

Data File : BF092988.D
Acq On : 16 Feb 2017 18:36
Operator : SJ/MA
Sample : PB96981BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96981BL

Quant Time: Feb 16 23:52:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133708	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	574325	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	314568	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	505441	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	496318	20.00	ng	-0.05
86) Perylene-d12	15.44	264	414965	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	988134	126.79	ng	-0.02
7) Phenol-d6	6.50	99	1310045	130.64	ng	-0.03
23) Nitrobenzene-d5	7.42	82	826155	80.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	261672	115.01	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1481956	85.35	ng	-0.02
78) Terphenyl-d14	12.97	244	1461526	69.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	111604	17.48	ng	# 79
50) 2,6-Dinitrotoluene	9.89	165	41586	9.09	ng	# 30
56) 2,4-Dinitrotoluene	9.89	165	41587	6.83	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	802	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19700	3.73	ng	# 1

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

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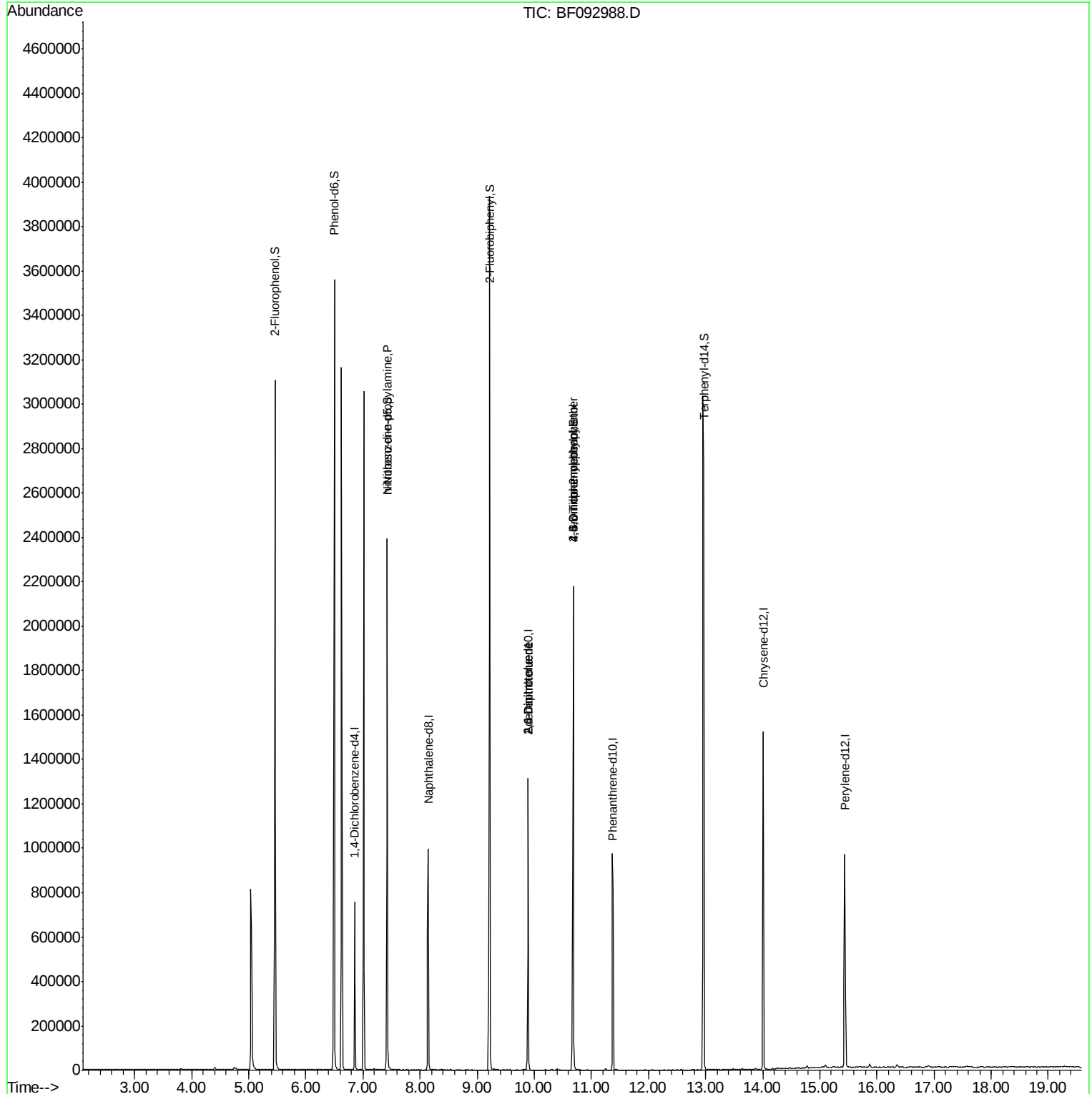
Quant Time: Feb 16 23:52:31 2017

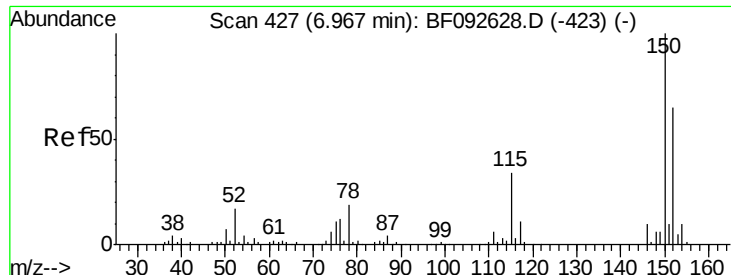
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Mon Feb 13 18:04:38 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

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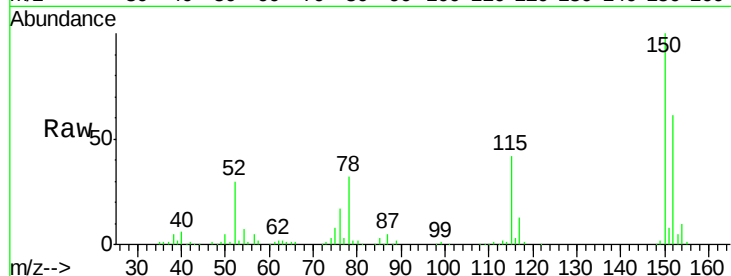
Tgt Ion:152 Resp: 133708

Ion Ratio Lower Upper

152 100

150 162.8 124.9 187.3

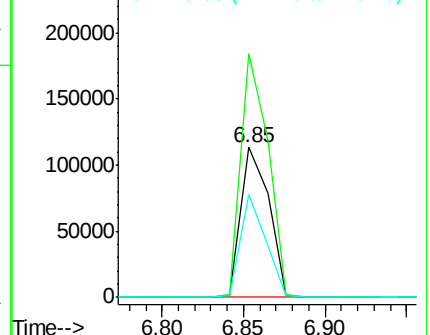
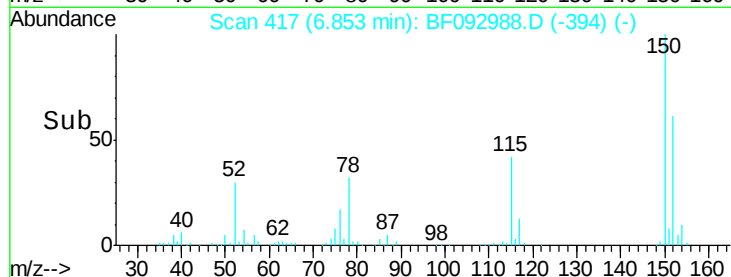
115 68.4 46.0 69.0



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: 126.79 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

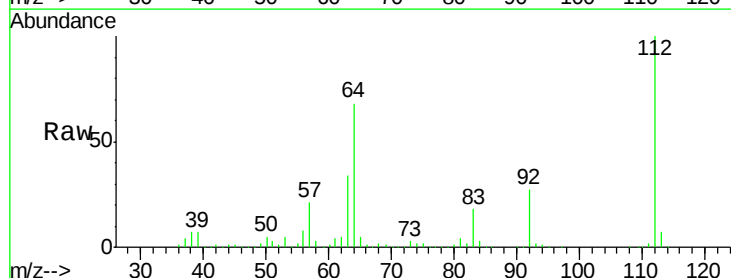
Tgt Ion:112 Resp: 988134

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

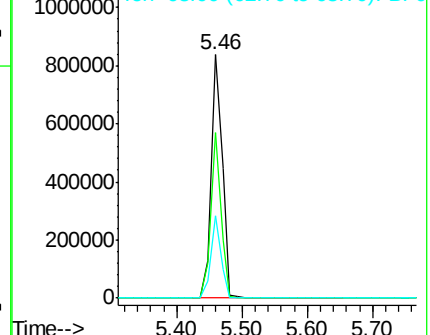
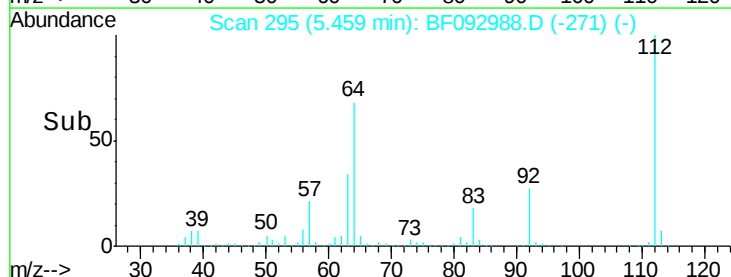
63 33.8 23.8 35.6



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: 130.64 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

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Acq: 16 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

PB96981BL

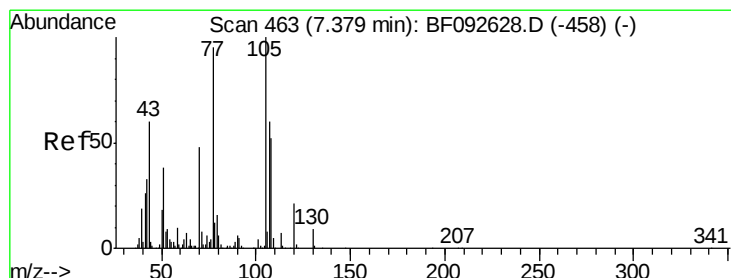
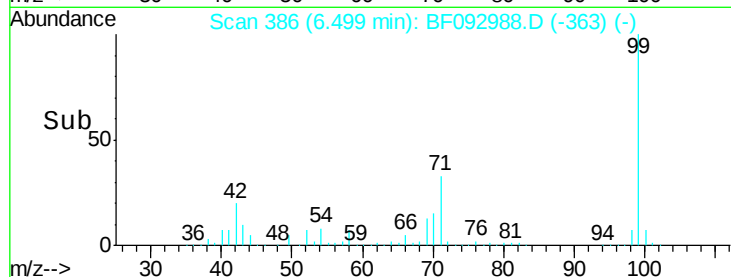
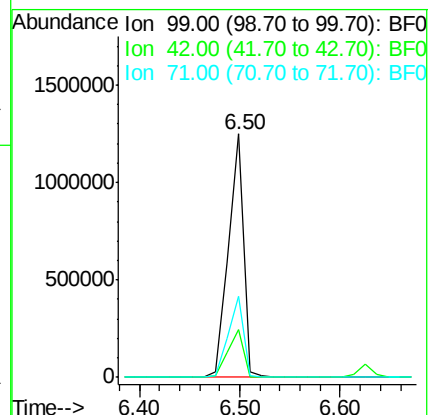
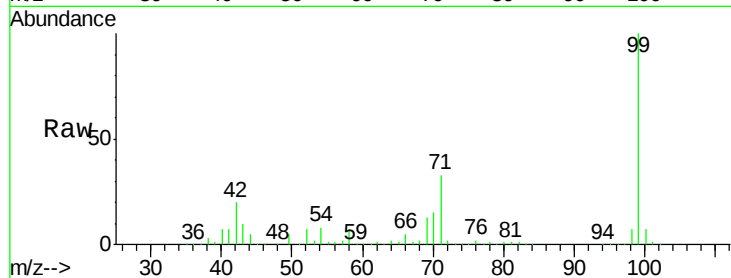
Tgt Ion: 99 Resp: 1310045

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 33.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.48 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

Tgt Ion: 70 Resp: 111604

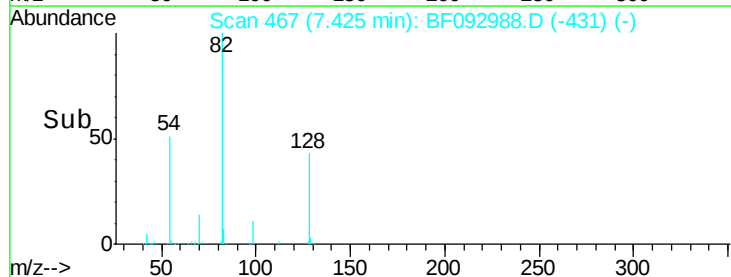
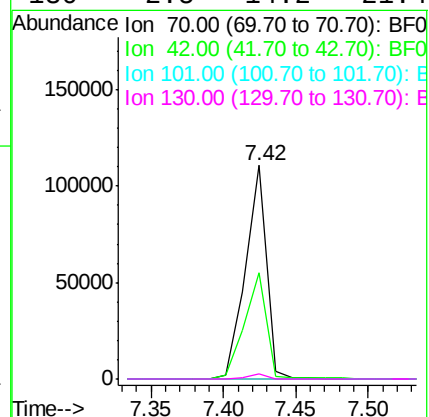
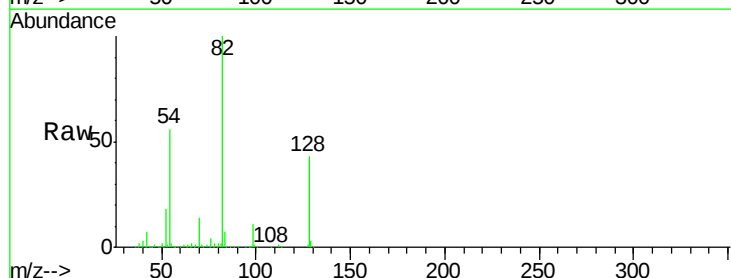
Ion Ratio Lower Upper

70 100

42 49.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

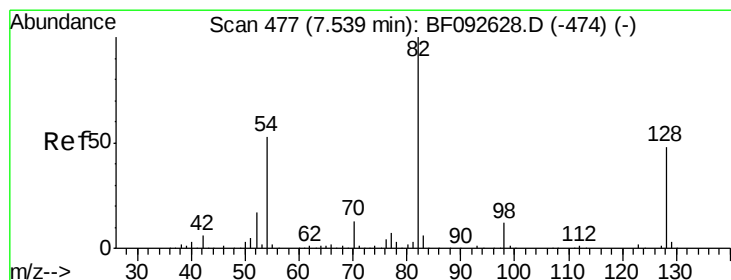
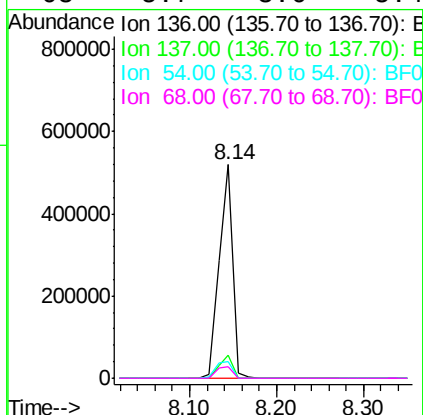
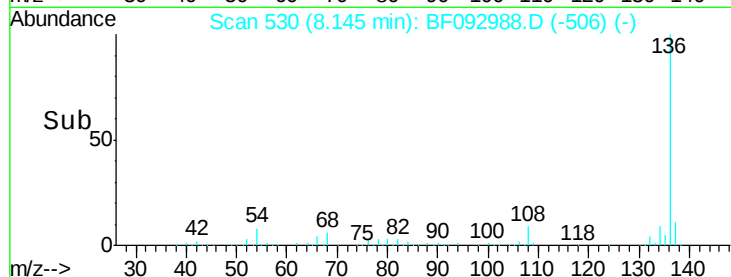
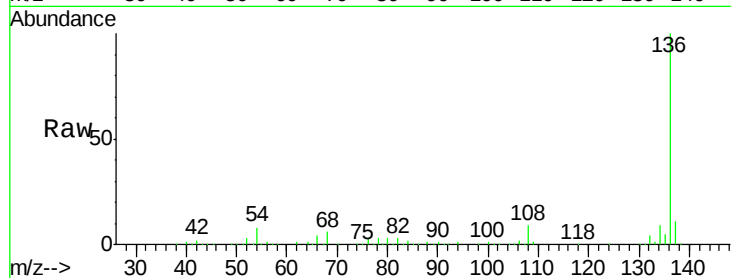




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092988.D
Acq: 16 Feb 2017 18:36

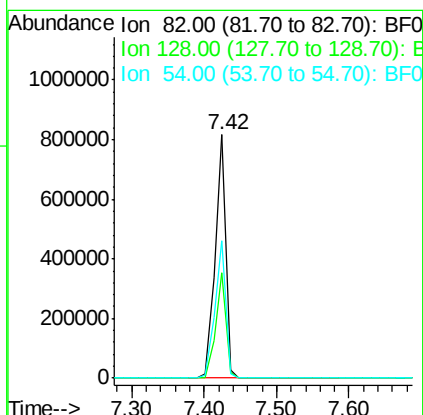
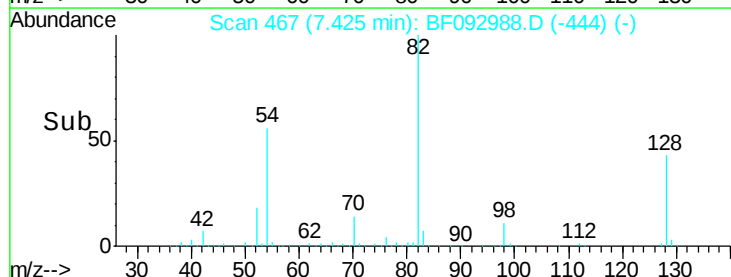
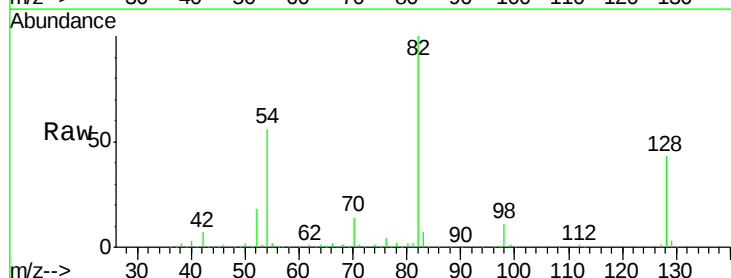
Instrument :
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PB96981BL

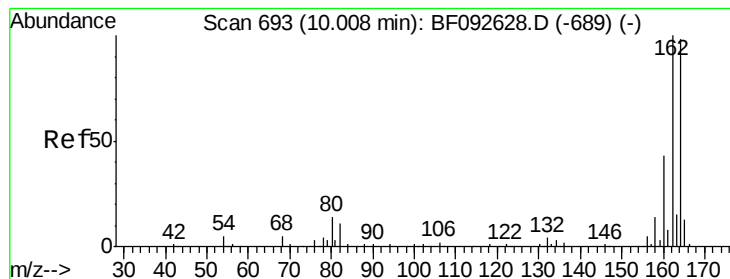
Tgt Ion:	136	Resp:	574325
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.8	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 80.11 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF092988.D
Acq: 16 Feb 2017 18:36

Tgt Ion:	82	Resp:	826155
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	56.3	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

PB96981BL

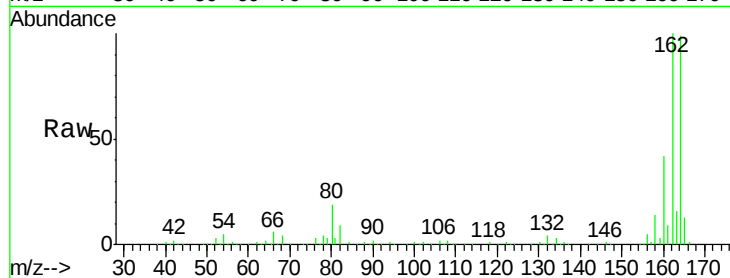
Tgt Ion:164 Resp: 314568

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

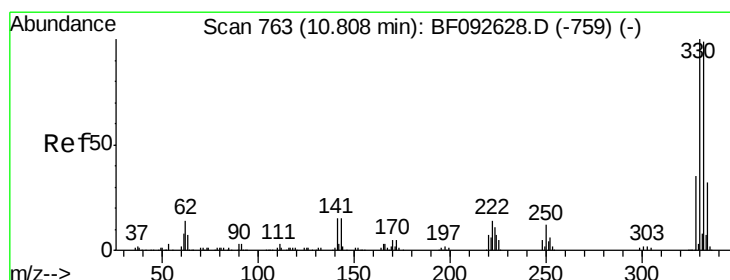
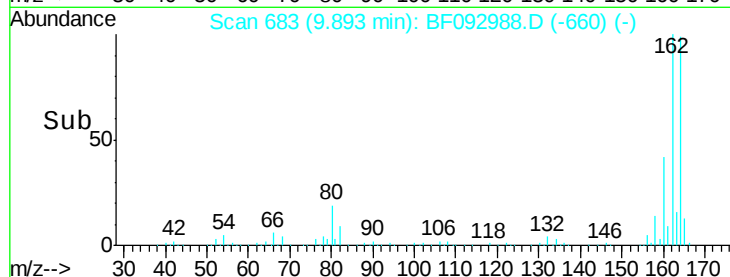
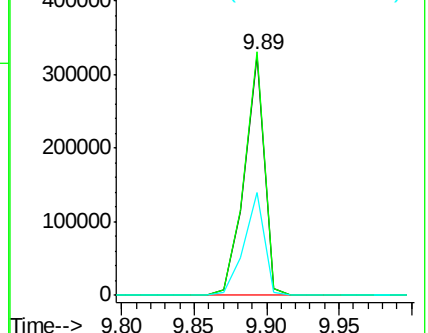
160 42.7 36.9 55.3



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: 115.01 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

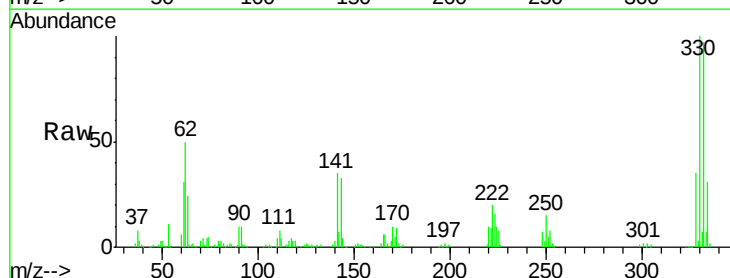
Tgt Ion:330 Resp: 261672

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

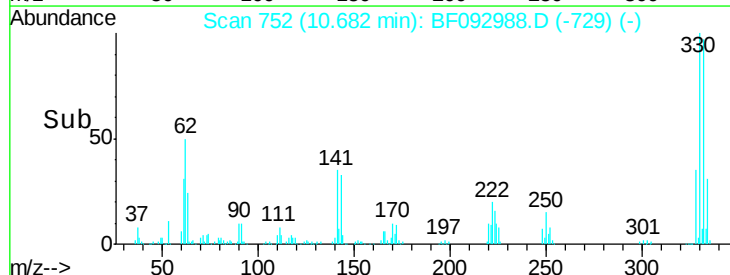
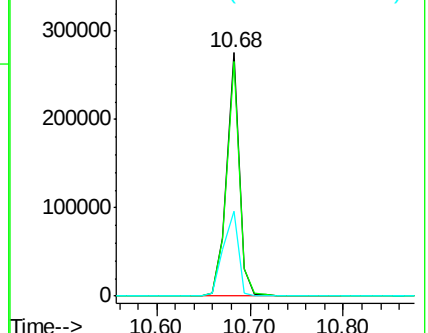
141 41.6 34.1 51.1

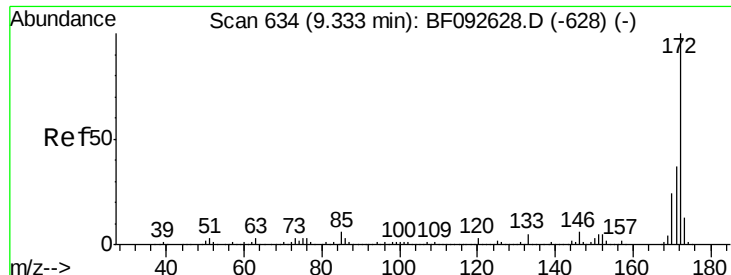


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

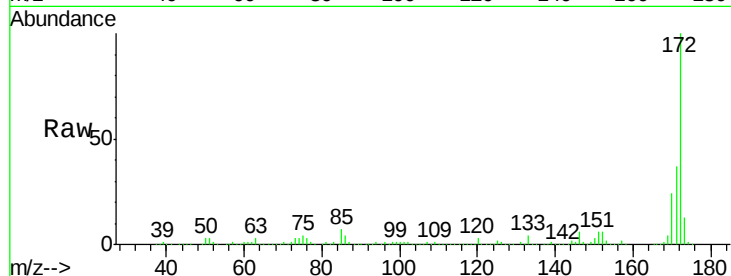




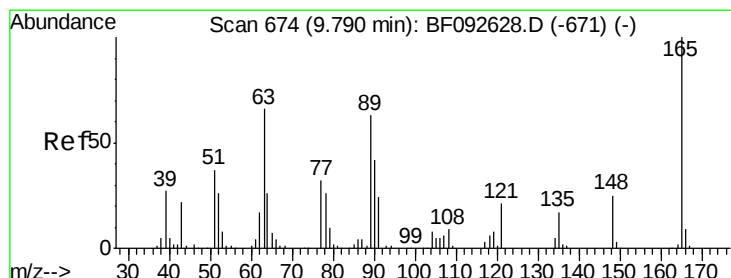
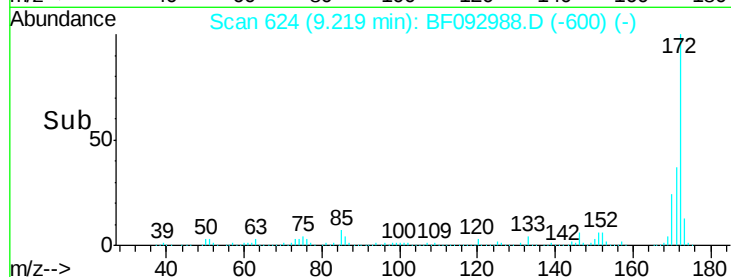
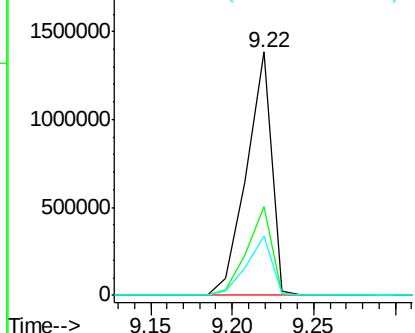
#44
 2-Fluorobiphenyl
 Concen: 85.35 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092988.D
 Acq: 16 Feb 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB96981BL

Tgt Ion:172 Resp: 1481956
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4

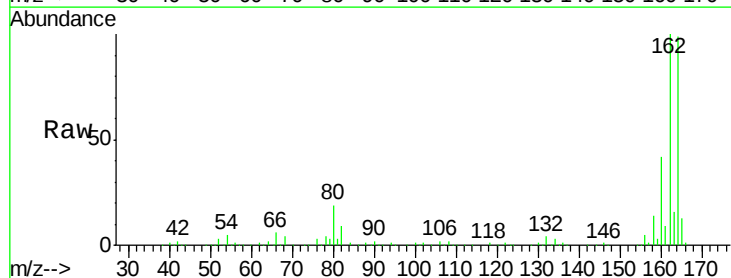


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

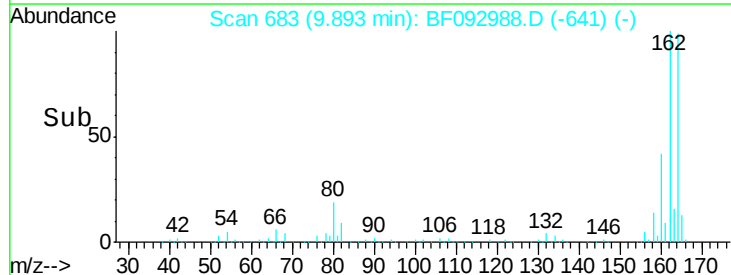
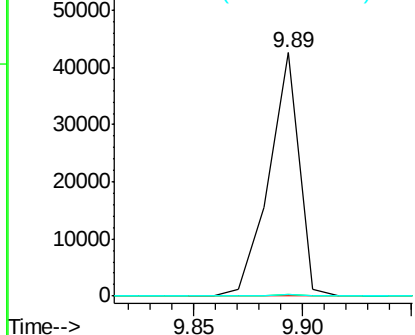


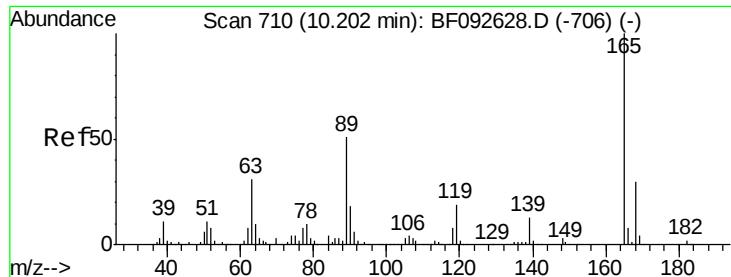
#50
 2,6-Dinitrotoluene
 Concen: 9.09 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092988.D
 Acq: 16 Feb 2017 18:36

Tgt Ion:165 Resp: 41586
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 0.9 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: 6.83 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.23 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

PB96981BL

Tgt Ion:165 Resp: 41587

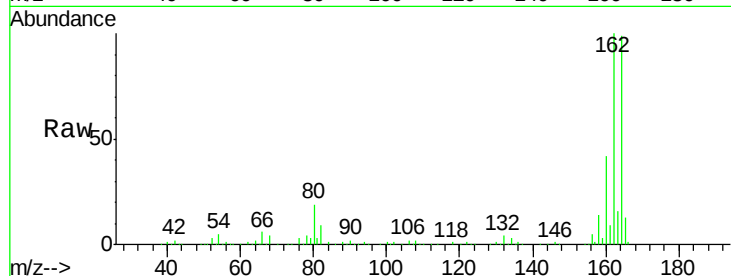
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 0.9 62.5 93.7#

182 0.0 1.8 2.8#

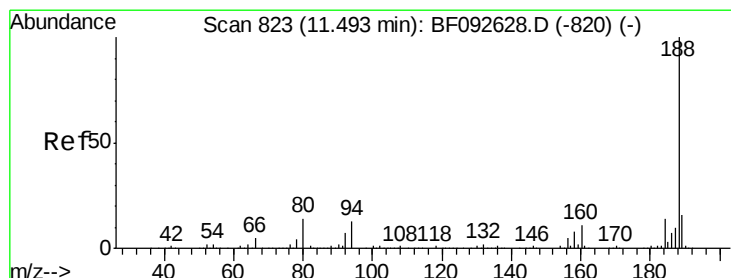
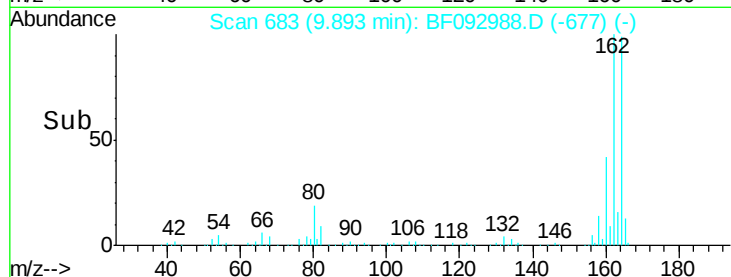
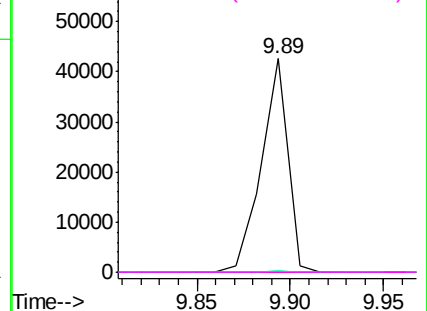


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

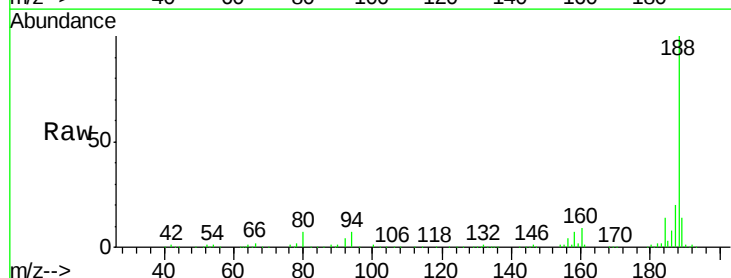
Tgt Ion:188 Resp: 505441

Ion Ratio Lower Upper

188 100

94 6.7 10.0 15.0#

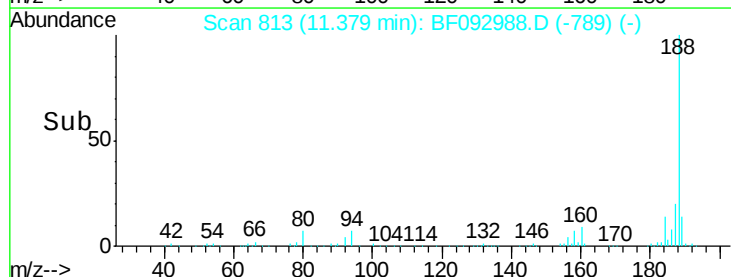
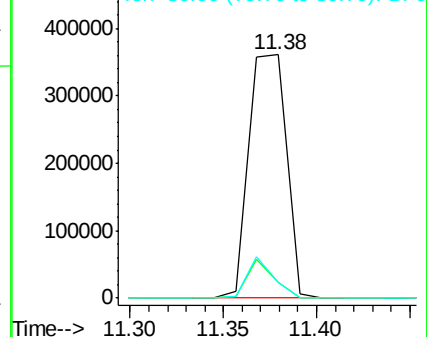
80 6.6 11.2 16.8#

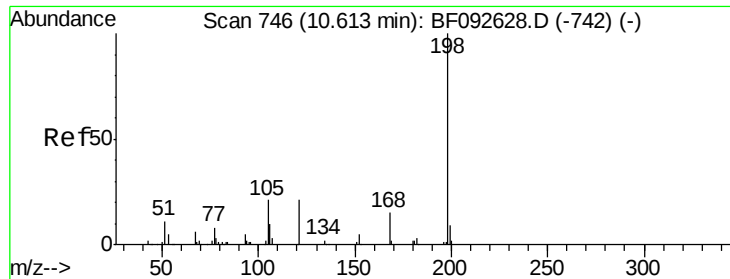


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

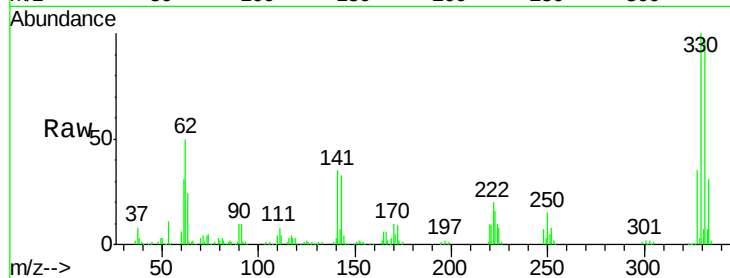




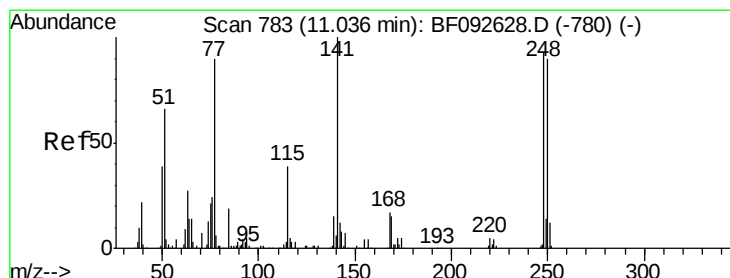
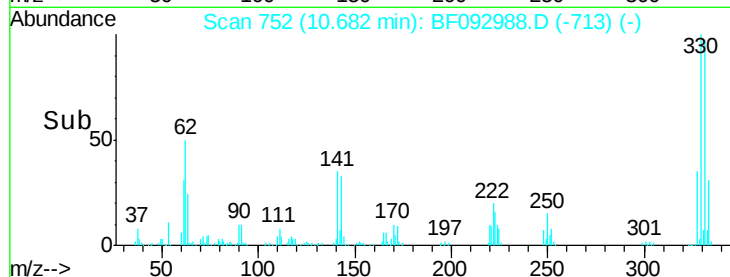
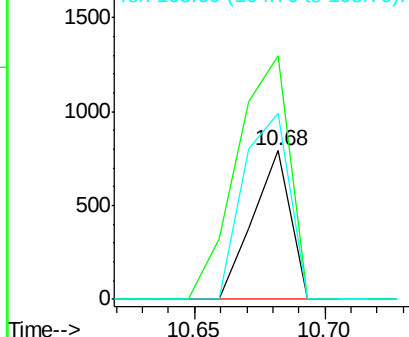
#64
4,6-Dinitro-2-methylphenol
Concen: 2.92 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF092988.D
Acq: 16 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :
PB96981BL

Tgt Ion:198 Resp: 802
Ion Ratio Lower Upper
198 100
51 164.2 6.7 46.7#
105 125.4 16.6 56.6#

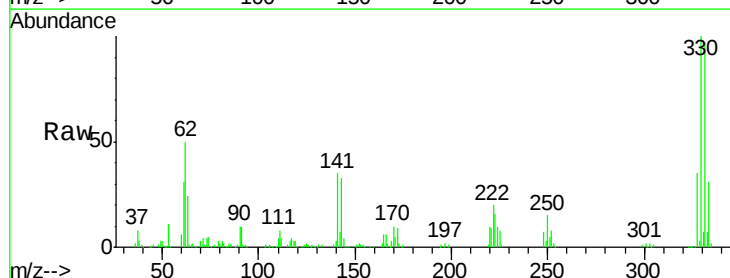


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

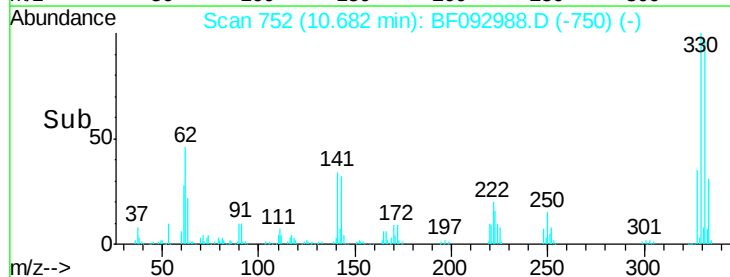
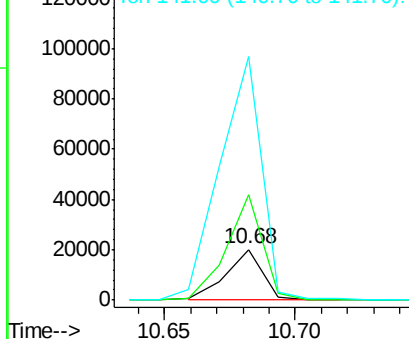


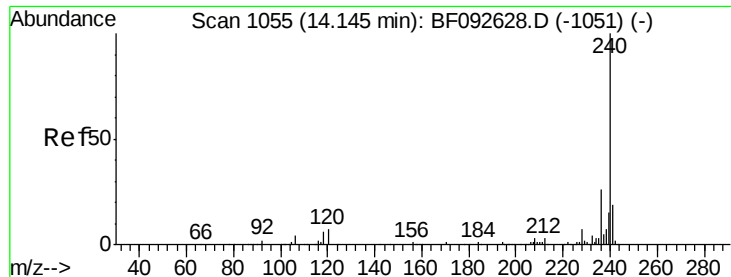
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF092988.D
Acq: 16 Feb 2017 18:36

Tgt Ion:248 Resp: 19700
Ion Ratio Lower Upper
248 100
250 207.7 76.9 115.3#
141 477.9 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: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

Instrument :

BNA_F

ClientSampleId :

PB96981BL

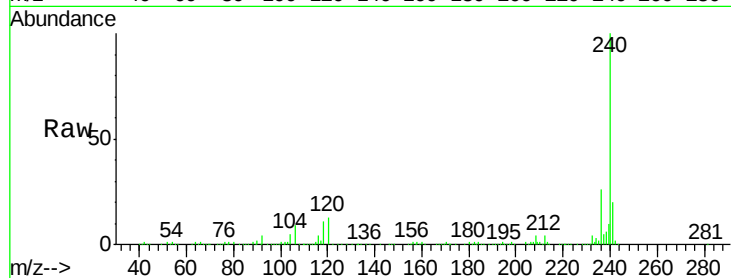
Tgt Ion:240 Resp: 496318

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3

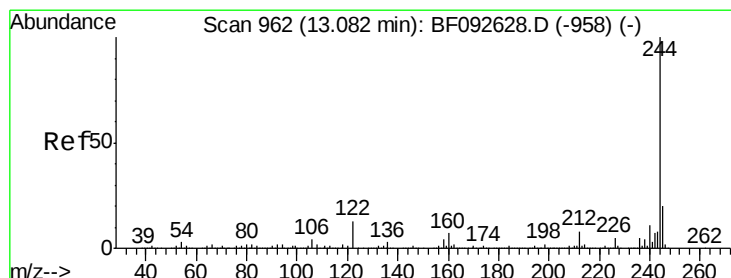
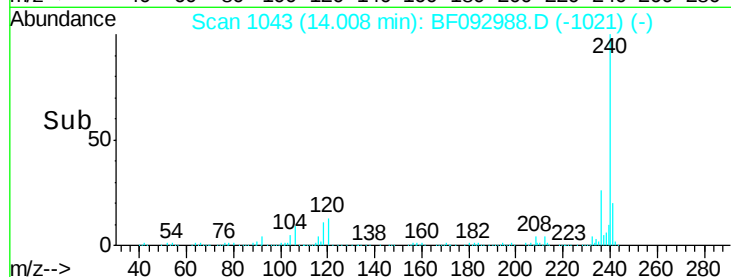
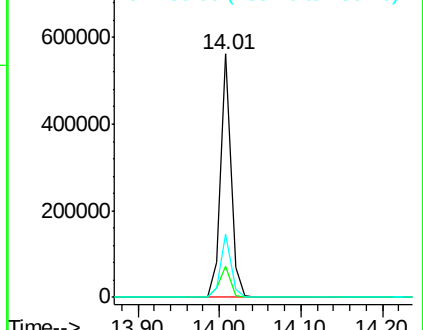
236 25.9 20.9 31.3



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: 69.19 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092988.D

Acq: 16 Feb 2017 18:36

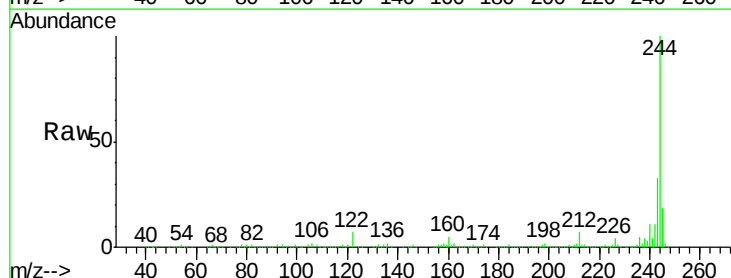
Tgt Ion:244 Resp: 1461526

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

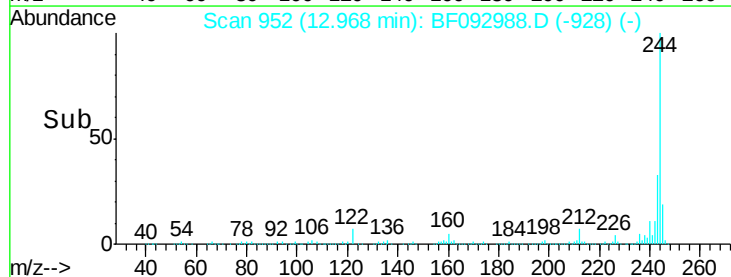
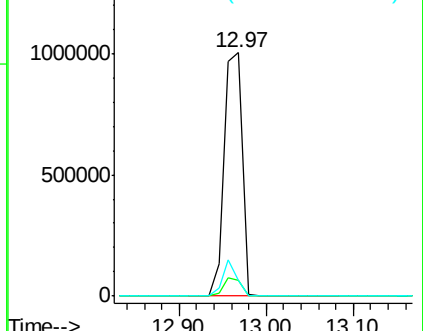
122 6.6 11.4 17.2#

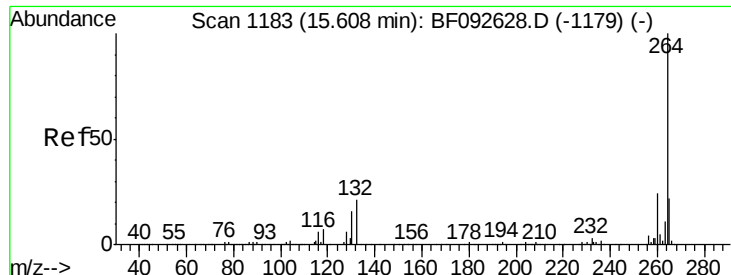


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

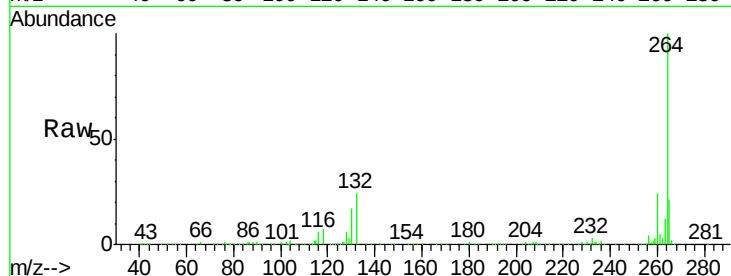




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF092988.D
Acq: 16 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :
PB96981BL

Tgt Ion: 264 Resp: 414965
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 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

