

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092536.D
 Acq On : 26 Jan 2017 20:31
 Operator : SJ/MA
 Sample : PB96342TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96342TB

Quant Time: Jan 27 00:12:18 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

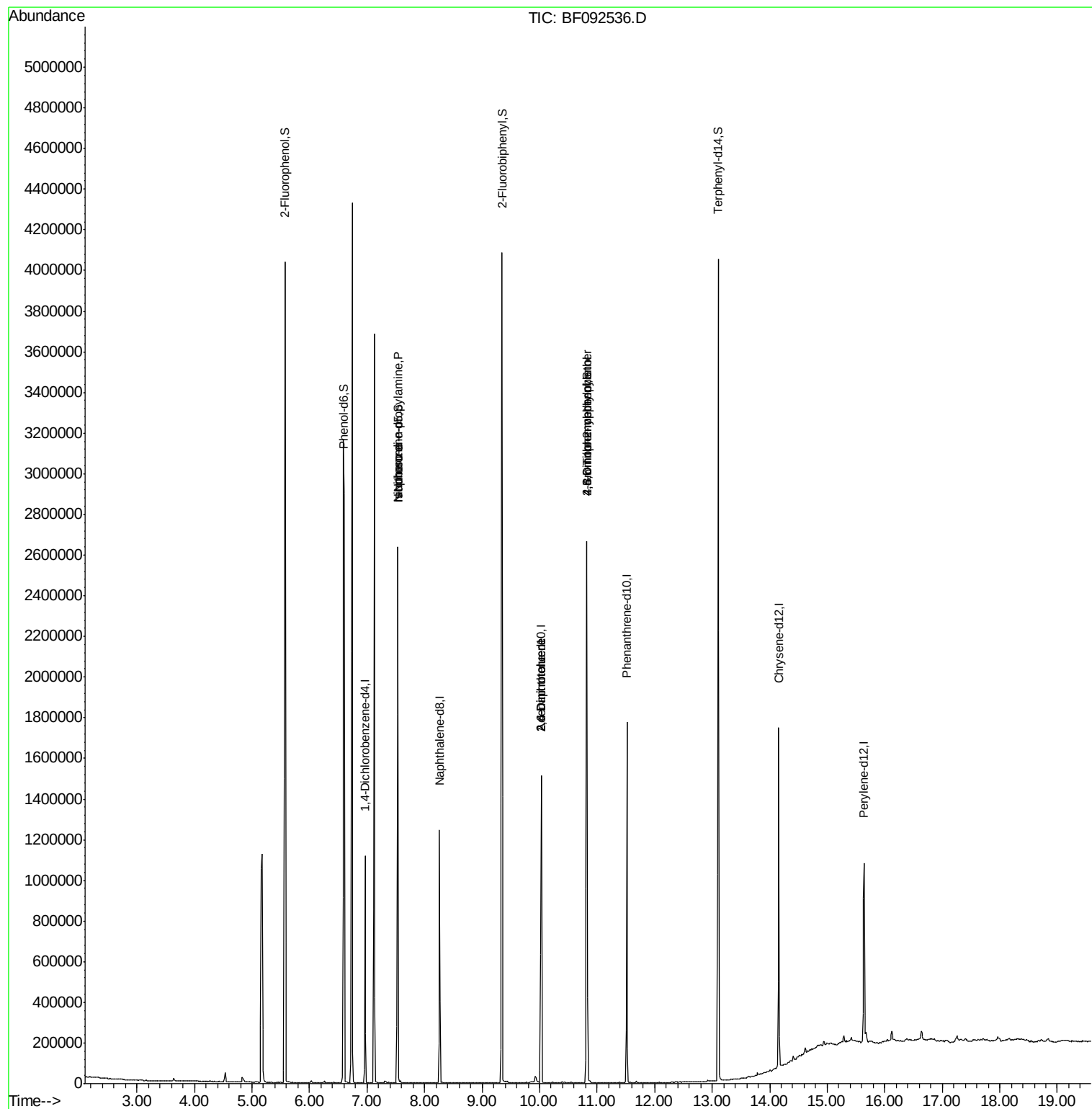
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156603	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619539	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	368837	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	610745	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	565624	20.00	ng	-0.01
86) Perylene-d12	15.64	264	489603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1195239	118.75	ng	0.02
7) Phenol-d6	6.60	99	1725780	134.60	ng	0.01
23) Nitrobenzene-d5	7.54	82	1097386	96.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	323953	128.89	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1674404	83.95	ng	-0.01
78) Terphenyl-d14	13.11	244	1672064	78.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	148642	17.02	ng	# 78
25) Isophorone	7.54	82	1030532	46.11	ng	# 65
50) 2,6-Dinitrotoluene	10.03	165	47056	9.82	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	47058	7.39	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	924	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23606	3.83	ng	# 1

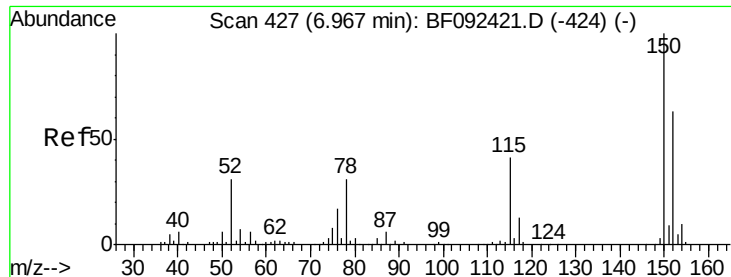
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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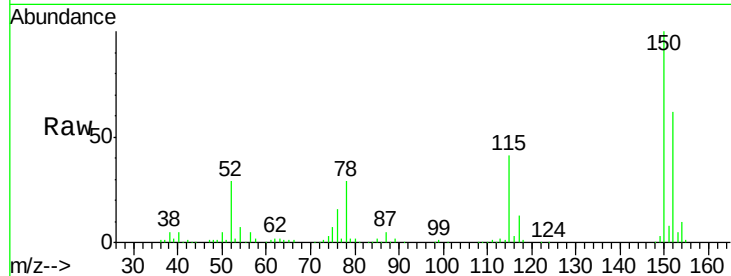


#1

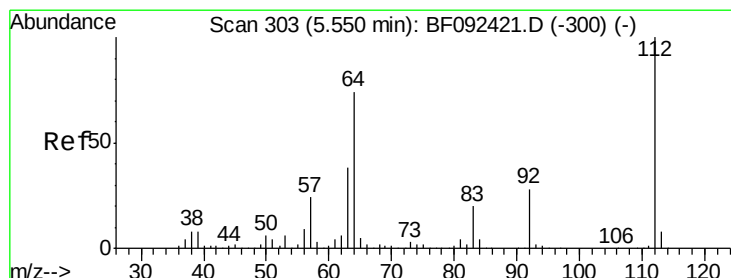
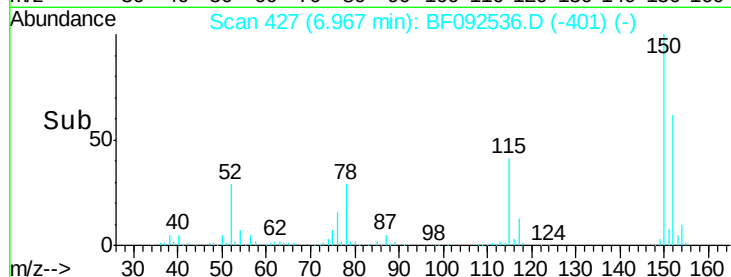
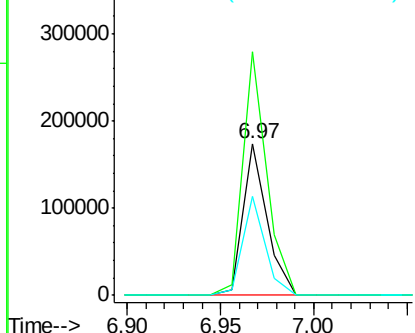
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Instrument :
BNA_F
ClientSampled :
PB96342TB

Tgt Ion:152 Resp: 156603
Ion Ratio Lower Upper
152 100
150 160.2 124.9 187.3
115 65.1 46.0 69.0



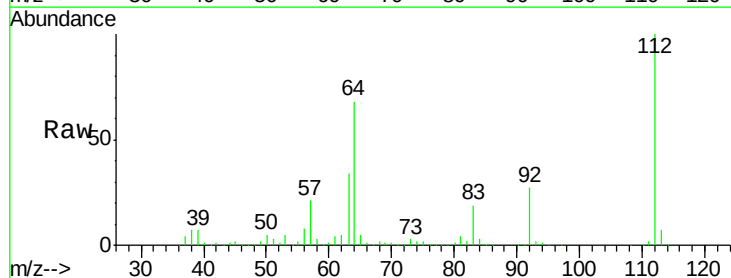
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



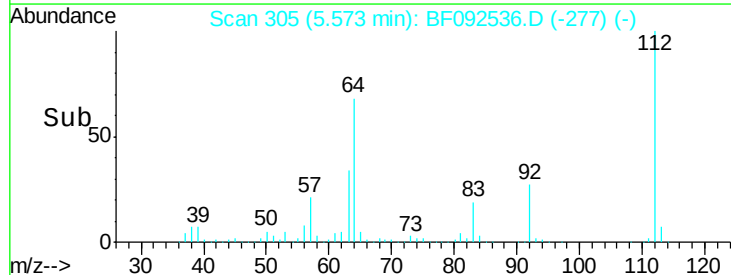
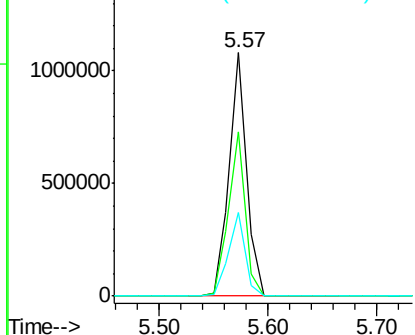
#5

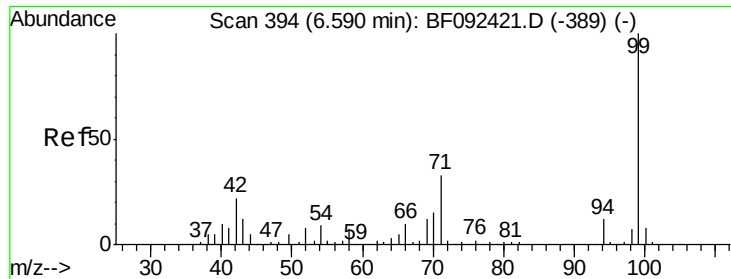
2-Fluorophenol
Concen: 118.75 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Tgt Ion:112 Resp: 1195239
Ion Ratio Lower Upper
112 100
64 67.6 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: 134.60 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB96342TB

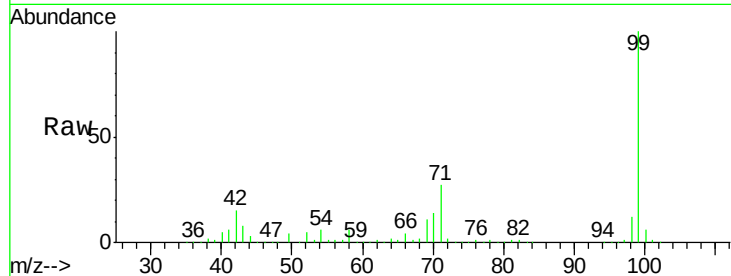
Tgt Ion: 99 Resp: 1725780

Ion Ratio Lower Upper

99 100

42 14.6 15.6 23.4#

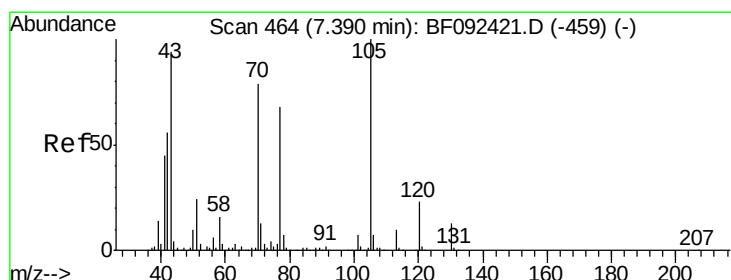
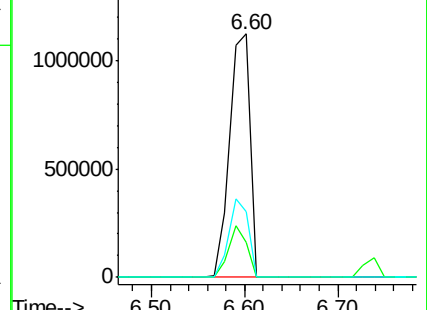
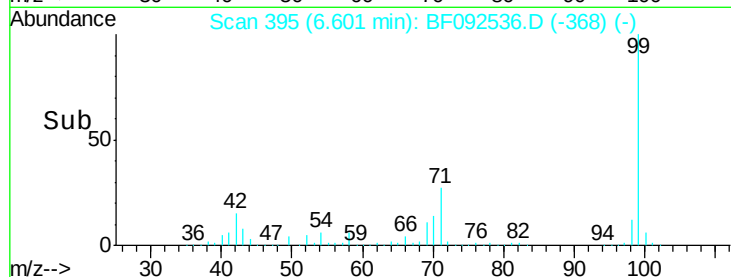
71 27.1 27.5 41.3#



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: 17.02 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Tgt Ion: 70 Resp: 148642

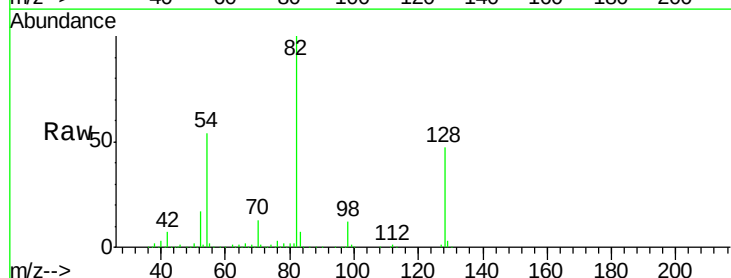
Ion Ratio Lower Upper

70 100

42 48.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

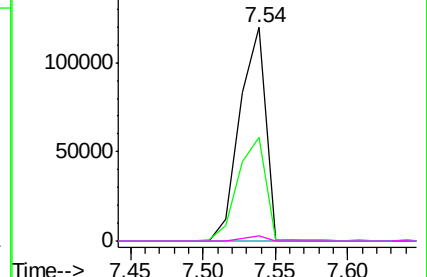
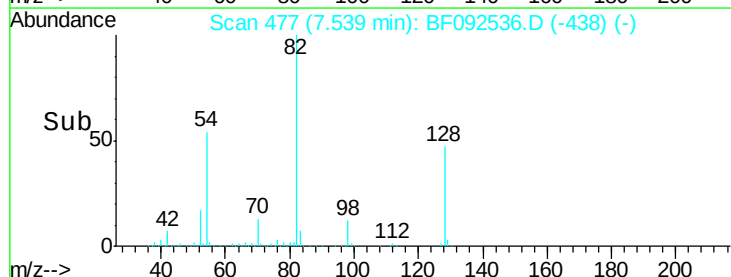


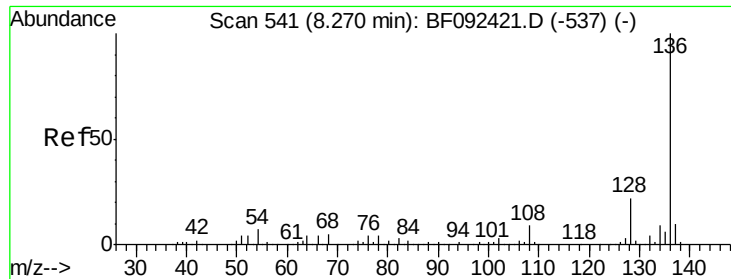
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

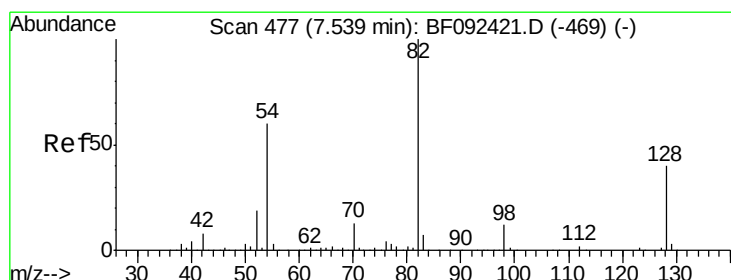
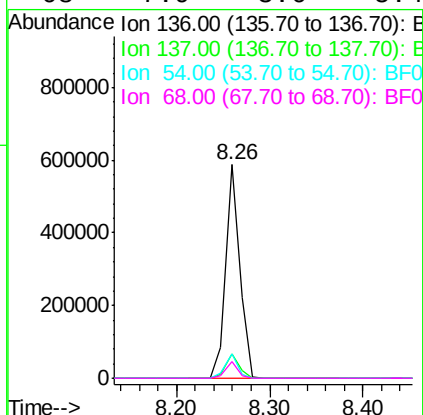
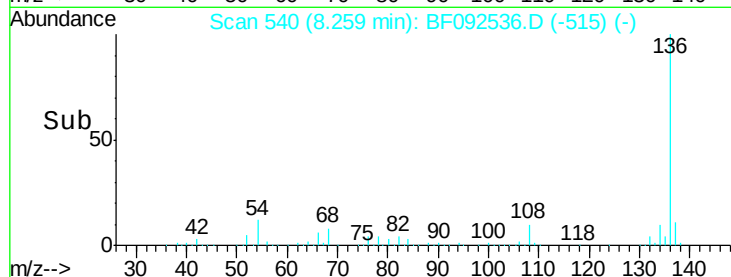
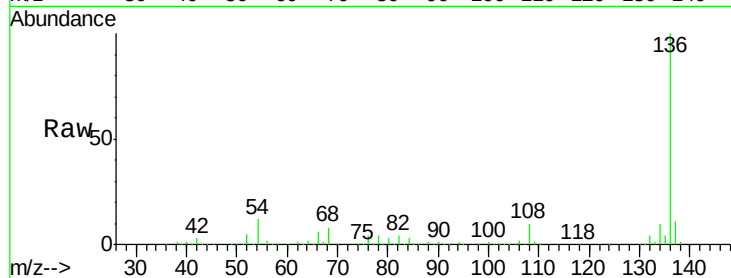




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

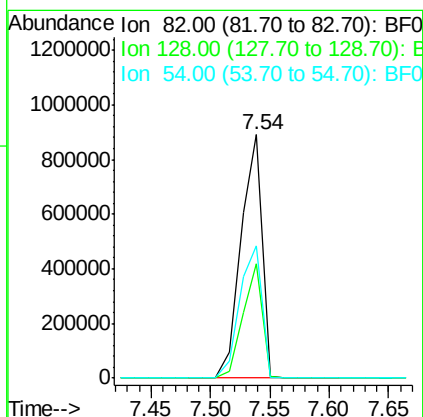
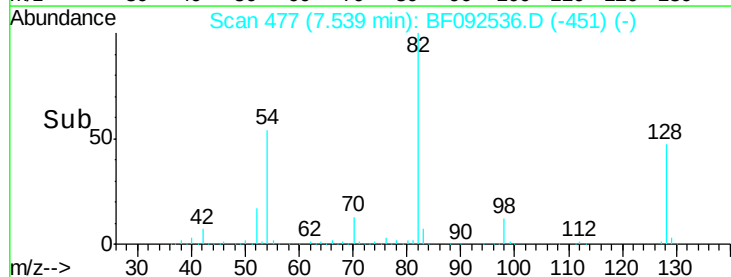
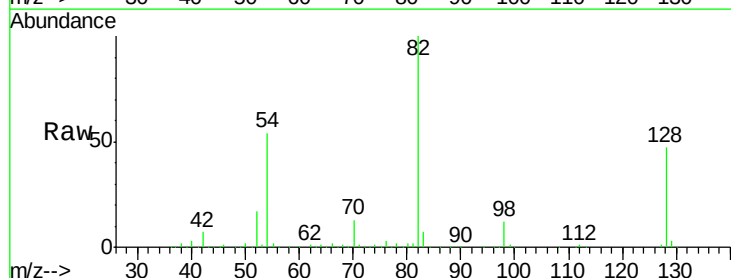
Instrument :
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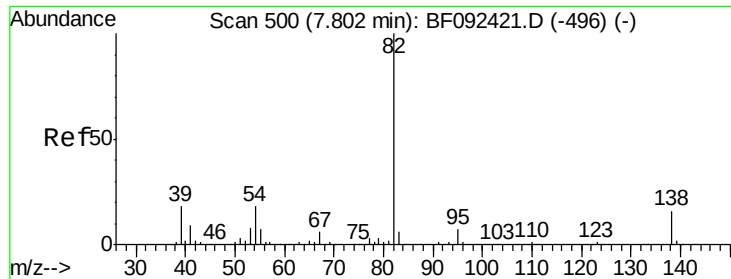
Tgt Ion:	136	Resp:	619539
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.5	4.5	6.7#
68	7.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 96.76 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Tgt Ion:	82	Resp:	1097386
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	52.0
54	54.5	39.5	59.3





#25

Isophorone

Concen: 46.11 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB96342TB

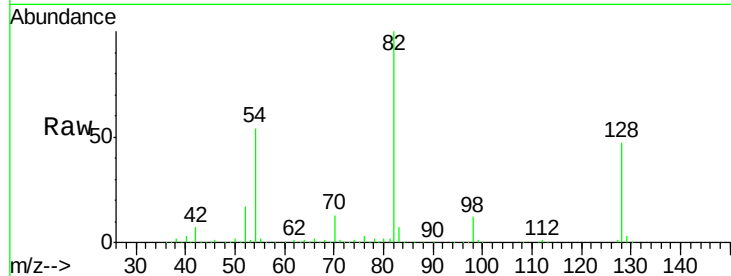
Tgt Ion: 82 Resp: 1030532

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

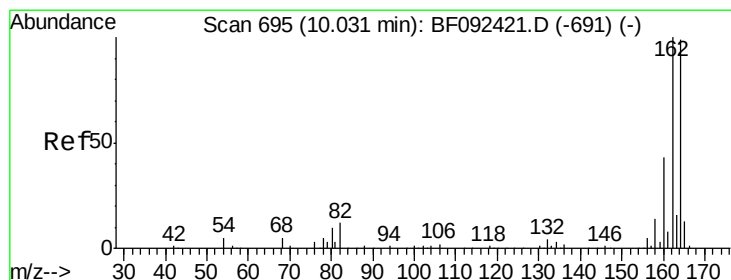
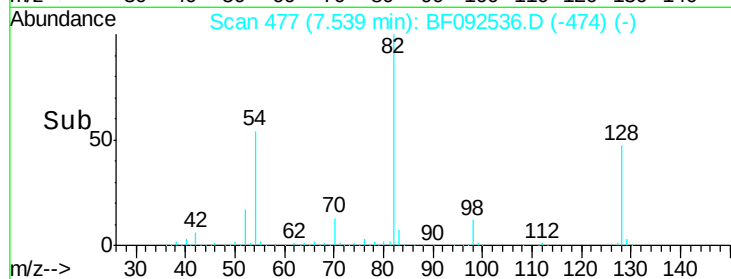
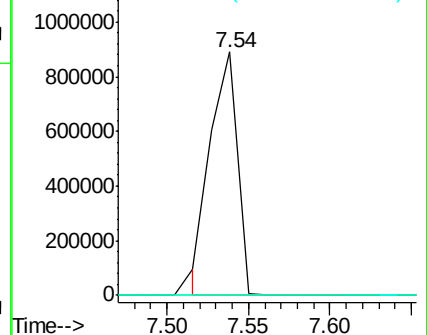
138 0.0 14.6 22.0#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

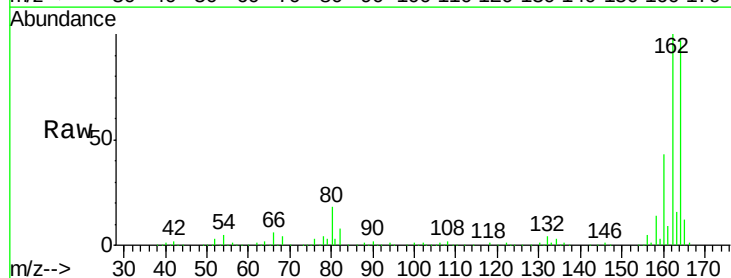
Tgt Ion: 164 Resp: 368837

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

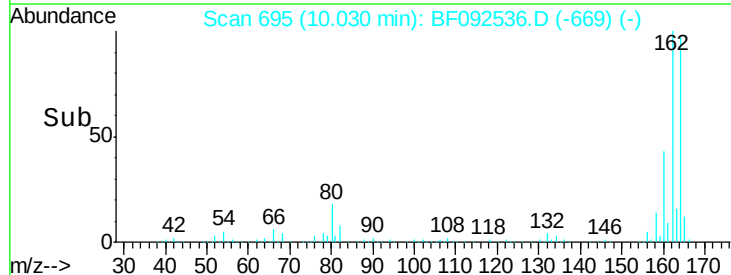
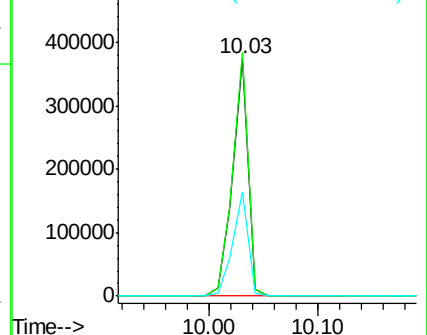
160 43.8 36.9 55.3

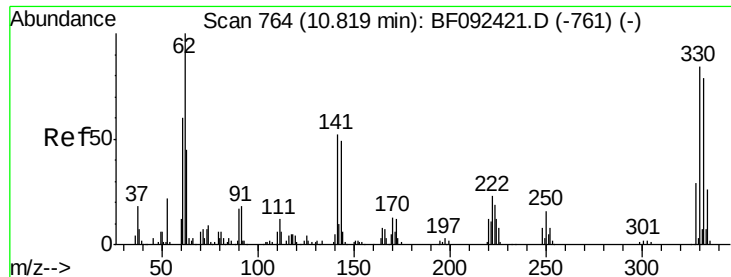


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

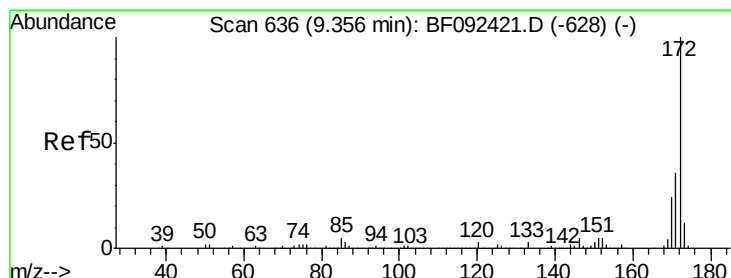
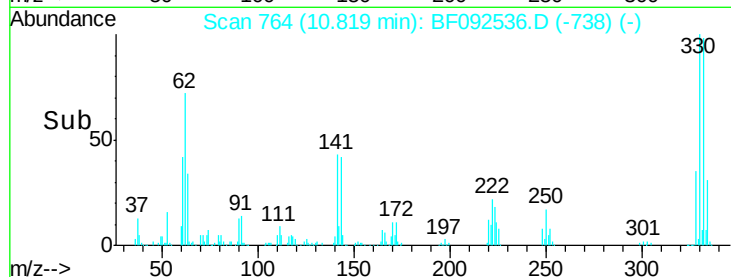
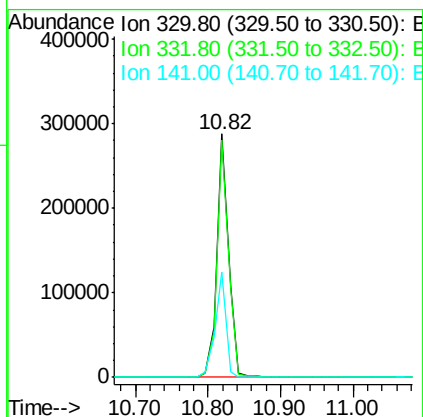
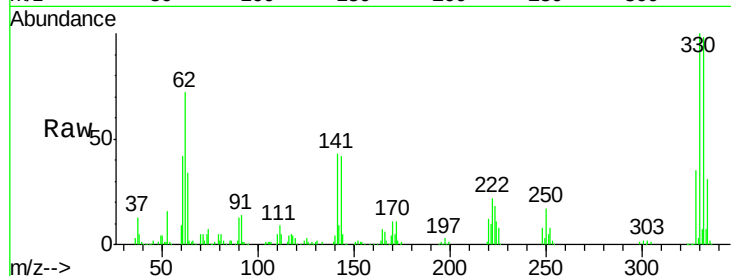




#41
 2,4,6-Tribromophenol
 Concen: 128.89 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

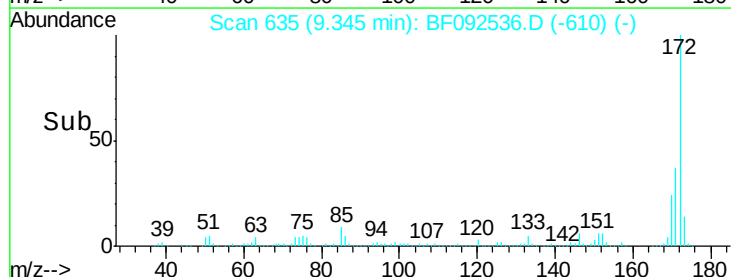
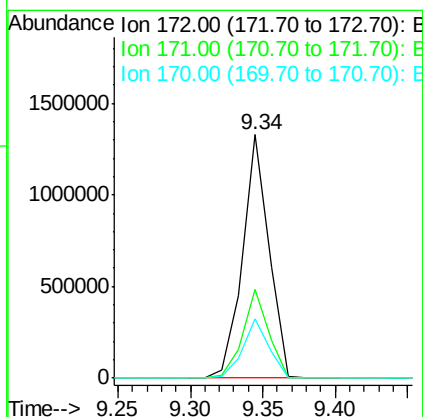
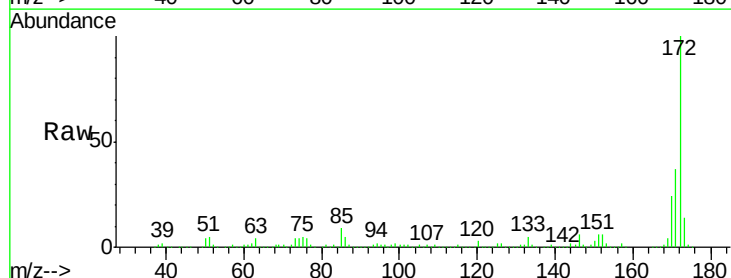
Instrument :
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 ClientSampleId :
 PB96342TB

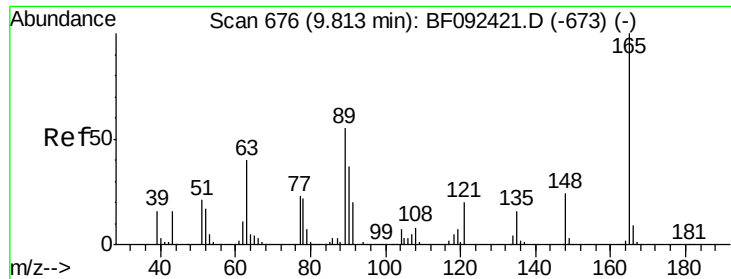
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	39.7	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.3	20.2	30.4

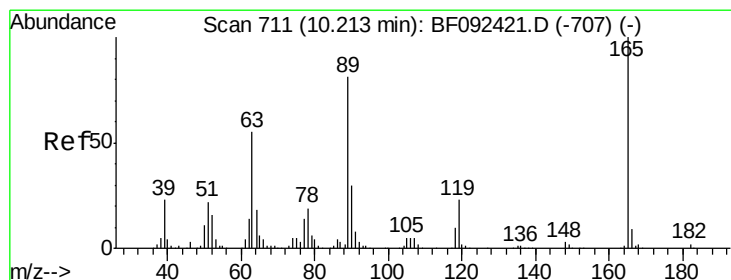
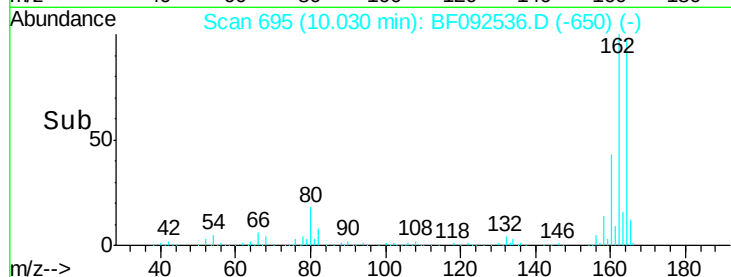
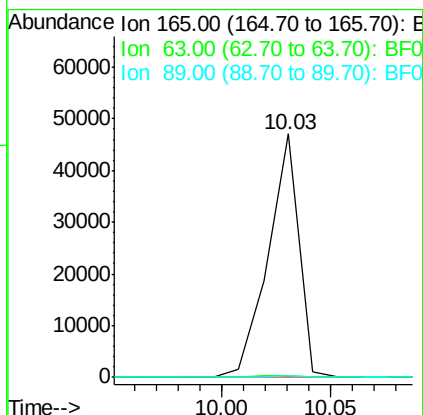
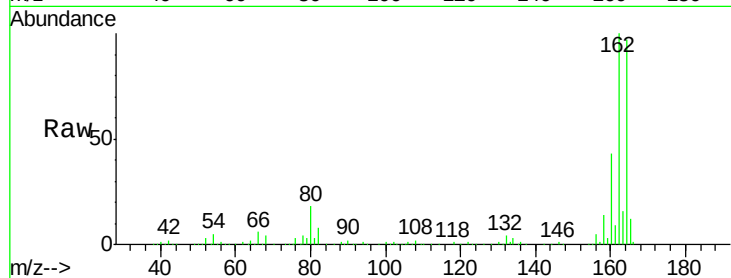




#50
 2,6-Dinitrotoluene
 Concen: 9.82 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.22 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

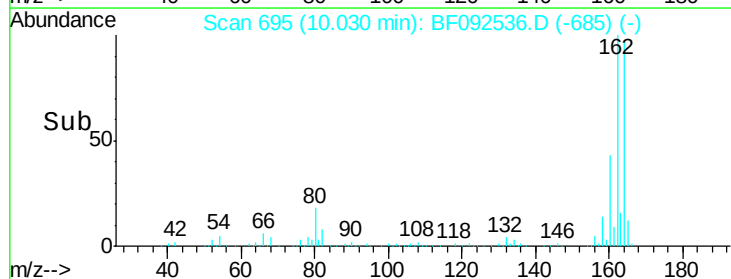
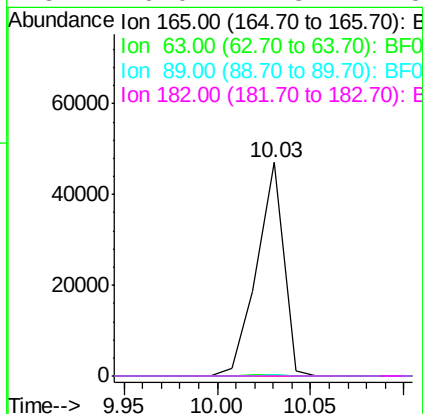
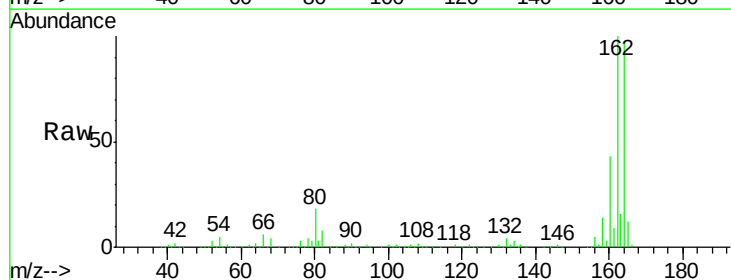
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 PB96342TB

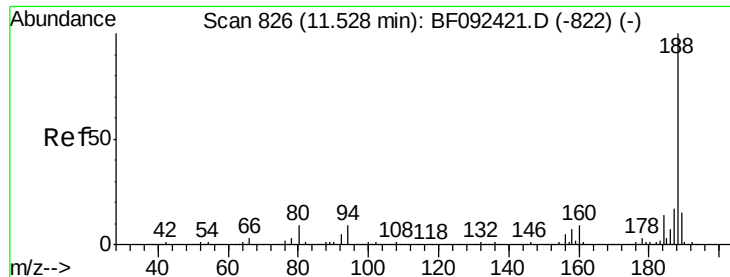
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.8	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.39 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

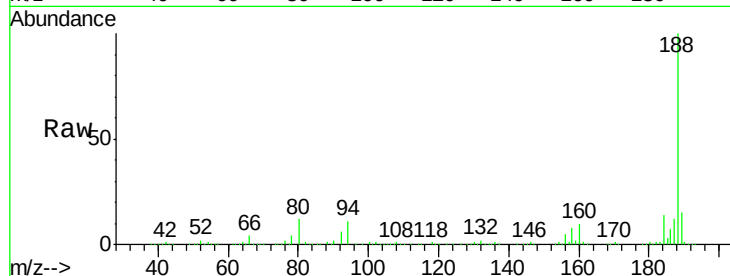




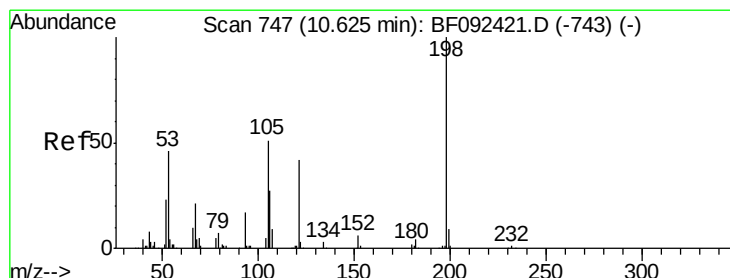
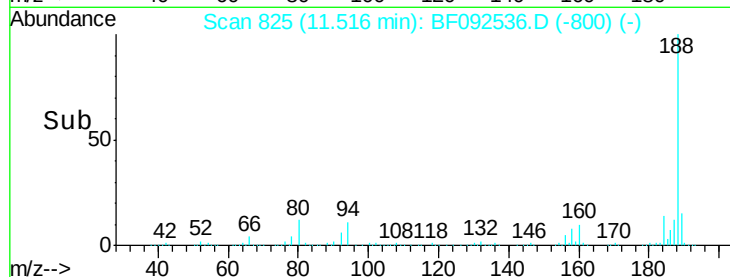
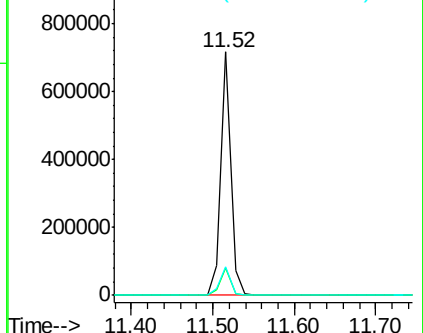
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB96342TB

Tgt Ion:188 Resp: 610745
 Ion Ratio Lower Upper
 188 100
 94 11.1 10.0 15.0
 80 11.7 11.2 16.8

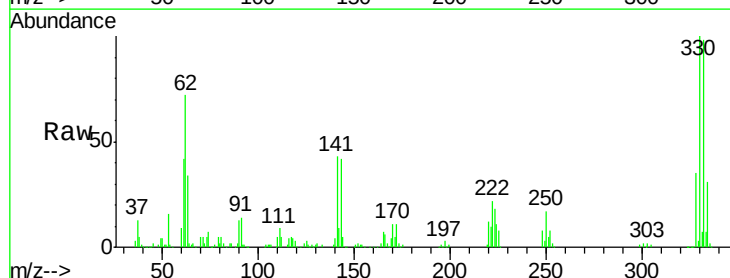


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

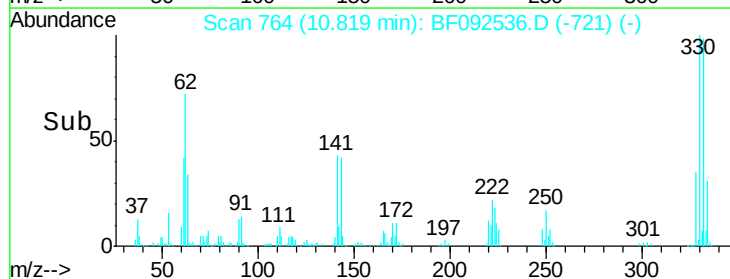
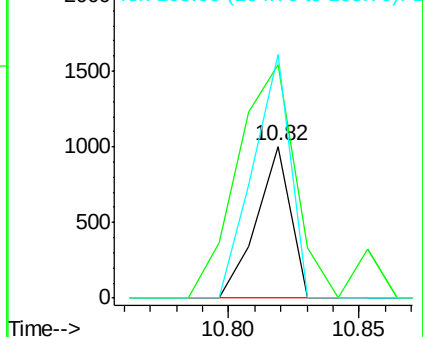


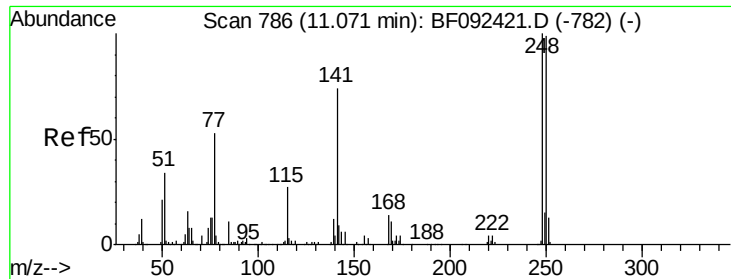
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.20 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Tgt Ion:198 Resp: 924
 Ion Ratio Lower Upper
 198 100
 51 153.5 6.7 46.7#
 105 160.4 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

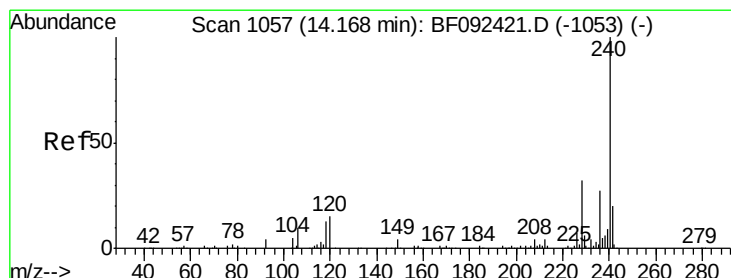
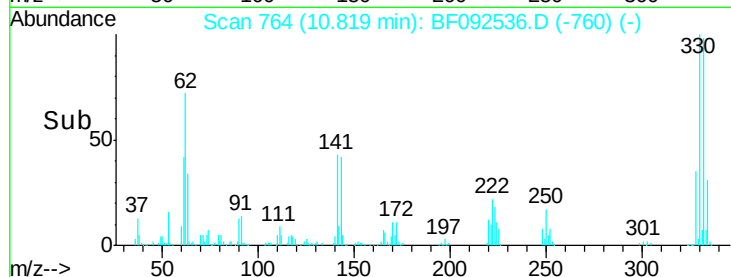
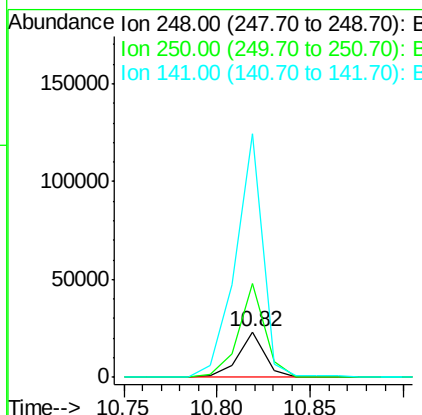
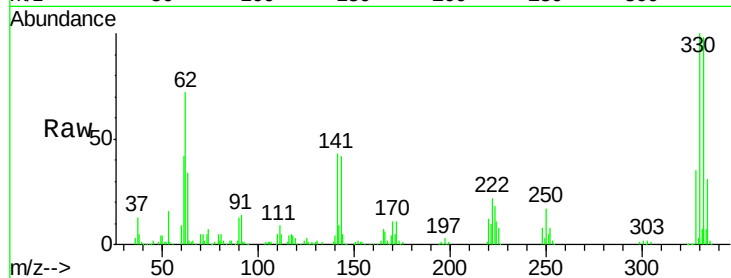




#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

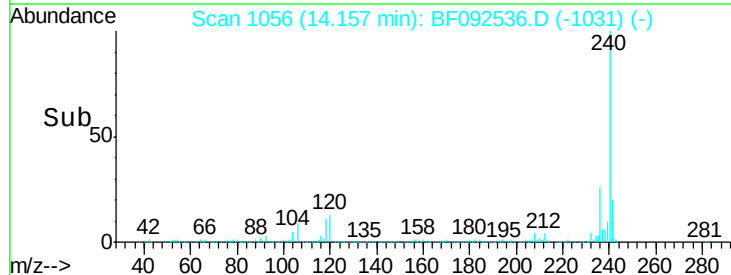
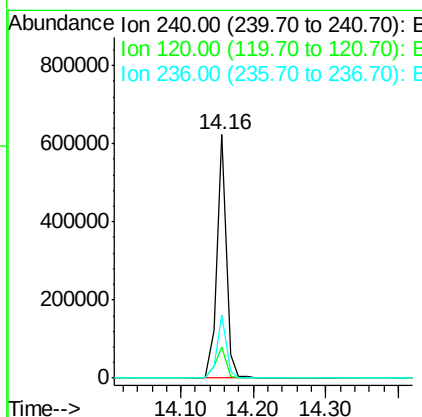
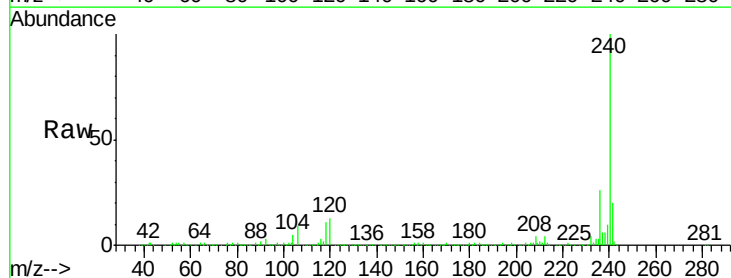
Instrument :
BNA_F
ClientSampleId :
PB96342TB

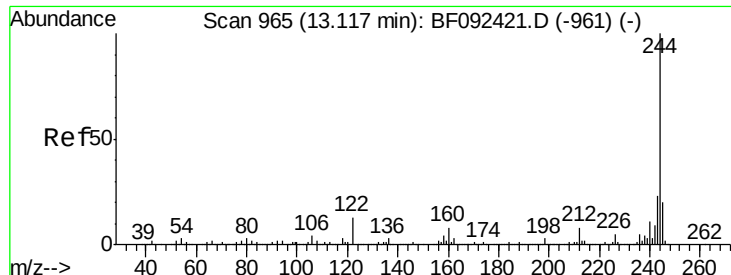
Tgt Ion:248 Resp: 23606
Ion Ratio Lower Upper
248 100
250 205.6 76.9 115.3#
141 531.0 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Tgt Ion:240 Resp: 565624
Ion Ratio Lower Upper
240 100
120 12.7 12.9 19.3#
236 25.8 20.9 31.3

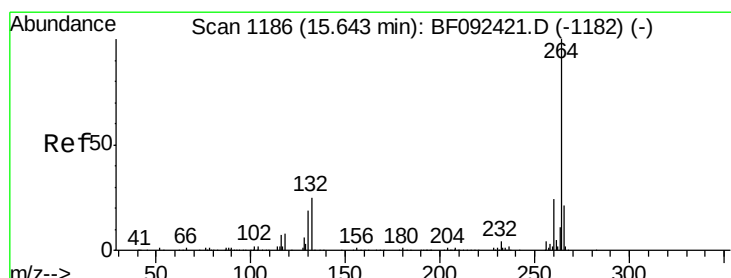
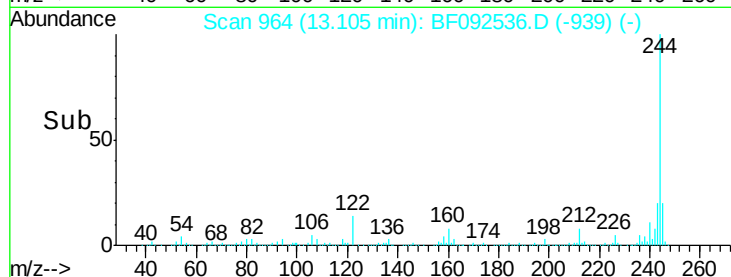
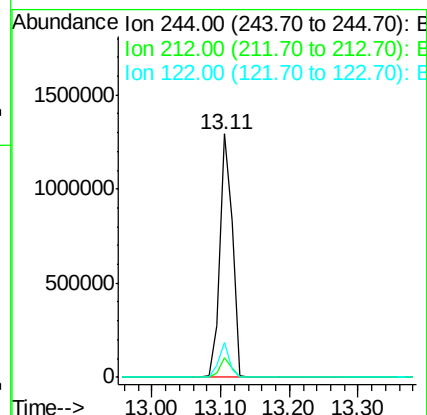
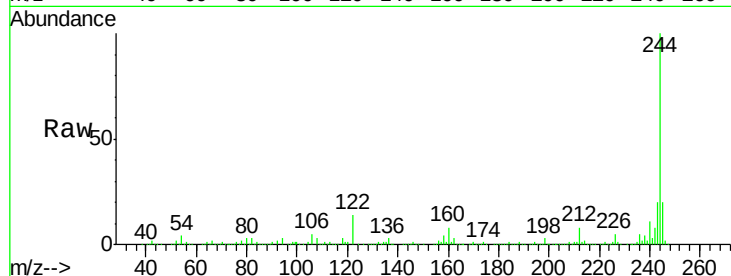




#78
 Terphenyl-d14
 Concen: 78.72 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB96342TB

Tgt Ion:244 Resp: 1672064
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.2 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: BF092536.D
 Acq: 26 Jan 2017 20:31

Tgt Ion:264 Resp: 489603
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.4 26.0

