

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092866.D
 Acq On : 8 Feb 2017 21:13
 Operator : SJ/MA
 Sample : I1740-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-D-M

Quant Time: Feb 08 23:44:07 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

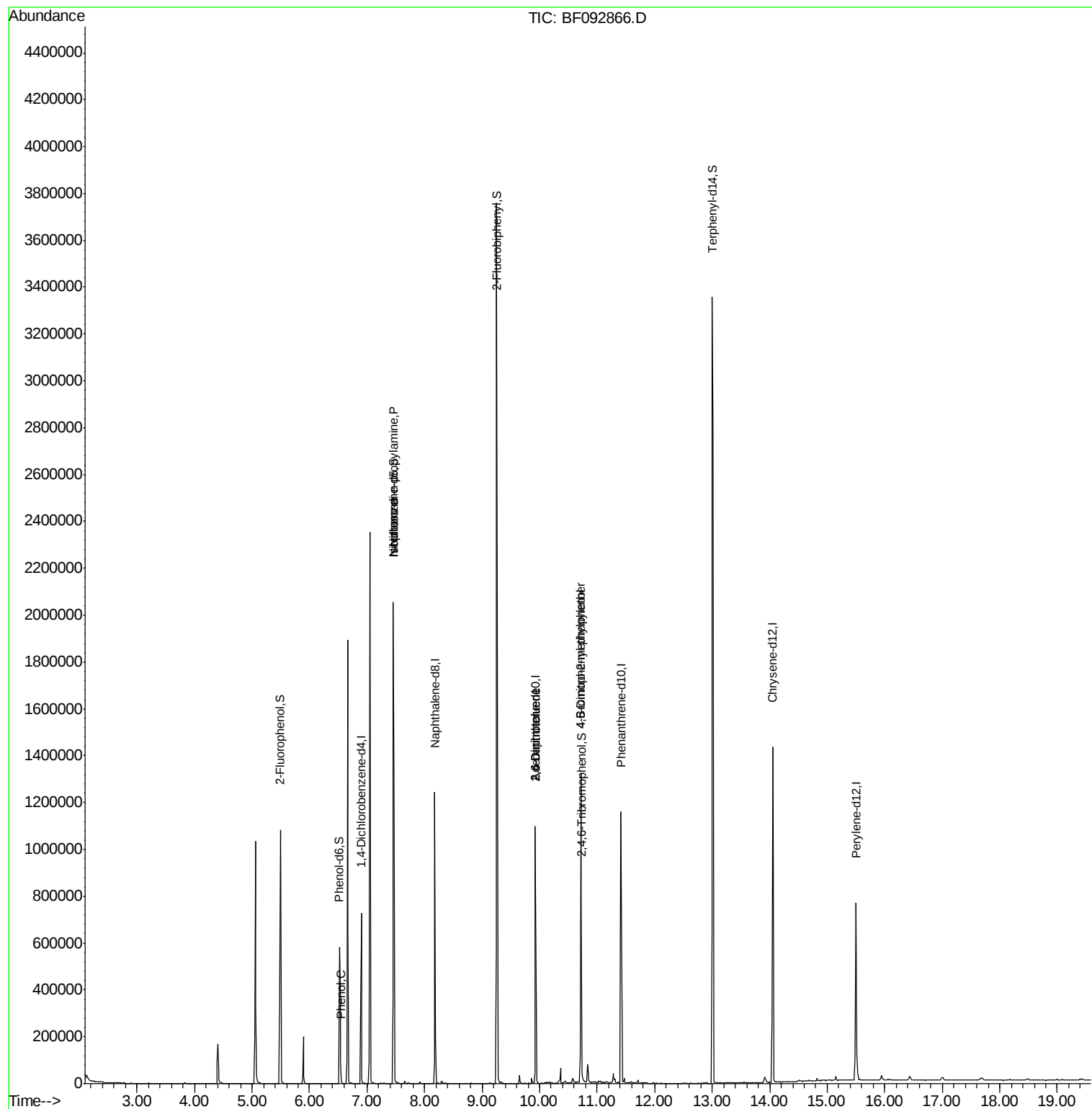
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133612	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	525475	20.00	ng	-0.08
38) Acenaphthene-d10	9.93	164	278600	20.00	ng	-0.08
63) Phenanthrene-d10	11.41	188	486398	20.00	ng	-0.08
75) Chrysene-d12	14.05	240	468259	20.00	ng	-0.09
86) Perylene-d12	15.51	264	407930	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	301436	38.71	ng	-0.08
7) Phenol-d6	6.52	99	232017	23.15	ng	-0.08
23) Nitrobenzene-d5	7.46	82	871316	92.34	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	194876	96.71	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1567136	101.91	ng	-0.08
78) Terphenyl-d14	13.00	244	1607271	80.65	ng	-0.08
Target Compounds						
10) Phenol	6.54	94	32896	2.81	ng	# 66
19) n-Nitroso-di-n-propylamine	7.46	70	111975	17.55	ng	# 84
25) Isophorone	7.46	82	871057	49.54	ng	# 65
50) 2,6-Dinitrotoluene	9.93	165	35314	8.71	ng	# 31
56) 2,4-Dinitrotoluene	9.93	165	35316	6.55	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.72	198	372	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13674	2.69	ng	# 1

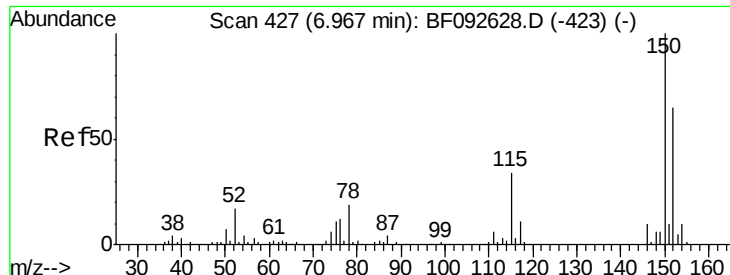
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092866.D
Acq On : 8 Feb 2017 21:13
Operator : SJ/MA
Sample : I1740-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Quant Time: Feb 08 23:44:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

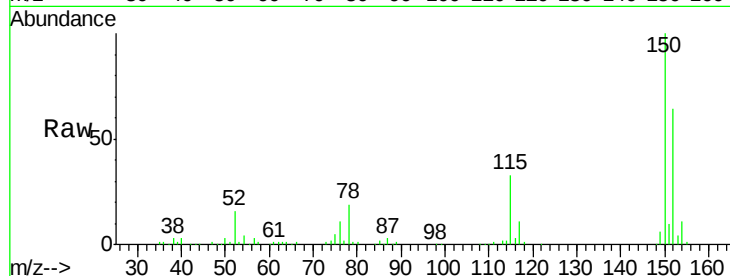
Tgt Ion:152 Resp: 133612

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

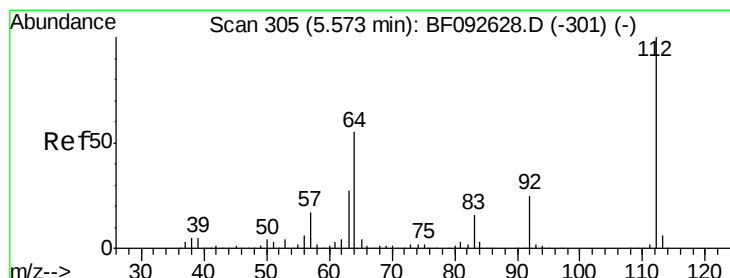
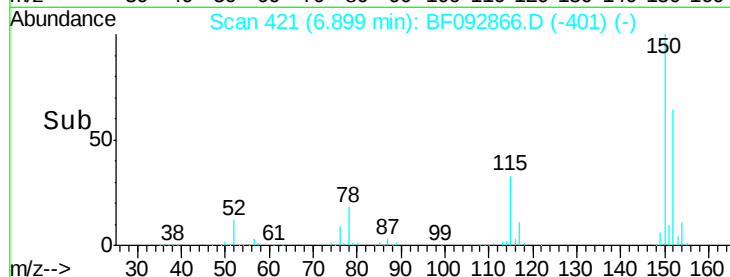
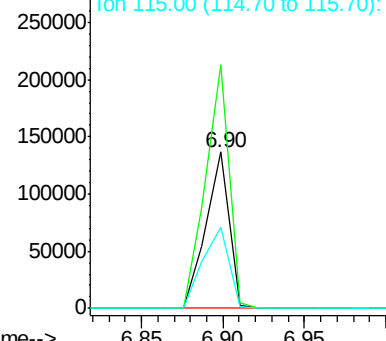
115 52.0 46.0 69.0



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: 38.71 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

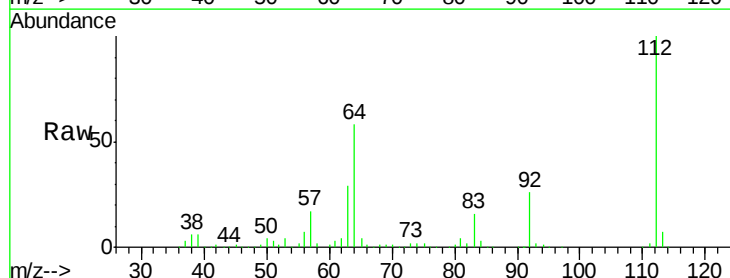
Tgt Ion:112 Resp: 301436

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

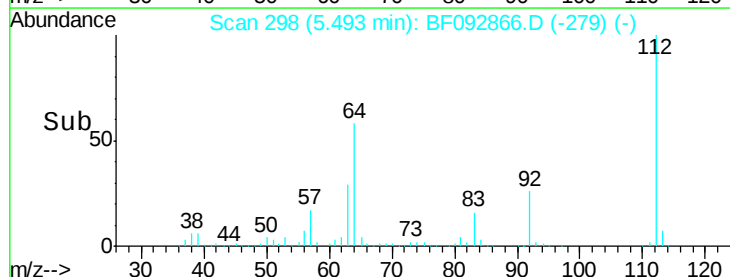
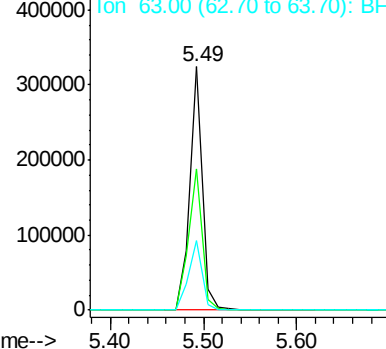
63 28.7 23.8 35.6

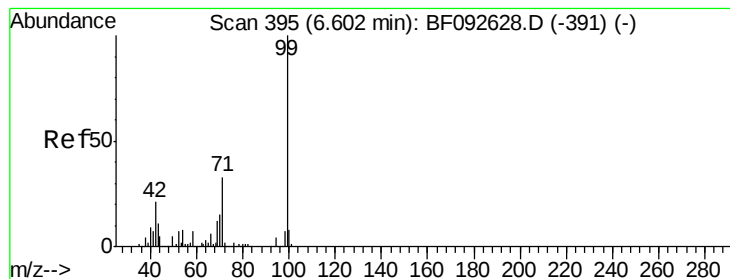


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.15 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

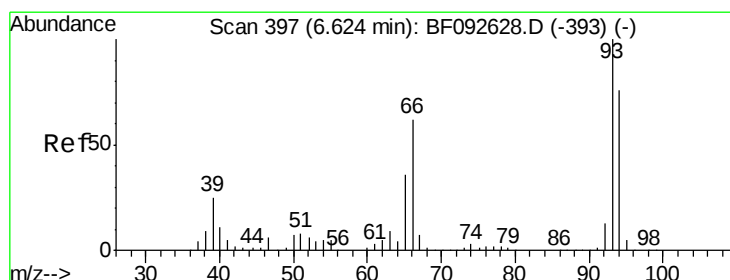
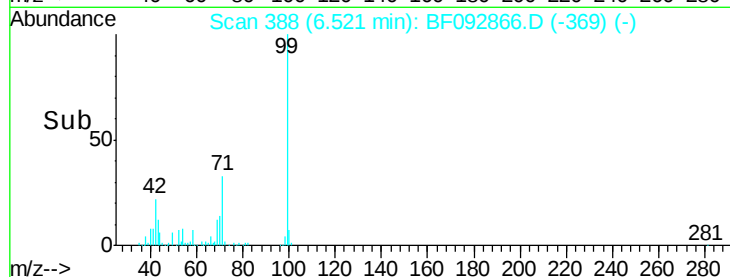
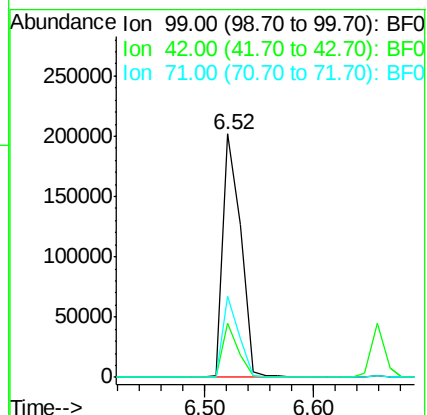
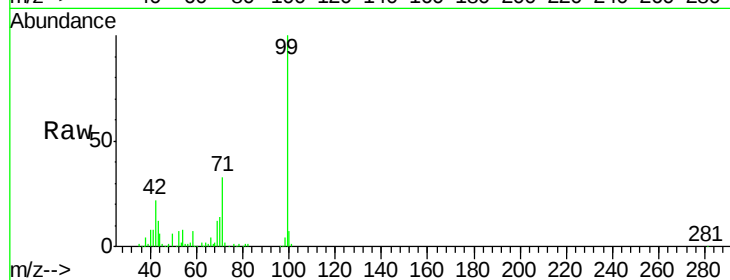
Tgt Ion: 99 Resp: 232017

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

71 33.2 27.5 41.3



#10

Phenol

Concen: 2.81 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

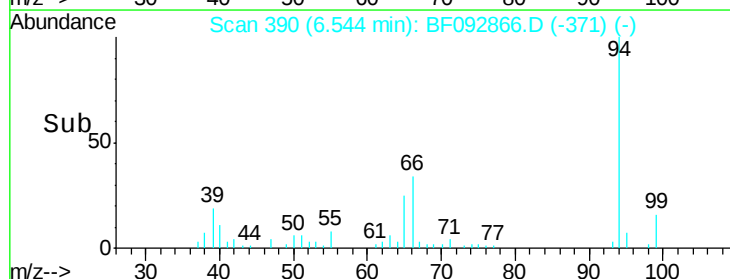
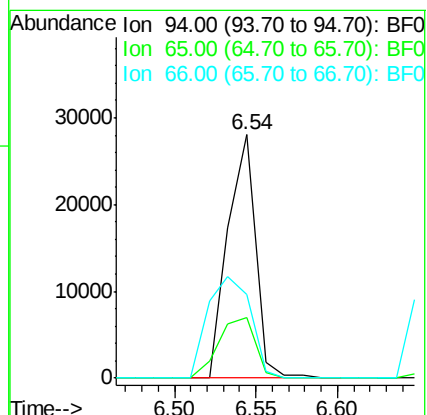
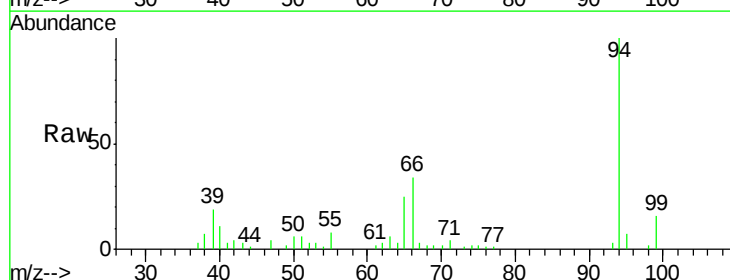
Tgt Ion: 94 Resp: 32896

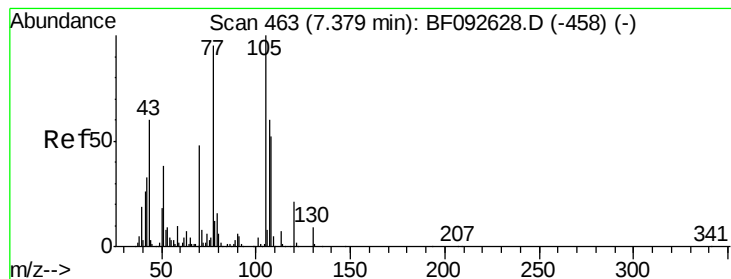
Ion Ratio Lower Upper

94 100

65 24.7 21.4 61.4

66 34.3 44.0 84.0#





#19

n-Nitroso-di-n-propylamine

Concen: 17.55 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

Tgt Ion: 70 Resp: 111975

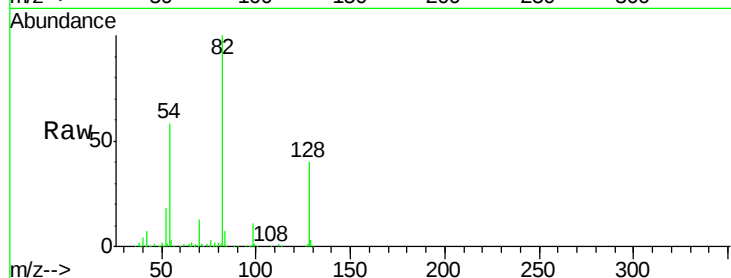
Ion Ratio Lower Upper

70 100

42 55.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

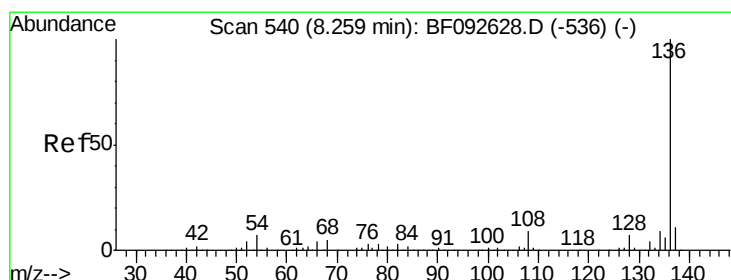
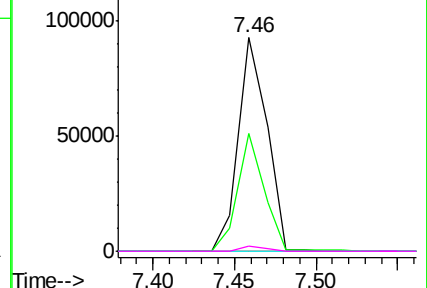
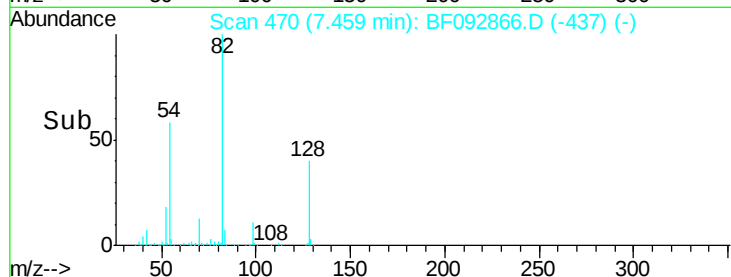


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Tgt Ion: 136 Resp: 525475

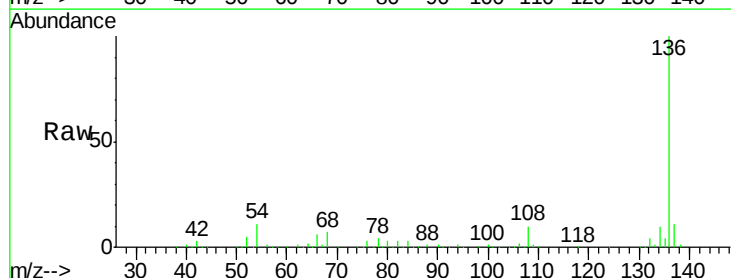
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.5 4.5 6.7#

68 6.9 3.6 5.4#

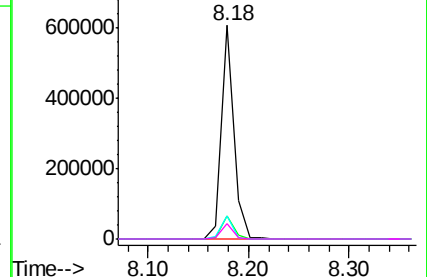
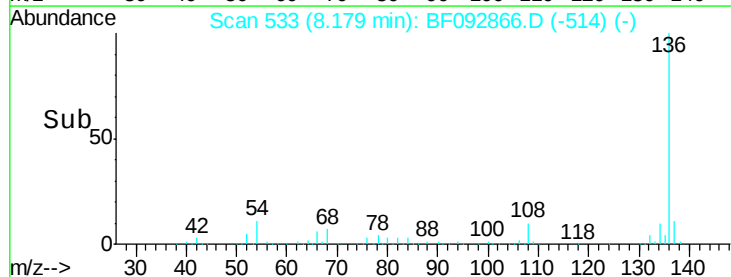


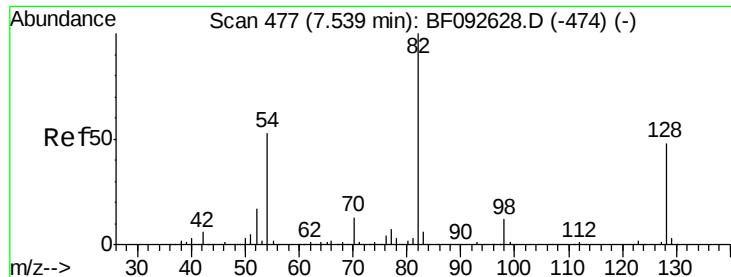
Abundance Ion 136.00 (135.70 to 136.70): E

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

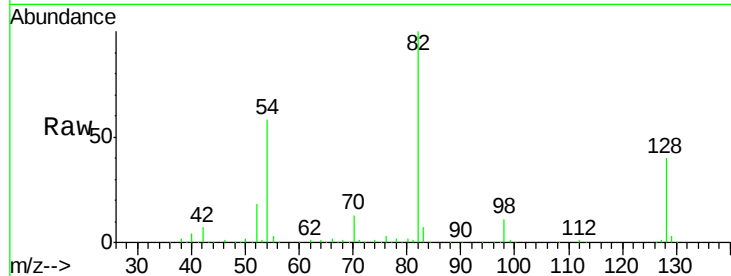




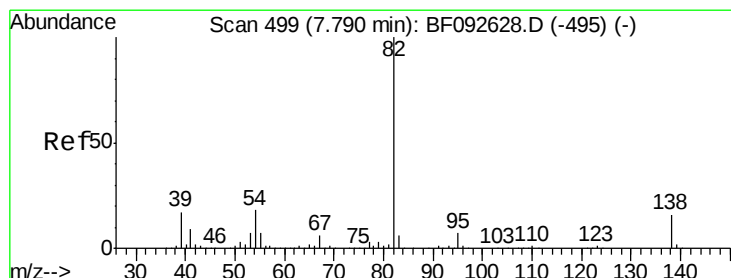
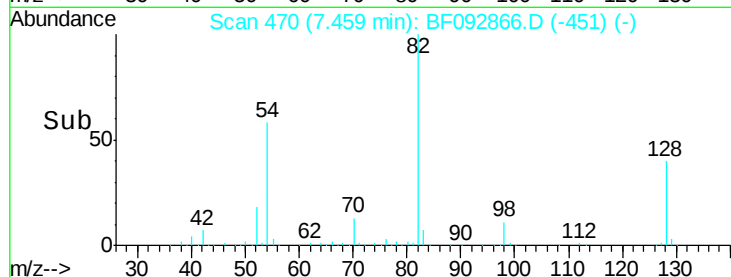
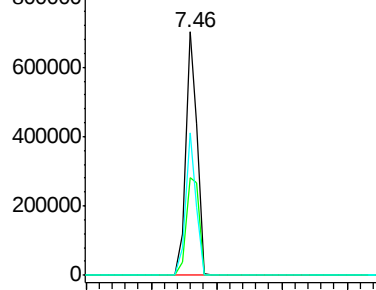
#23
Nitrobenzene-d5
Concen: 92.34 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion: 82 Resp: 871316
Ion Ratio Lower Upper
82 100
128 40.1 34.6 52.0
54 58.3 39.5 59.3

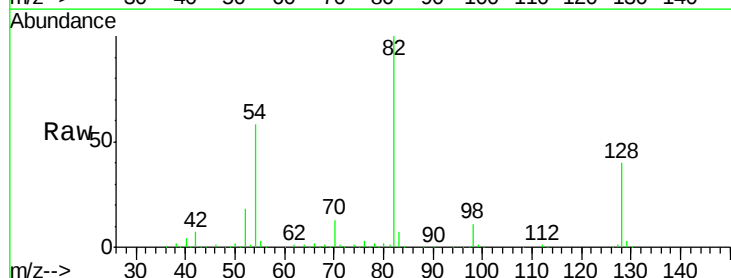


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

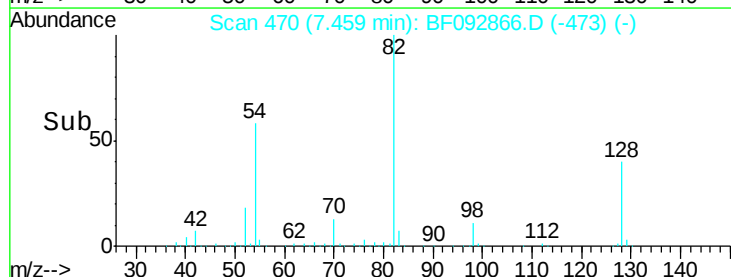
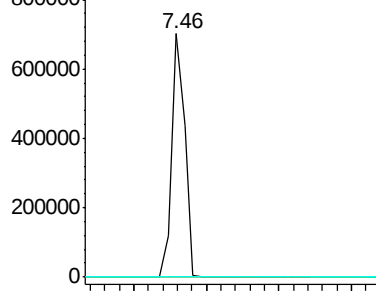


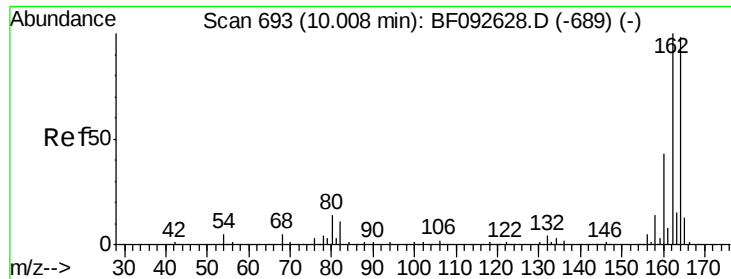
#25
Isophorone
Concen: 49.54 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion: 82 Resp: 871057
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

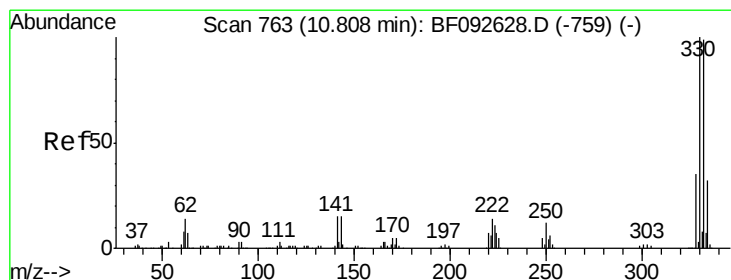
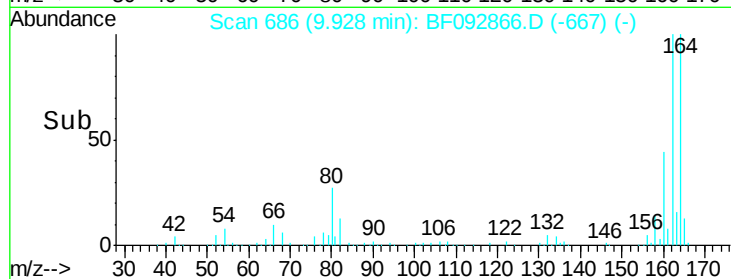
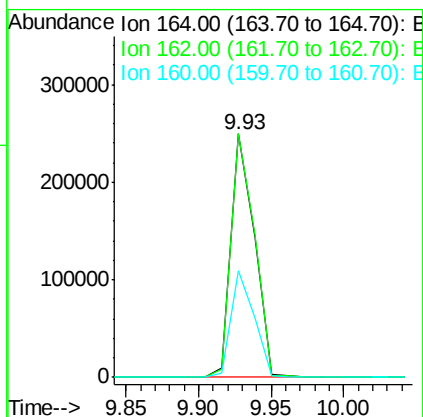
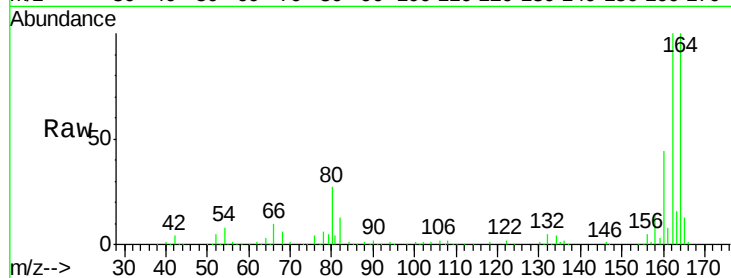




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

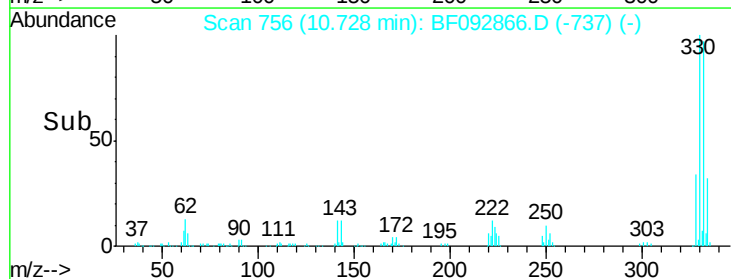
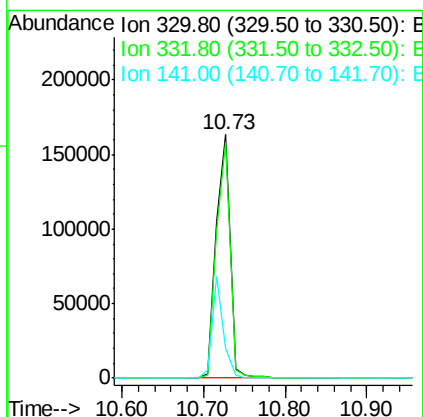
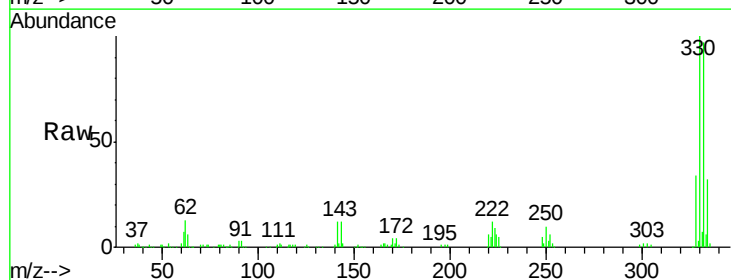
Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

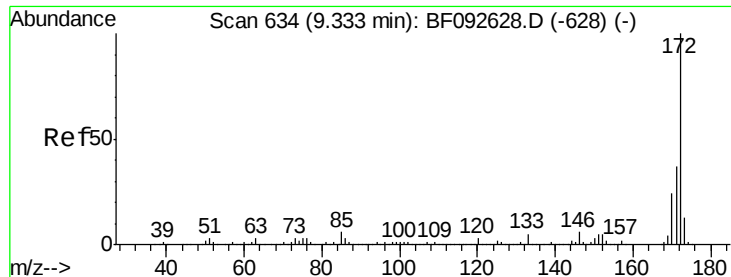
Tgt Ion:164 Resp: 278600
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 96.71 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:330 Resp: 194876
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 34.2 34.1 51.1

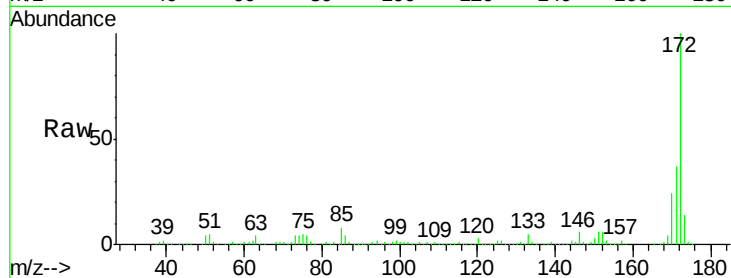




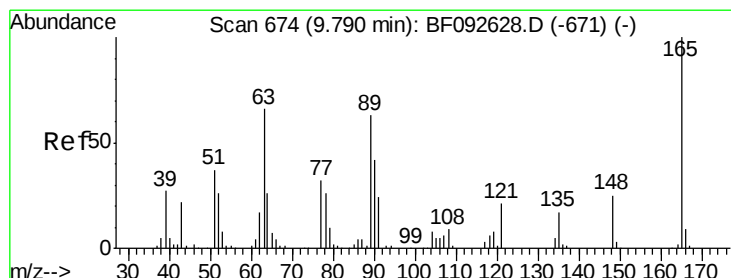
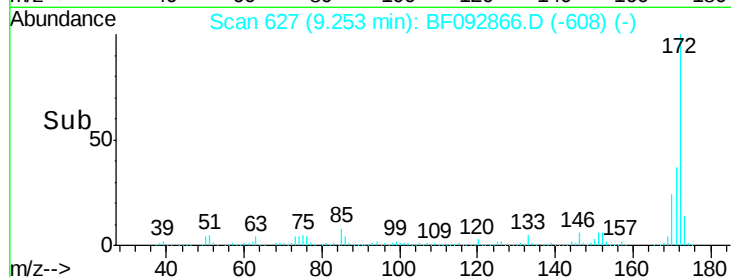
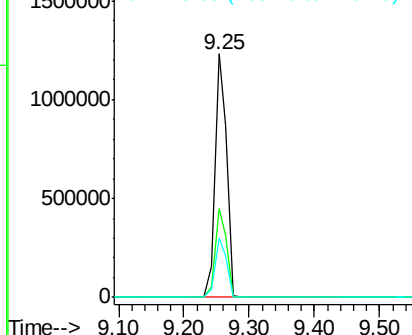
#44
 2-Fluorobiphenyl
 Concen: 101.91 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092866.D
 Acq: 8 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-D-M

Tgt Ion:172 Resp: 1567136
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.1 20.2 30.4

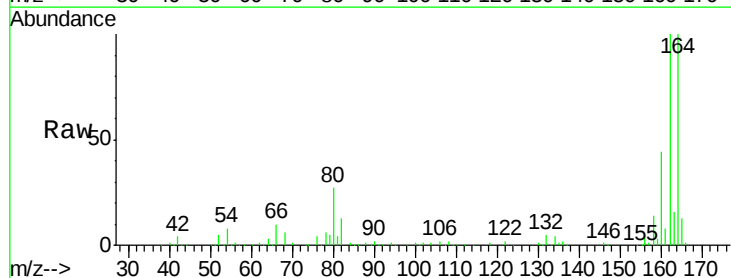


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

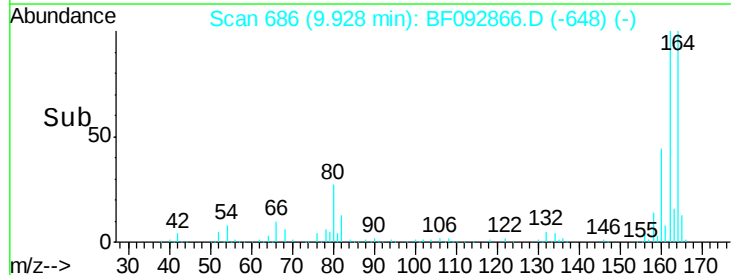
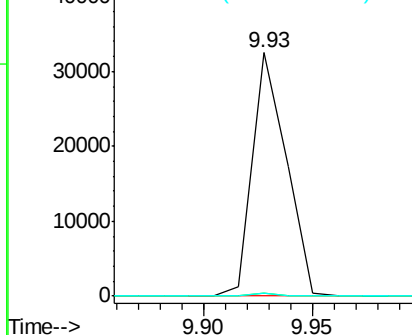


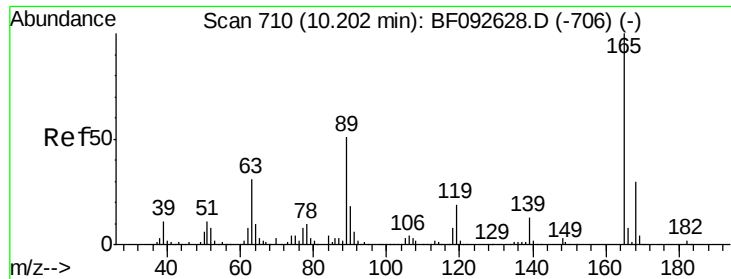
#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.14 min
 Lab File: BF092866.D
 Acq: 8 Feb 2017 21:13

Tgt Ion:165 Resp: 35314
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.0 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: 6.55 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.27 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

Tgt Ion:165 Resp: 35316

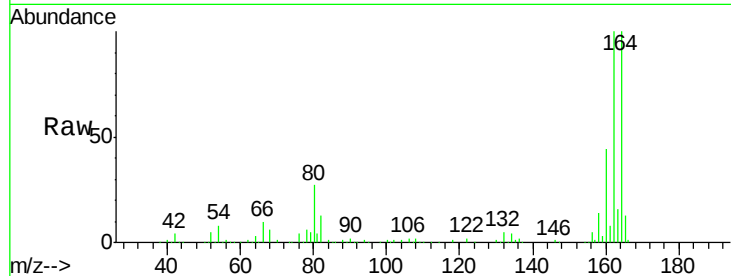
Ion Ratio Lower Upper

165 100

63 1.5 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

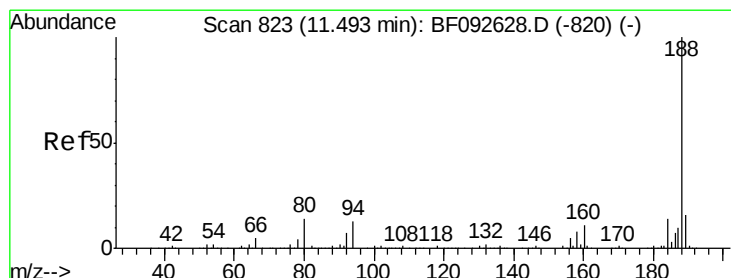
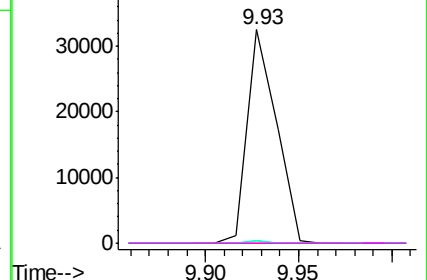
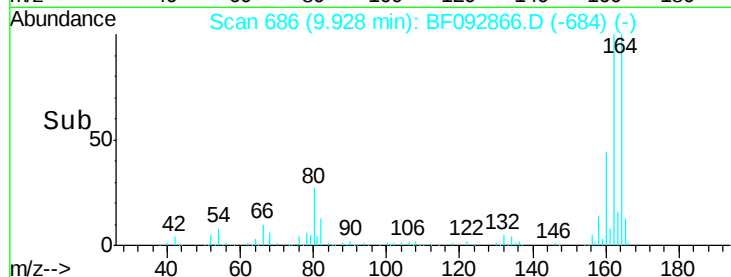


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 816

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

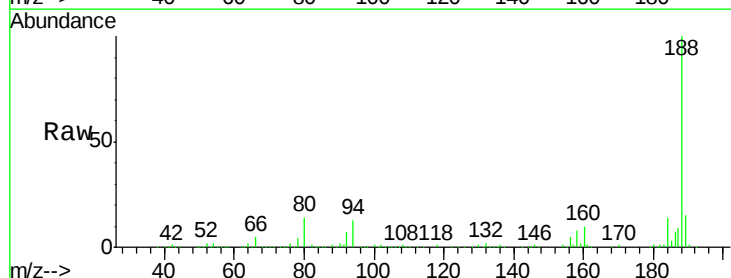
Tgt Ion:188 Resp: 486398

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

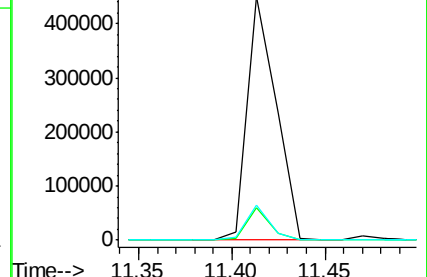
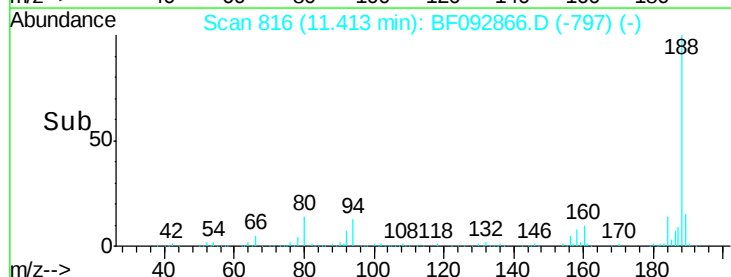
80 14.4 11.2 16.8

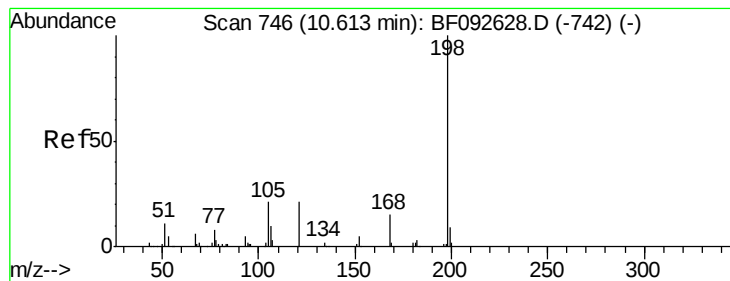


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.79 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.10 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

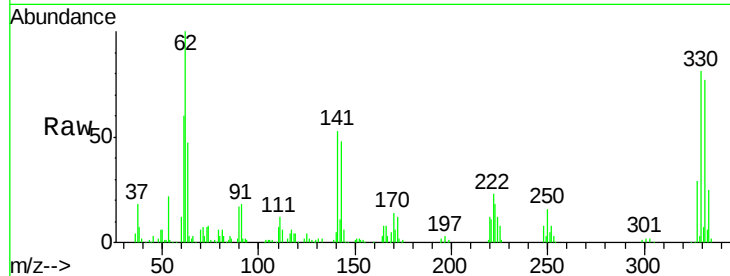
Tgt Ion:198 Resp: 372

Ion Ratio Lower Upper

198 100

51 215.1 6.7 46.7#

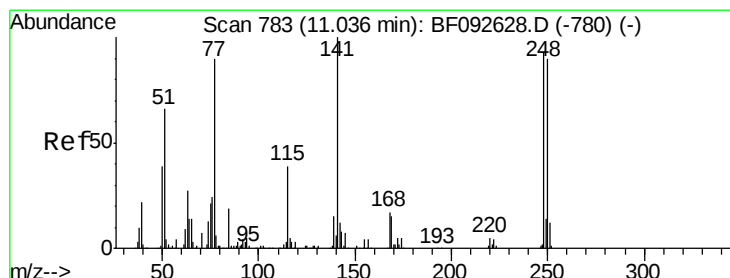
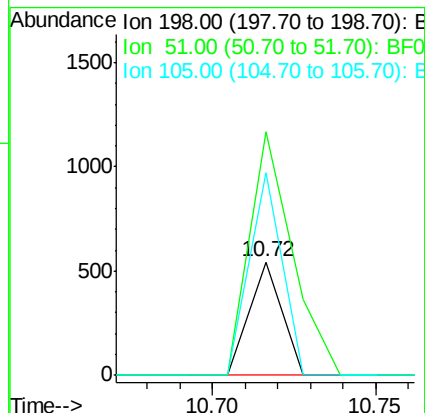
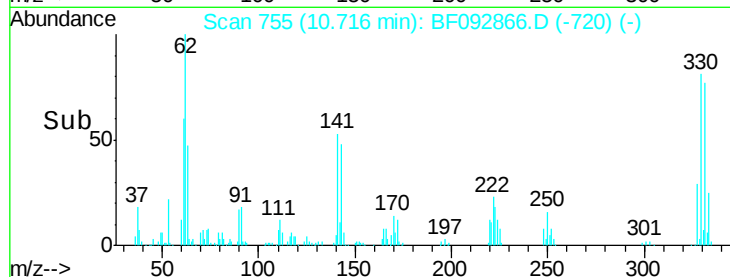
105 179.2 16.6 56.6#



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: 2.69 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.32 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

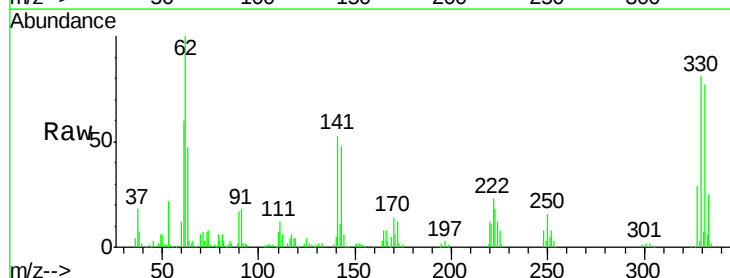
Tgt Ion:248 Resp: 13674

Ion Ratio Lower Upper

248 100

250 191.7 76.9 115.3#

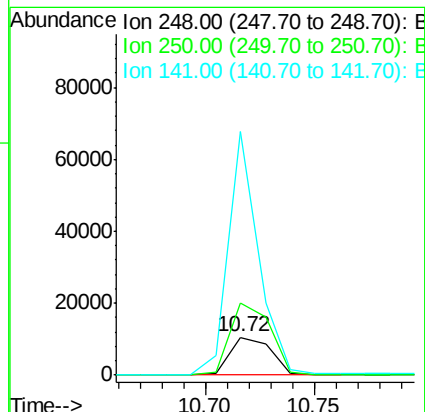
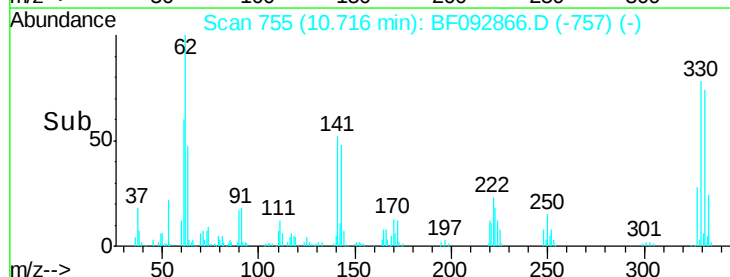
141 646.6 68.2 102.4#

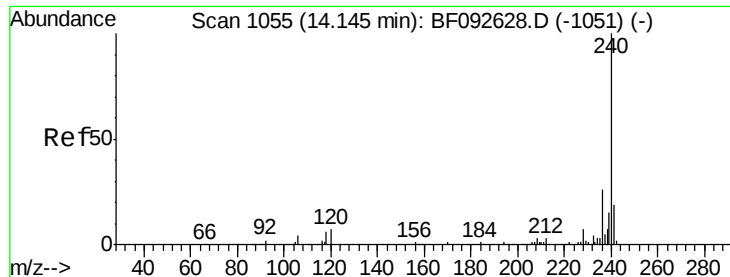


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

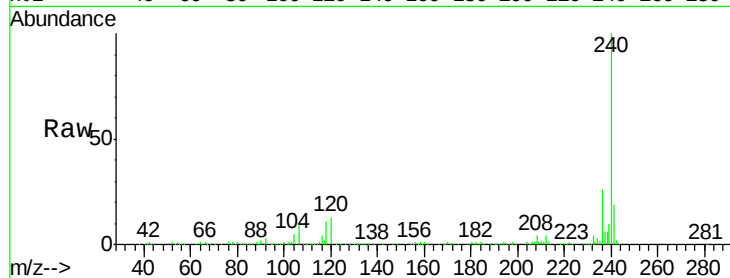
Tgt Ion:240 Resp: 468259

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

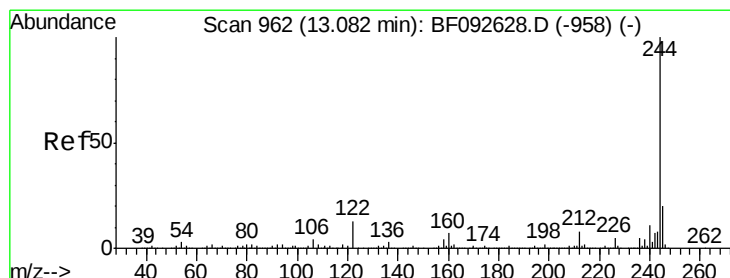
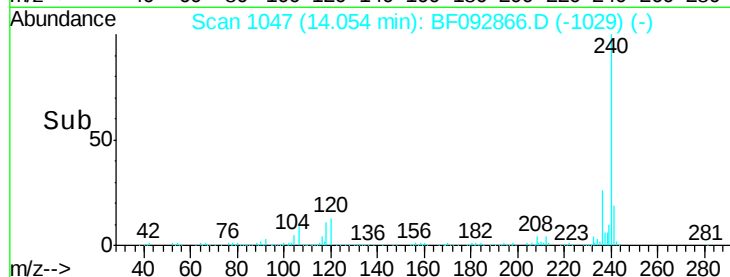
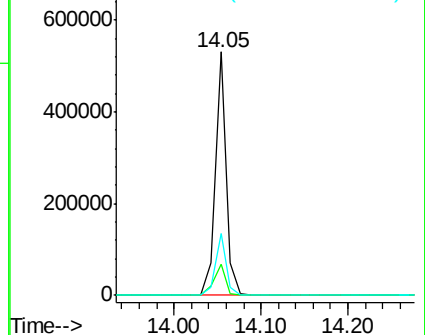
236 25.6 20.9 31.3



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: 80.65 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.08 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

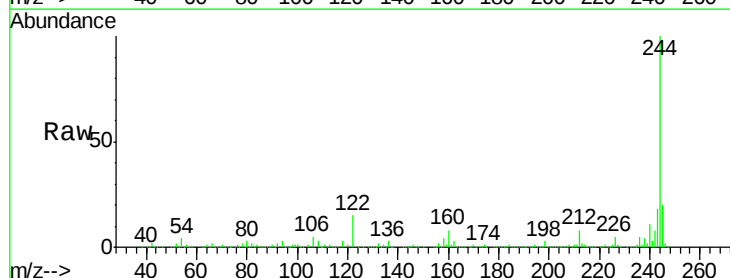
Tgt Ion:244 Resp: 1607271

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

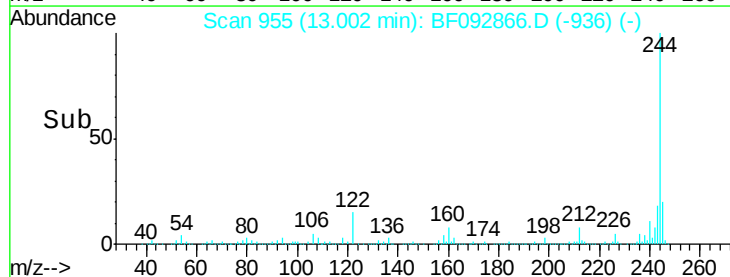
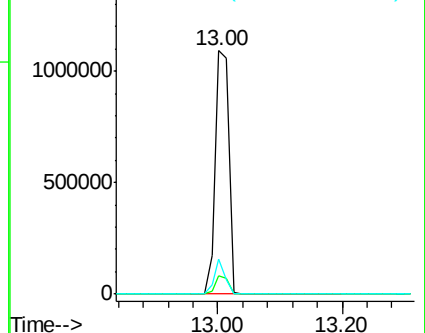
122 14.6 11.4 17.2

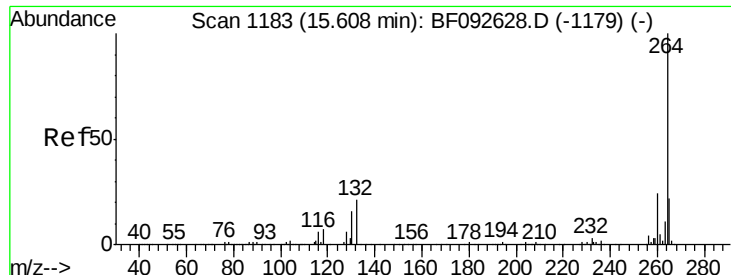


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.4	26.0

