

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092755.D
 Acq On : 3 Feb 2017 00:27
 Operator : SJ/MA
 Sample : I1650-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Quant Time: Feb 03 00:59:13 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

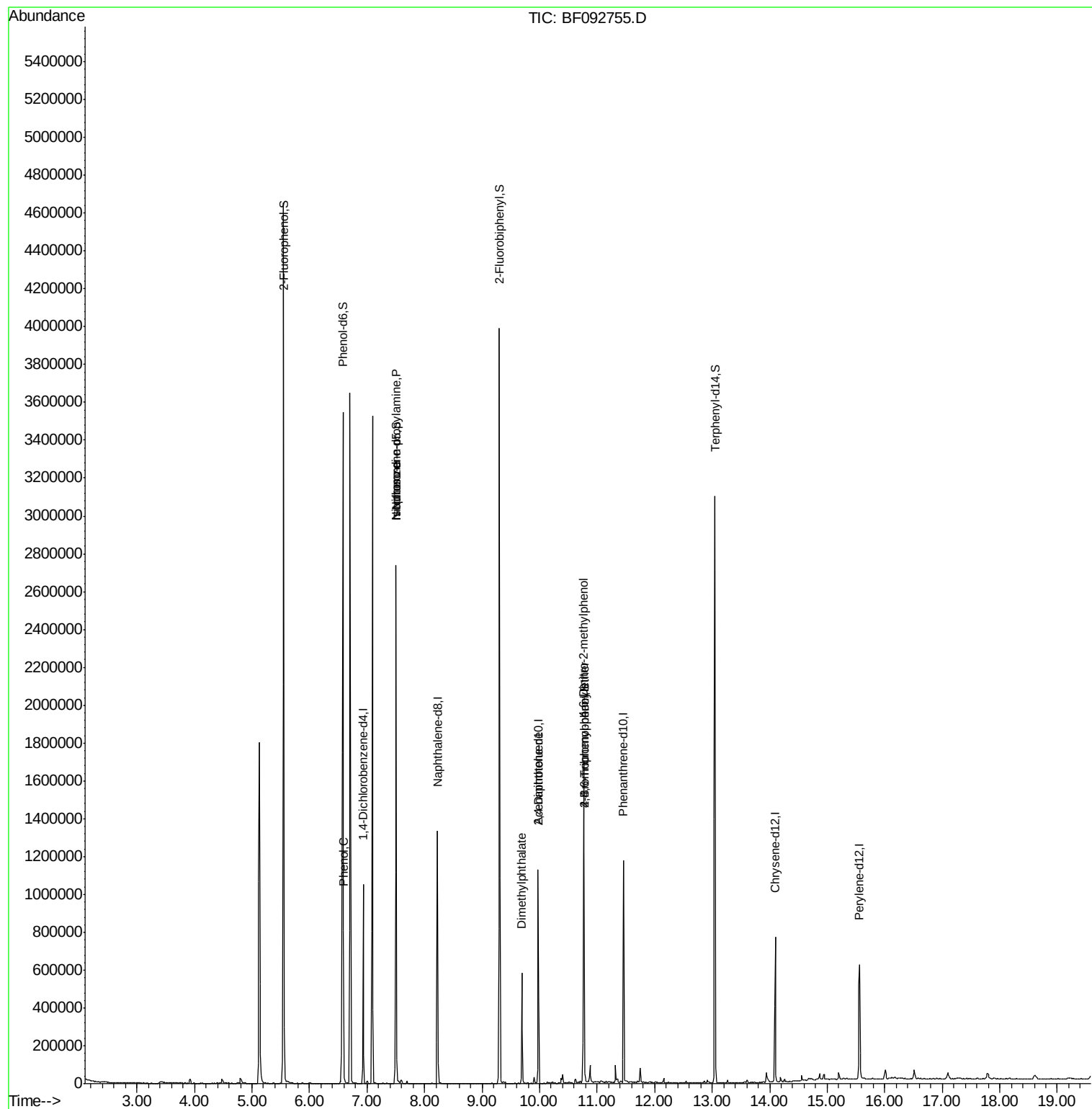
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	146130	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	576791	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	272481	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	410476	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	311057	20.00	ng	-0.05
86) Perylene-d12	15.56	264	316001	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1336872	156.95	ng	-0.02
7) Phenol-d6	6.58	99	1418240	129.41	ng	-0.02
23) Nitrobenzene-d5	7.50	82	950912	91.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	286096	145.17	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1420843	94.47	ng	-0.03
78) Terphenyl-d14	13.05	244	1039920	78.55	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	105196	8.20	ng	# 74
19) n-Nitroso-di-n-propylamine	7.50	70	126663	18.16	ng	# 81
25) Isophorone	7.50	82	933849	48.38	ng	# 65
49) Dimethylphthalate	9.69	163	295556	16.10	ng	97
56) 2,4-Dinitrotoluene	9.97	165	35371	6.70	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	574	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	20570	4.80	ng	# 1

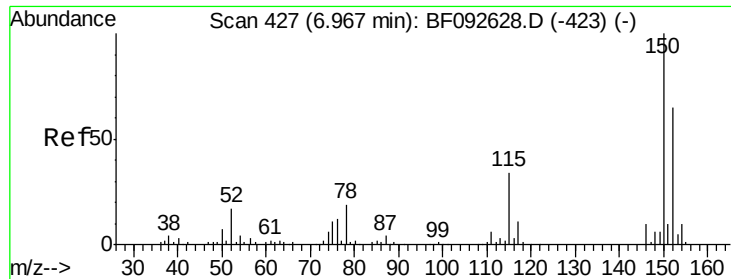
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
Data File : BF092755.D
Acq On : 3 Feb 2017 00:27
Operator : SJ/MA
Sample : I1650-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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SB-37-COMP

Quant Time: Feb 03 00:59:13 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: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

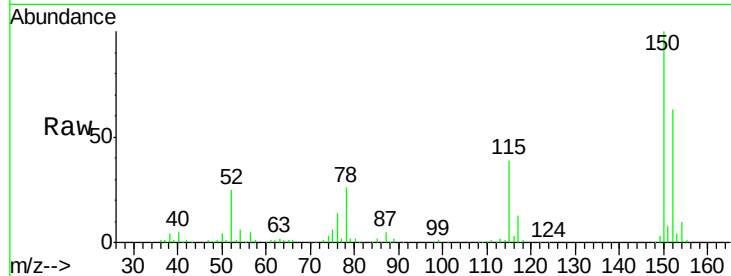
Tgt Ion:152 Resp: 146130

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

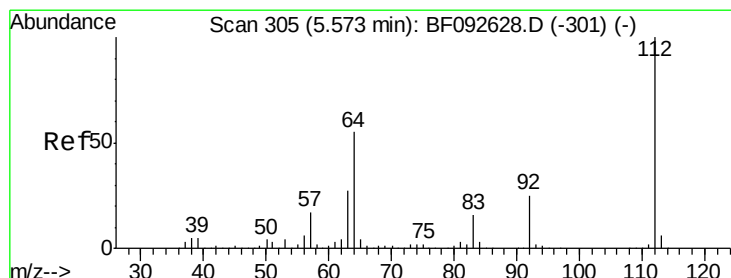
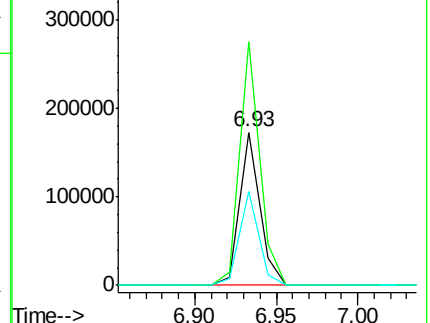
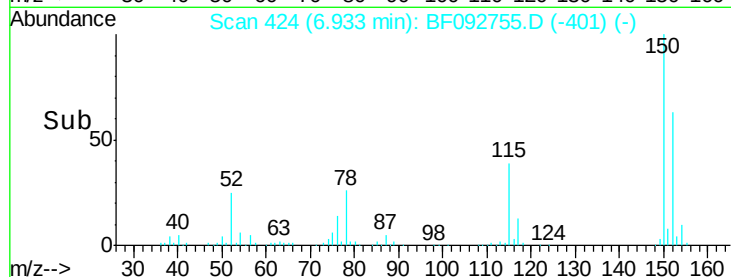
115 61.5 46.0 69.0



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: 156.95 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

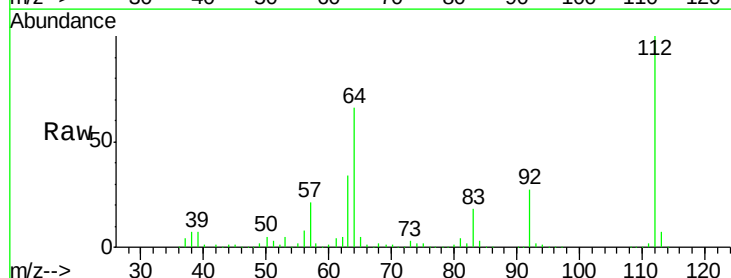
Tgt Ion:112 Resp: 1336872

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

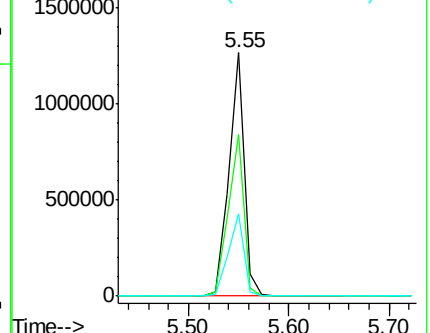
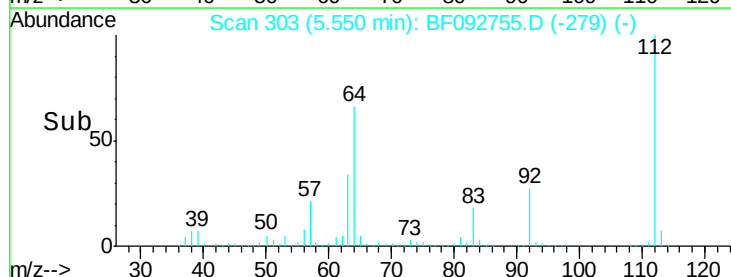
63 33.9 23.8 35.6

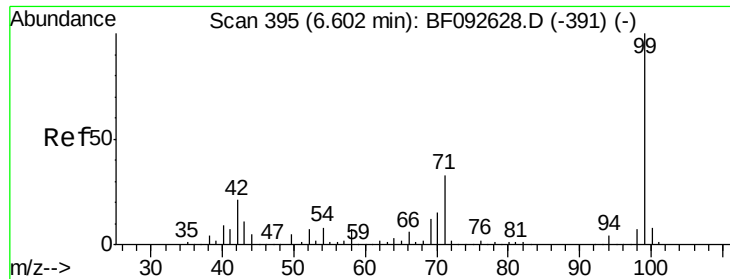


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

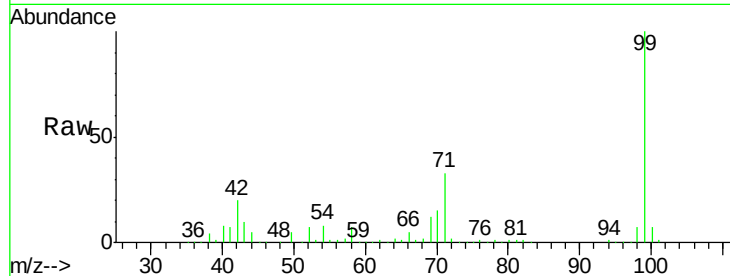
Tgt Ion: 99 Resp: 1418240

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

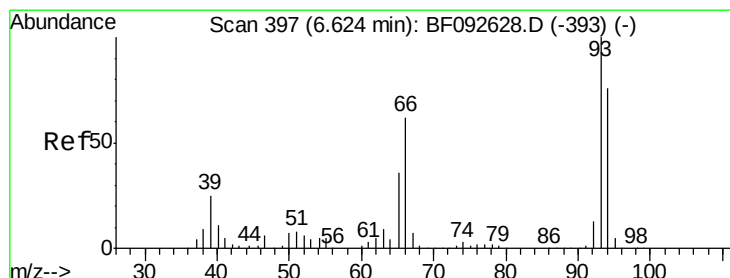
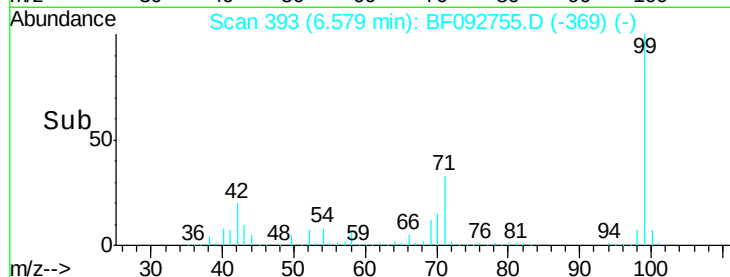
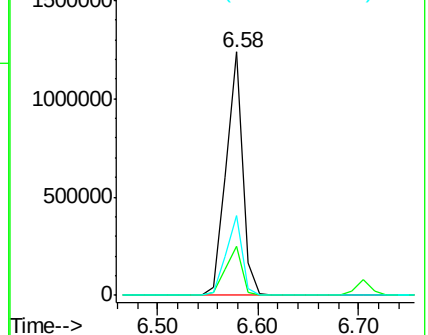
71 32.9 27.5 41.3



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



#10

Phenol

Concen: 8.20 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

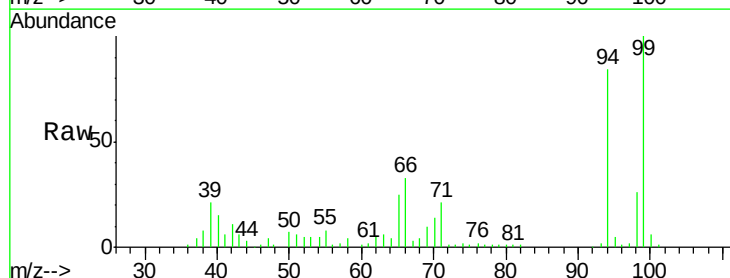
Tgt Ion: 94 Resp: 105196

Ion Ratio Lower Upper

94 100

65 29.8 21.4 61.4

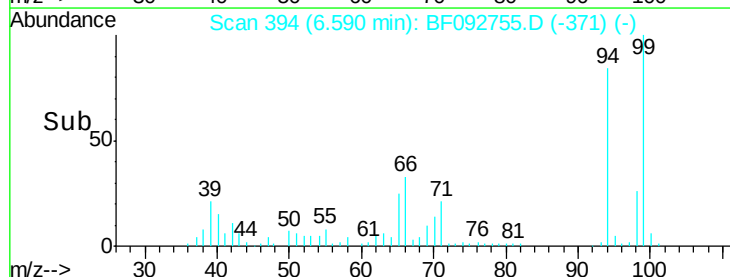
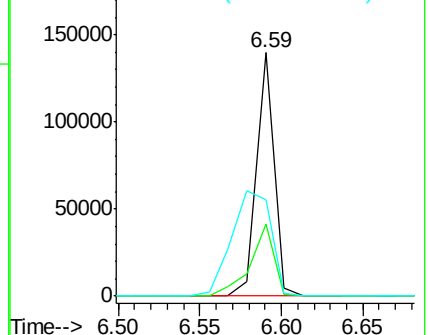
66 39.4 44.0 84.0#

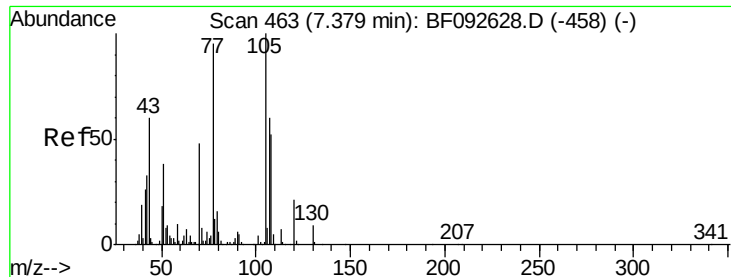


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

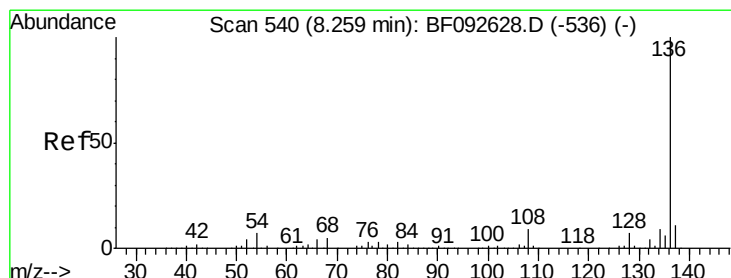
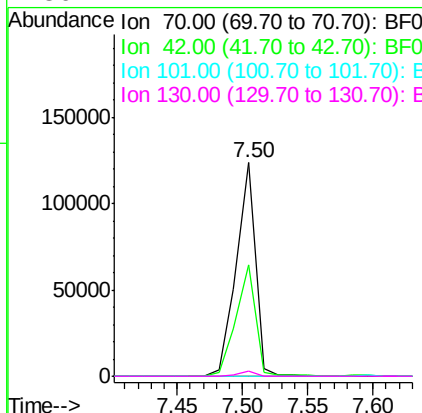
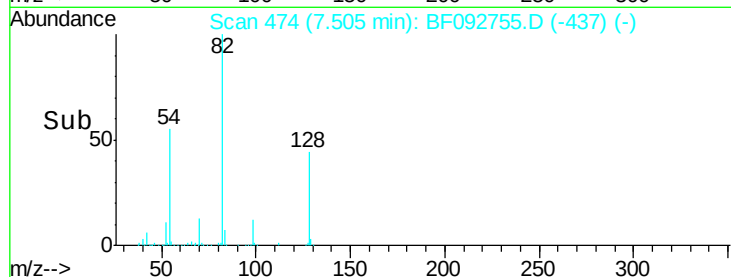
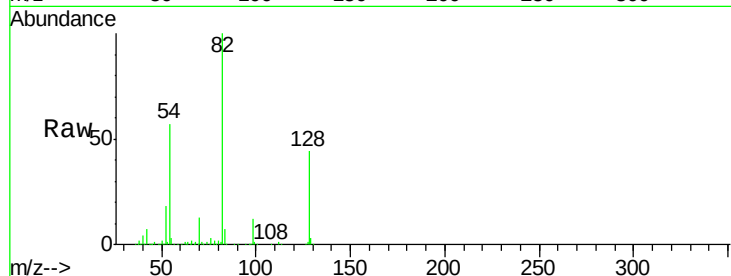




#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092755.D
Acq: 3 Feb 2017 00:27

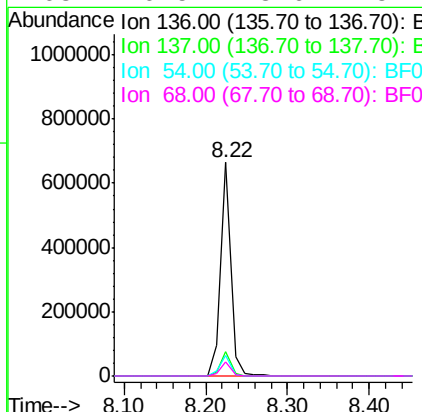
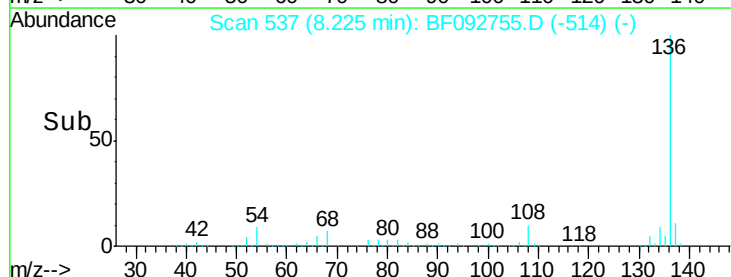
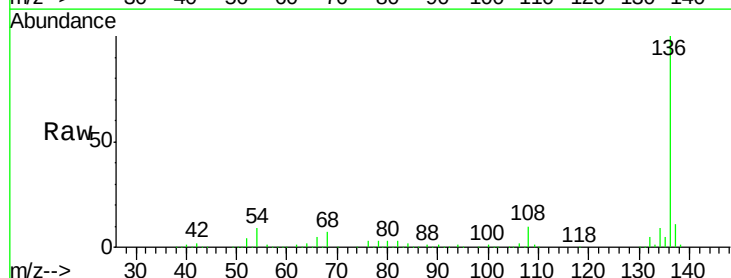
Instrument :
BNA_F
ClientSampleId :
SB-37-COMP

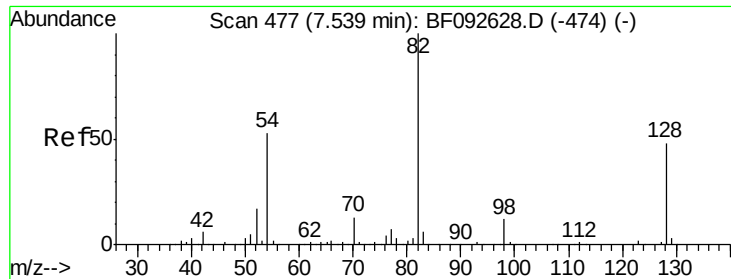
Tgt Ion: 70 Resp: 126663
Ion Ratio Lower Upper
70 100
42 52.0 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092755.D
Acq: 3 Feb 2017 00:27

Tgt Ion: 136 Resp: 576791
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.3 4.5 6.7#
68 6.5 3.6 5.4#

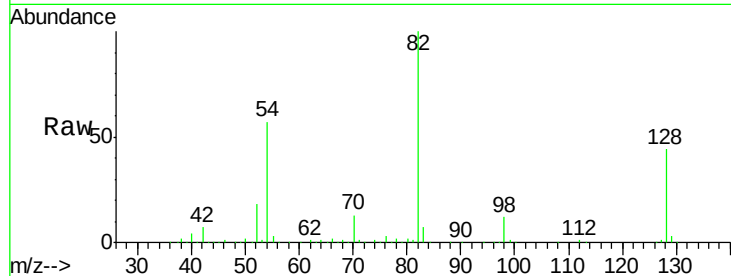




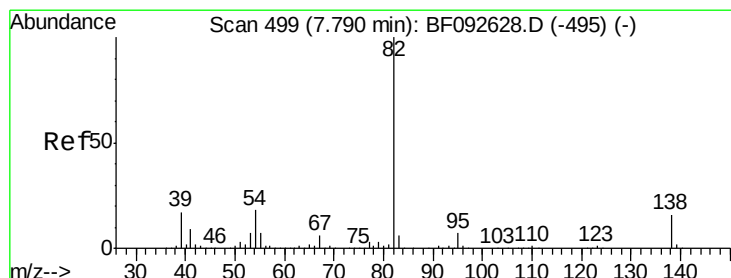
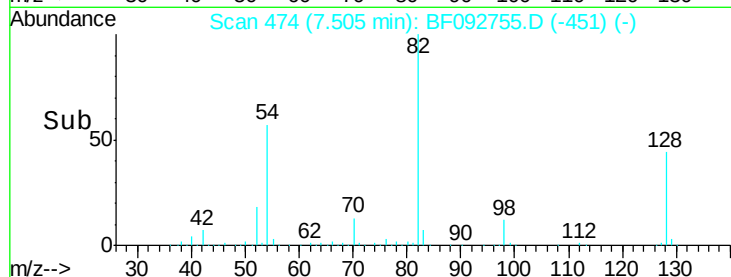
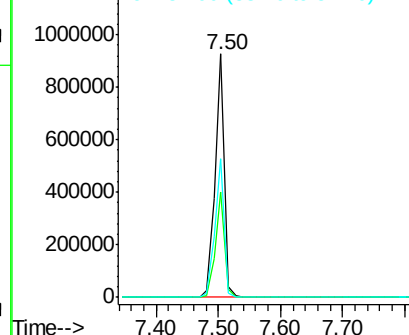
#23
 Nitrobenzene-d5
 Concen: 91.81 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Tgt Ion: 82 Resp: 950912
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 57.1 39.5 59.3

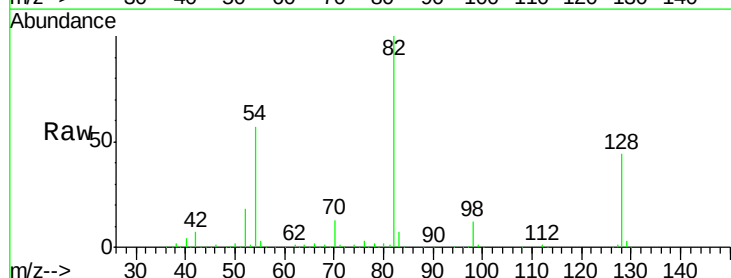


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

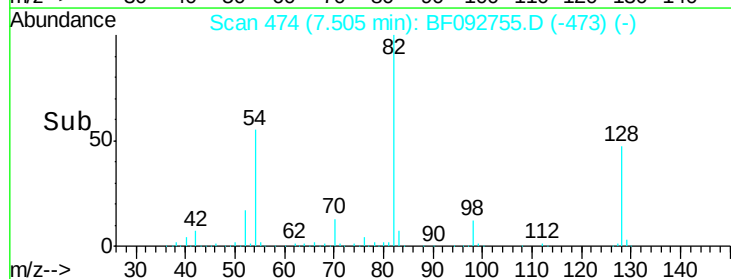
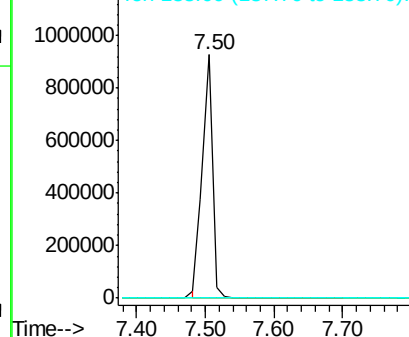


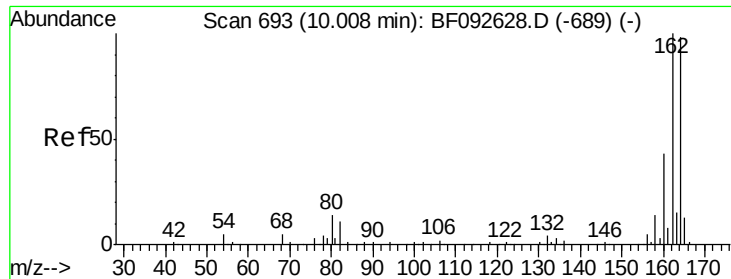
#25
 Isophorone
 Concen: 48.38 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Tgt Ion: 82 Resp: 933849
 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

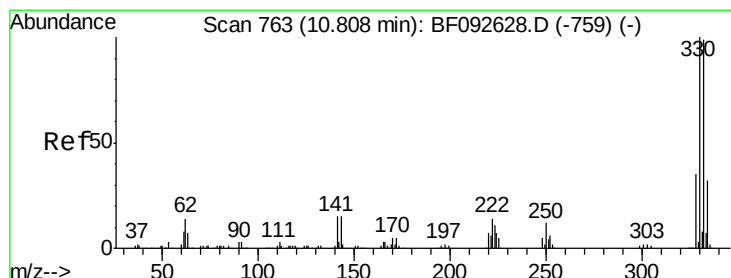
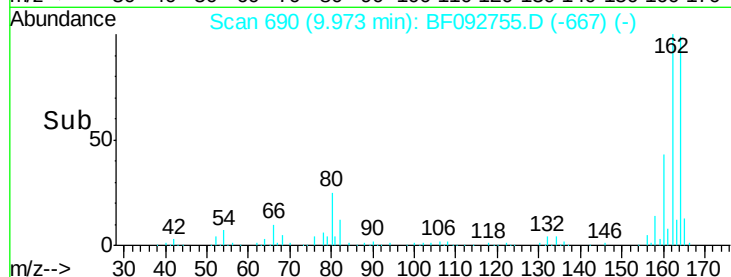
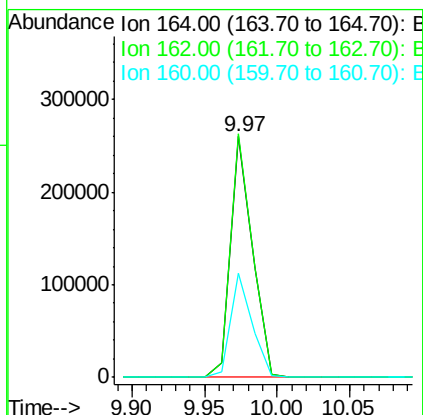
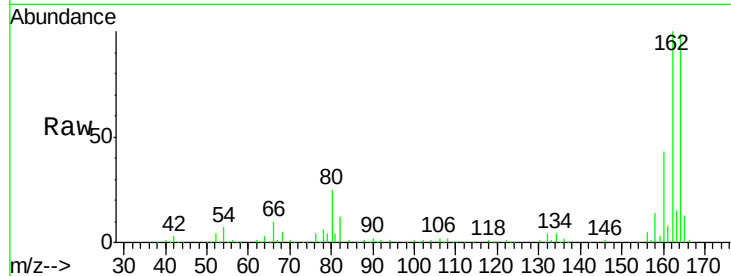




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

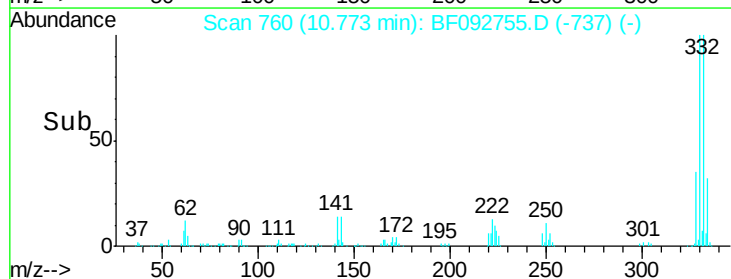
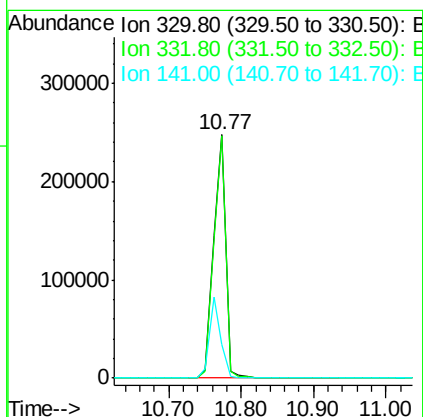
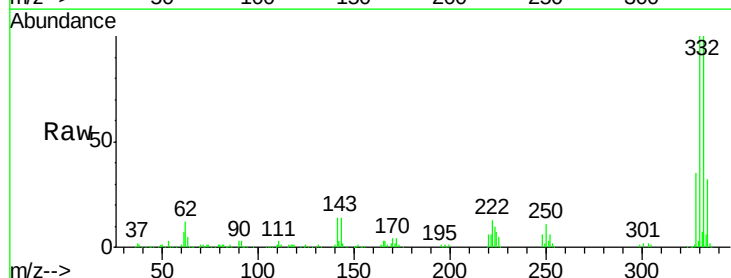
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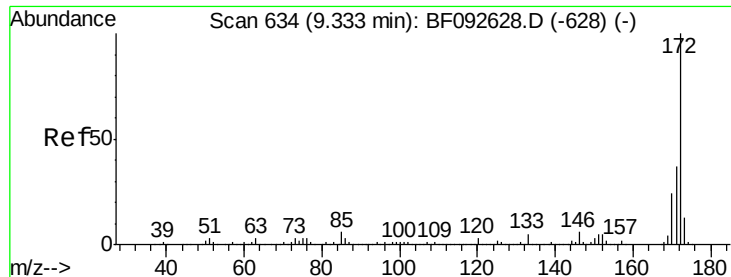
Tgt Ion:164 Resp: 272481
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 43.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 145.17 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Tgt Ion:330 Resp: 286096
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 31.5 34.1 51.1#

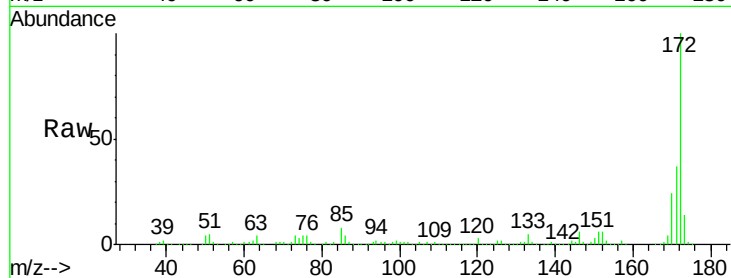




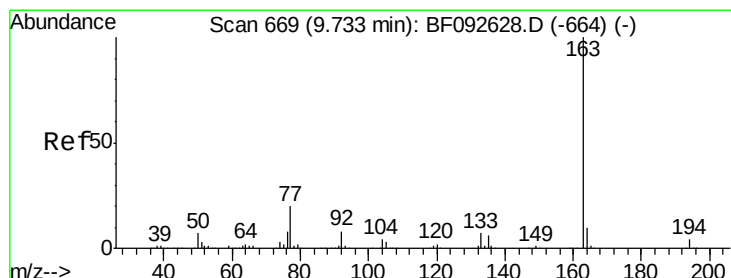
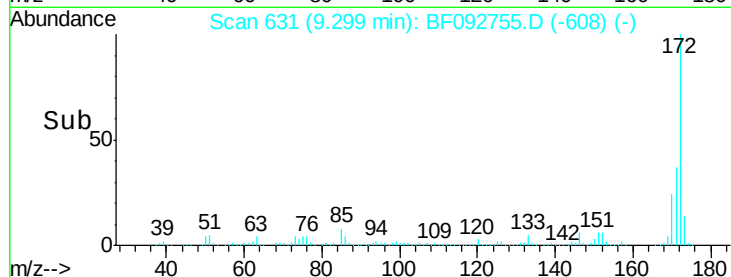
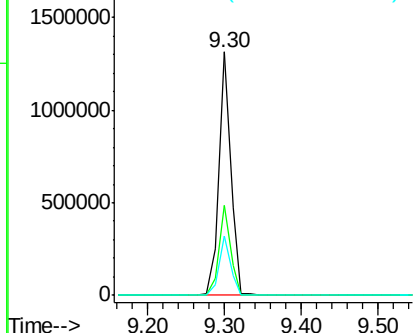
#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Tgt Ion:172 Resp: 1420843
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.4 20.2 30.4

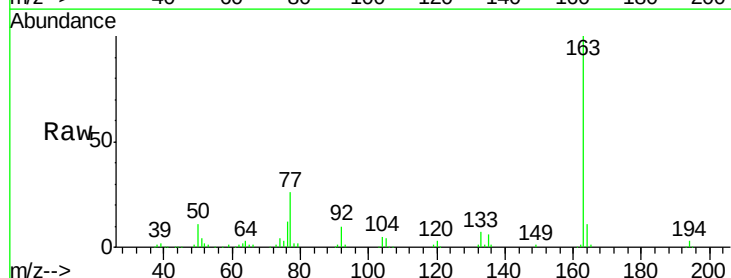


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

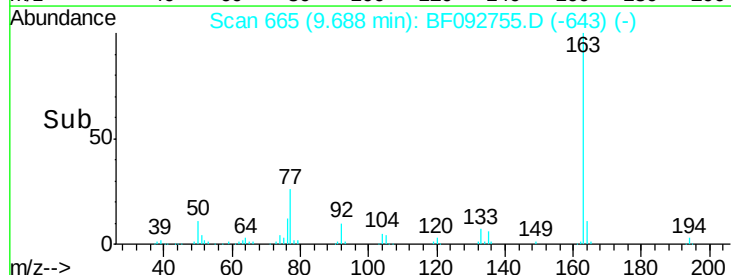
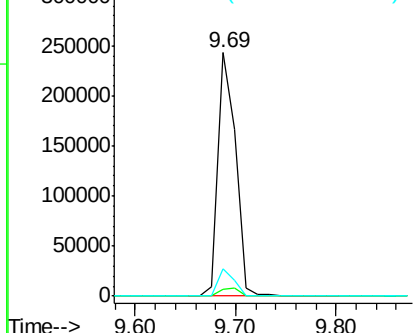


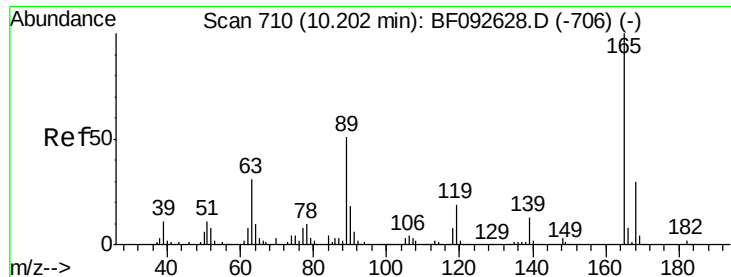
#49
 Dimethylphthalate
 Concen: 16.10 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Tgt Ion:163 Resp: 295556
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 11.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

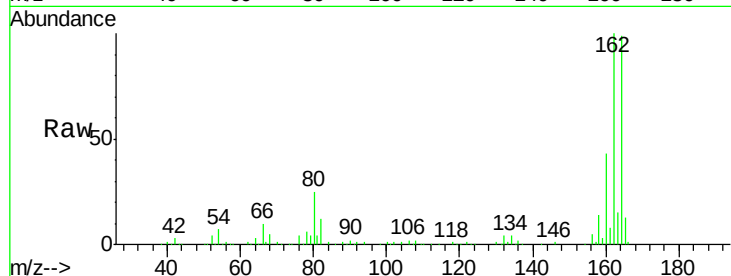




#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

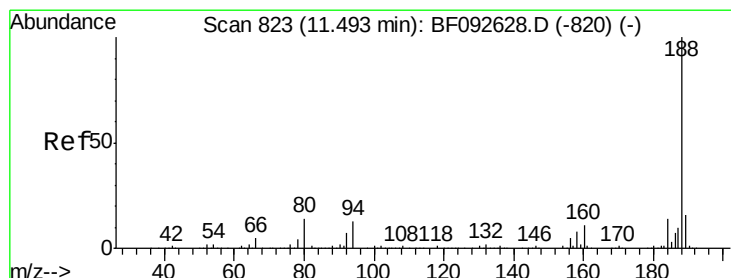
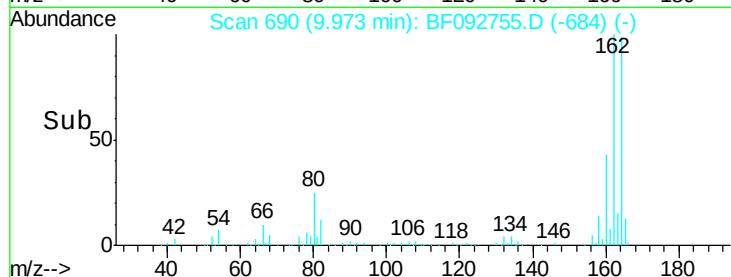
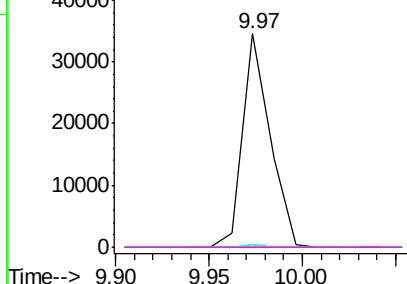


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

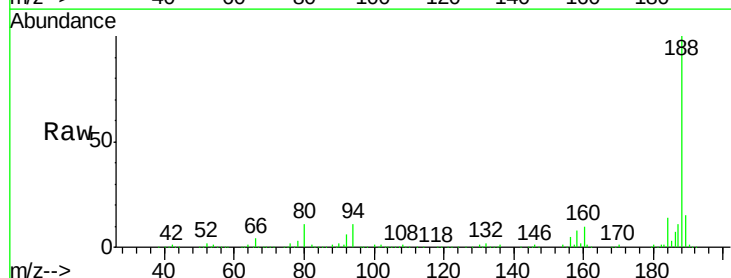
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

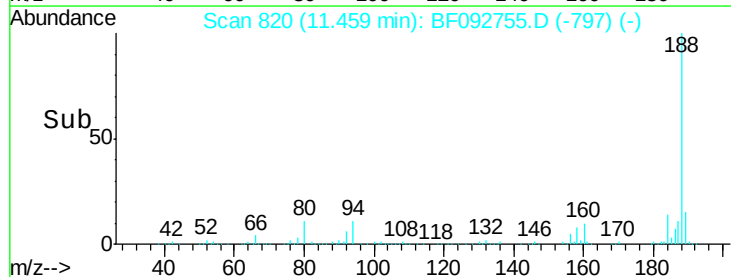
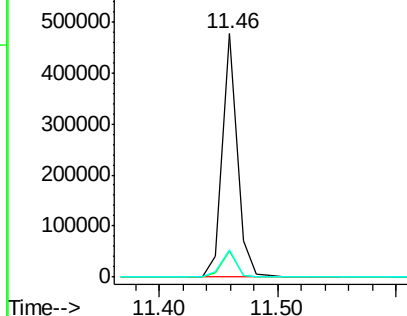
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.4	11.2	16.8

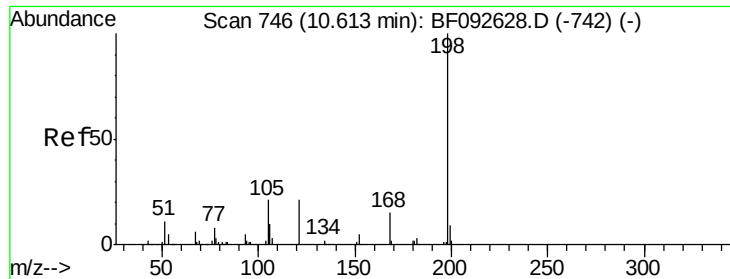


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

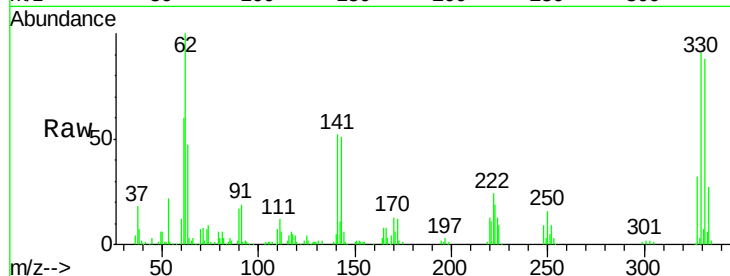




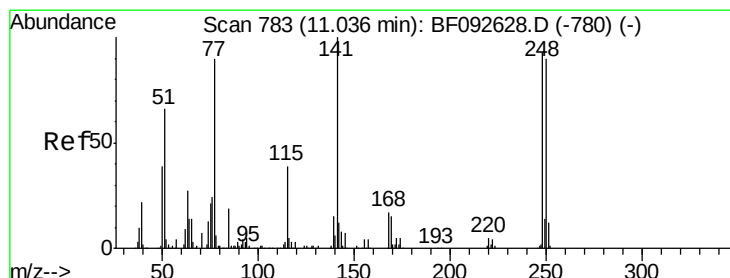
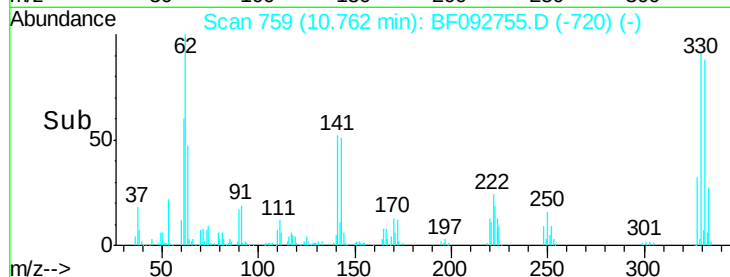
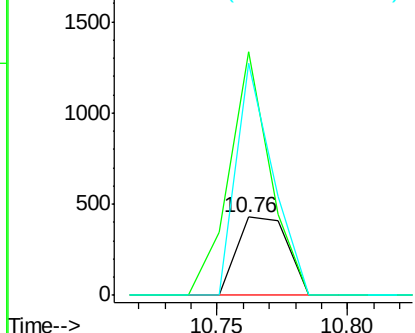
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.89 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Tgt Ion:198 Resp: 574
 Ion Ratio Lower Upper
 198 100
 51 310.5 6.7 46.7#
 105 295.8 16.6 56.6#

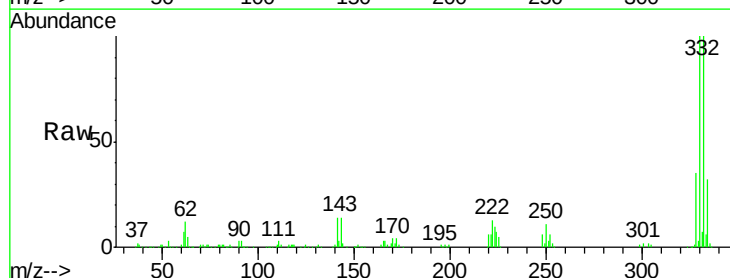


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

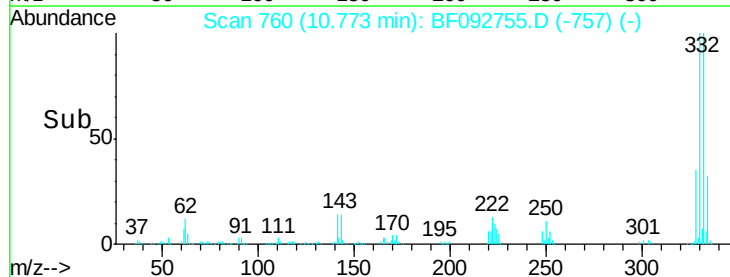
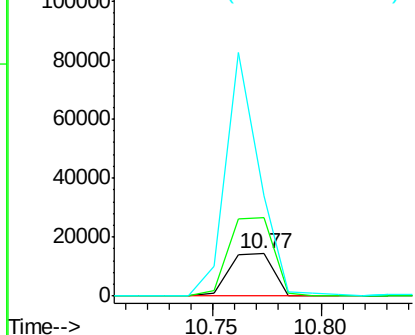


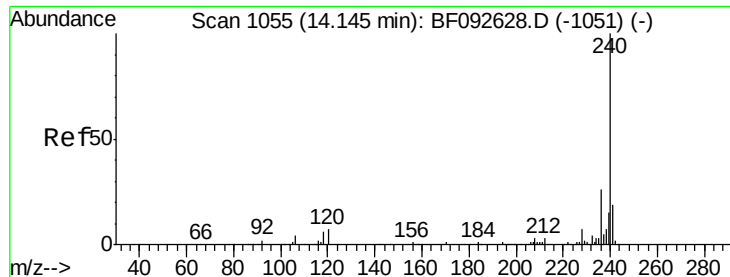
#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF092755.D
 Acq: 3 Feb 2017 00:27

Tgt Ion:248 Resp: 20570
 Ion Ratio Lower Upper
 248 100
 250 185.0 76.9 115.3#
 141 237.2 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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

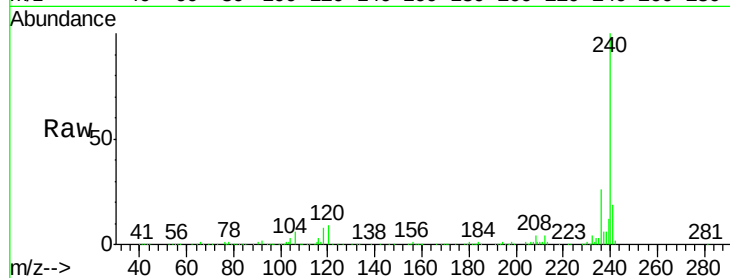
Tgt Ion:240 Resp: 311057

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

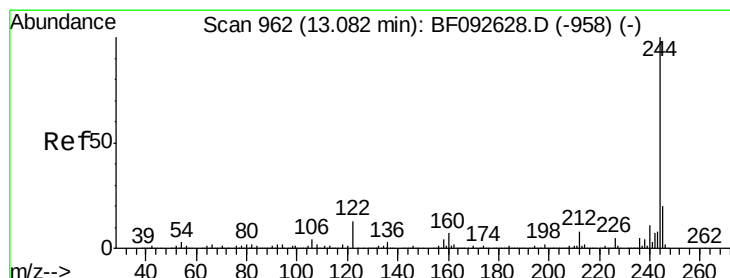
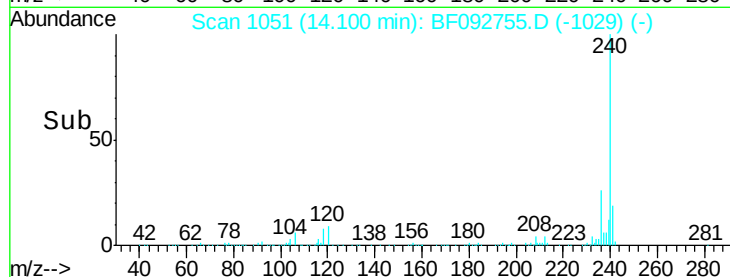
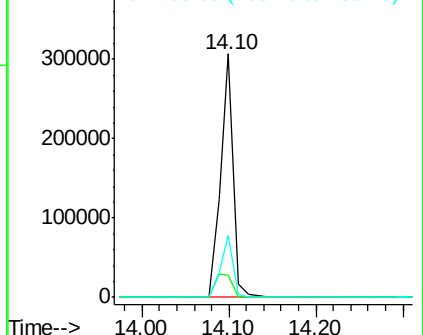
236 25.6 20.9 31.3



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: 78.55 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092755.D

Acq: 3 Feb 2017 00:27

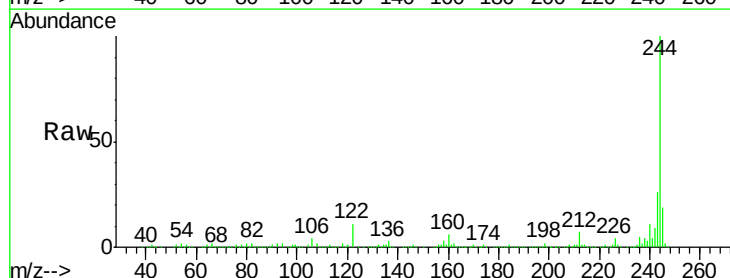
Tgt Ion:244 Resp: 1039920

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

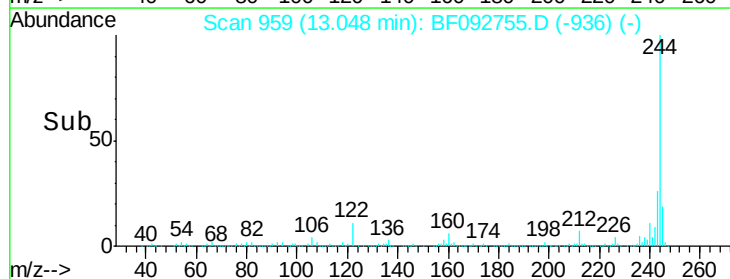
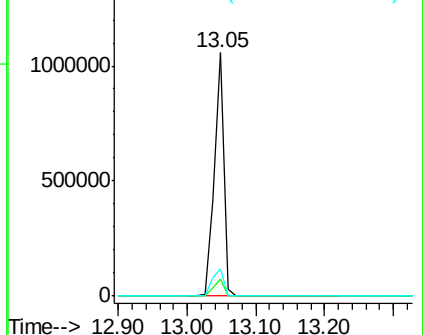
122 11.0 11.4 17.2#

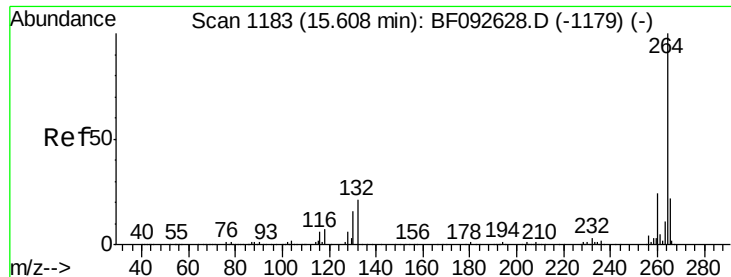


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

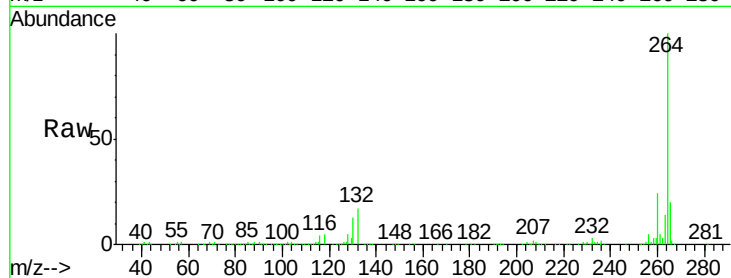




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092755.D
Acq: 3 Feb 2017 00:27

Instrument :
BNA_F
ClientSampleId :
SB-37-COMP

Tgt Ion: 264 Resp: 316001
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.5 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

