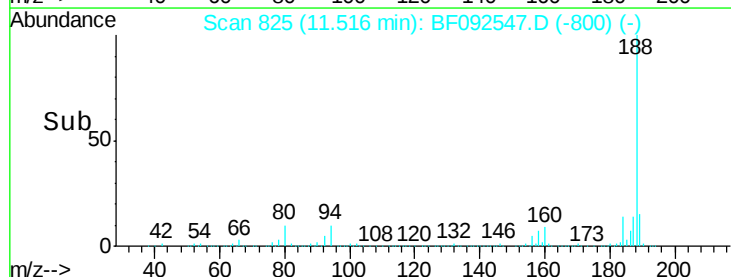
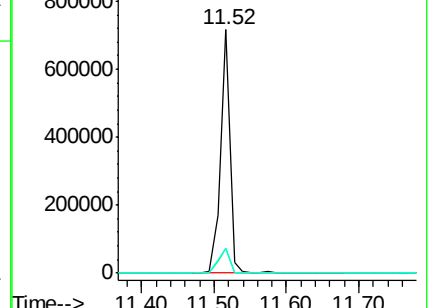
80 10.4 11.2 16.8#

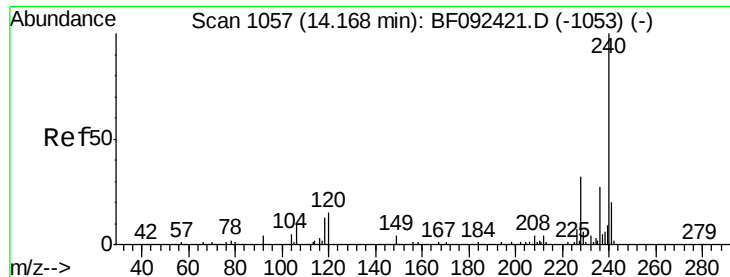


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

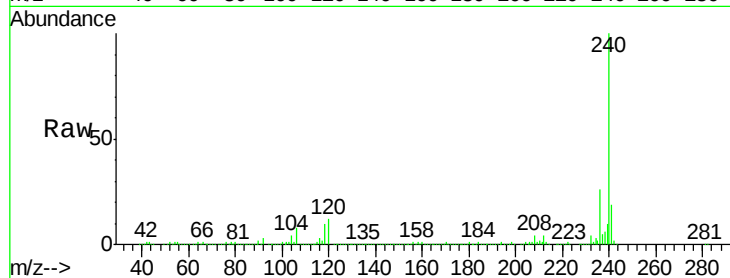
Tot Ion:240 Resp: 526565

Ion Ratio Lower Upper

240 100

120 11.7 12.9 19.3#

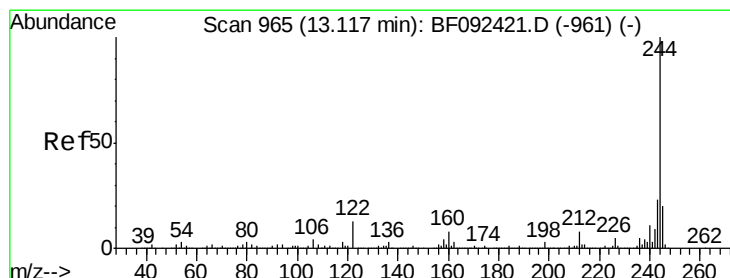
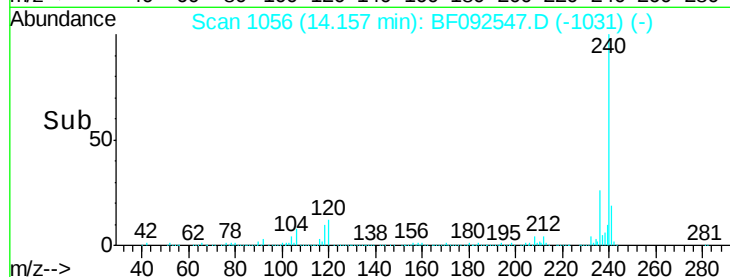
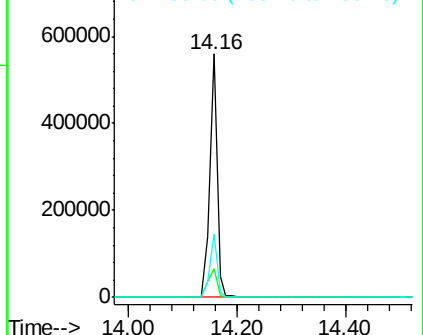
236 25.9 20.9 31.3



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: 74.06 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

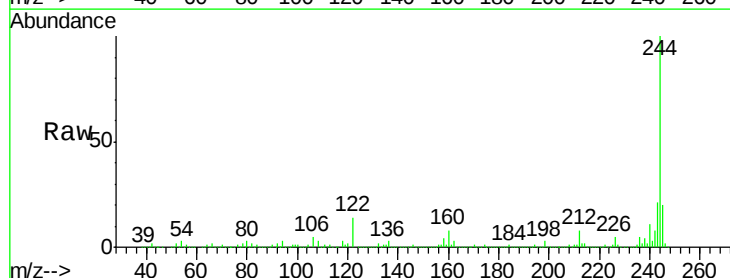
Tgt Ion:244 Resp: 1464592

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

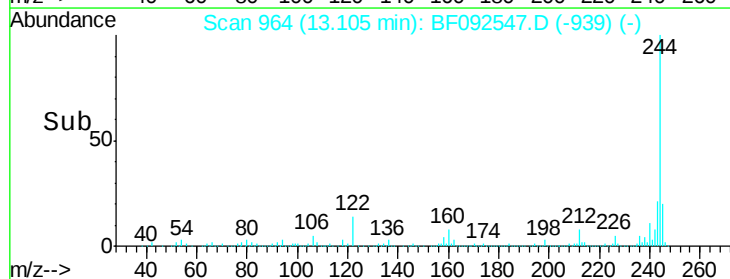
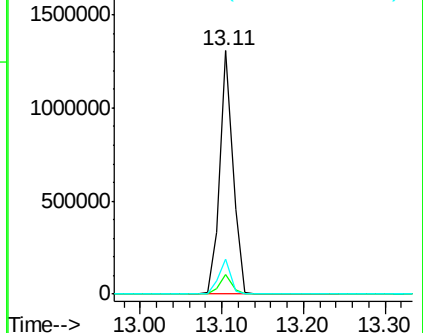
122 14.2 11.4 17.2

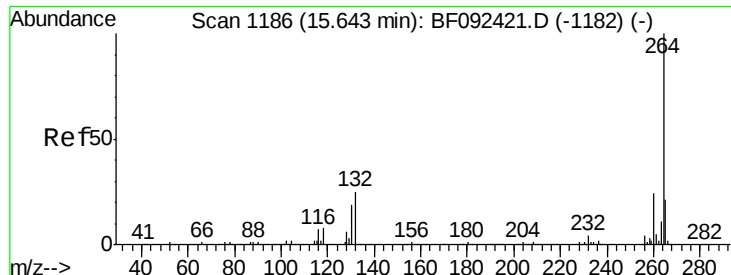


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

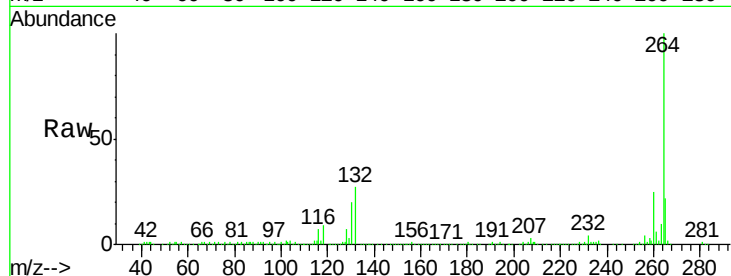




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tot Ion: 264 Resp: 370344
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.6 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

