

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092562.D
 Acq On : 27 Jan 2017 8:21
 Operator : SJ/MA
 Sample : I1364-06
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 09:38:38 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

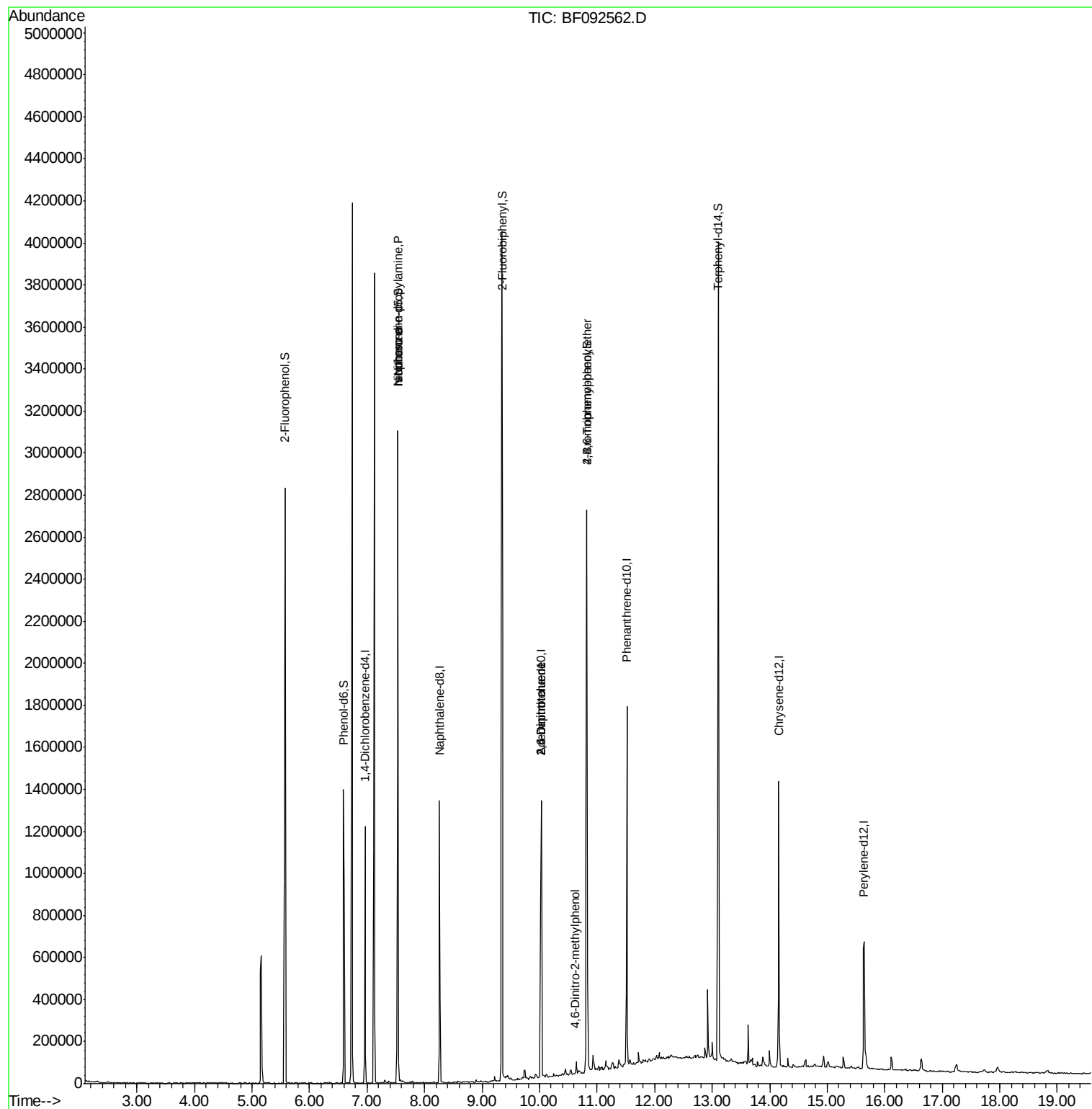
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163532	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	628451	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	368569	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	600936	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	465953	20.00	ng	-0.01
86) Perylene-d12	15.64	264	348502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	740245	70.43	ng	0.02
7) Phenol-d6	6.59	99	590734	44.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	1137350	98.86	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	327486	130.39	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1829274	91.78	ng	-0.01
78) Terphenyl-d14	13.11	244	1718429	98.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	154285	16.92	ng	# 84
25) Isophorone	7.54	82	1100711	48.55	ng	# 65
50) 2,6-Dinitrotoluene	10.03	165	47488	9.91	ng	# 31
56) 2,4-Dinitrotoluene	10.03	165	47782	7.51	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.62	198	1100	5.26	ng	# 50
66) 4-Bromophenyl-phenylether	10.82	248	24381	4.02	ng	# 1

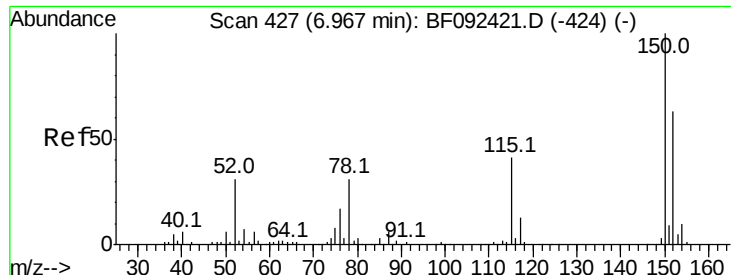
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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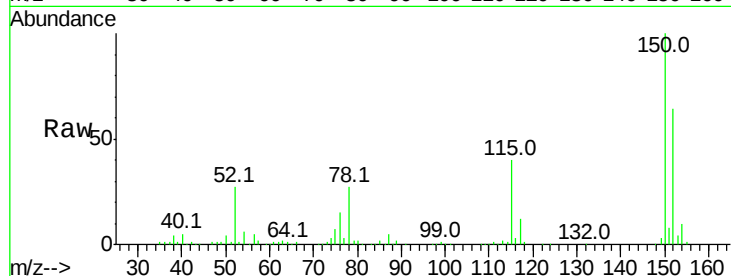


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	62.3	46.0	69.0

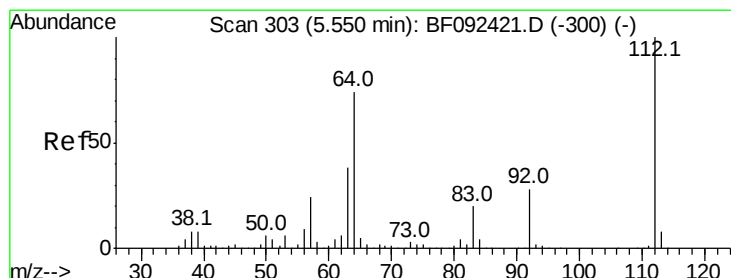
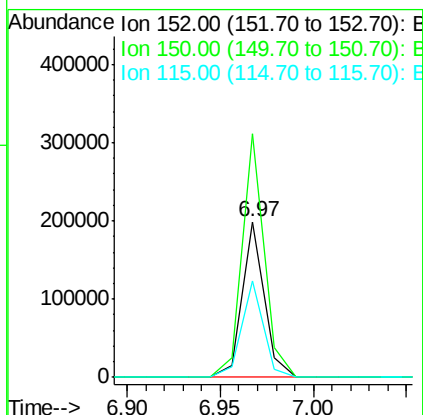
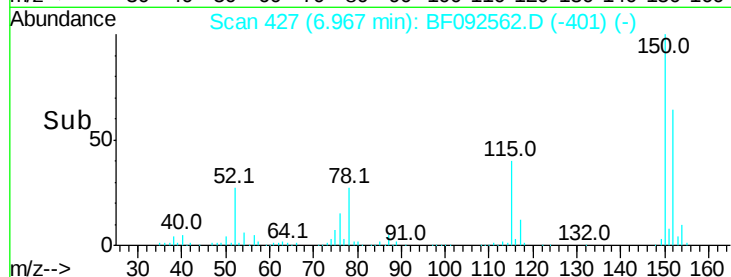


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

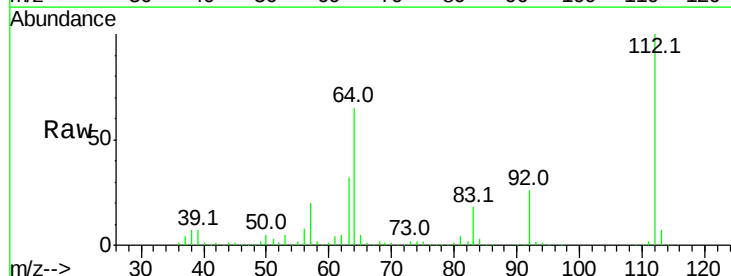
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.43 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.1	69.1
63	32.3	23.8	35.6

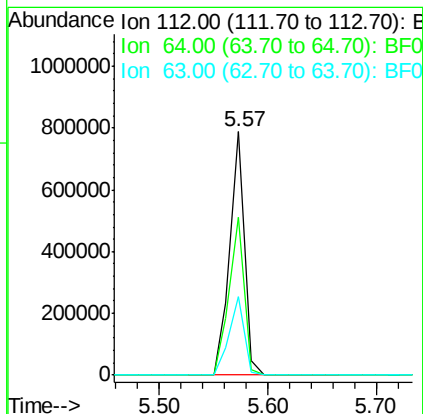
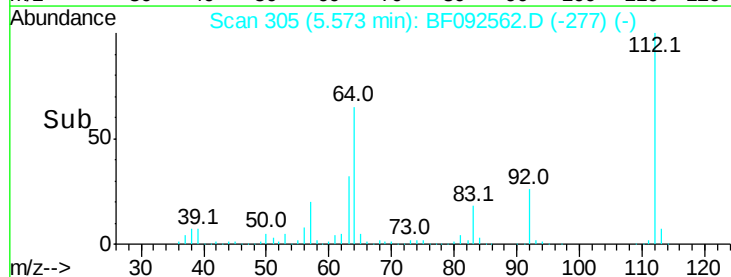


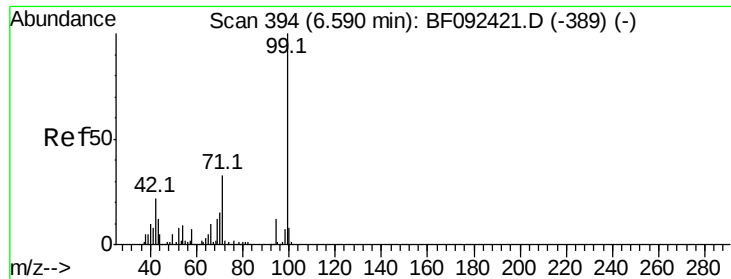
Abundance

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: 44.12 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

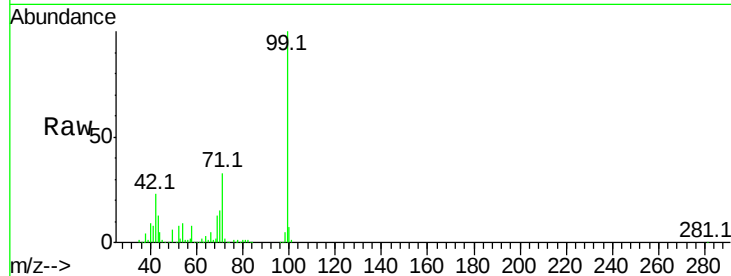
Tot Ion: 99 Resp: 590734

Ion Ratio Lower Upper

99 100

42 23.4 15.6 23.4#

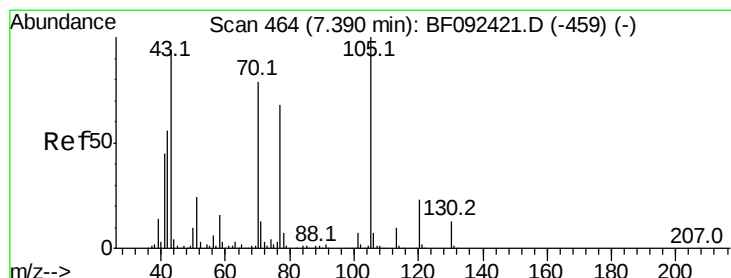
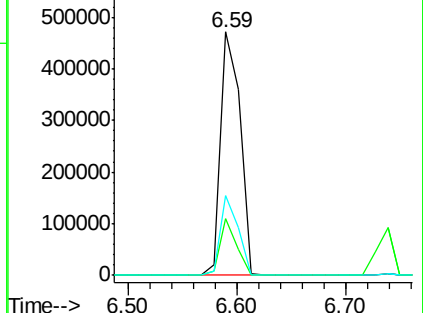
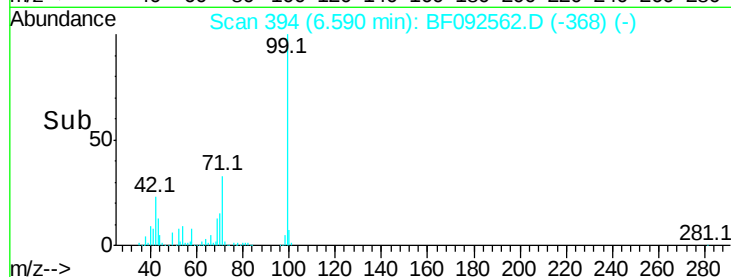
71 32.9 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.92 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Tgt Ion: 70 Resp: 154285

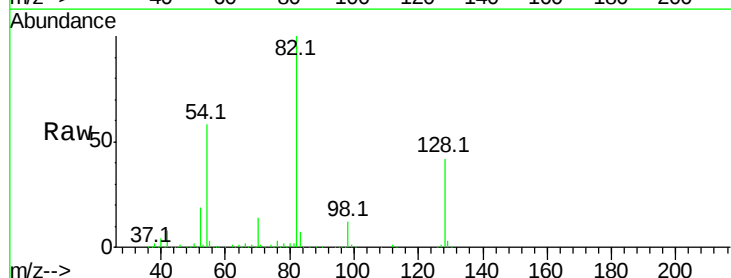
Ion Ratio Lower Upper

70 100

42 55.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

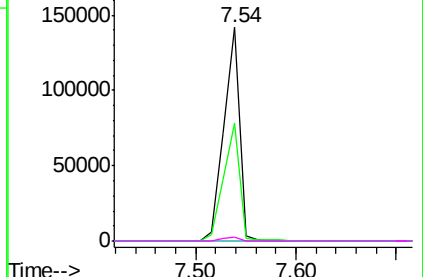
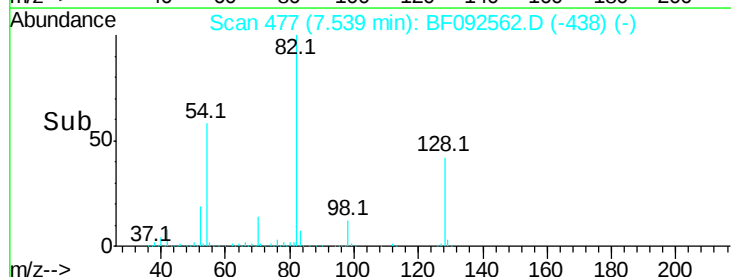


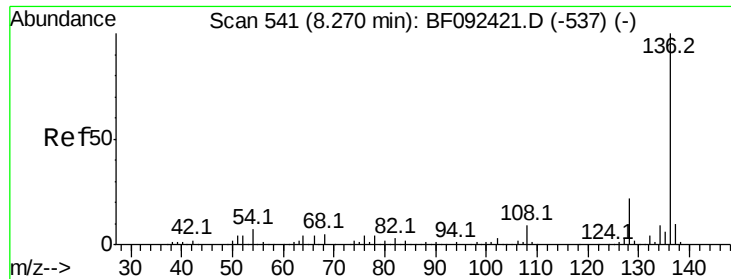
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

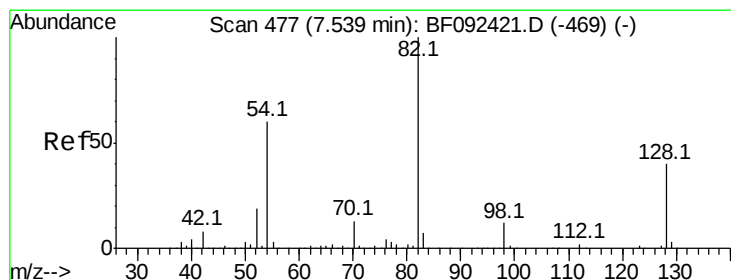
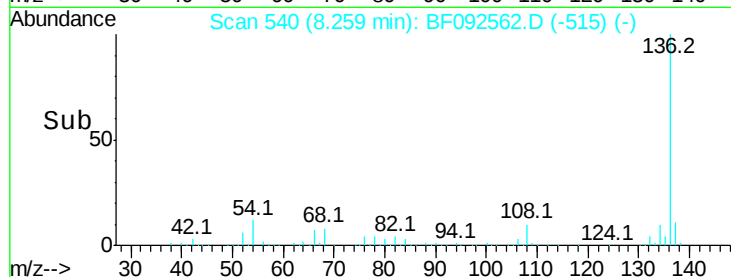
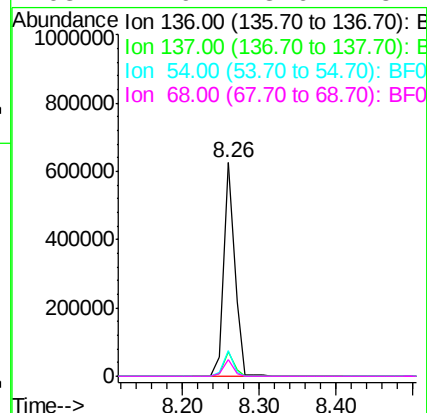
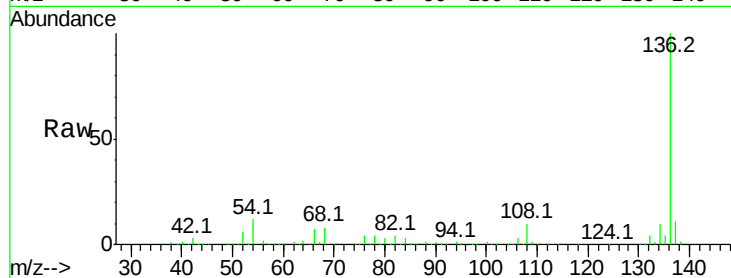




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

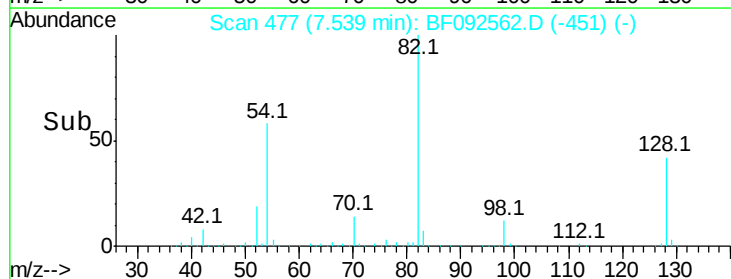
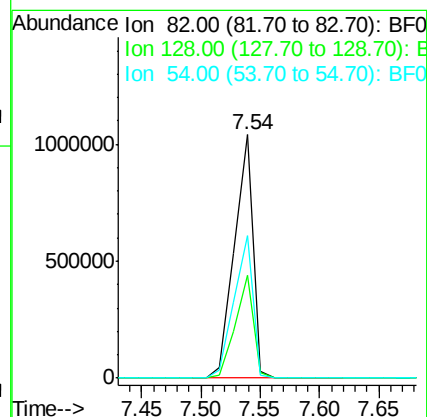
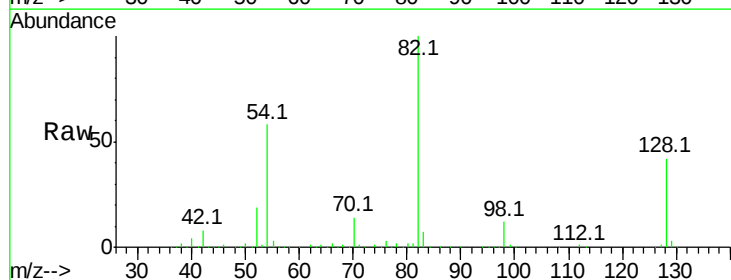
Instrument :
BNA_F
ClientSampled :

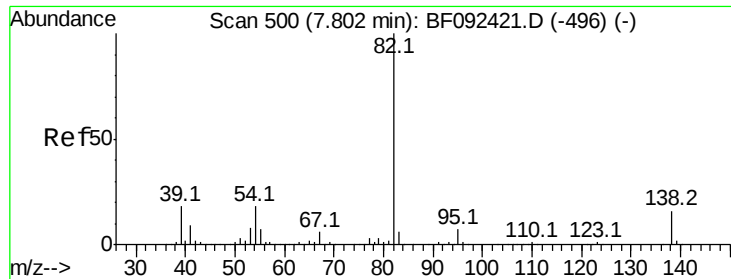
Tot Ion:	136	Resp:	628451
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.3	4.5	6.7#
68	7.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.86 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

Tgt Ion:	82	Resp:	1137350
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	58.3	39.5	59.3





#25

Isophorone

Concen: 48.55 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

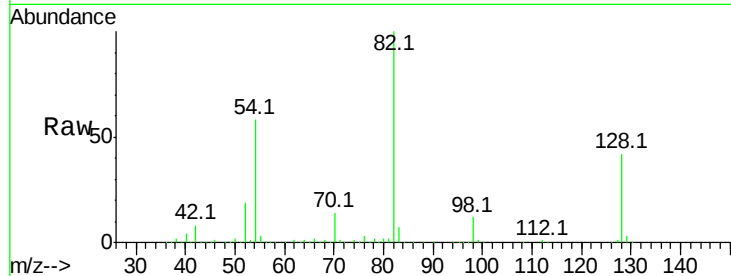
Tot Ion: 82 Resp: 1100711

Ion Ratio Lower Upper

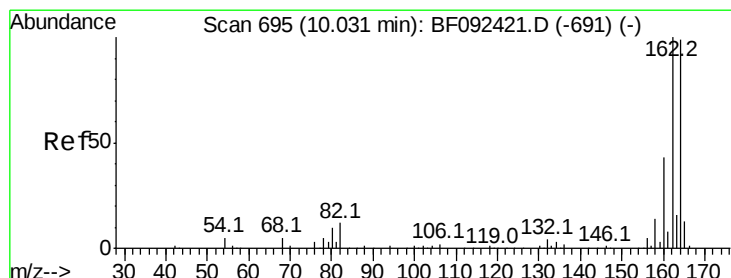
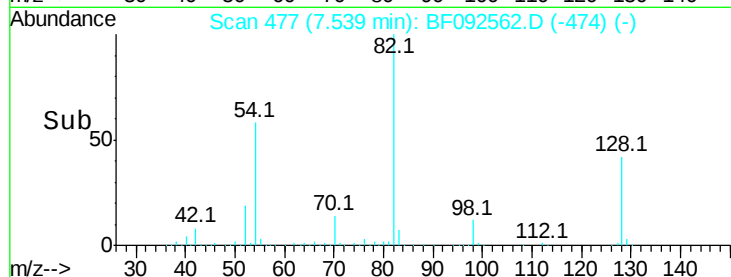
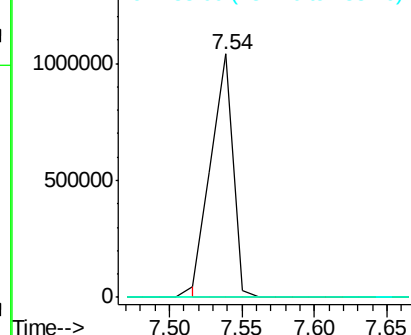
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

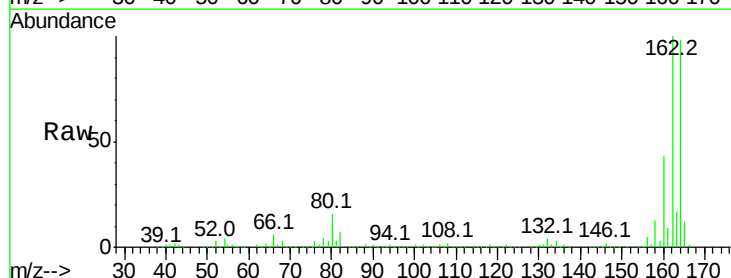
Tgt Ion:164 Resp: 368569

Ion Ratio Lower Upper

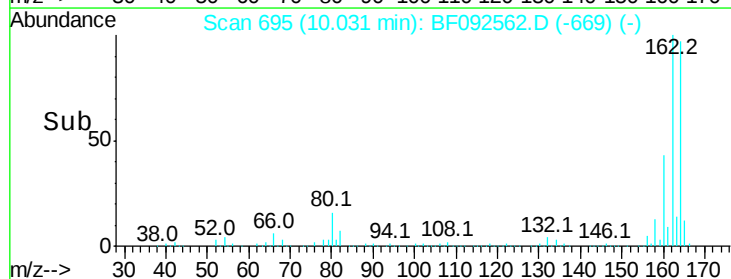
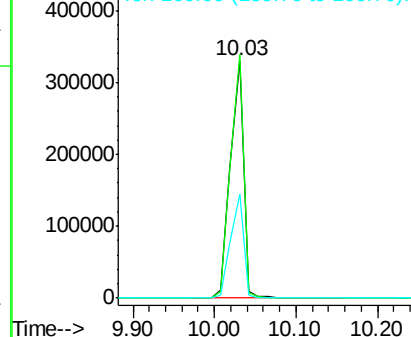
164 100

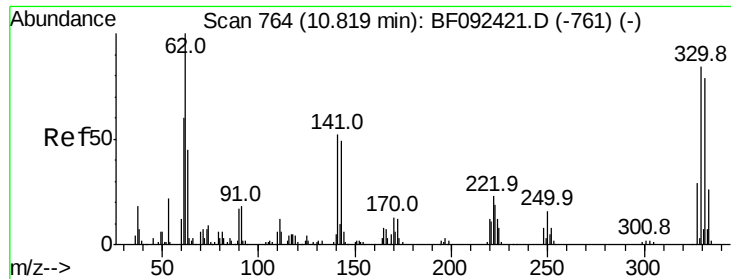
162 102.5 80.2 120.2

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

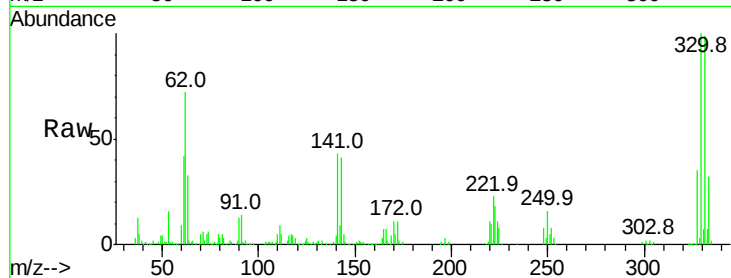




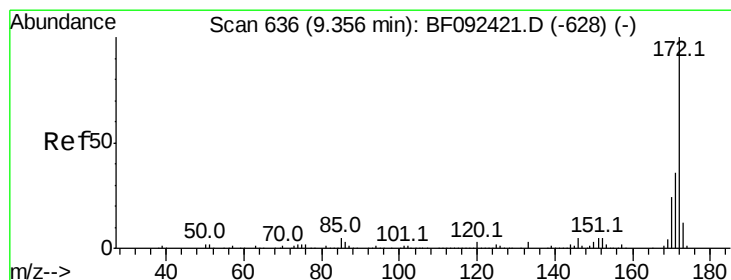
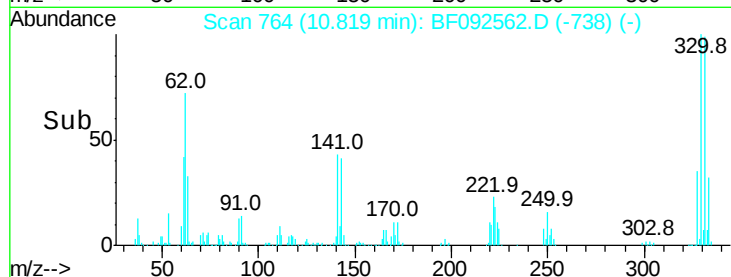
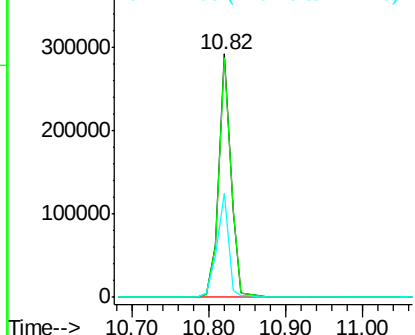
#41
 2,4,6-Tribromophenol
 Concen: 130.39 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	40.9	34.1	51.1

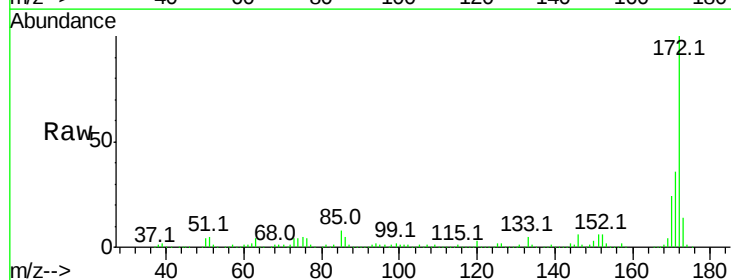


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

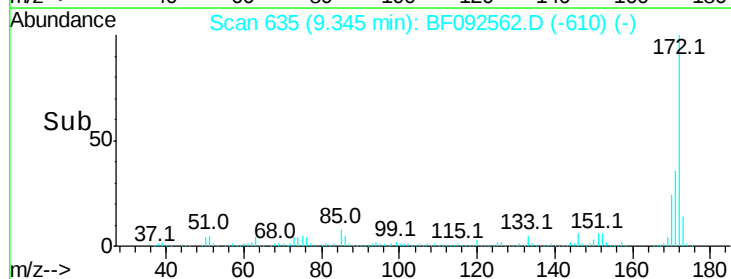
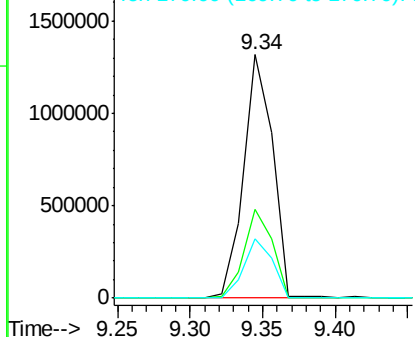


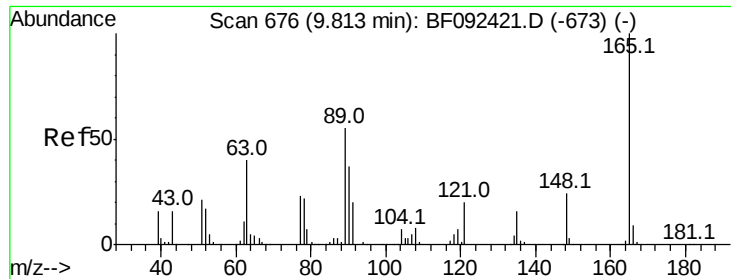
#44
 2-Fluorobiphenyl
 Concen: 91.78 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	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

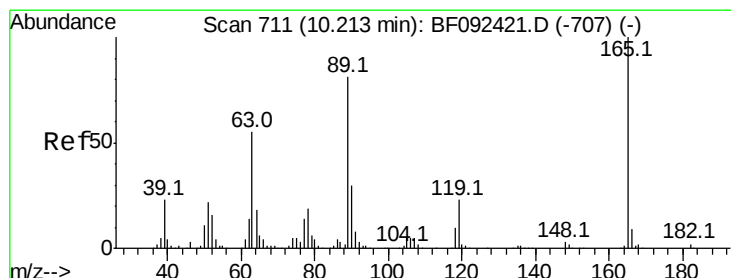
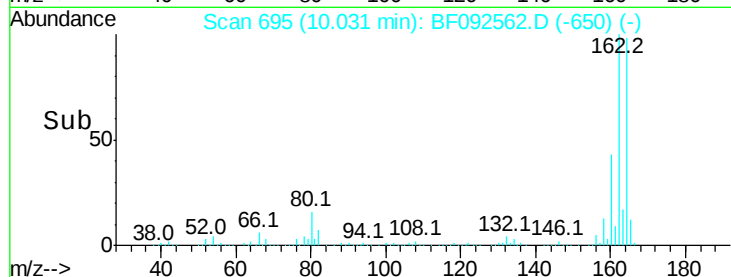
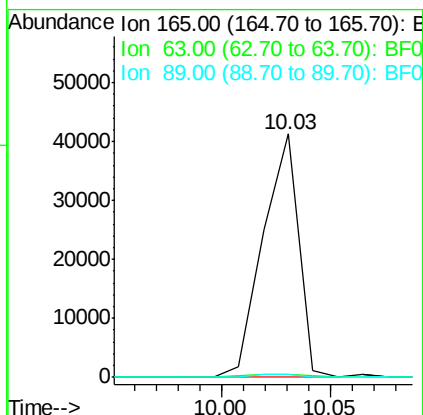
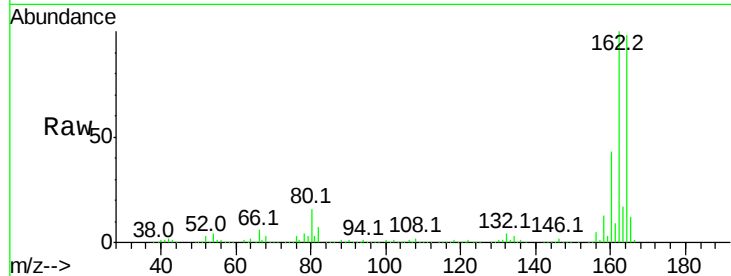




#50
 2,6-Dinitrotoluene
 Concen: 9.91 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.22 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

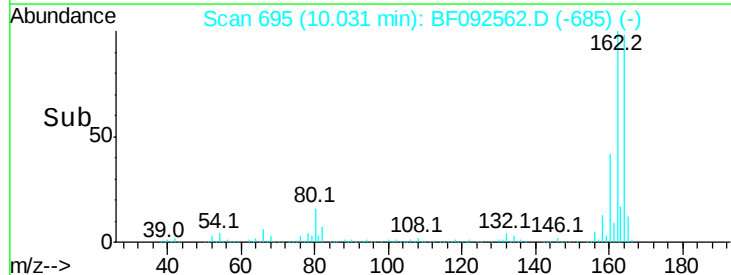
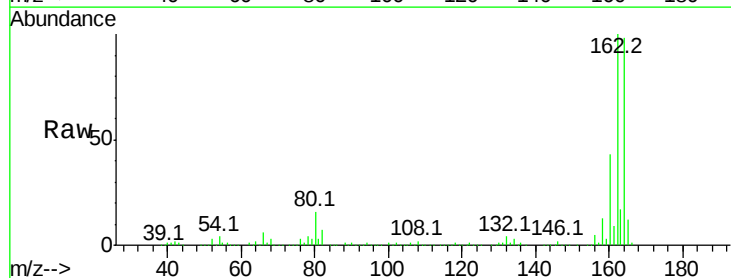
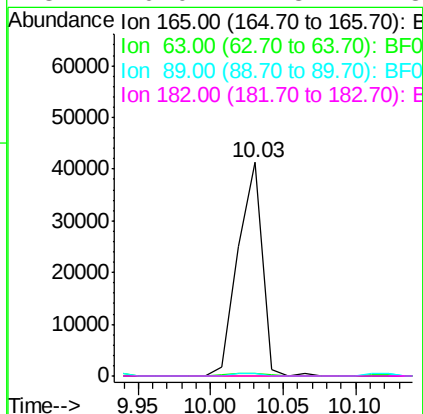
Instrument :
 BNA_F
 ClientSampleId :

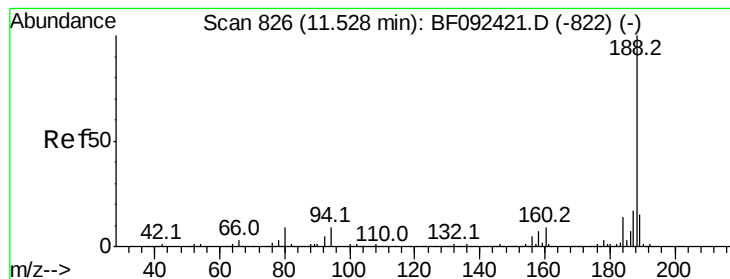
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092562.D
 Acq: 27 Jan 2017 8:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

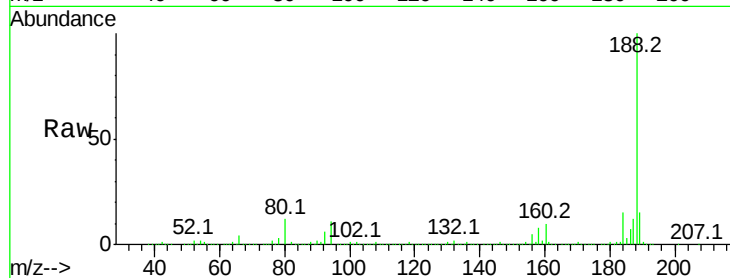
Tot Ion:188 Resp: 600936

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

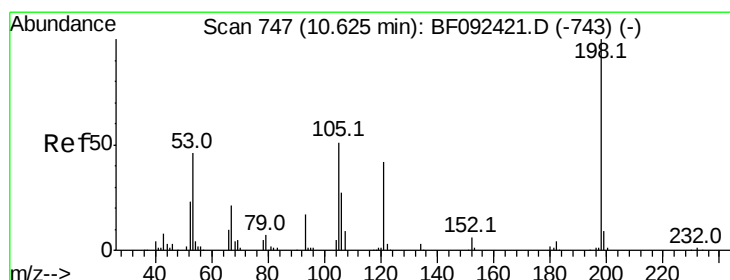
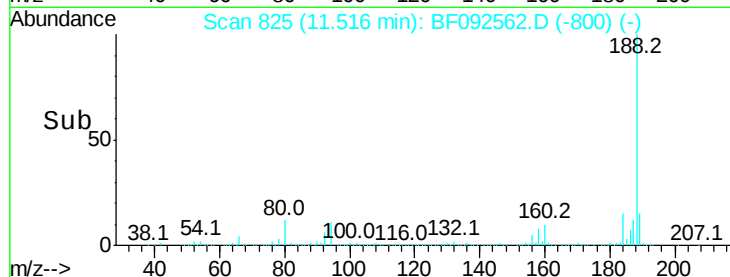
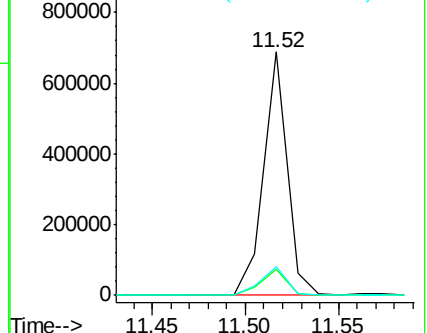
80 11.9 11.2 16.8



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: 5.26 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

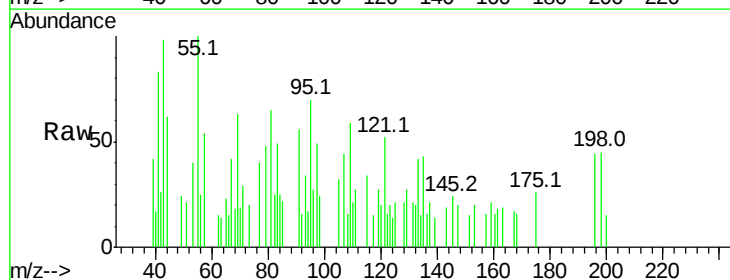
Tgt Ion:198 Resp: 1100

Ion Ratio Lower Upper

198 100

51 47.0 6.7 46.7#

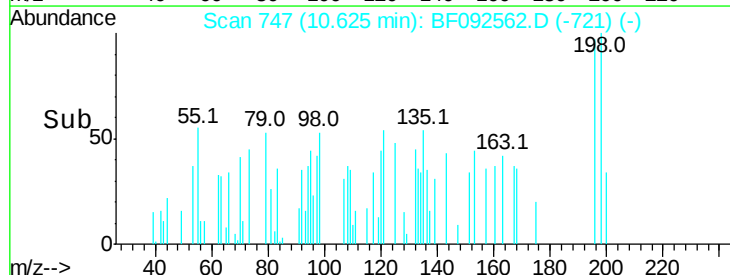
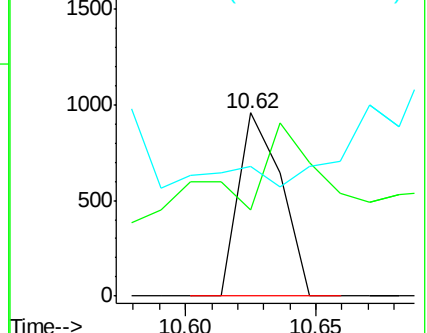
105 70.7 16.6 56.6#

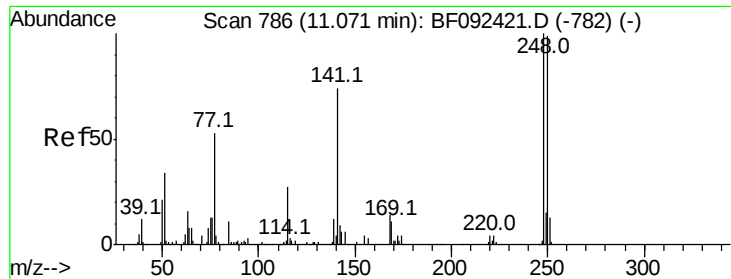


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

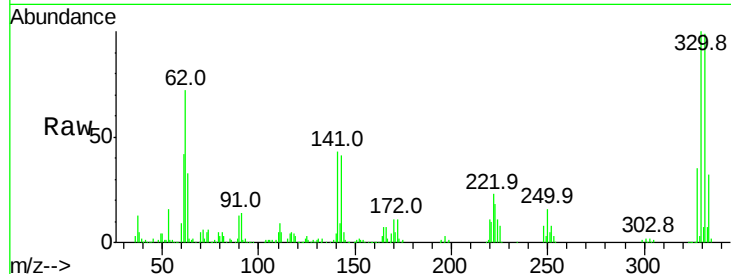




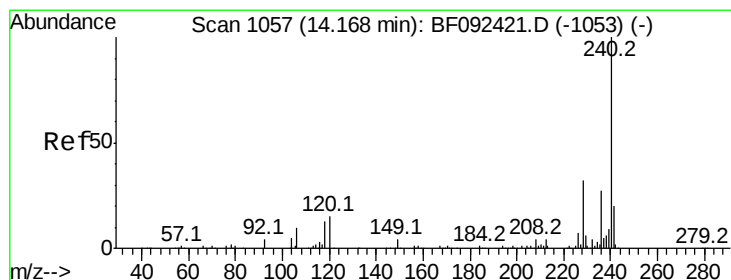
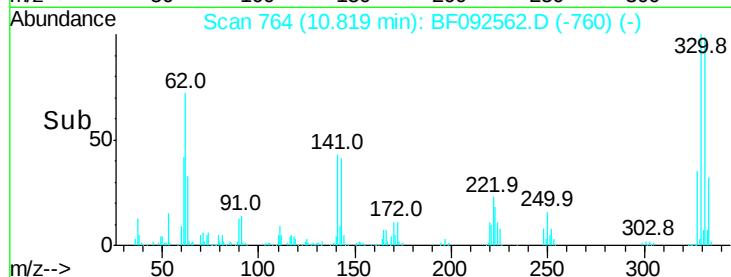
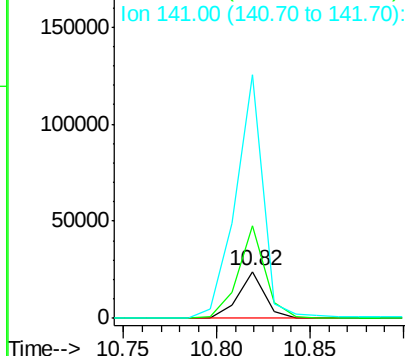
#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24381
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 520.8 68.2 102.4#

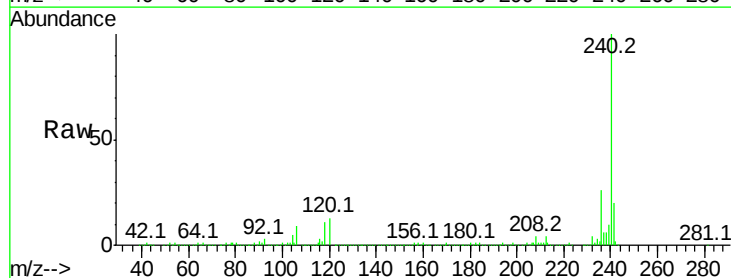


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

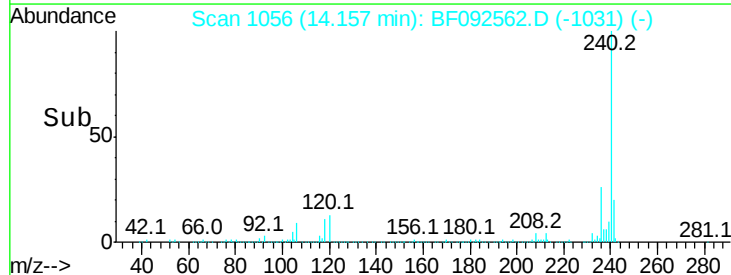
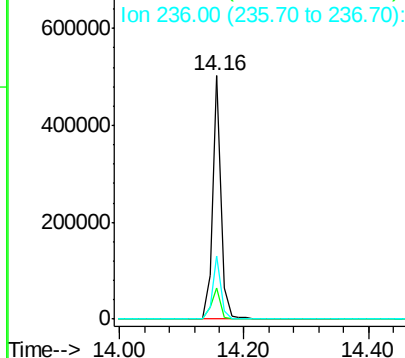


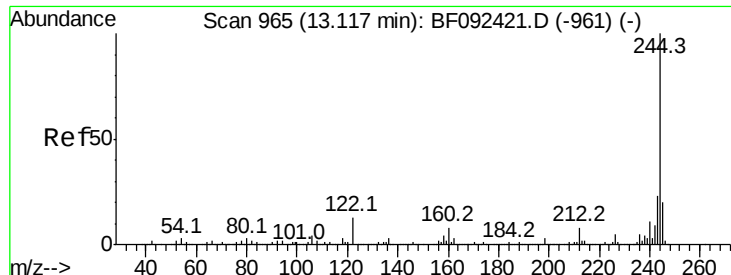
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092562.D
Acq: 27 Jan 2017 8:21

Tgt Ion:240 Resp: 465953
Ion Ratio Lower Upper
240 100
120 13.0 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: 98.21 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

Instrument :

BNA_F

ClientSampleId :

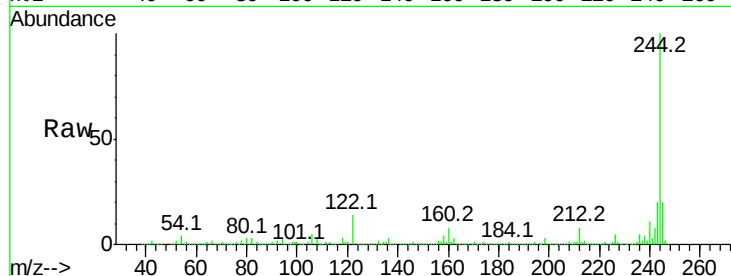
Tot Ion:244 Resp: 1718429

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

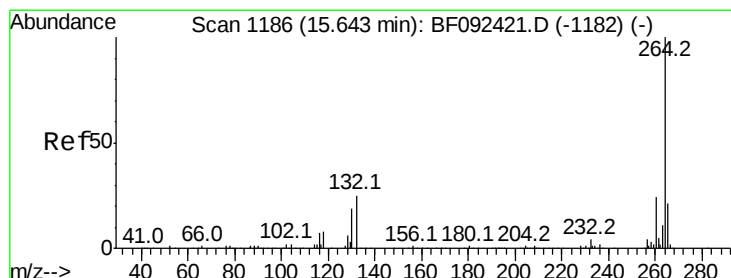
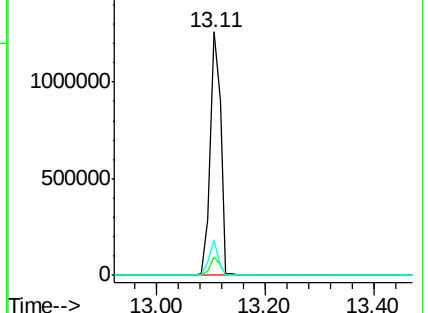
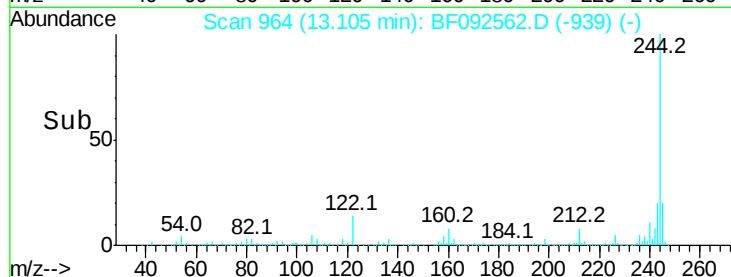
122 14.3 11.4 17.2



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: 15.64 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF092562.D

Acq: 27 Jan 2017 8:21

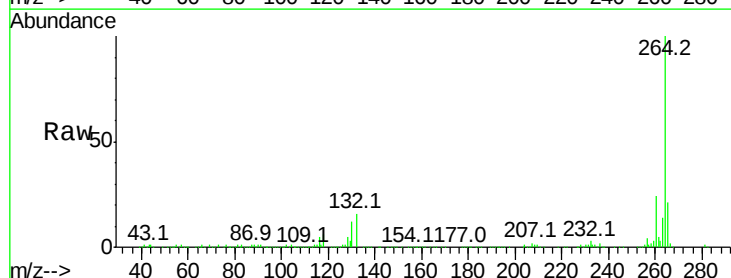
Tgt Ion:264 Resp: 348502

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

