

Data Path : Z:\HPCHEM1\BNA F\Data\BF020117\
 Data File : BF092703.D
 Acq On : 1 Feb 2017 14:47
 Operator : SJ/MA
 Sample : PB96611BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

Quant Time: Feb 01 15:31:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

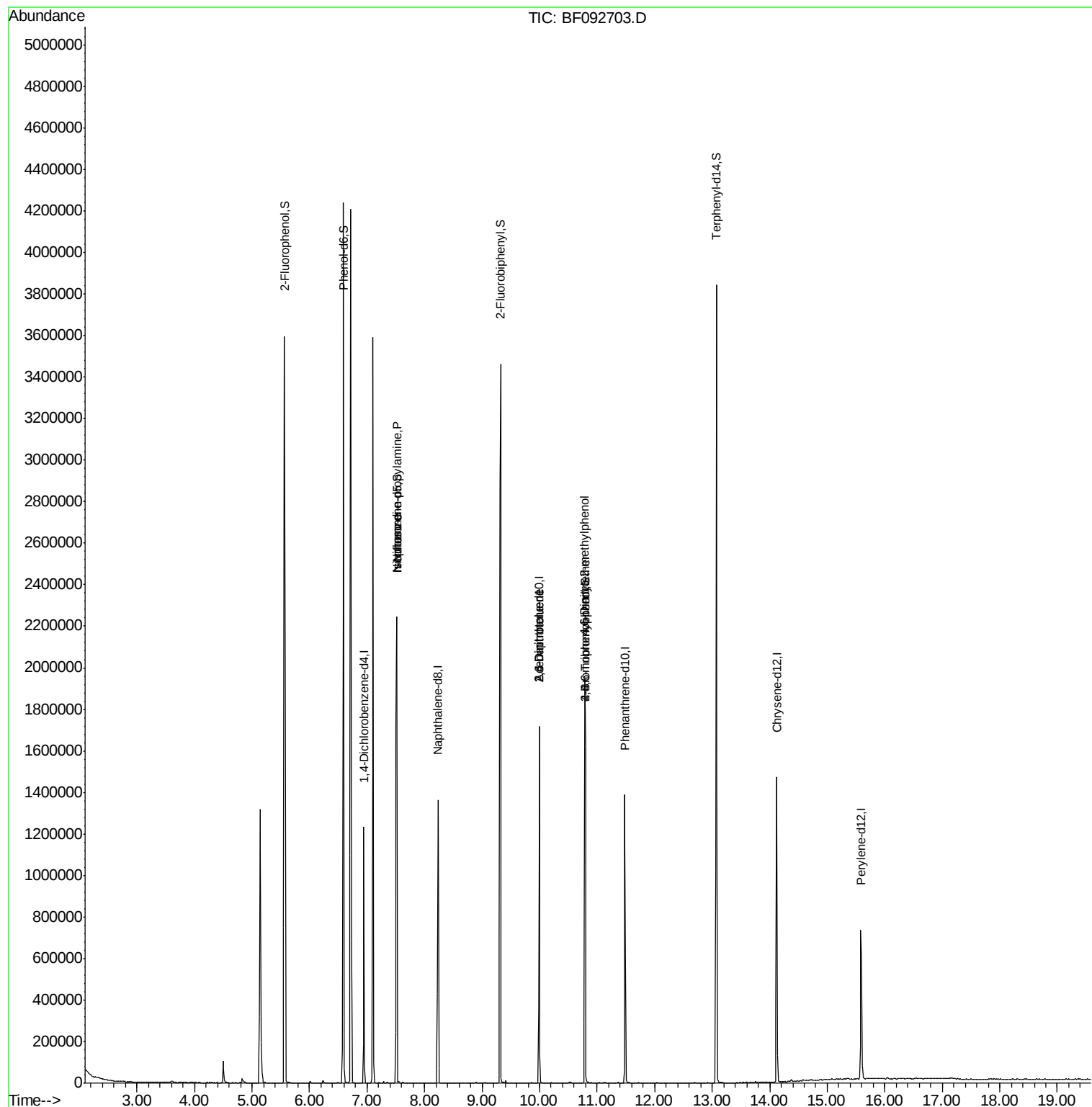
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	170192	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	638358	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	361821	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	570019	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	485683	20.00	ng	-0.02
86) Perylene-d12	15.59	264	376250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1260864	127.10	ng	-0.01
7) Phenol-d6	6.59	99	1583465	124.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	978545	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	320614	122.52	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1697903	85.02	ng	-0.01
78) Terphenyl-d14	13.07	244	1453287	70.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	129822	15.98	ng	# 78
25) Isophorone	7.52	82	922506	43.19	ng	# 65
50) 2,6-Dinitrotoluene	10.00	165	47537	9.03	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	47539	6.78	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	883	2.91	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23586	3.96	ng	# 1

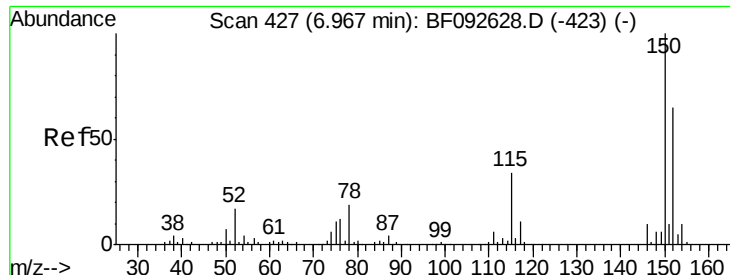
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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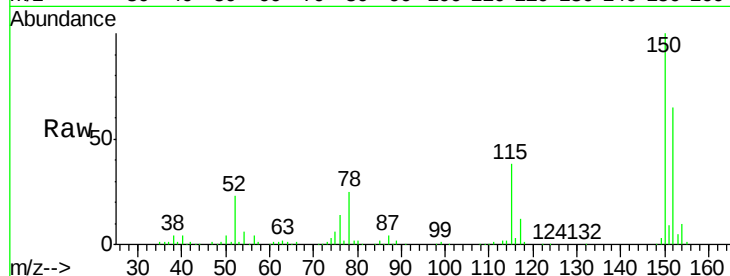


#1

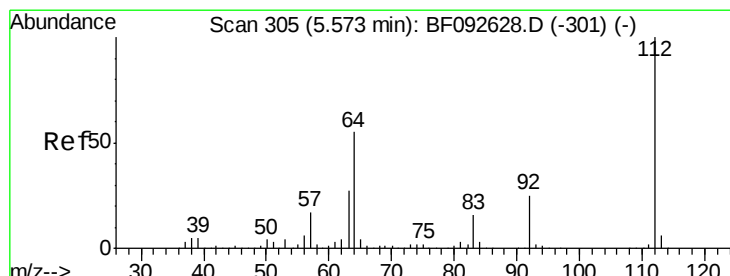
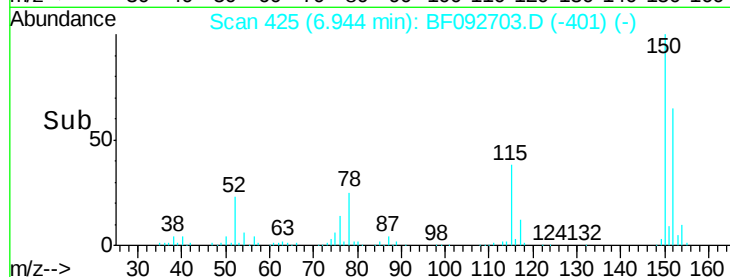
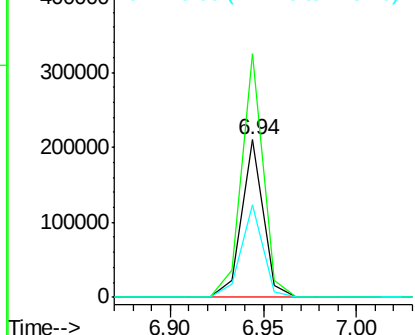
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tot Ion:152 Resp: 170192
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.1 46.0 69.0



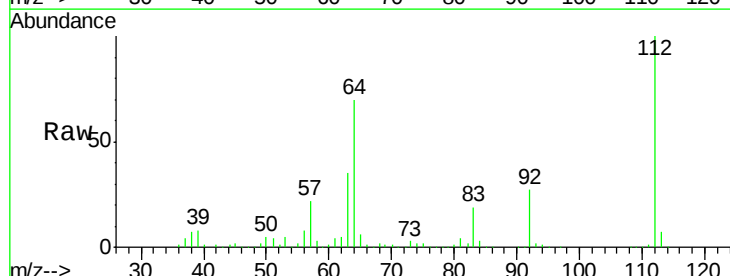
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



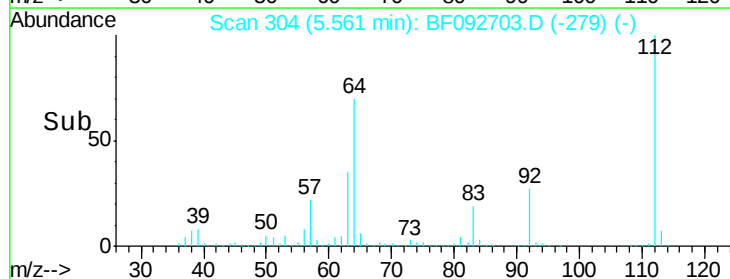
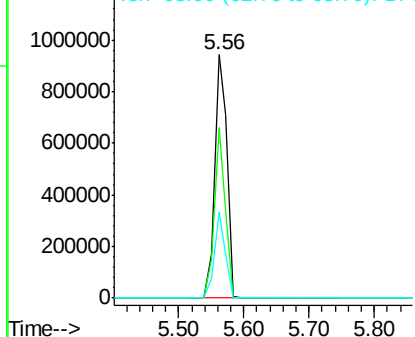
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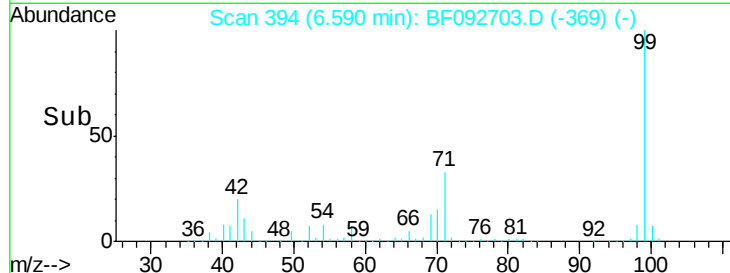
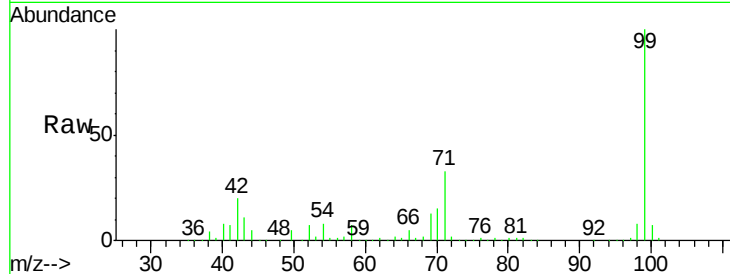
2-Fluorophenol
Concen: 127.10 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:112 Resp: 1260864
Ion Ratio Lower Upper
112 100
64 70.2 46.1 69.1#
63 35.2 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: 124.06 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

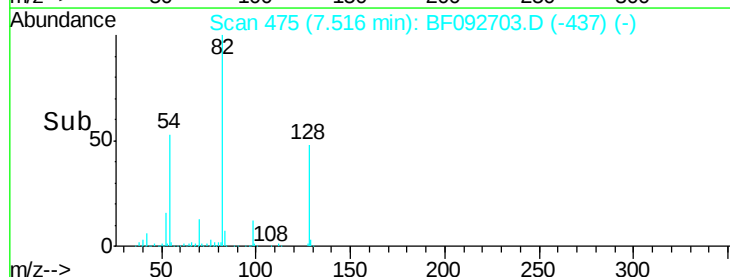
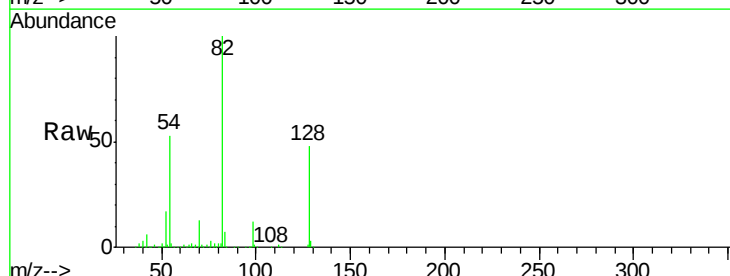
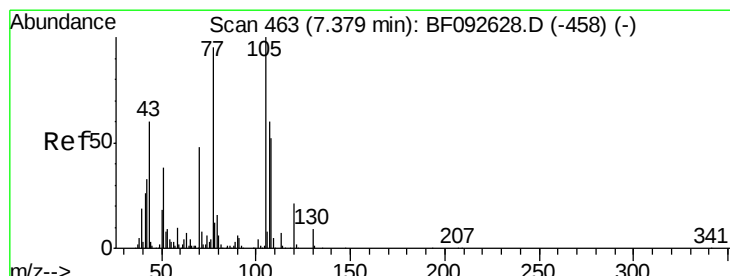
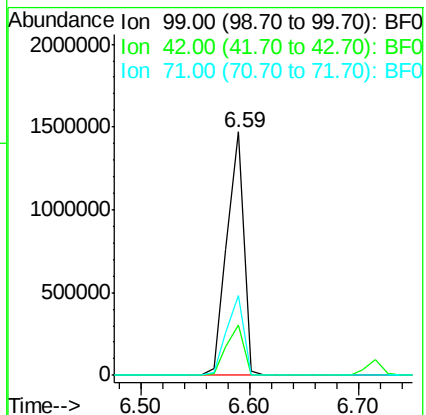
Tot Ion: 99 Resp: 1583465

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 33.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.98 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Tgt Ion: 70 Resp: 129822

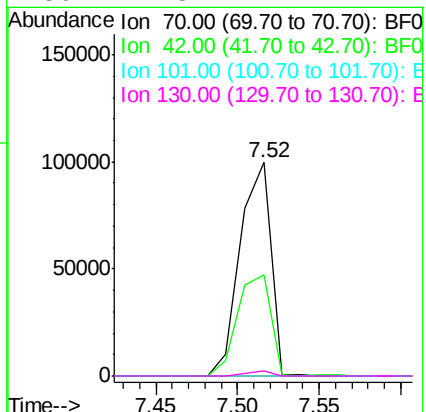
Ion Ratio Lower Upper

70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

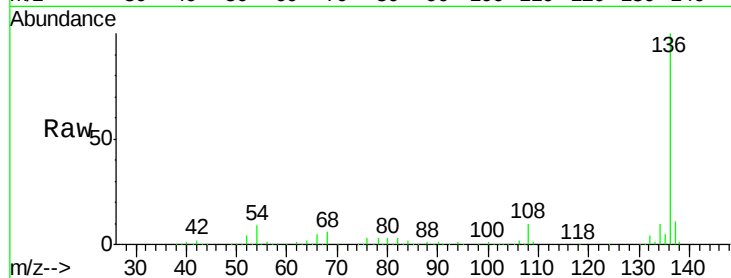




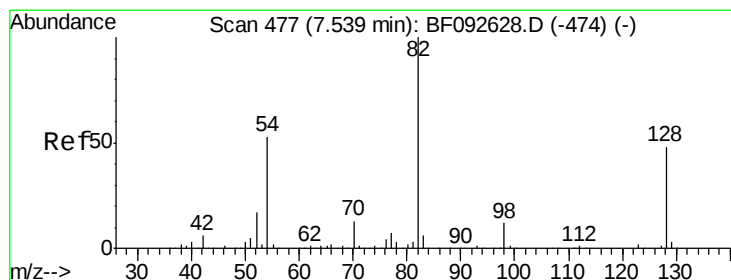
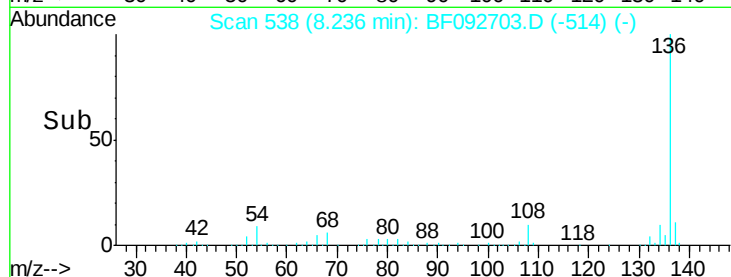
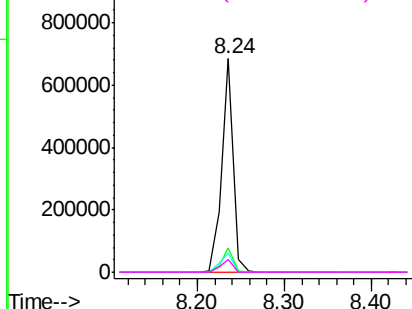
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tot Ion:136	Resp: 638358
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 9.0	4.5 6.7#
68 6.1	3.6 5.4#

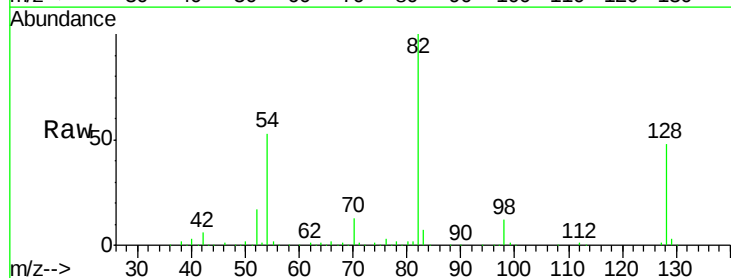


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

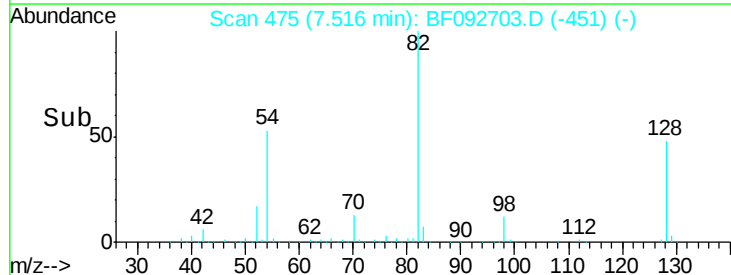
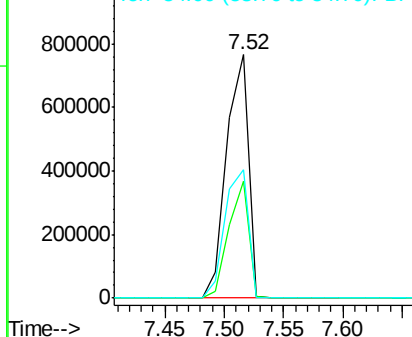


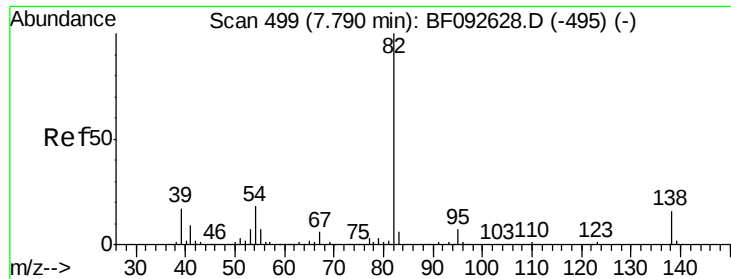
#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion: 82	Resp: 978545
Ion Ratio	Lower Upper
82 100	
128 48.2	34.6 52.0
54 52.7	39.5 59.3



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





#25

Isophorone

Concen: 43.19 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

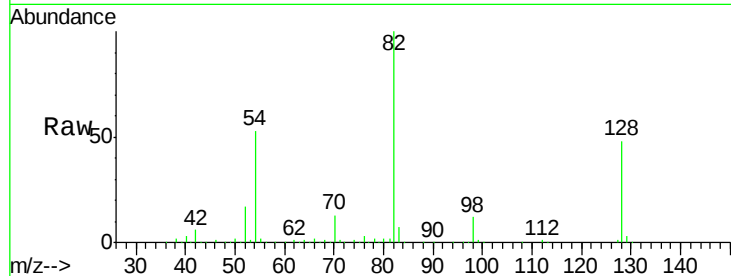
Tot Ion: 82 Resp: 922506

Ion Ratio Lower Upper

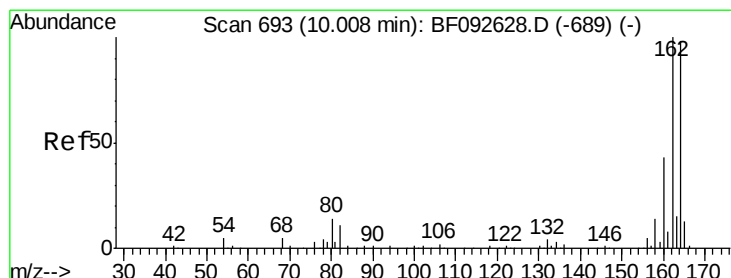
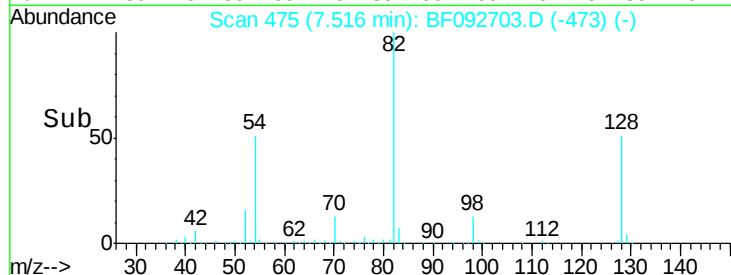
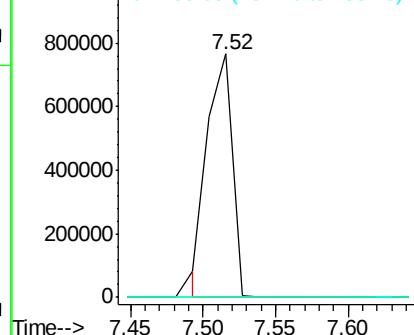
82 100

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: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

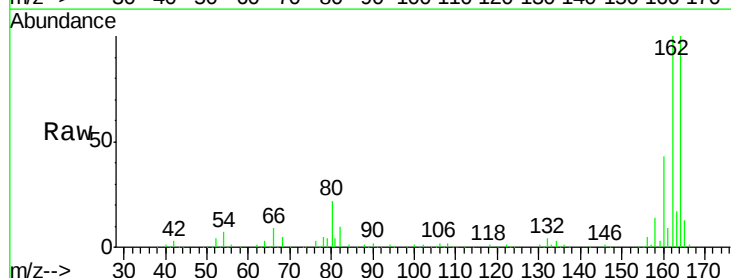
Tgt Ion:164 Resp: 361821

Ion Ratio Lower Upper

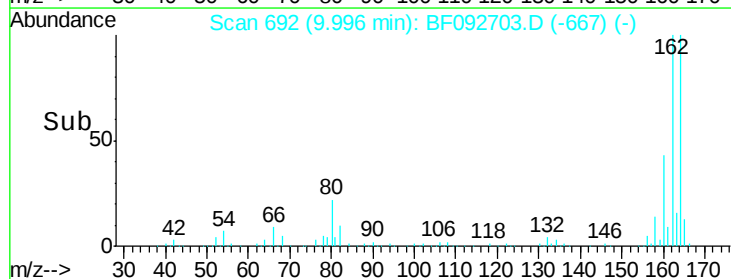
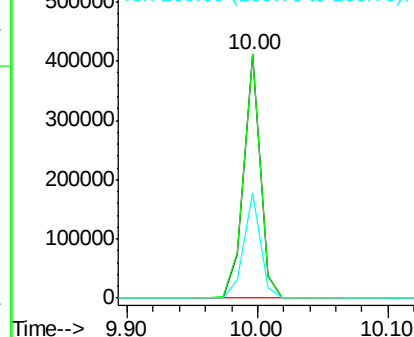
164 100

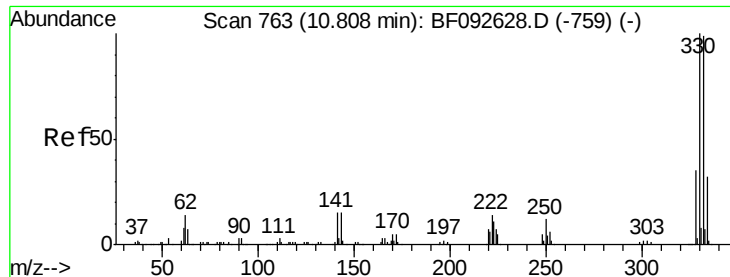
162 100.0 80.2 120.2

160 43.5 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

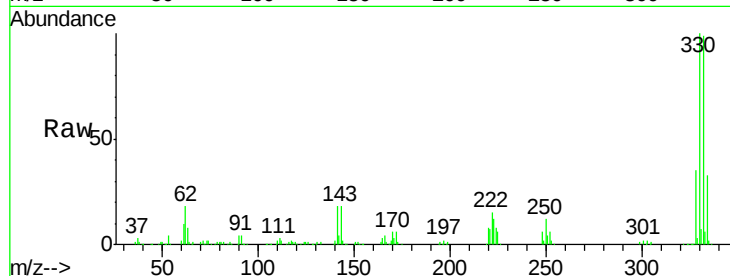




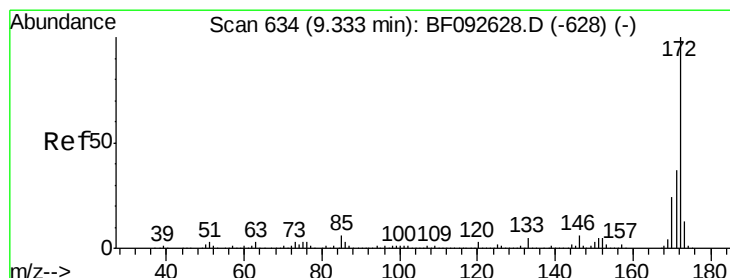
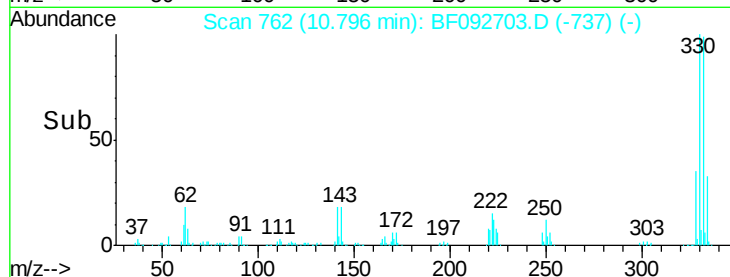
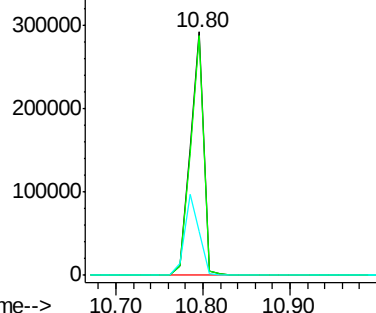
#41
 2,4,6-Tribromophenol
 Concen: 122.52 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	35.9	34.1	51.1

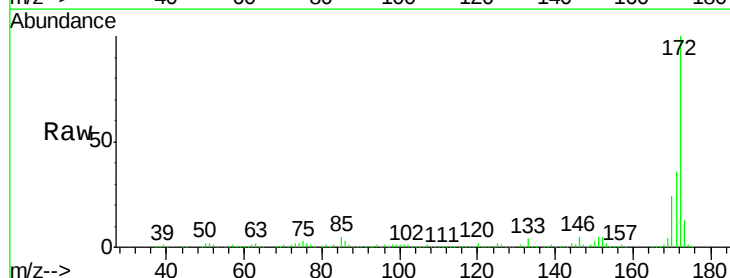


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

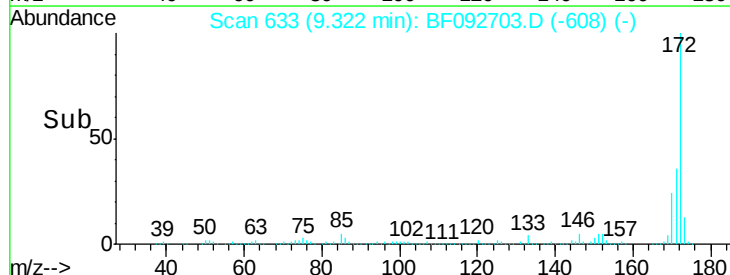
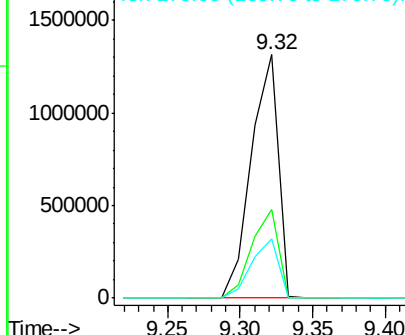


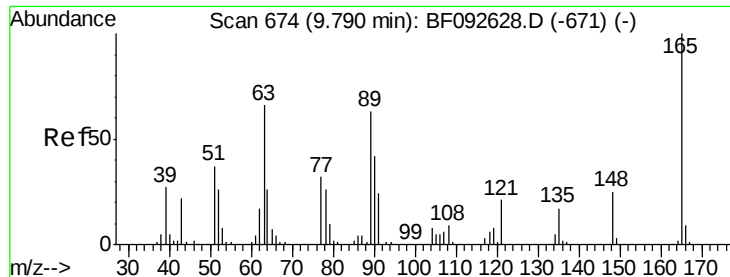
#44
 2-Fluorobiphenyl
 Concen: 85.02 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

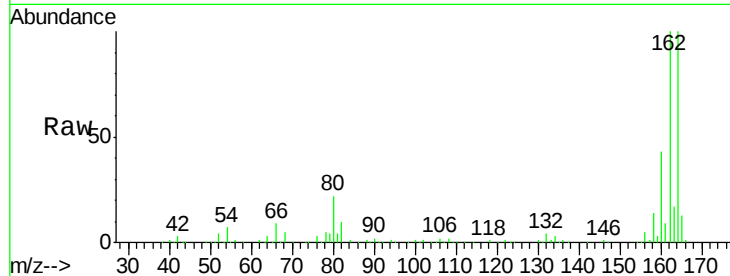




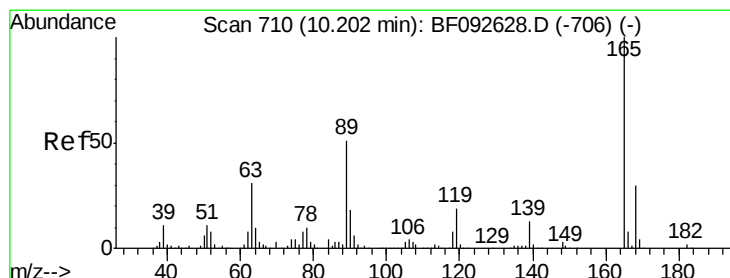
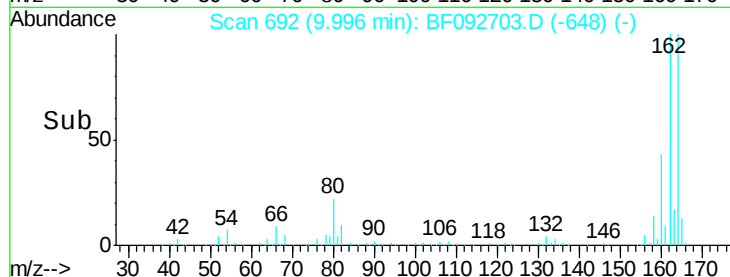
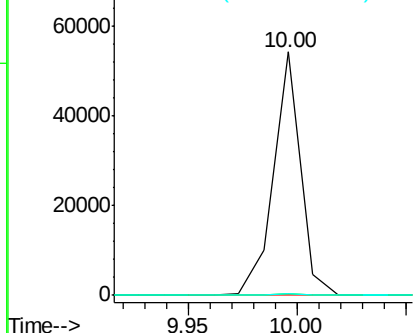
#50
 2,6-Dinitrotoluene
 Concen: 9.03 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

Tot Ion:165 Resp: 47537
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 0.6 40.2 60.4#

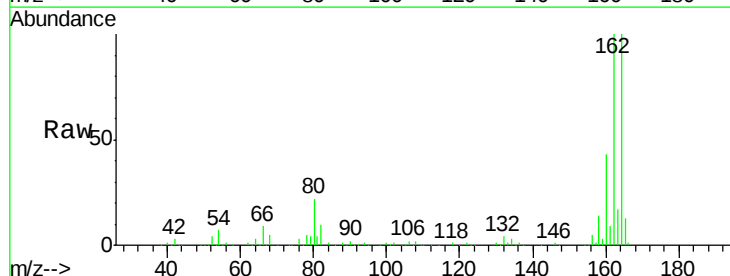


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

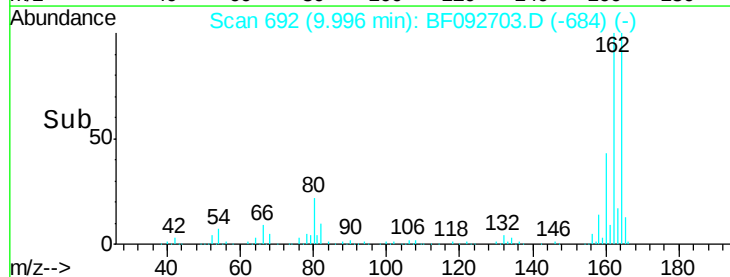
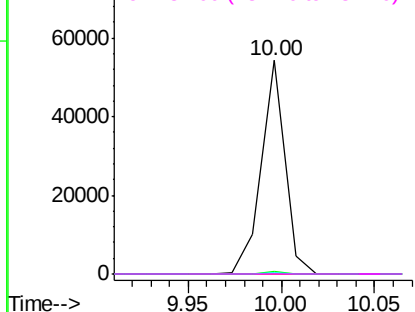


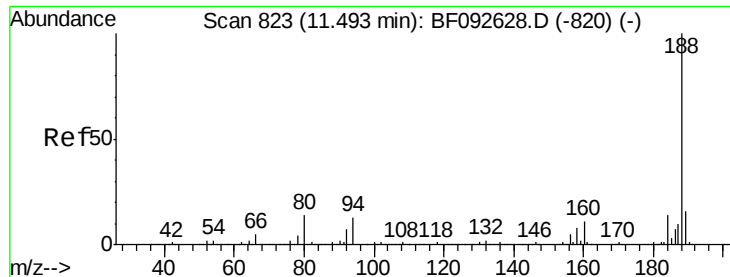
#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Tgt Ion:165 Resp: 47539
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.2 60.4#
 89 0.6 62.5 93.7#
 182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

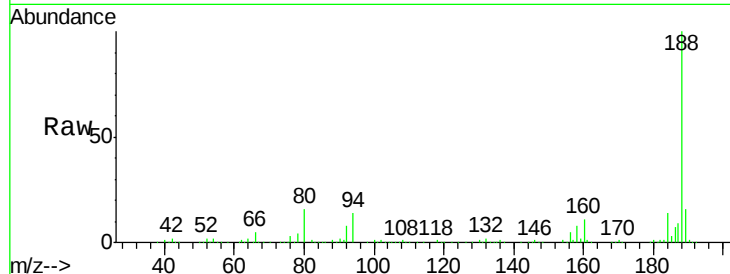




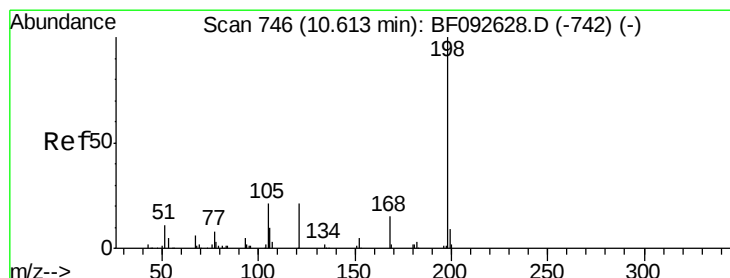
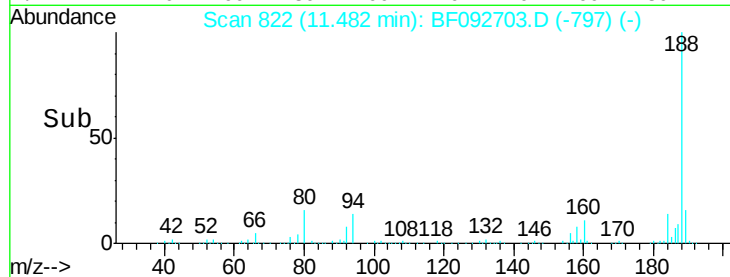
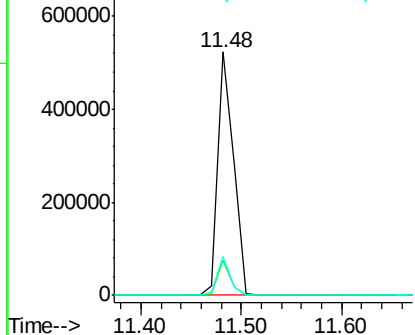
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Instrument :
BNA_F
ClientSampleId :
PB96611BL

Tot Ion:188 Resp: 570019
Ion Ratio Lower Upper
188 100
94 14.2 10.0 15.0
80 16.1 11.2 16.8

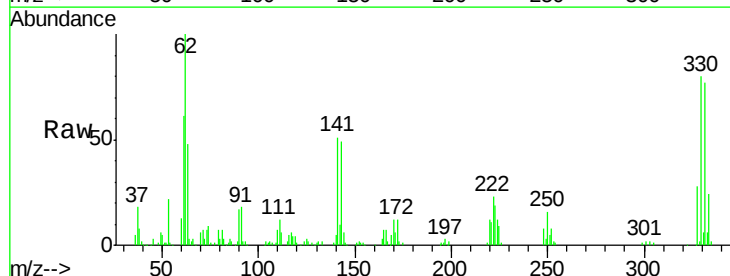


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

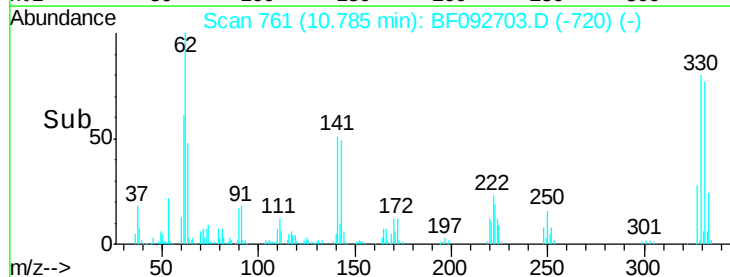
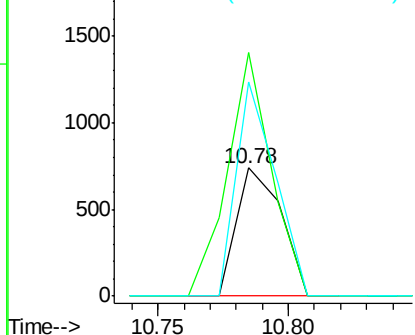


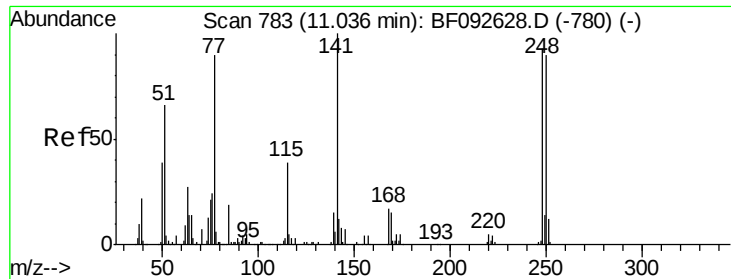
#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092703.D
Acq: 1 Feb 2017 14:47

Tgt Ion:198 Resp: 883
Ion Ratio Lower Upper
198 100
51 190.0 6.7 46.7#
105 167.4 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: 3.96 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

Instrument :

BNA_F

ClientSampleId :

PB96611BL

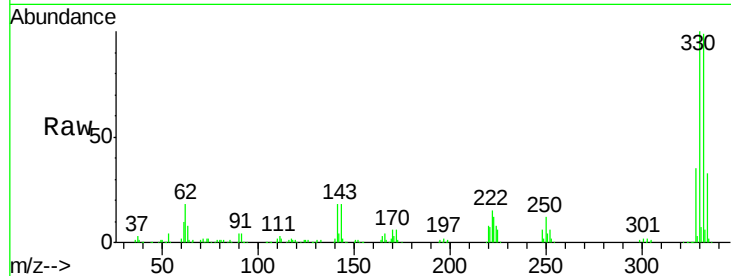
Tot Ion:248 Resp: 23586

Ion Ratio Lower Upper

248 100

250 195.9 76.9 115.3#

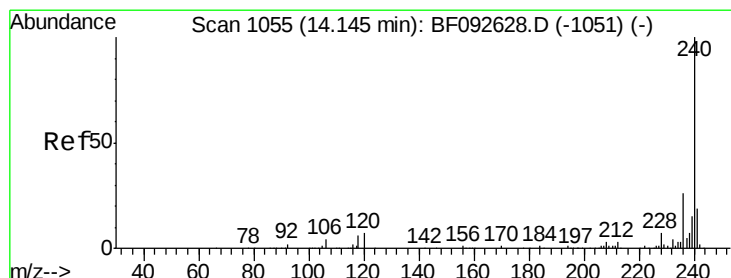
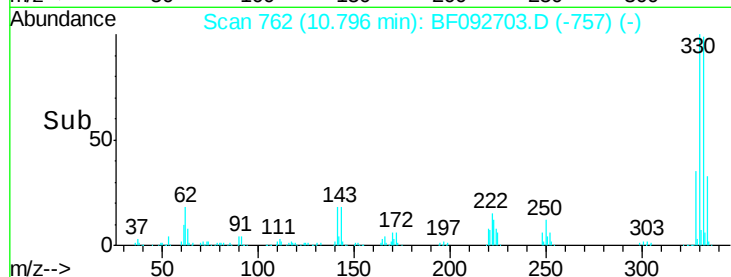
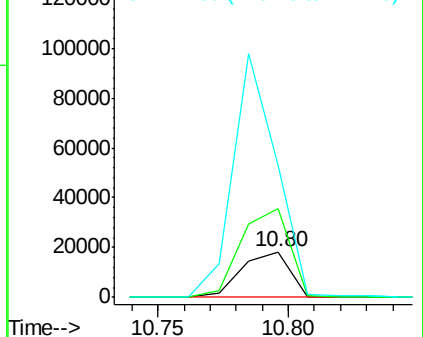
141 290.5 68.2 102.4#



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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092703.D

Acq: 1 Feb 2017 14:47

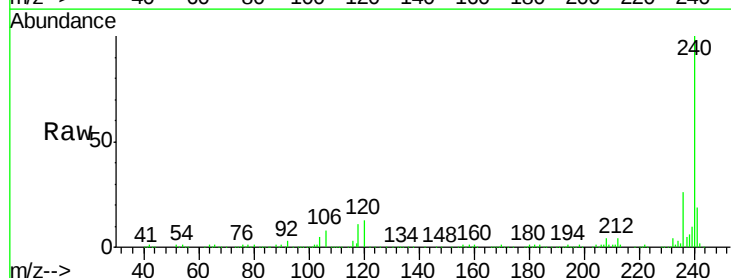
Tgt Ion:240 Resp: 485683

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

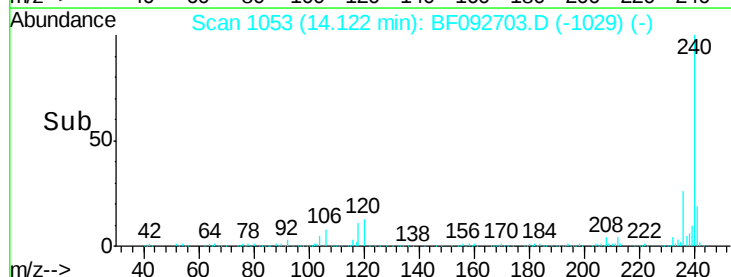
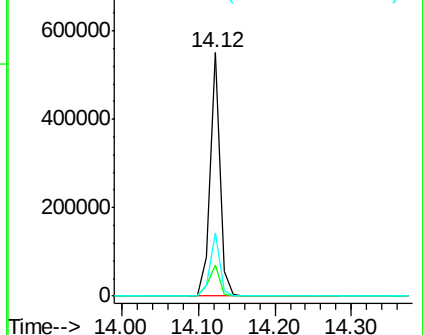
236 25.7 20.9 31.3

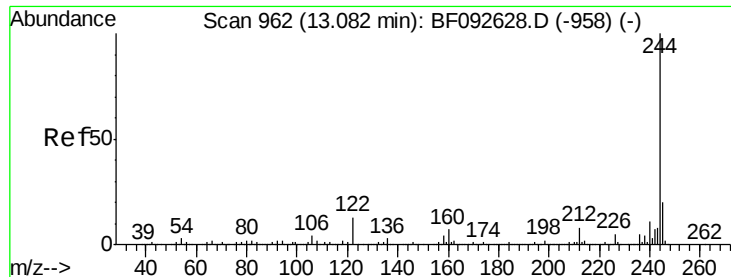


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



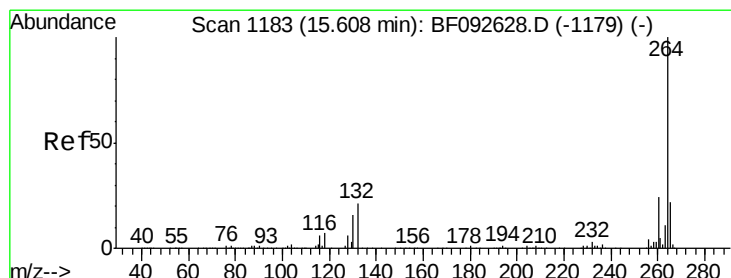
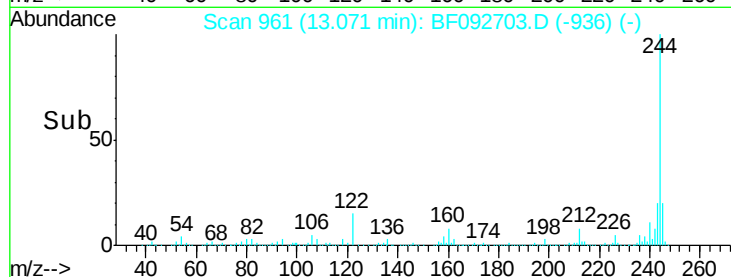
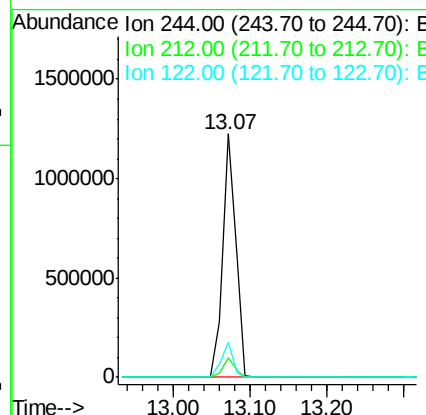
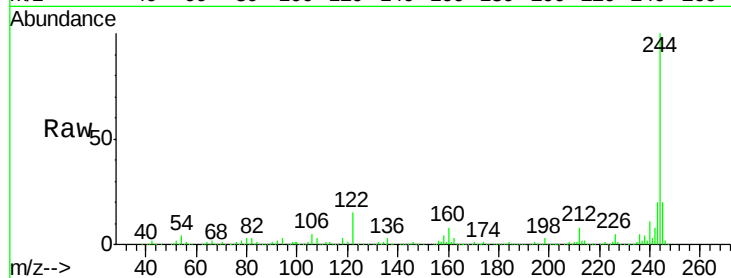


#78
 Terphenyl-d14
 Concen: 70.31 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BL

Tot Ion:244 Resp: 1453287

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.5	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092703.D
 Acq: 1 Feb 2017 14:47

Tgt Ion:264 Resp: 376250

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.4	26.0

