

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092458.D
 Acq On : 25 Jan 2017 4:42
 Operator : UM/SJ
 Sample : I1397-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jan 25 05:43:44 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	158568	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	628032	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	318879	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	489121	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	320507	20.00	ng	-0.01
86) Perylene-d12	15.63	264	299726	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	668557	65.60	ng	0.00
7) Phenol-d6	6.58	99	554512	42.71	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1098615	95.56	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	292841	134.76	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1511193	87.63	ng	-0.01
78) Terphenyl-d14	13.10	244	998793	82.98	ng	-0.01

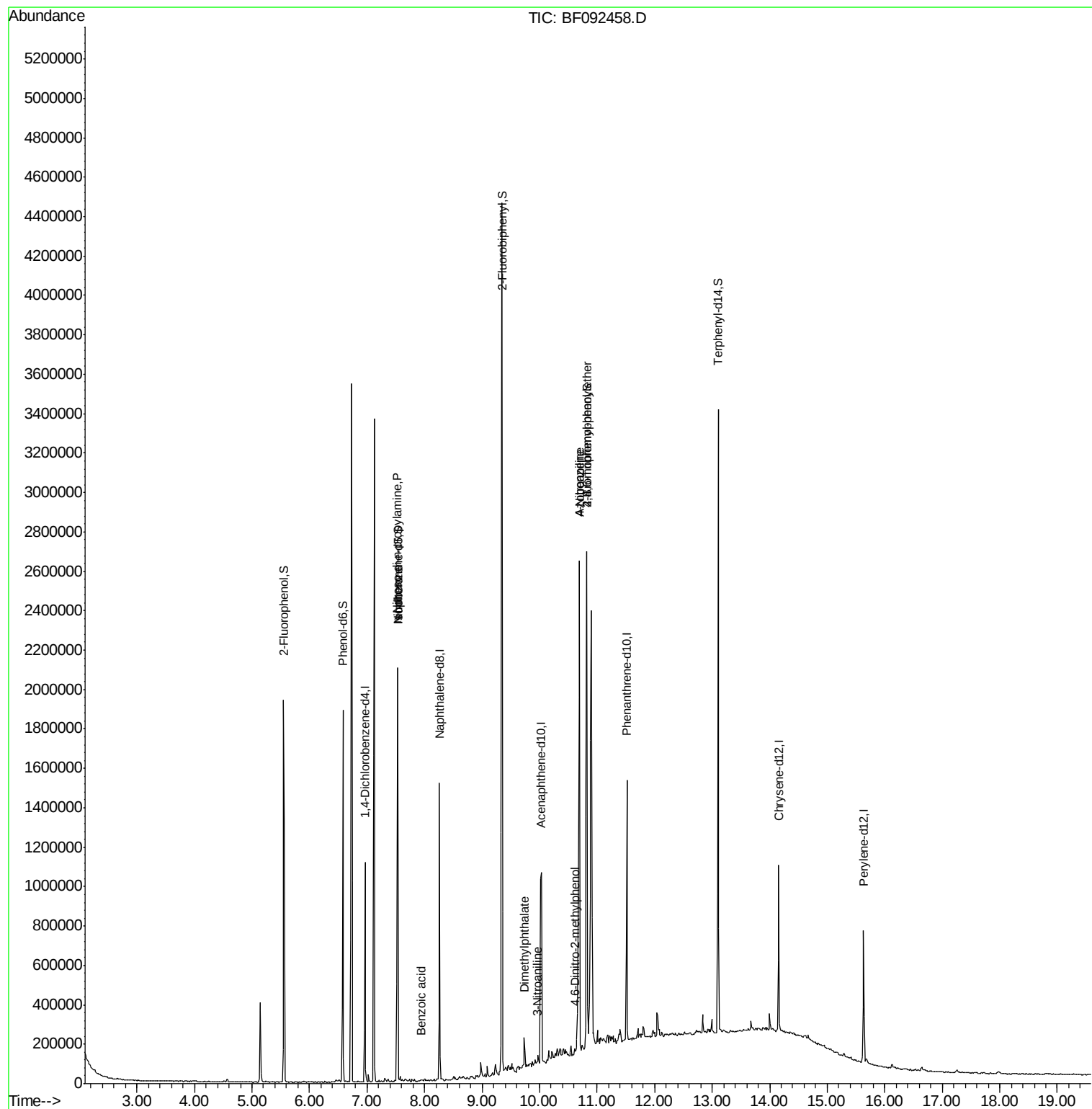
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	143933	16.28	ng	# 85
25) Isophorone	7.54	82	984244	43.44	ng	# 65
32) Benzoic acid	7.94	122	1653	4.88	ng	# 75
49) Dimethylphthalate	9.73	163	74622	3.68	ng	# 97
52) 3-Nitroaniline	9.96	138	10769	2.07	ng	# 9
61) 4-Nitroaniline	10.69	138	12802	2.47	ng	# 1
62) Azobenzene	10.69	77	77313	3.49	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.61	198	717	5.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	22752	4.61	ng	# 1

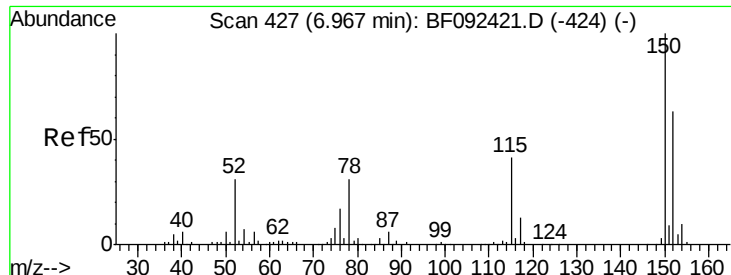
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

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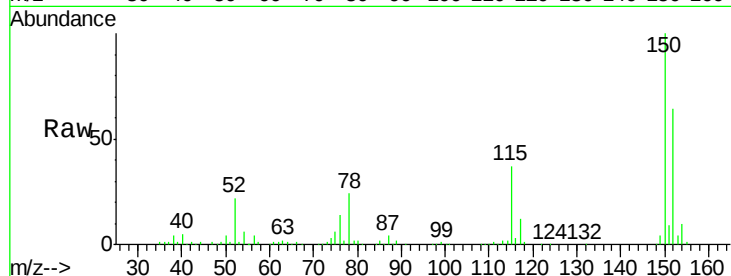
Tgt Ion:152 Resp: 158568

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

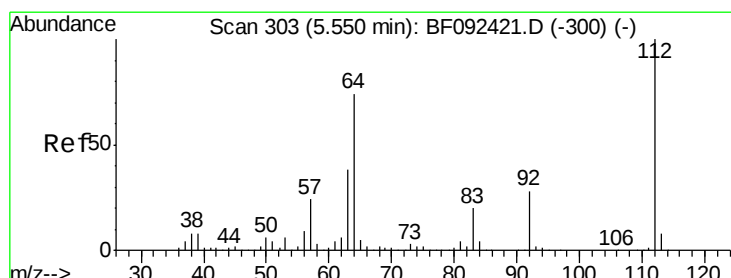
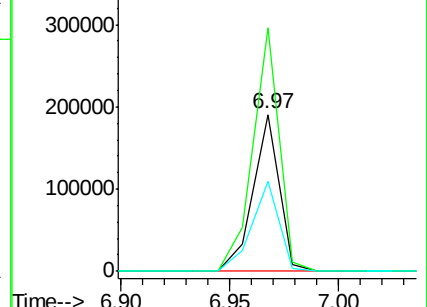
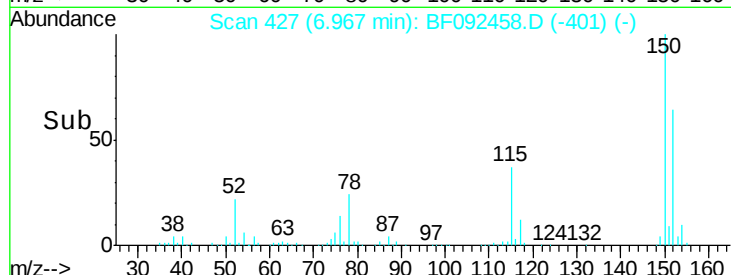
115 57.9 46.0 69.0



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: 65.60 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

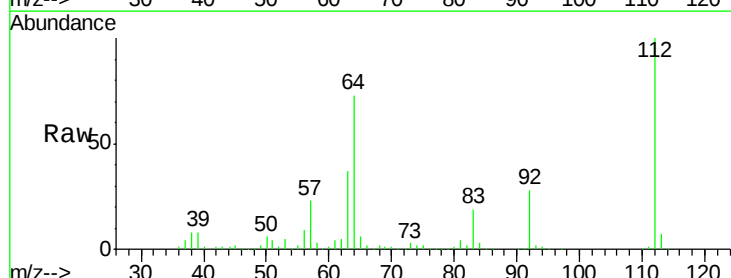
Tgt Ion:112 Resp: 668557

Ion Ratio Lower Upper

112 100

64 72.8 46.1 69.1#

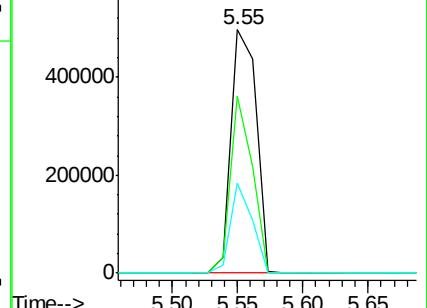
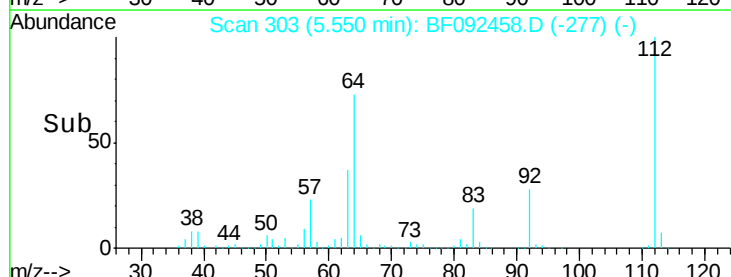
63 37.1 23.8 35.6#

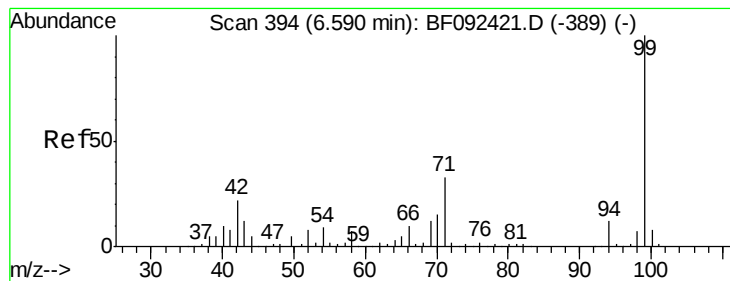


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.71 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampled :

W-12

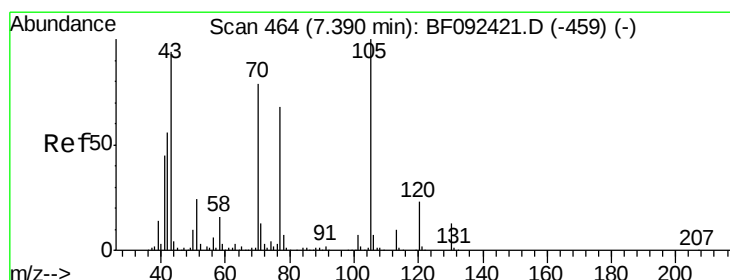
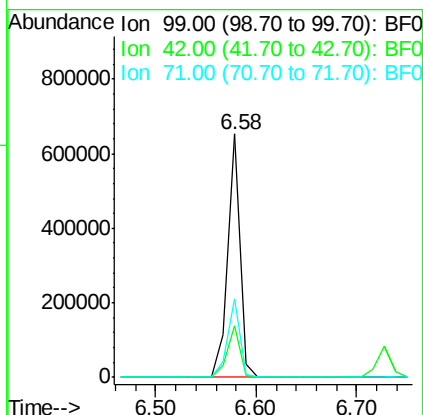
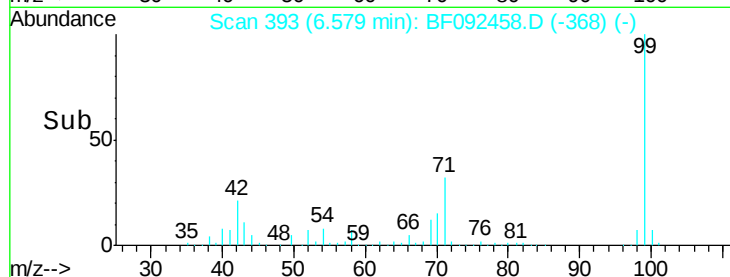
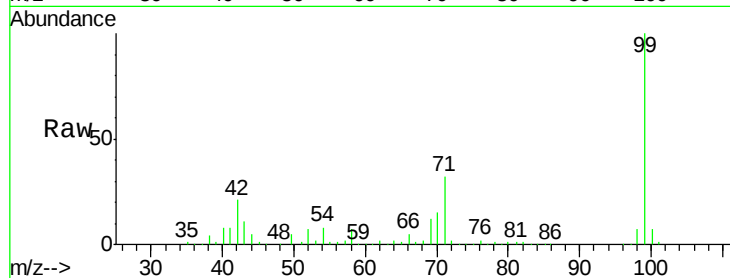
Tgt Ion: 99 Resp: 554512

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 32.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.28 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Tgt Ion: 70 Resp: 143933

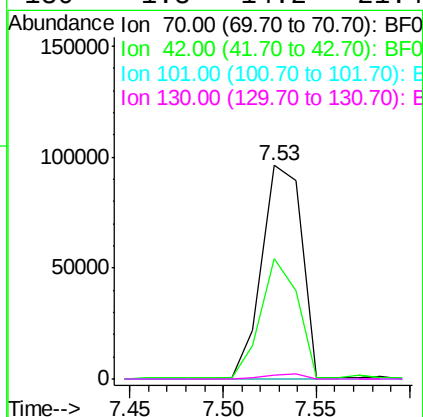
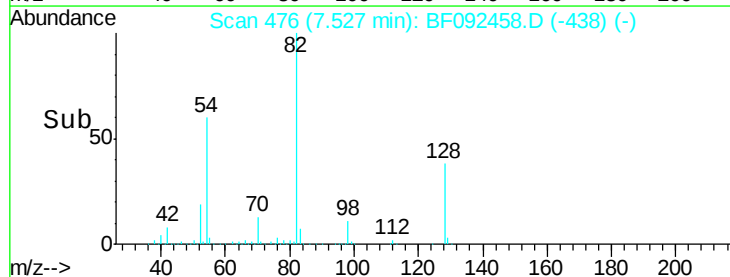
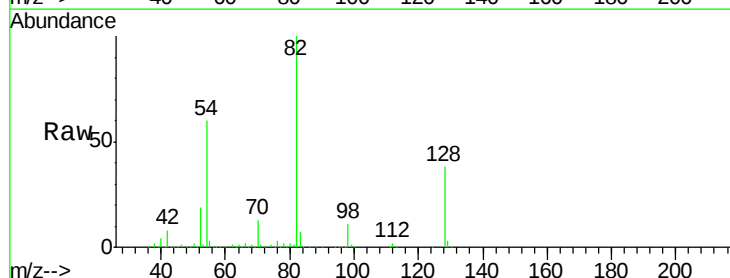
Ion Ratio Lower Upper

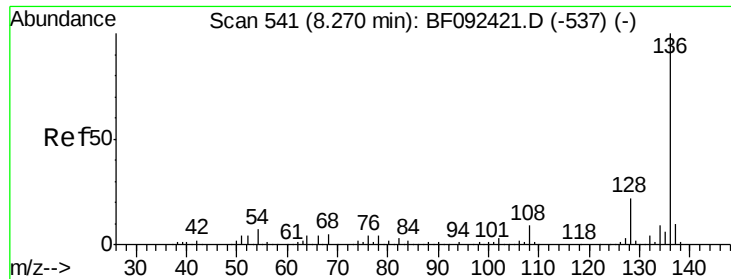
70 100

42 56.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

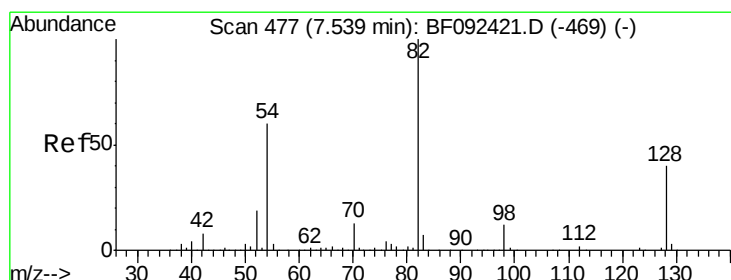
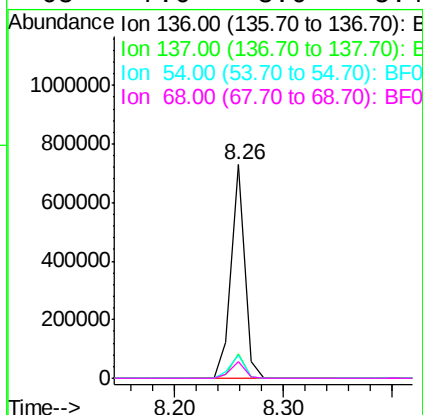
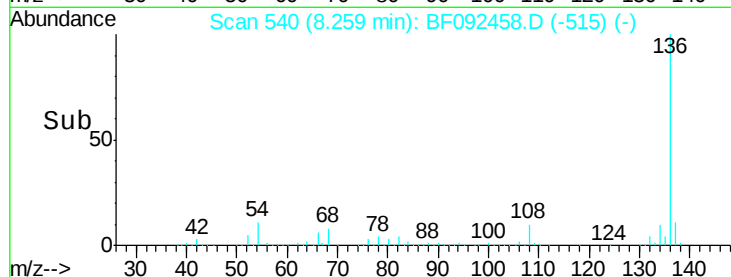
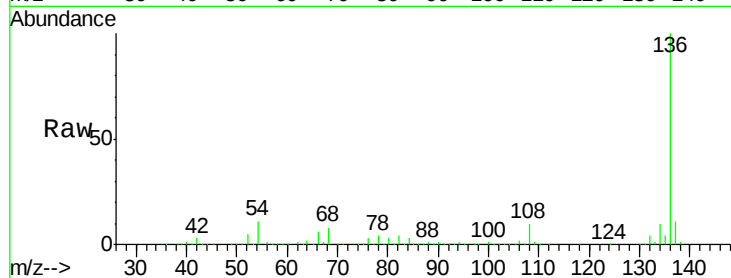




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092458.D
Acq: 25 Jan 2017 4:42

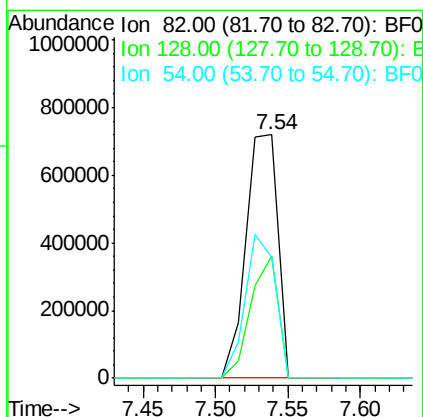
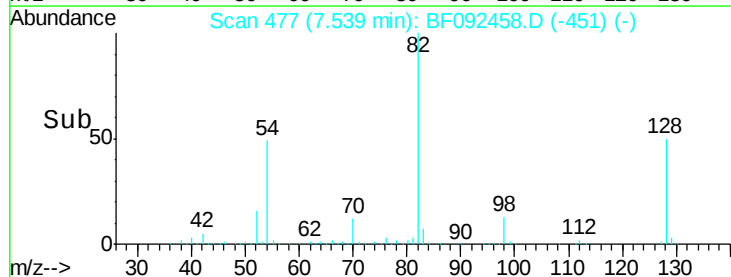
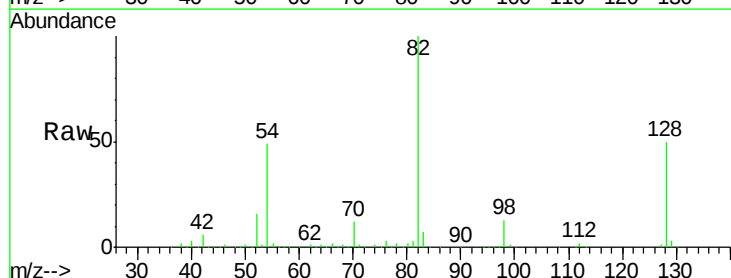
Instrument :
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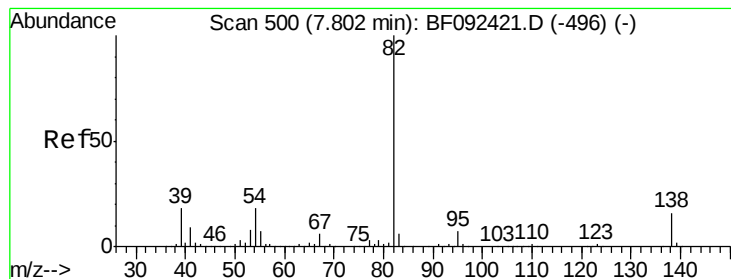
Tgt Ion:	136	Resp:	628032
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.5	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 95.56 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092458.D
Acq: 25 Jan 2017 4:42

Tgt Ion:	82	Resp:	1098615
Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.6	52.0
54	49.5	39.5	59.3





#25

Isophorone

Concen: 43.44 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampled :

W-12

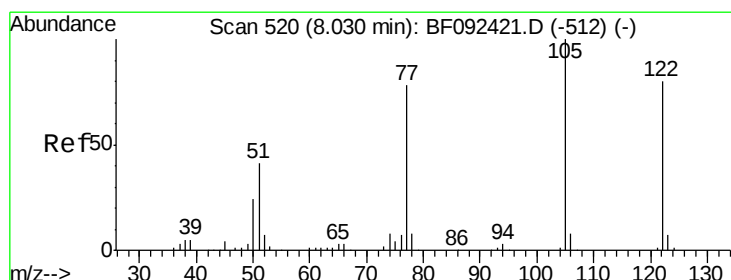
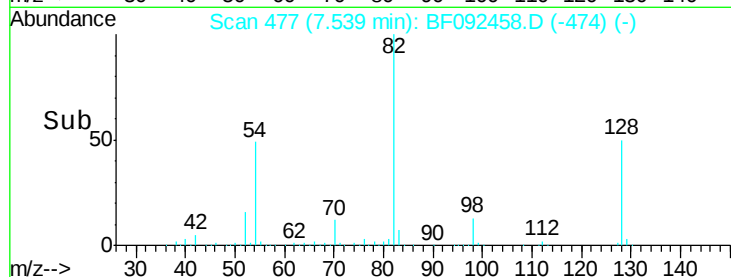
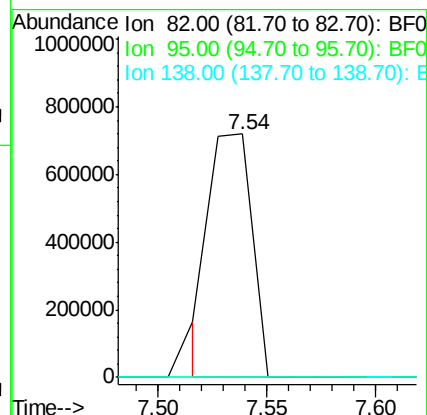
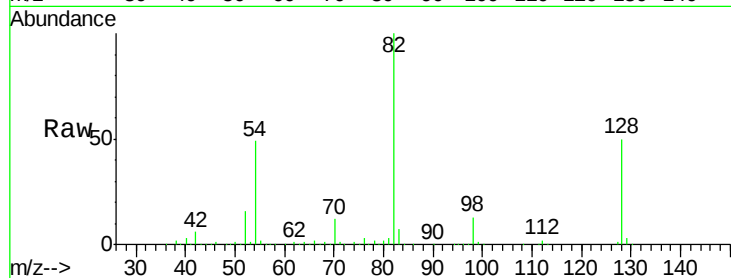
Tgt Ion: 82 Resp: 984244

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 4.88 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

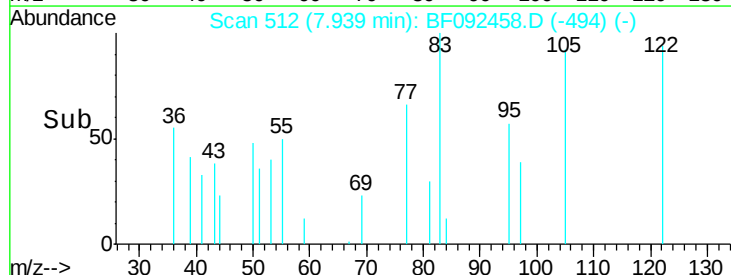
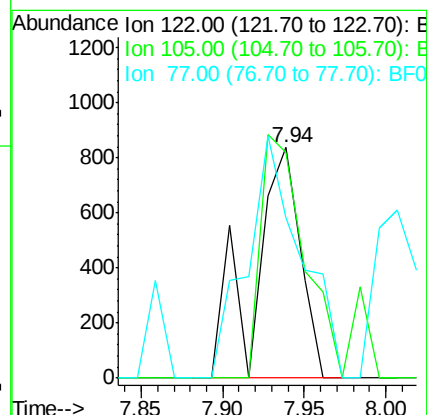
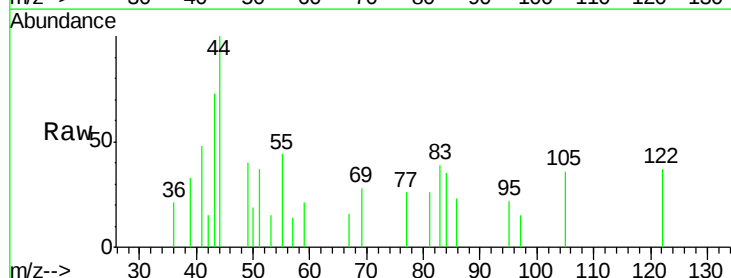
Tgt Ion: 122 Resp: 1653

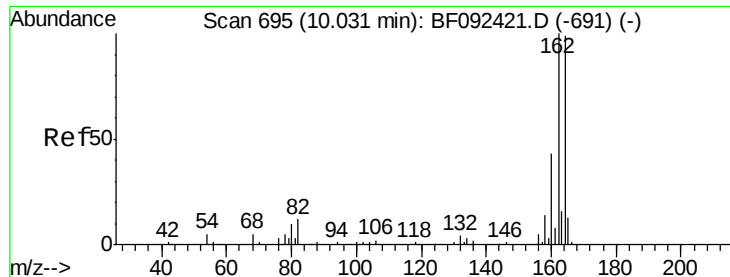
Ion Ratio Lower Upper

122 100

105 97.8 107.2 147.2#

77 69.9 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

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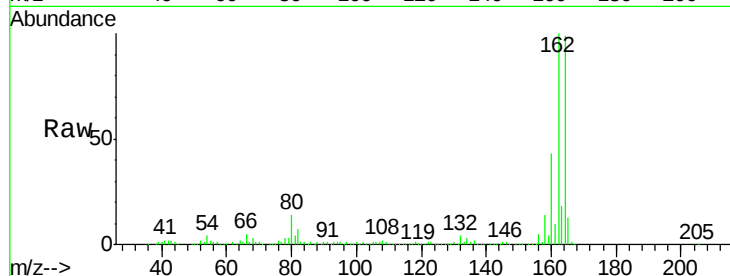
Tgt Ion:164 Resp: 318879

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

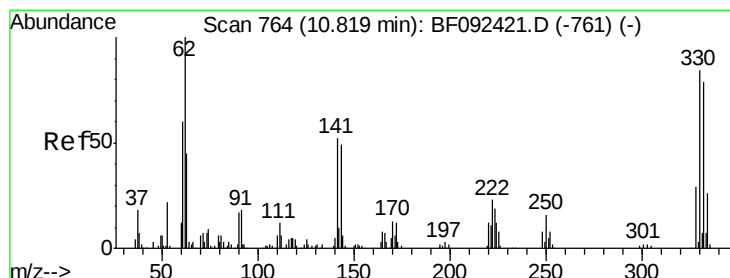
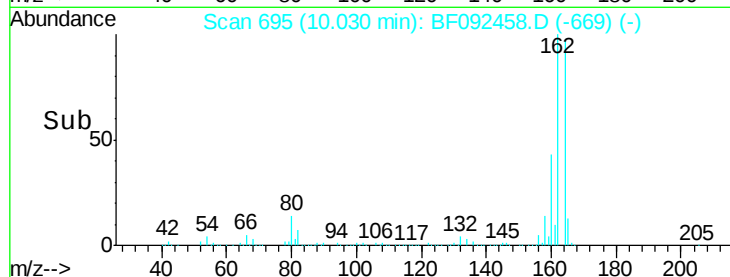
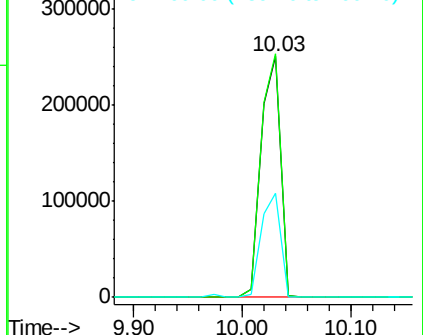
160 43.0 36.9 55.3



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: 134.76 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

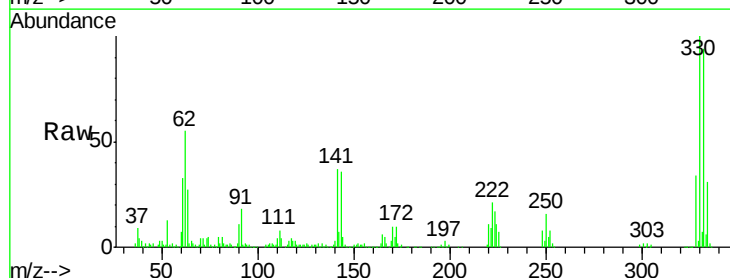
Tgt Ion:330 Resp: 292841

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

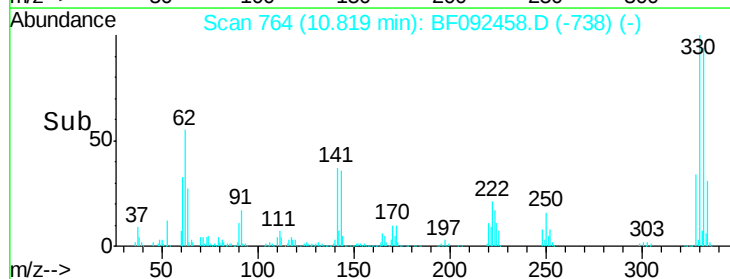
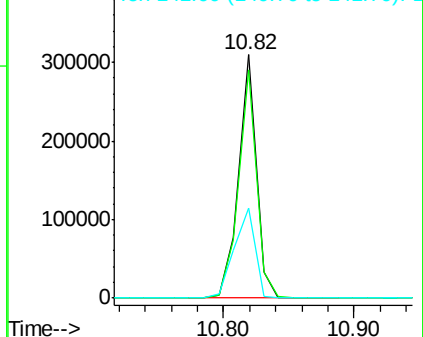
141 42.9 34.1 51.1

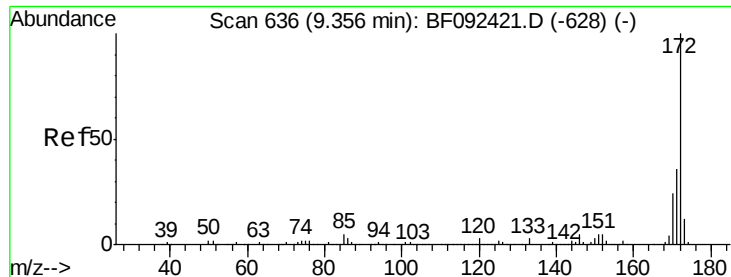


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

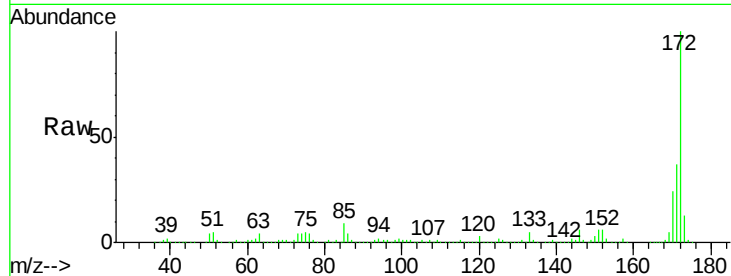




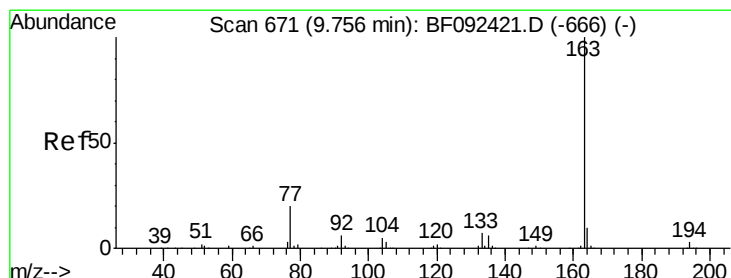
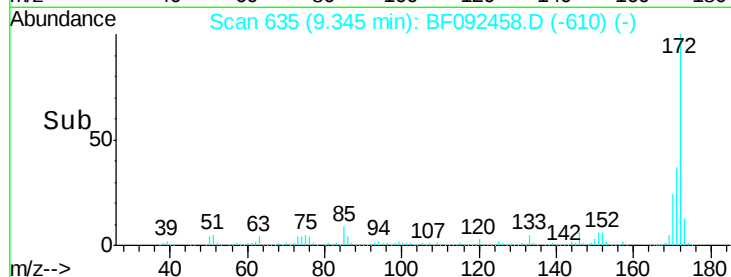
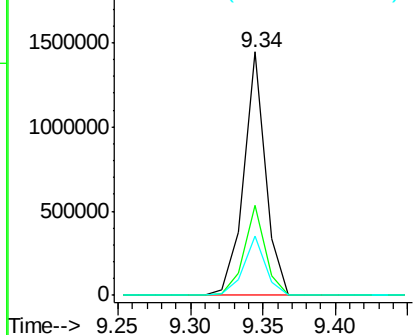
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

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Tgt Ion:172 Resp: 1511193
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.2 20.2 30.4

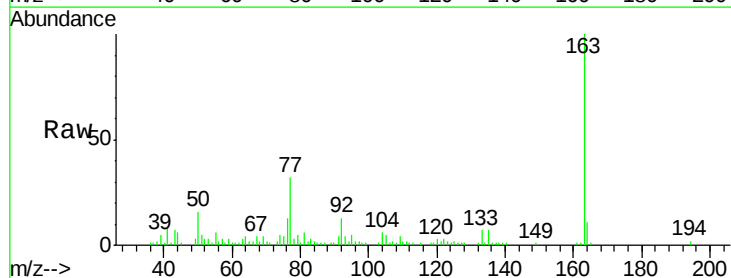


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

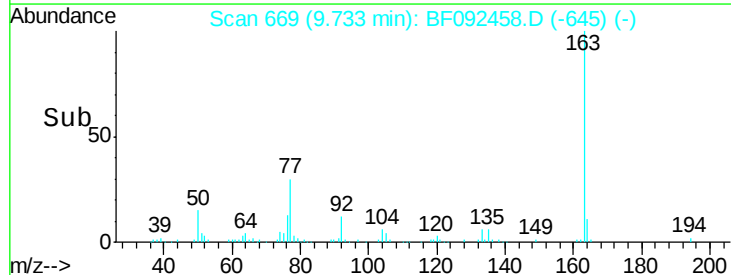
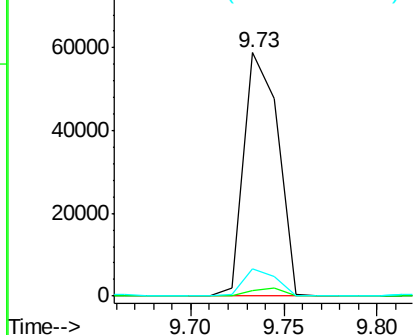


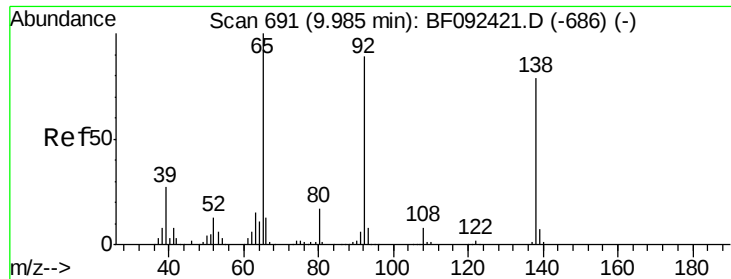
#49
 Dimethylphthalate
 Concen: 3.68 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Tgt Ion:163 Resp: 74622
 Ion Ratio Lower Upper
 163 100
 194 2.5 3.0 4.4#
 164 11.3 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





#52

3-Nitroaniline

Concen: 2.07 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampled :

W-12

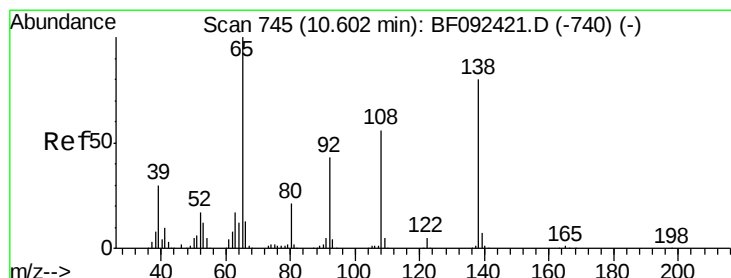
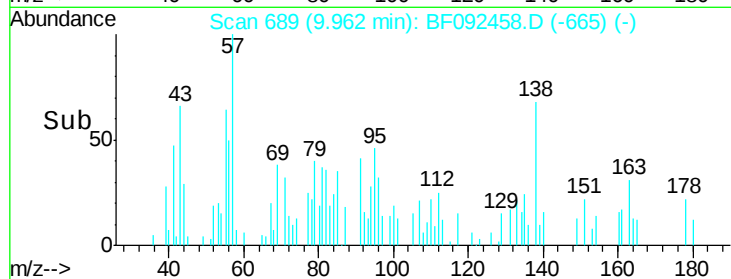
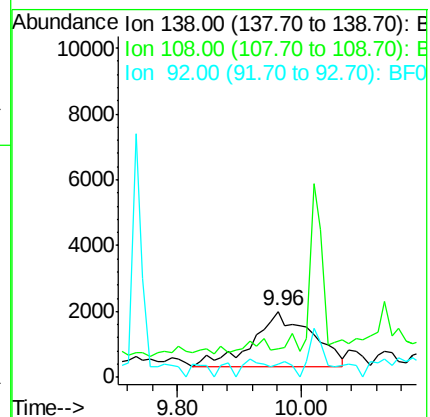
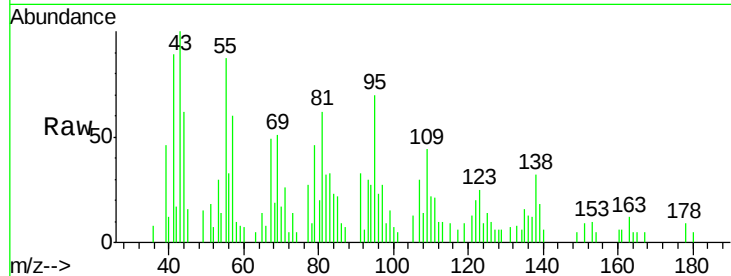
Tgt Ion:138 Resp: 10769

Ion Ratio Lower Upper

138 100

108 42.6 8.5 12.7#

92 19.9 97.8 146.8#



#61

4-Nitroaniline

Concen: 2.47 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.09 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

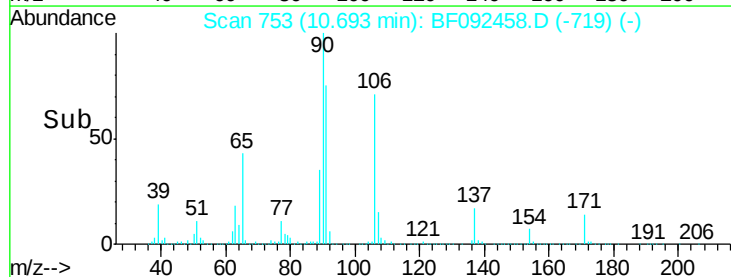
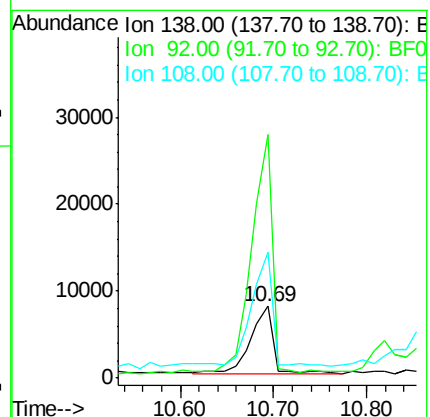
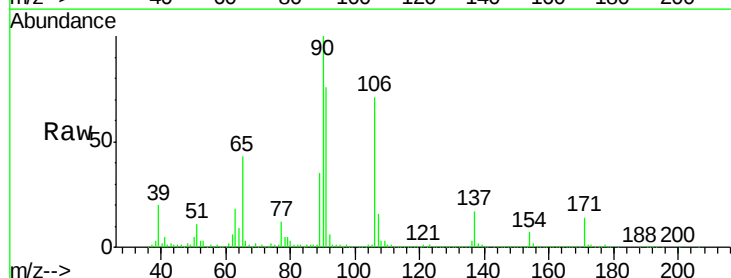
Tgt Ion:138 Resp: 12802

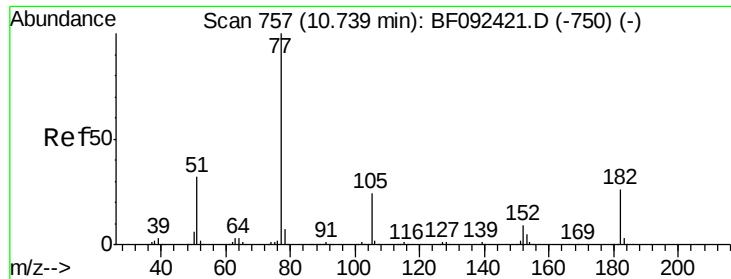
Ion Ratio Lower Upper

138 100

92 340.4 31.7 71.7#

108 175.5 52.6 92.6#





#62

Azobenzene

Concen: 3.49 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

W-12

Tgt Ion: 77 Resp: 77313

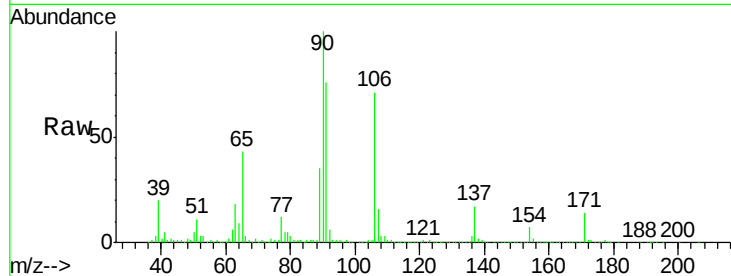
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.3

105 9.6 2.3 42.3

51 99.0 8.9 48.9#

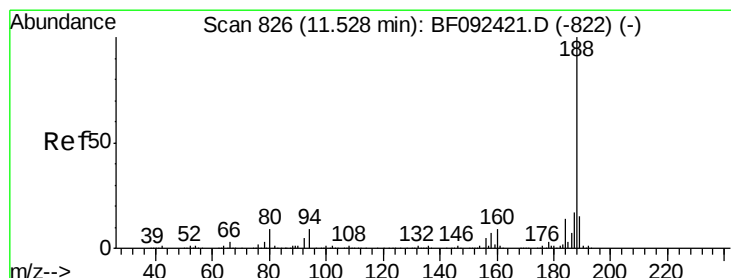
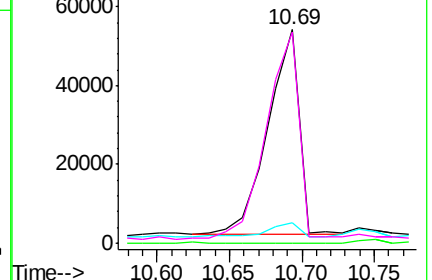
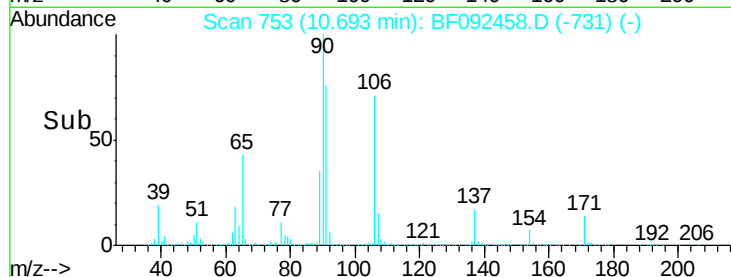


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

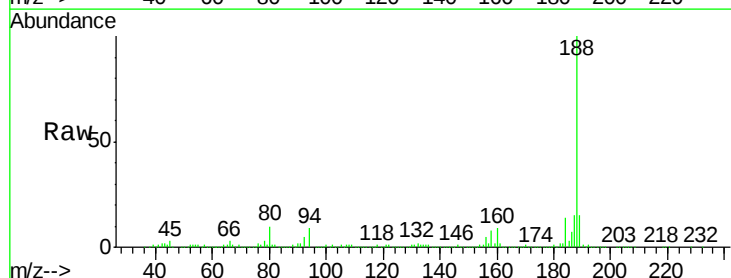
Tgt Ion: 188 Resp: 489121

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

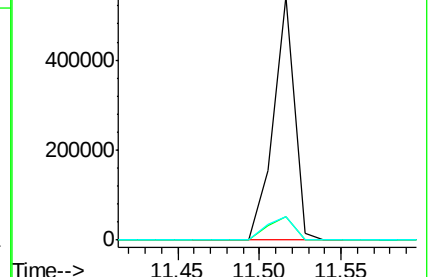
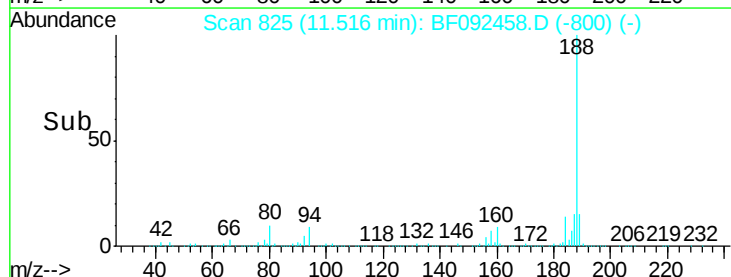
80 9.8 11.2 16.8#

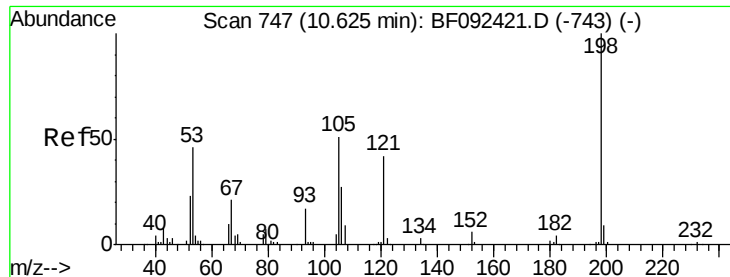


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

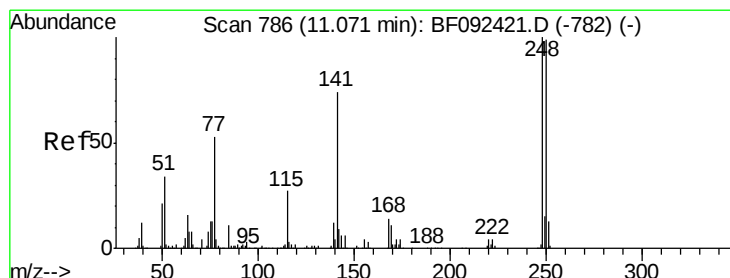
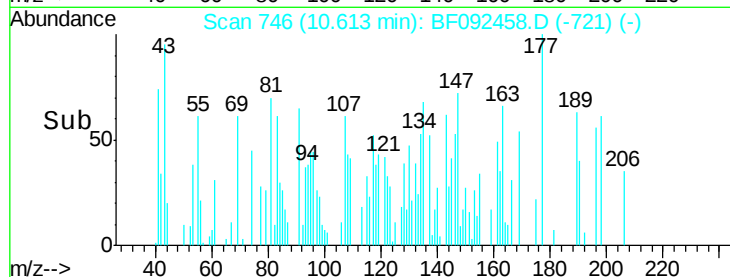
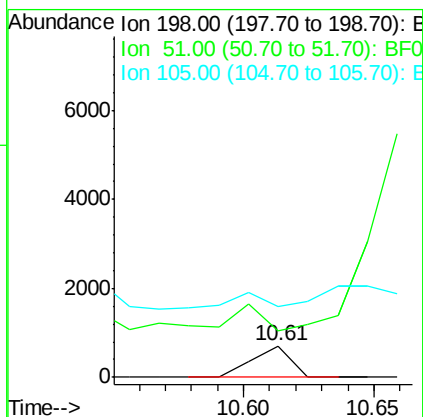
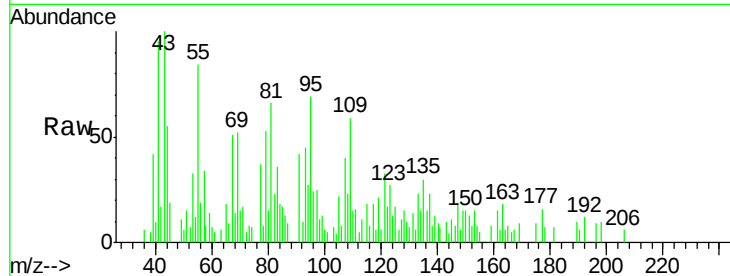




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.19 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

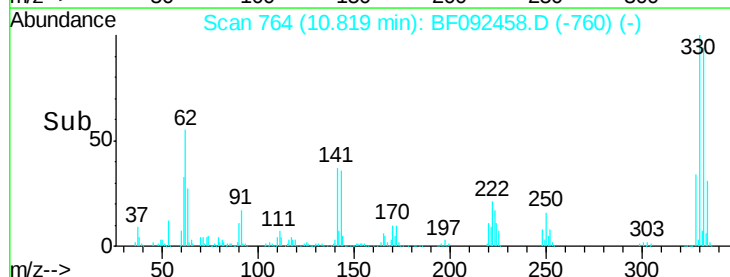
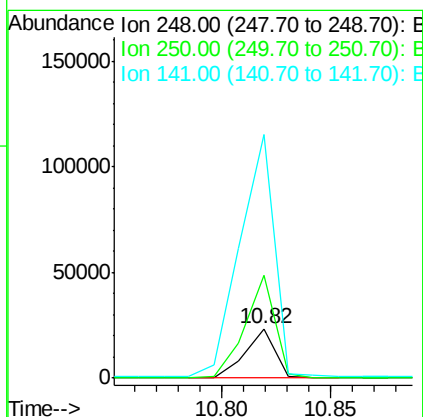
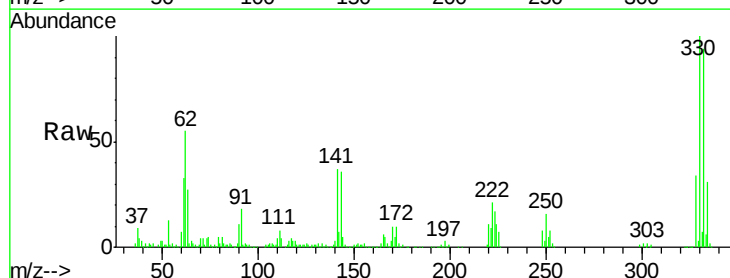
Instrument :
 BNA_F
 ClientSampled :
 W-12

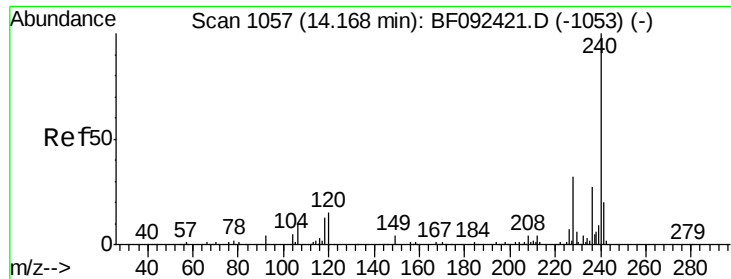
Tgt Ion:198 Resp: 717
 Ion Ratio Lower Upper
 198 100
 51 151.3 6.7 46.7#
 105 229.4 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Tgt Ion:248 Resp: 22752
 Ion Ratio Lower Upper
 248 100
 250 208.5 76.9 115.3#
 141 495.1 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

W-12

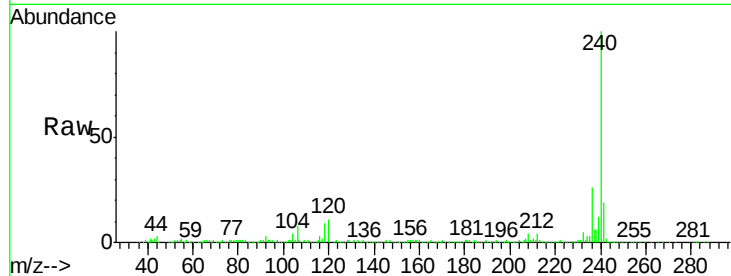
Tgt Ion:240 Resp: 320507

Ion Ratio Lower Upper

240 100

120 10.9 12.9 19.3#

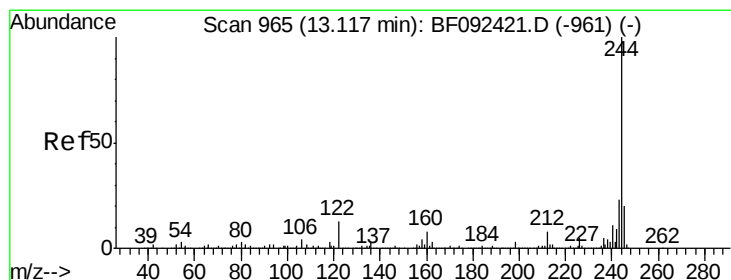
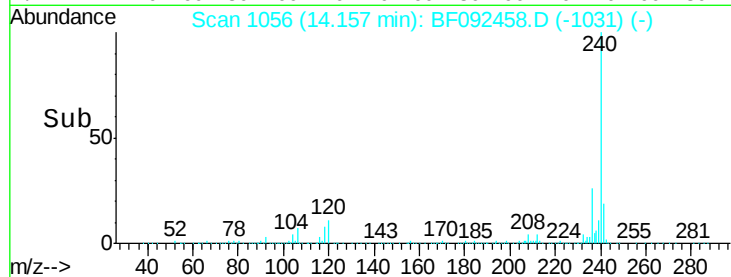
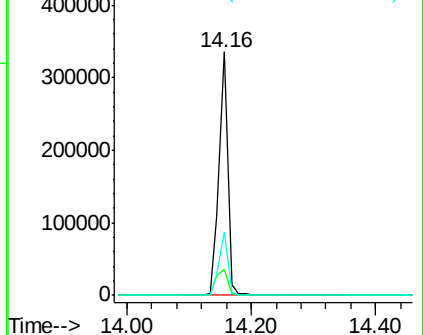
236 25.8 20.9 31.3



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: 82.98 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

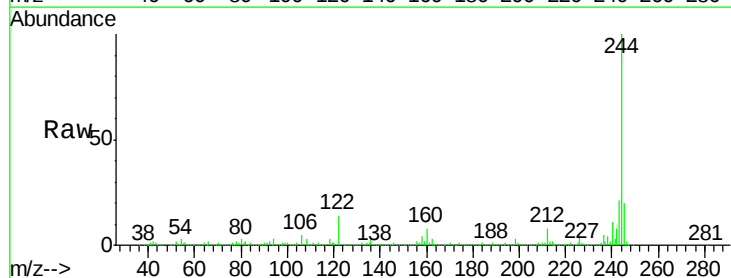
Tgt Ion:244 Resp: 998793

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

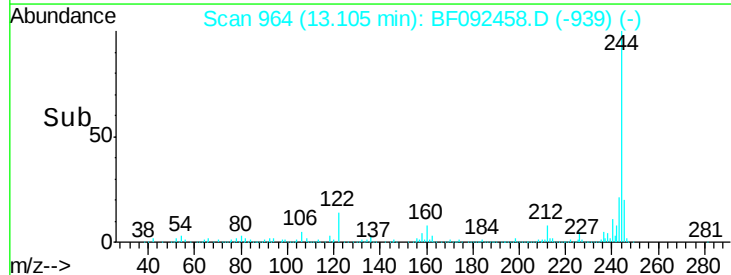
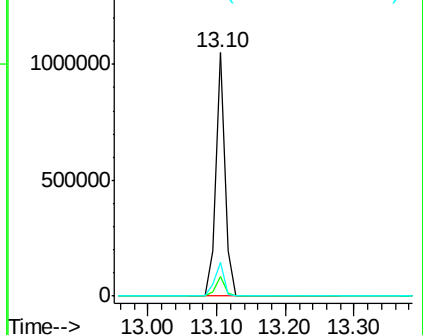
122 13.8 11.4 17.2

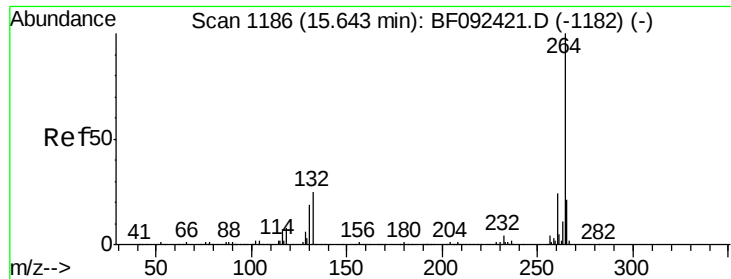


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092458.D
Acq: 25 Jan 2017 4:42

Instrument :
BNA_F
ClientSampleId :
W-12

Tgt Ion:	264	Resp:	299726
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0

