

Data File : BF092991.D
Acq On : 16 Feb 2017 19:58
Operator : SJ/MA
Sample : I1859-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Quant Time: Feb 16 23:53:33 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	133590	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	556350	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	303950	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	541967	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	497077	20.00	ng	-0.05
86) Perylene-d12	15.44	264	171597	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1137742	146.11	ng	-0.01
7) Phenol-d6	6.50	99	1216943	121.46	ng	-0.03
23) Nitrobenzene-d5	7.42	82	942143	94.30	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	296591	134.92	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1616904	96.37	ng	-0.02
78) Terphenyl-d14	12.97	244	1684941	79.65	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	127154	19.94	ng	# 79
50) 2,6-Dinitrotoluene	9.89	165	37935	8.58	ng	# 30
56) 2,4-Dinitrotoluene	9.89	165	37937	6.44	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	518	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	23822	4.21	ng	# 1

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

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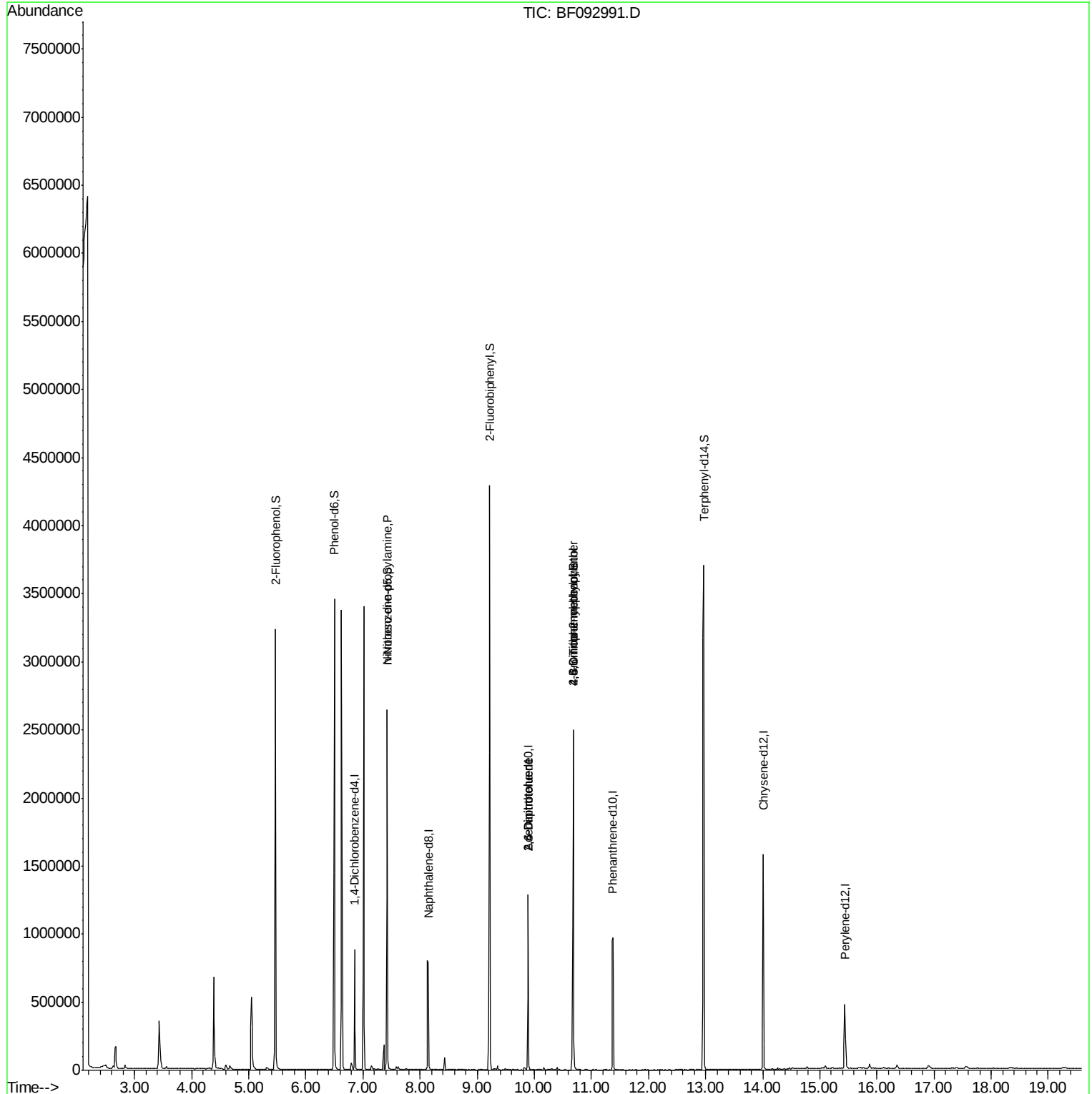
Quant Time: Feb 16 23:53:33 2017

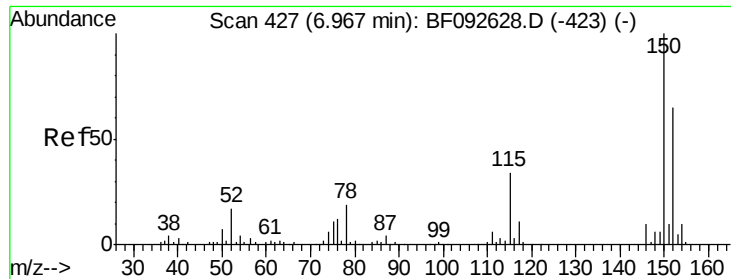
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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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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ClientSampleId :

280514-COMP-0-2FT

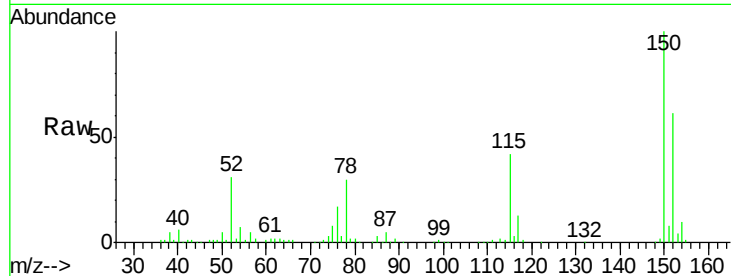
Tgt Ion:152 Resp: 133590

Ion Ratio Lower Upper

152 100

150 162.9 124.9 187.3

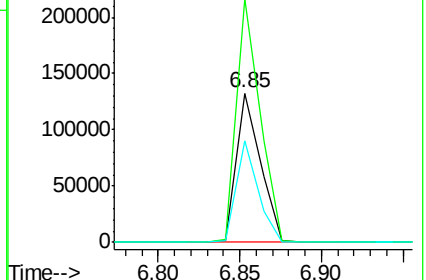
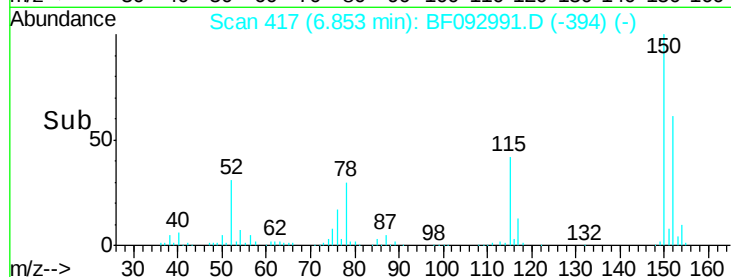
115 68.0 46.0 69.0



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: 146.11 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

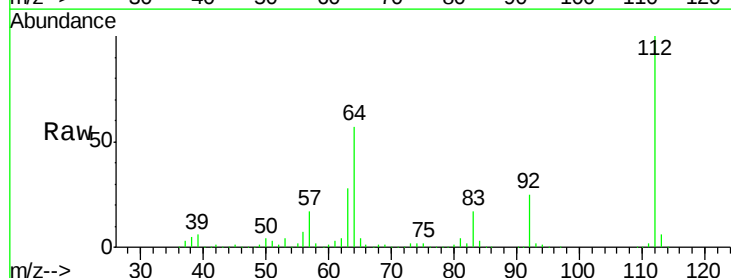
Tgt Ion:112 Resp: 1137742

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

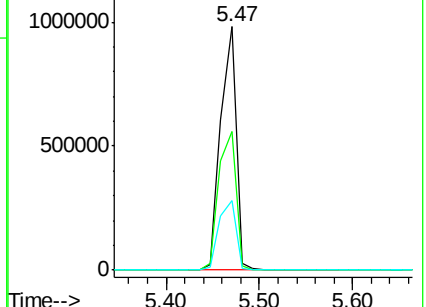
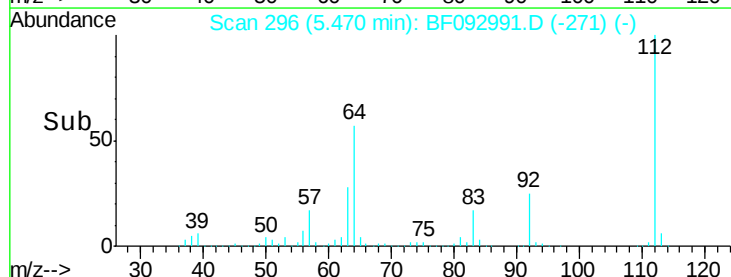
63 28.5 23.8 35.6

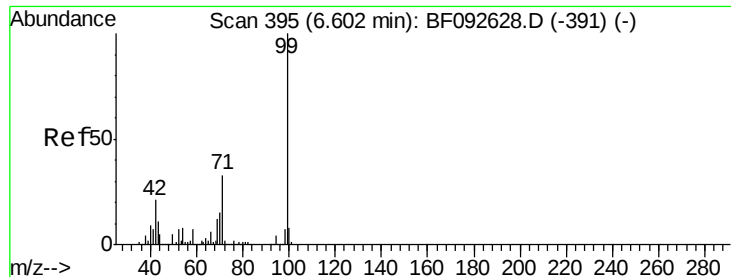


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.46 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

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BNA_F

ClientSampleId :

280514-COMP-0-2FT

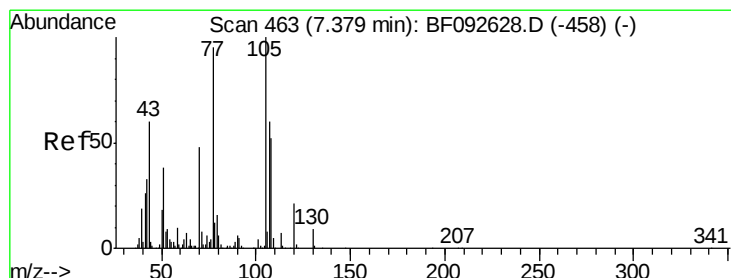
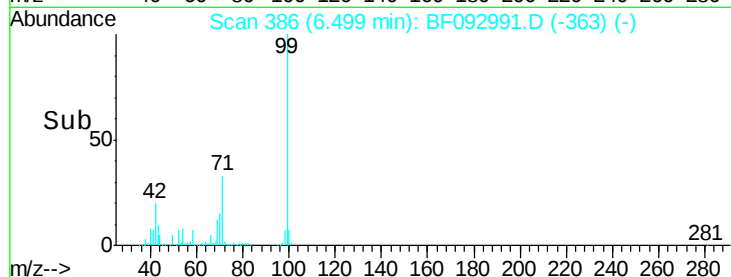
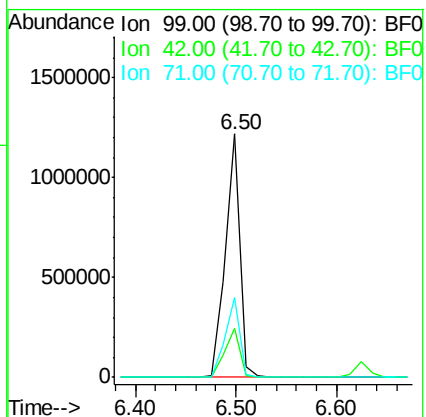
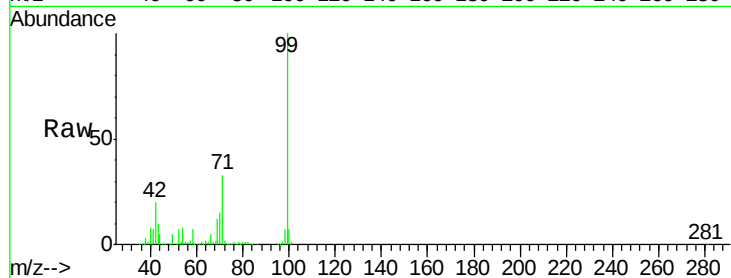
Tgt Ion: 99 Resp: 1216943

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.94 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

Tgt Ion: 70 Resp: 127154

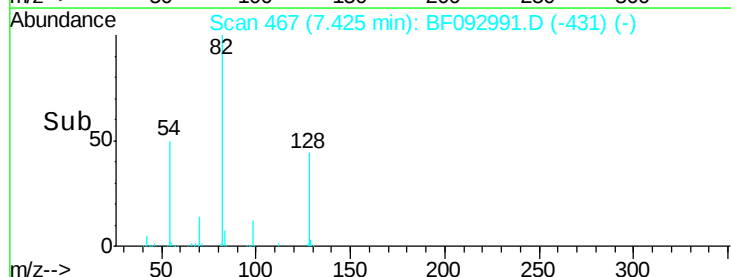
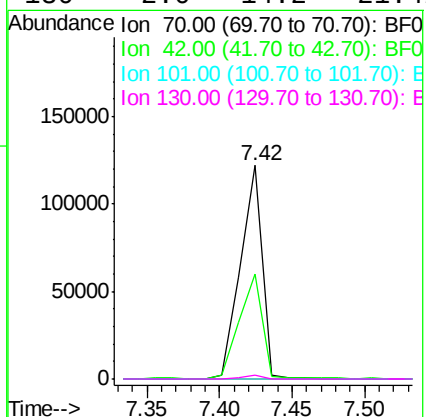
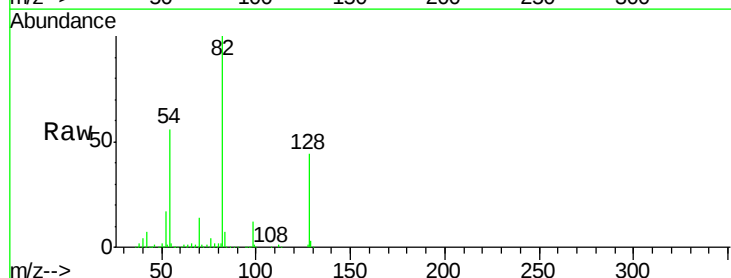
Ion Ratio Lower Upper

70 100

42 49.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

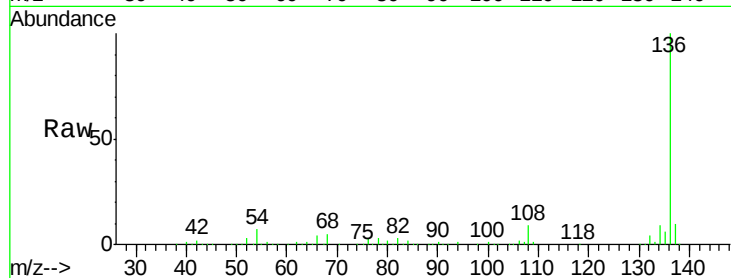




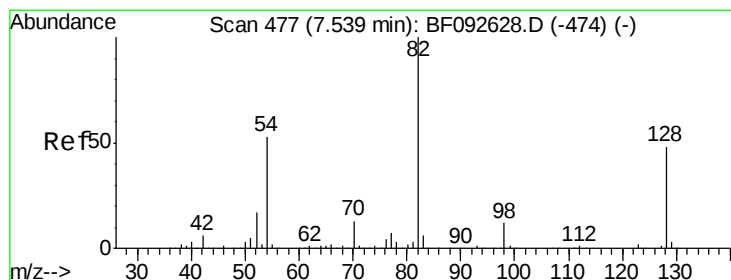
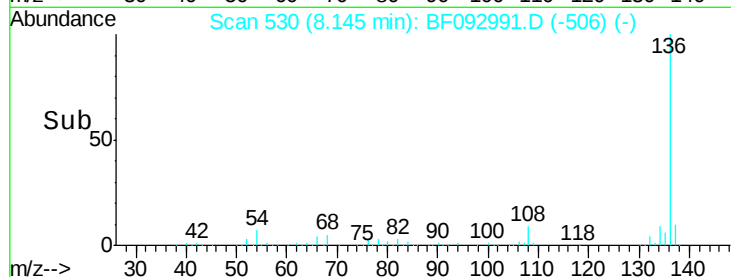
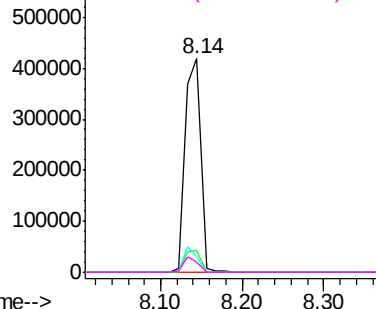
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092991.D
Acq: 16 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion:	136	Resp:	556350
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.9	4.5	6.7#
68	5.1	3.6	5.4

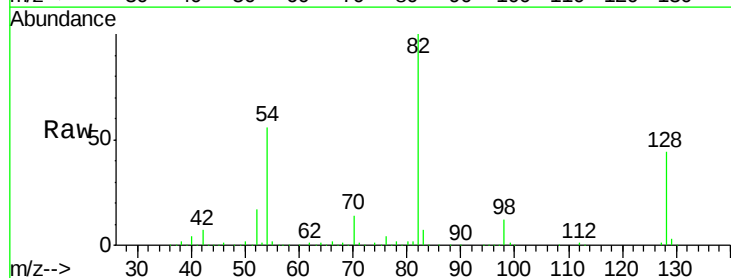


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

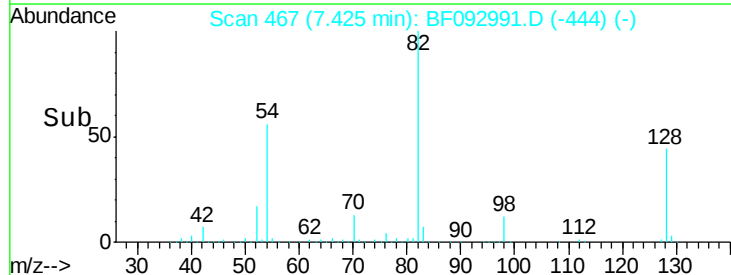
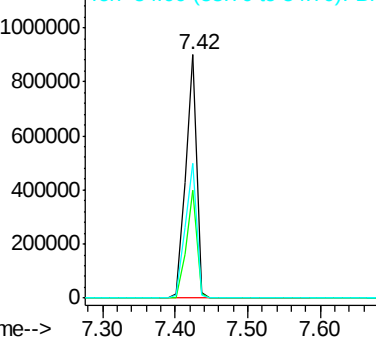


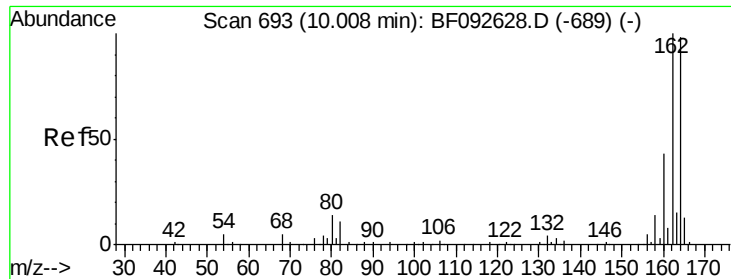
#23
Nitrobenzene-d5
Concen: 94.30 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF092991.D
Acq: 16 Feb 2017 19:58

Tgt Ion:	82	Resp:	942143
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	55.6	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FT

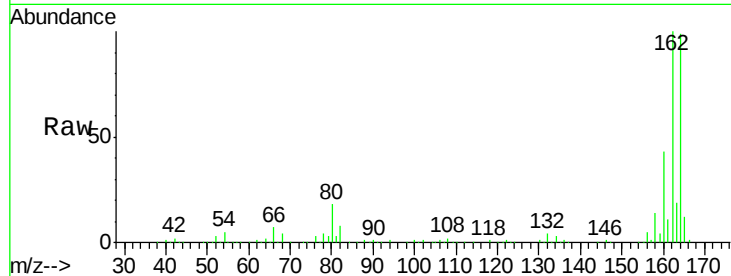
Tgt Ion:164 Resp: 303950

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

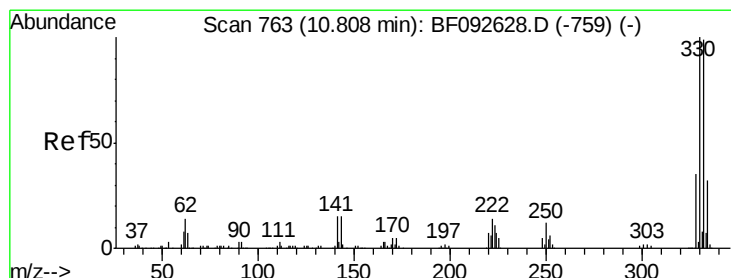
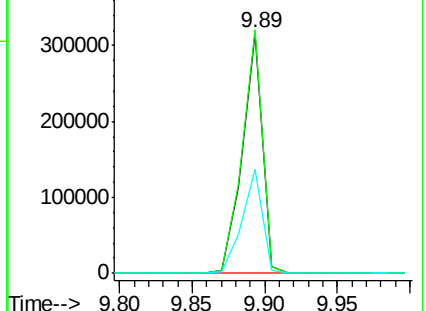
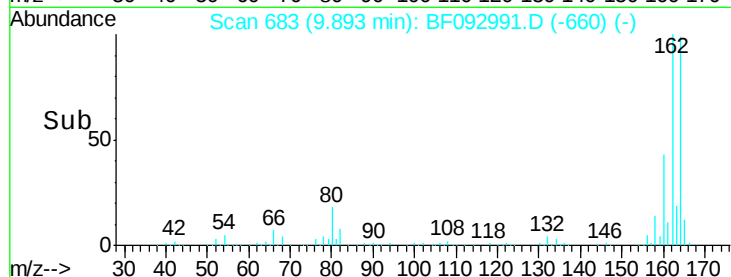
160 43.6 36.9 55.3



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: 134.92 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

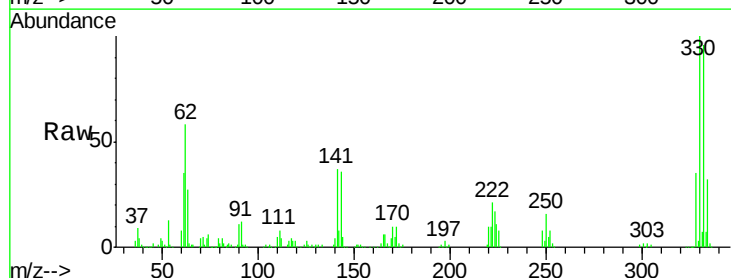
Tgt Ion:330 Resp: 296591

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

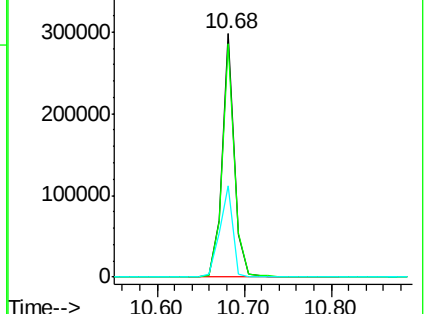
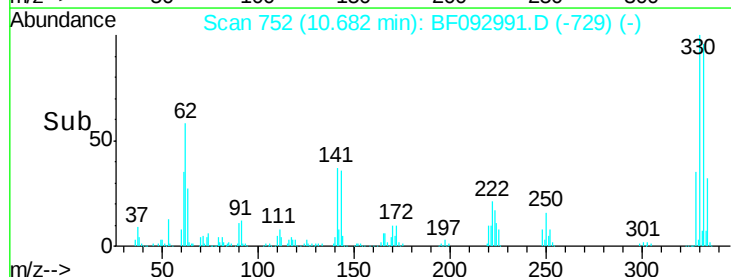
141 40.7 34.1 51.1

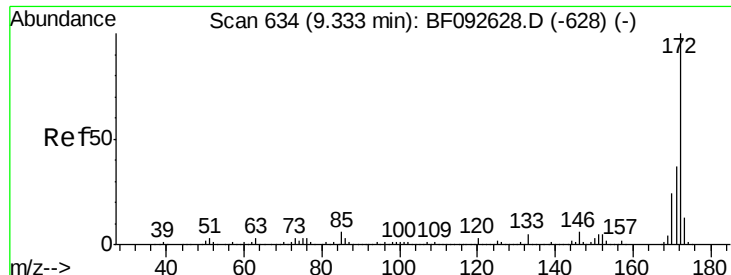


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

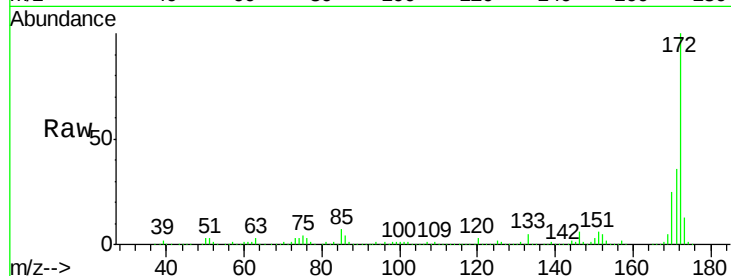




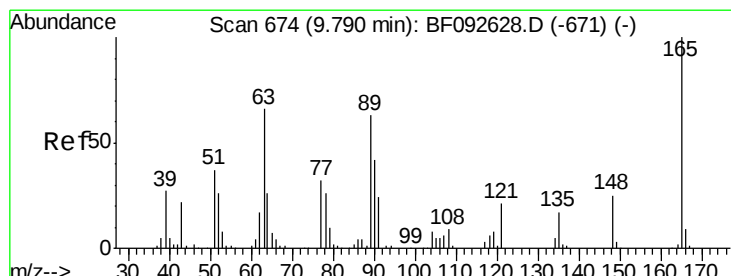
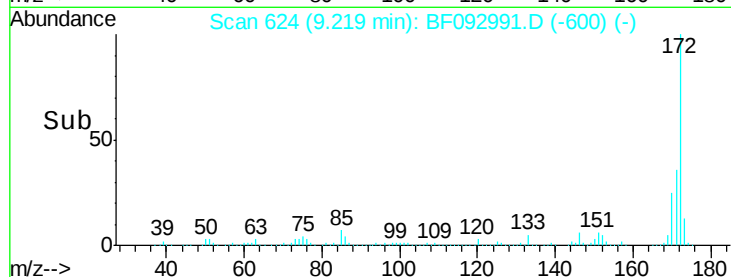
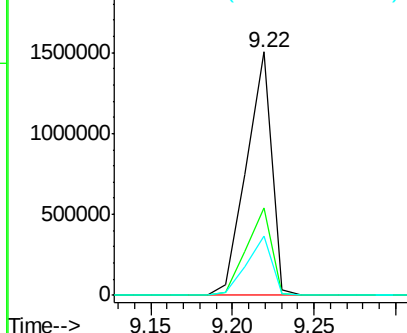
#44
 2-Fluorobiphenyl
 Concen: 96.37 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092991.D
 Acq: 16 Feb 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FT

Tgt Ion:172 Resp: 1616904
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.6 20.2 30.4

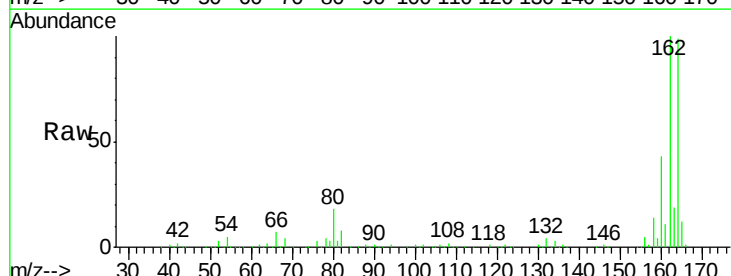


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

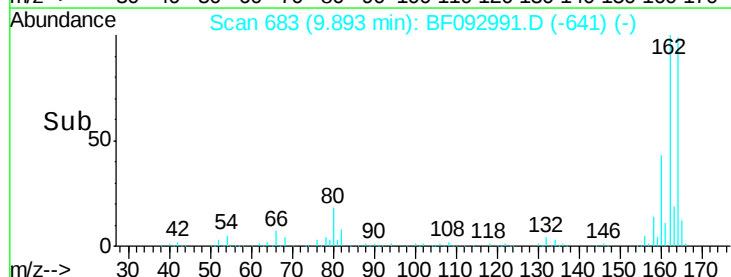
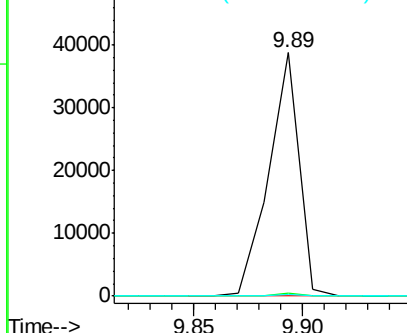


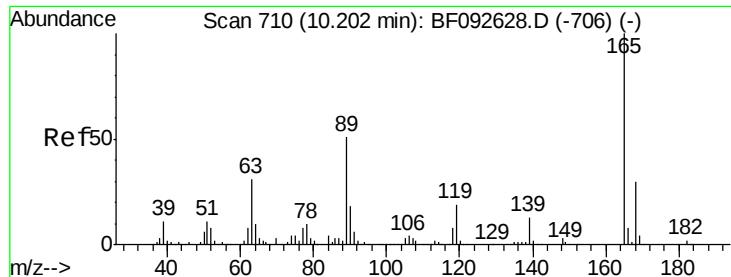
#50
 2,6-Dinitrotoluene
 Concen: 8.58 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092991.D
 Acq: 16 Feb 2017 19:58

Tgt Ion:165 Resp: 37935
 Ion Ratio Lower Upper
 165 100
 63 1.0 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

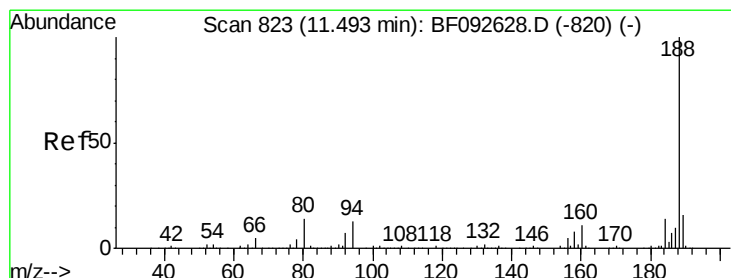
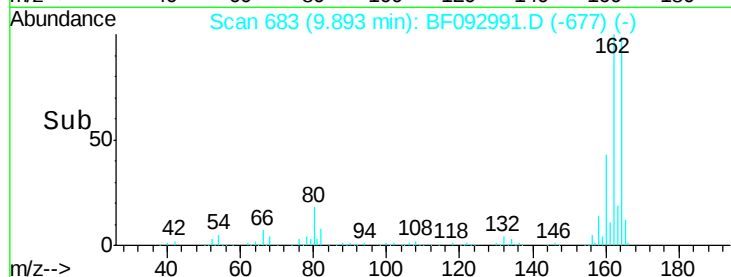
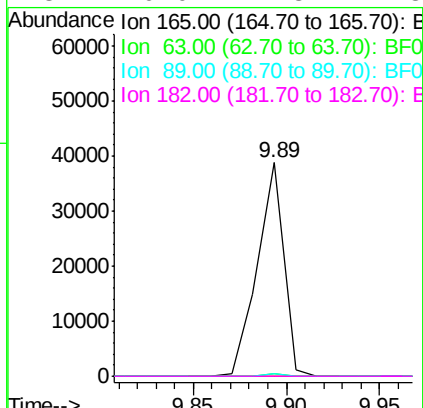
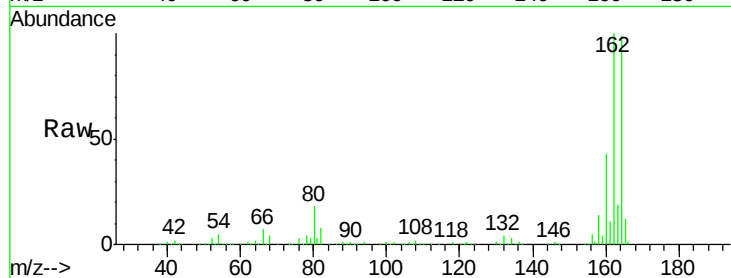




#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF092991.D
 Acq: 16 Feb 2017 19:58

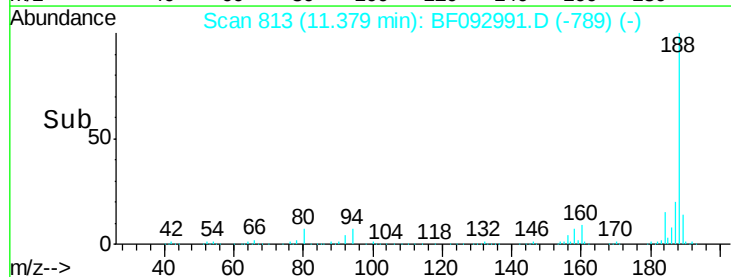
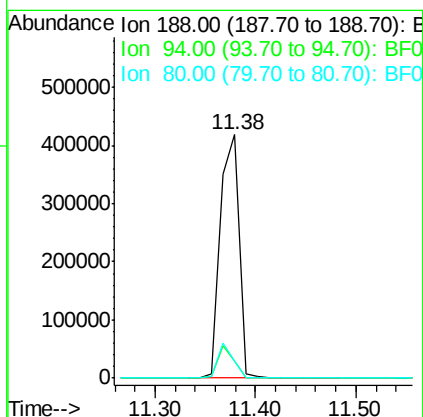
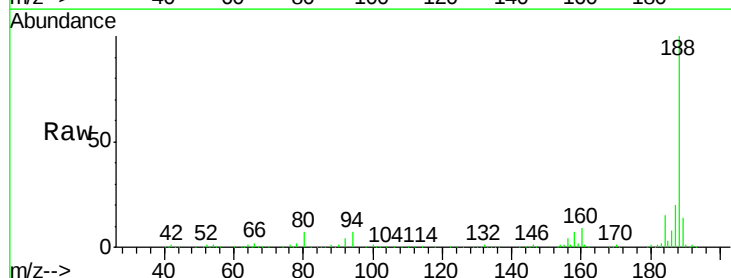
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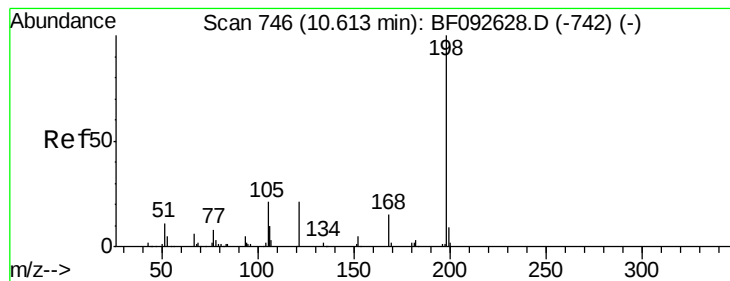
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF092991.D
 Acq: 16 Feb 2017 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	10.0	15.0#
80	7.0	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.82 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FT

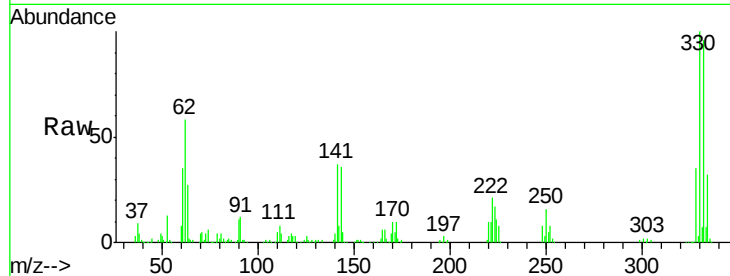
Tgt Ion:198 Resp: 518

Ion Ratio Lower Upper

198 100

51 204.9 6.7 46.7#

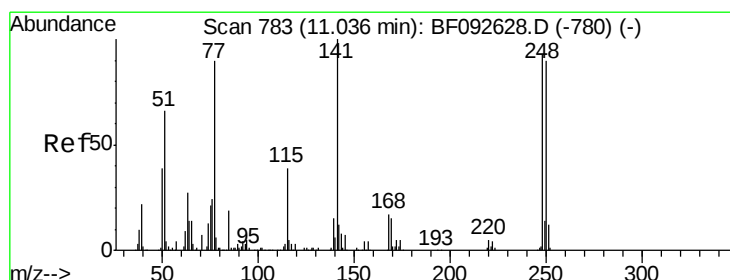
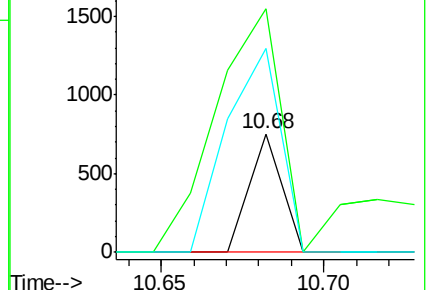
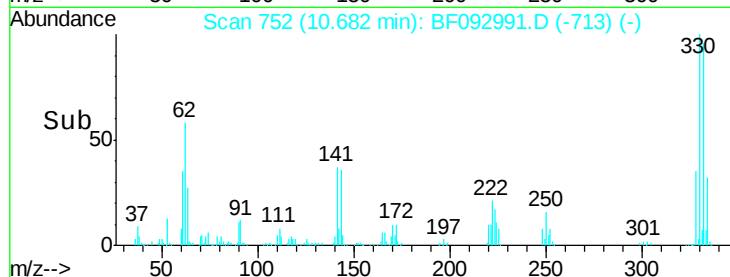
105 171.7 16.6 56.6#



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: 4.21 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

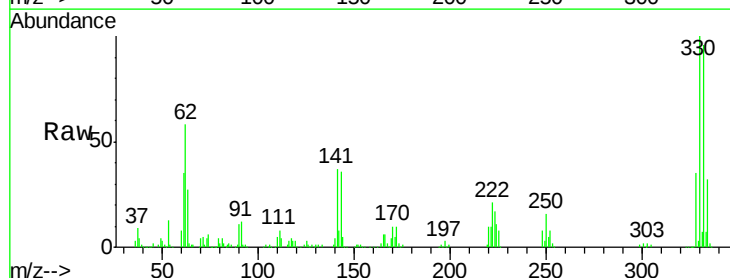
Tgt Ion:248 Resp: 23822

Ion Ratio Lower Upper

248 100

250 186.2 76.9 115.3#

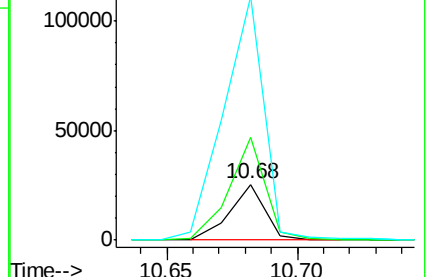
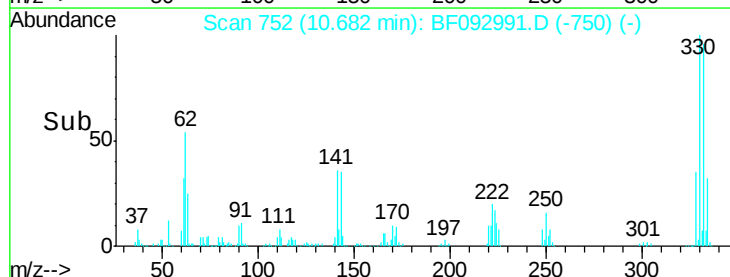
141 439.2 68.2 102.4#

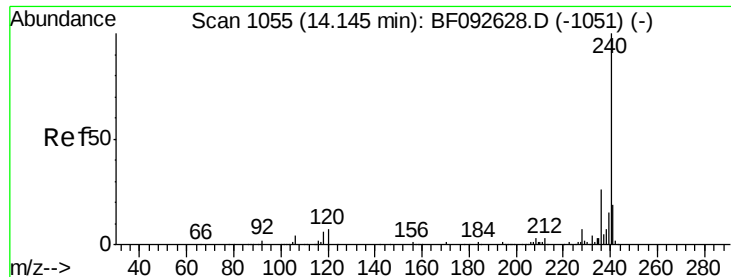


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092991.D

Acq: 16 Feb 2017 19:58

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FT

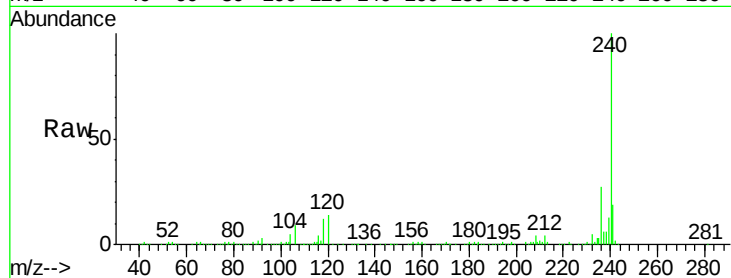
Tgt Ion:240 Resp: 497077

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

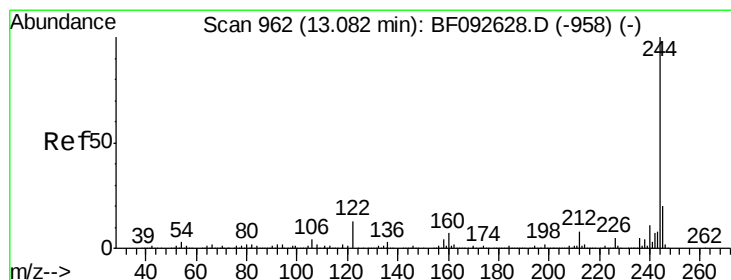
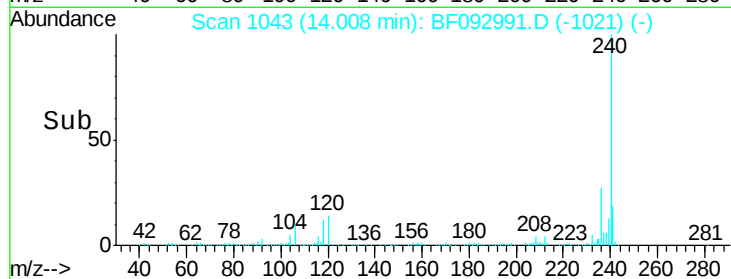
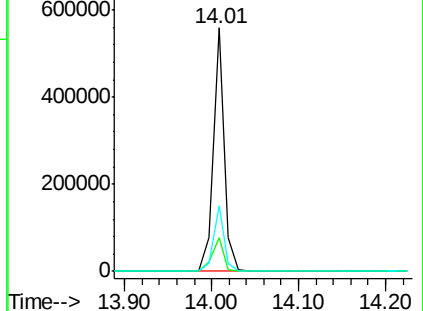
236 27.0 20.9 31.3



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: 79.65 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092991.D

Acq: 16 Feb 2017 19:58

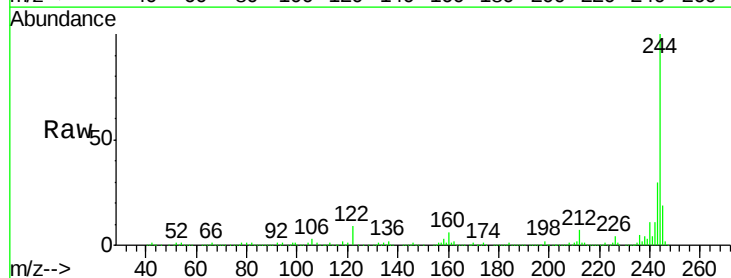
Tgt Ion:244 Resp: 1684941

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

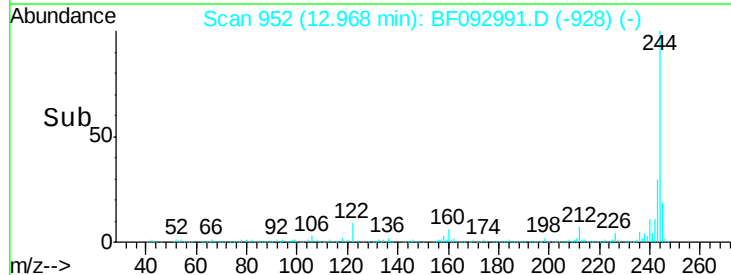
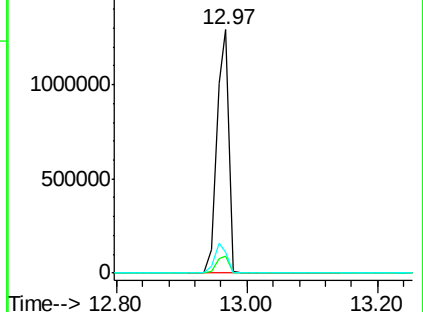
122 8.7 11.4 17.2#

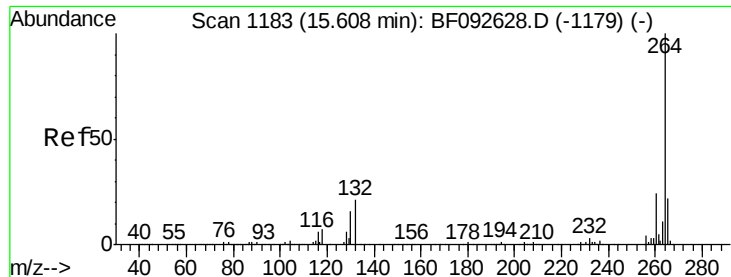


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092991.D
Acq: 16 Feb 2017 19:58

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.2	28.8
265	20.1	17.4	26.0

