

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089524.D
 Acq On : 1 Aug 2016 21:56
 Operator : UM/SJ
 Sample : H4269-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Quant Time: Aug 02 01:48:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

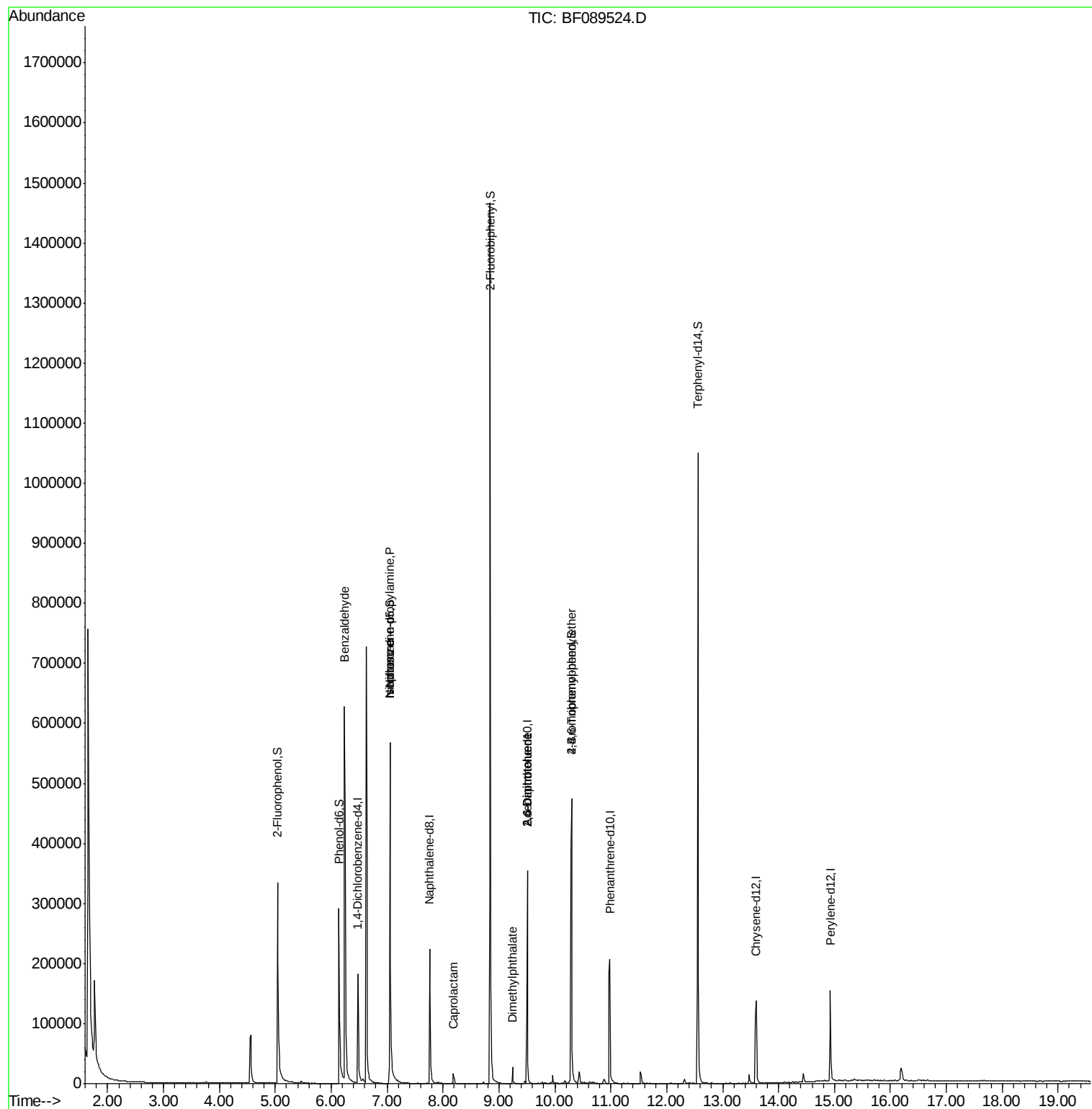
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37600	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	159639	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	75899	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	128520	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	74271	20.00	ng	-0.07
86) Perylene-d12	14.93	264	71935	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	160671	68.23	ng	-0.07
7) Phenol-d6	6.14	99	152389	48.97	ng	-0.07
23) Nitrobenzene-d5	7.05	82	251767	93.09	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	76627	121.90	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	478258	92.48	ng	-0.07
78) Terphenyl-d14	12.56	244	317971	100.20	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.24	77	5751	3.78	ng	# 68
19) n-Nitroso-di-n-propylamine	7.05	70	33465	17.83	ng	# 81
25) Isophorone	7.05	82	232469	42.67	ng	# 67
35) Caprolactam	8.18	113	2810	4.66	ng	# 89
49) Dimethylphthalate	9.24	163	12876	2.23	ng	# 98
50) 2,6-Dinitrotoluene	9.51	165	9349	7.88	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	9349	5.98	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5679	4.63	ng	# 1

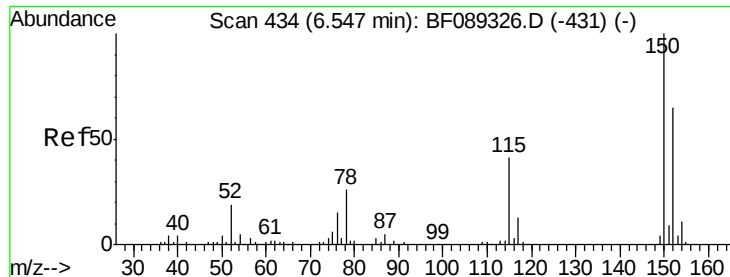
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

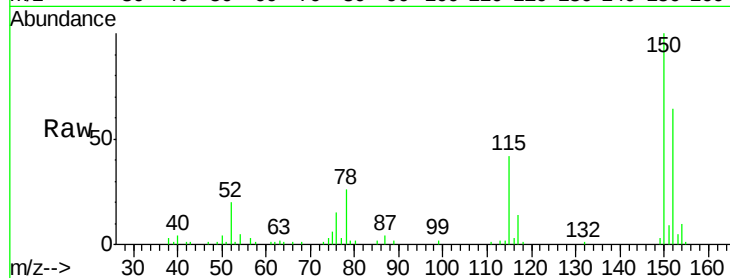
Tgt Ion:152 Resp: 37600

Ion Ratio Lower Upper

152 100

150 156.3 129.5 194.3

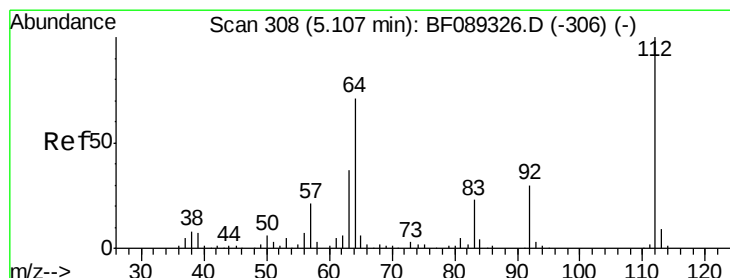
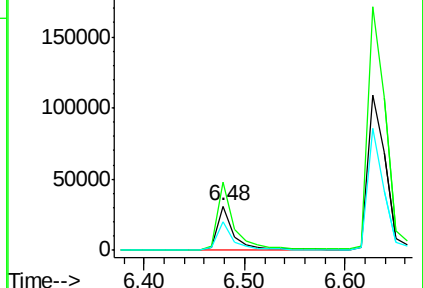
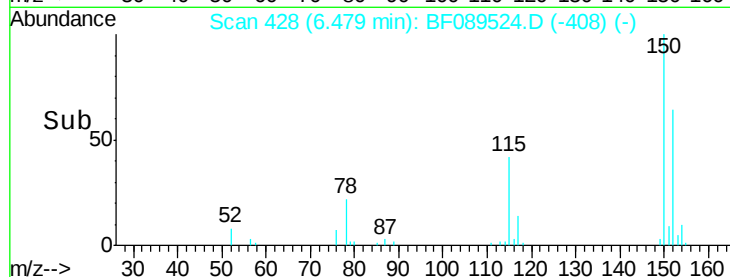
115 65.4 51.4 77.2



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: 68.23 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

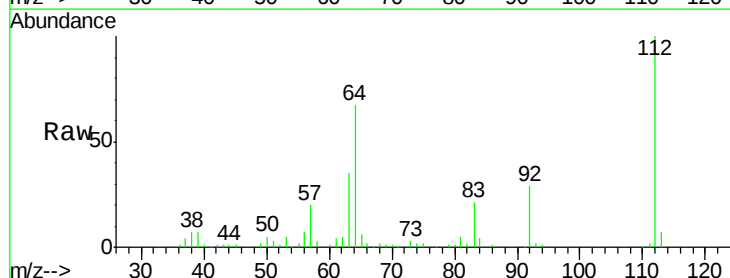
Tgt Ion:112 Resp: 160671

Ion Ratio Lower Upper

112 100

64 66.7 55.0 82.6

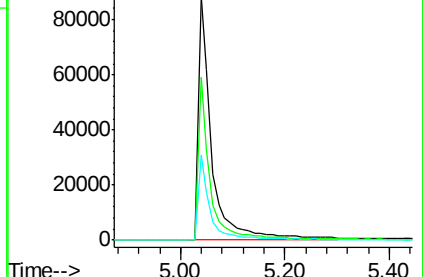
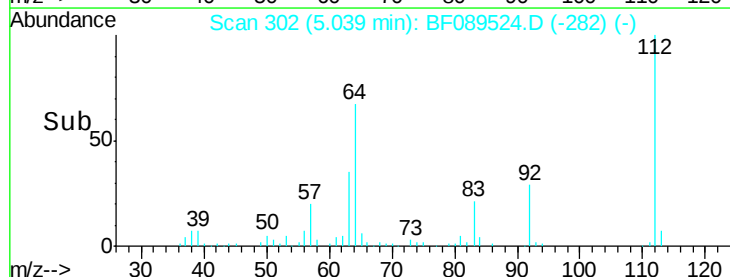
63 34.6 29.4 44.2



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: 48.97 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

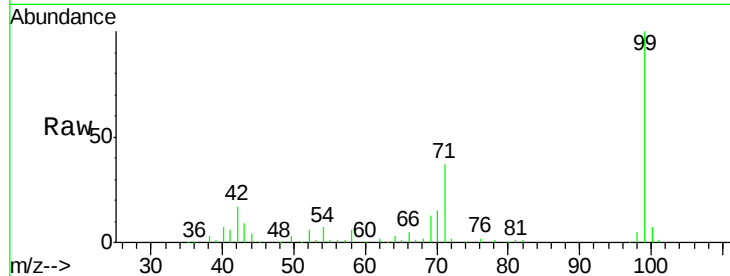
Tgt Ion: 99 Resp: 152389

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

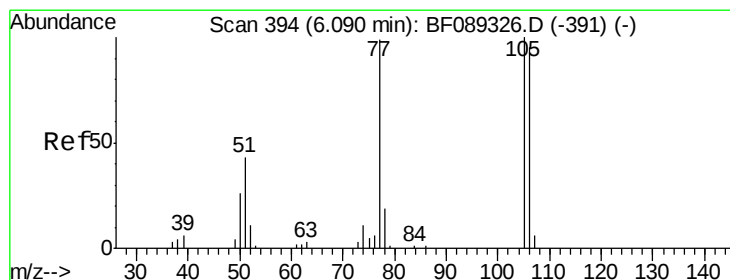
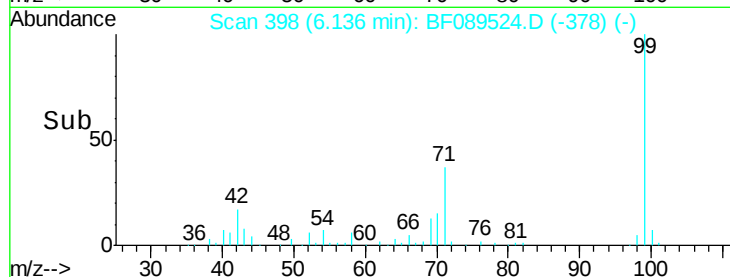
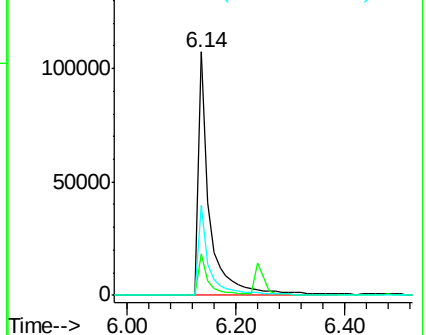
71 36.7 29.4 44.2



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



#9

Benzaldehyde

Concen: 3.78 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

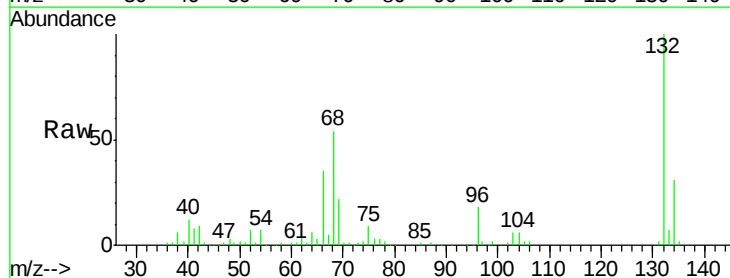
Tgt Ion: 77 Resp: 5751

Ion Ratio Lower Upper

77 100

105 71.0 82.9 122.9#

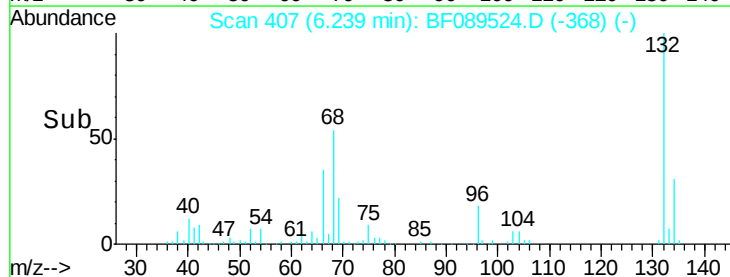
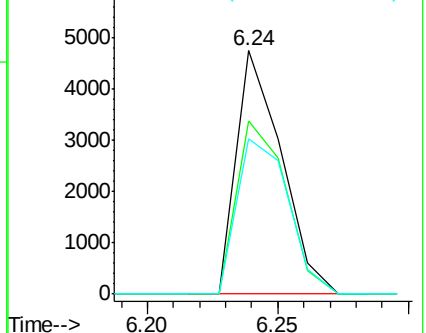
106 63.9 75.9 115.9#

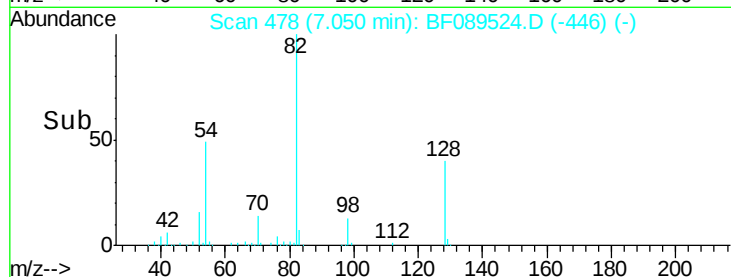
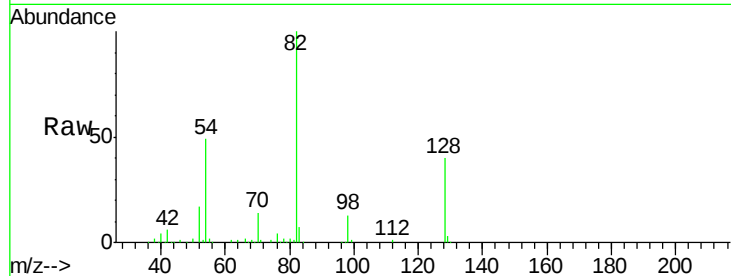
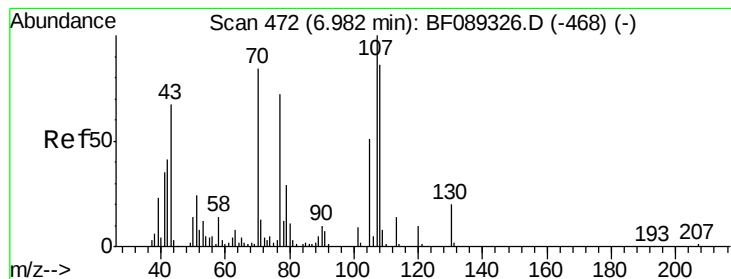


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.83 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

Tgt Ion: 70 Resp: 33465

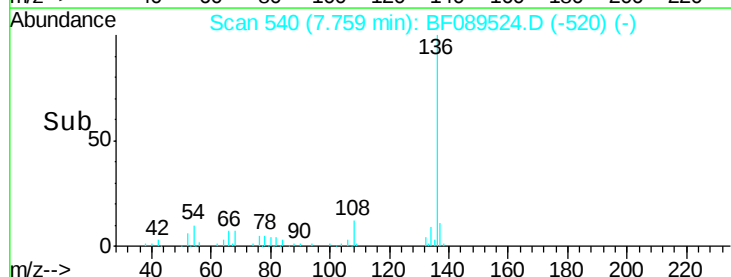
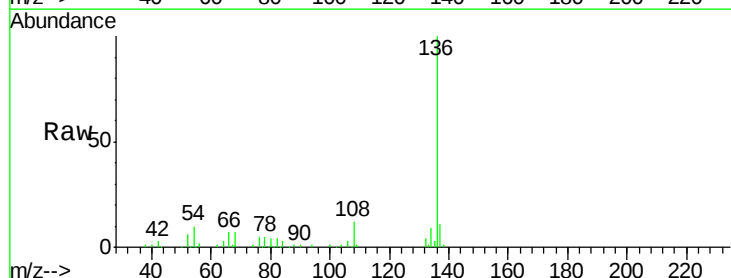
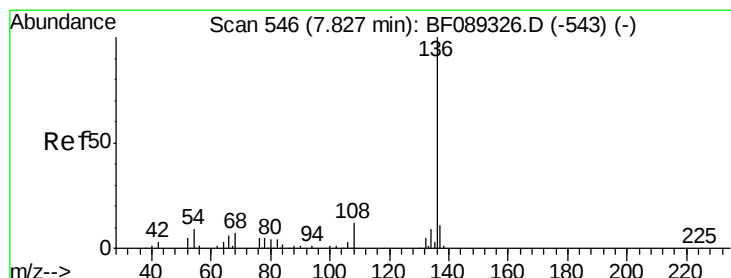
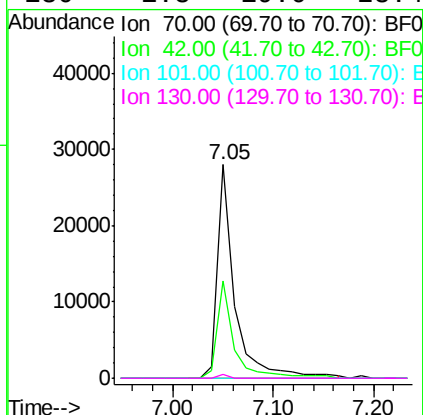
Ion Ratio Lower Upper

70 100

42 45.4 38.6 57.8

101 0.0 8.3 12.5#

130 1.8 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Tgt Ion: 136 Resp: 159639

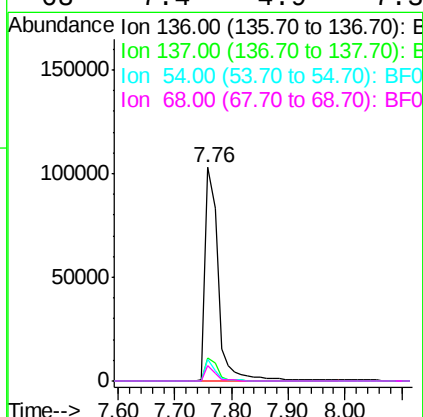
Ion Ratio Lower Upper

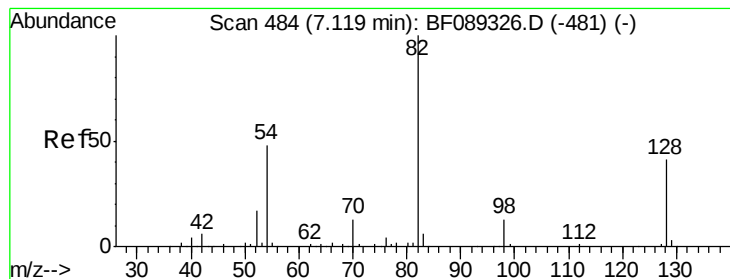
136 100

137 11.0 8.6 13.0

54 10.2 7.0 10.4

68 7.4 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 93.09 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

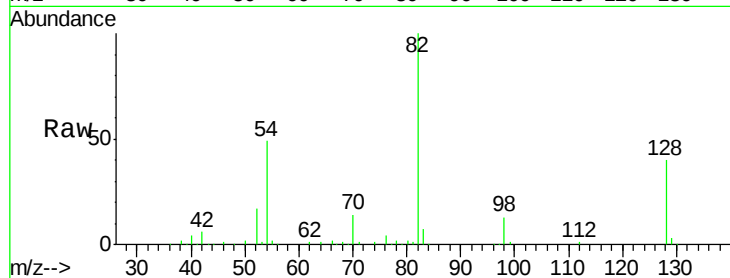
Tgt Ion: 82 Resp: 251767

Ion Ratio Lower Upper

82 100

128 39.9 32.5 48.7

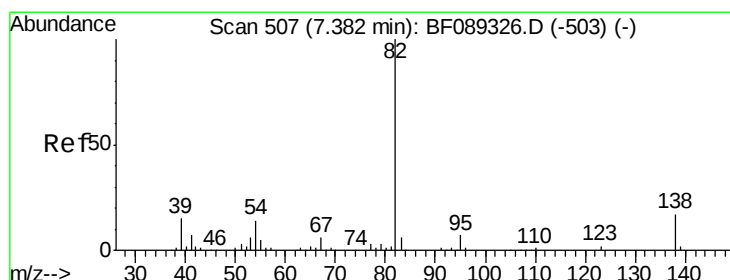
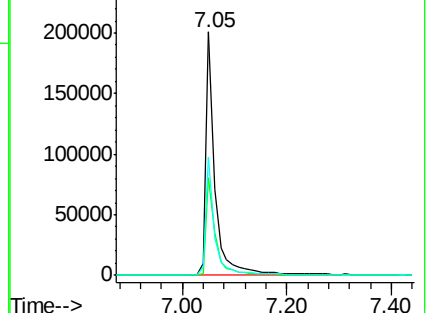
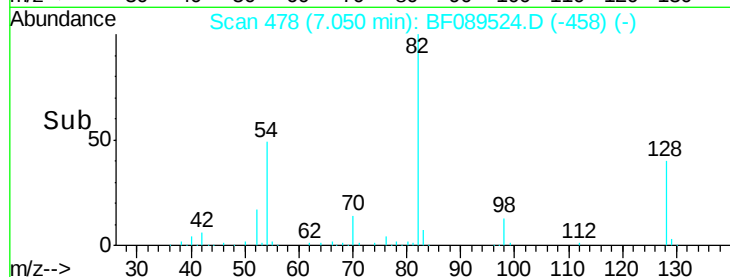
54 48.8 38.8 58.2



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: 42.67 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

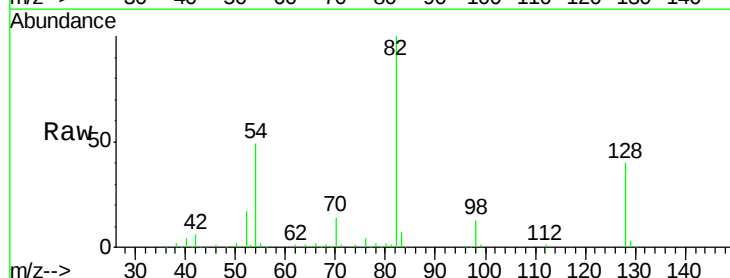
Tgt Ion: 82 Resp: 232469

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

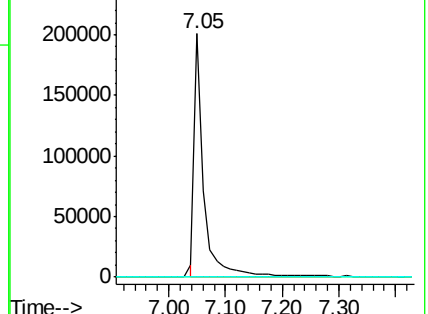
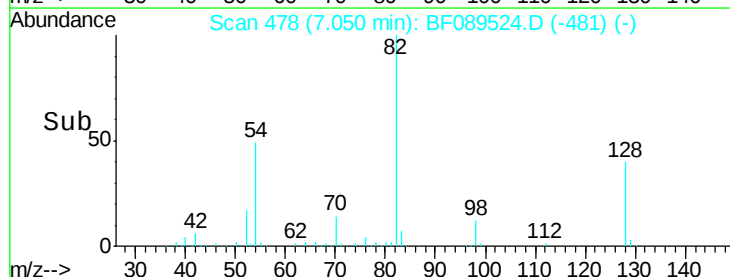
138 0.0 13.3 19.9#

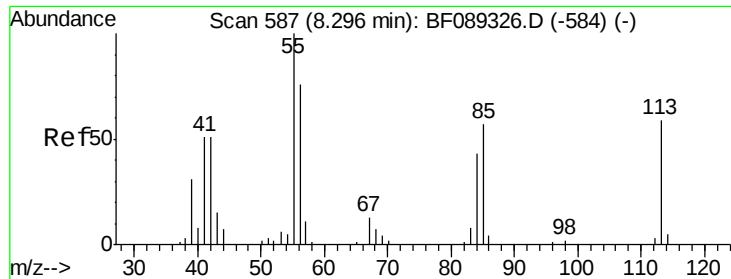


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

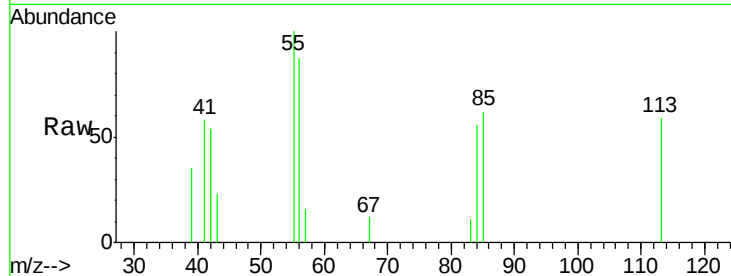




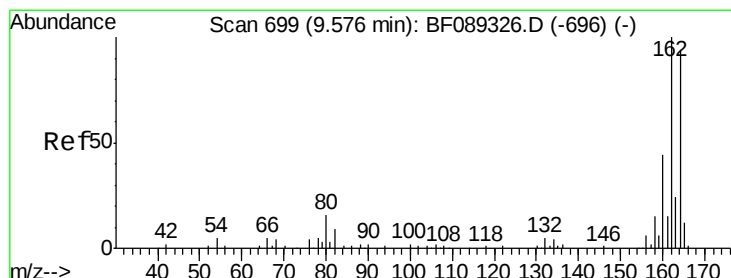
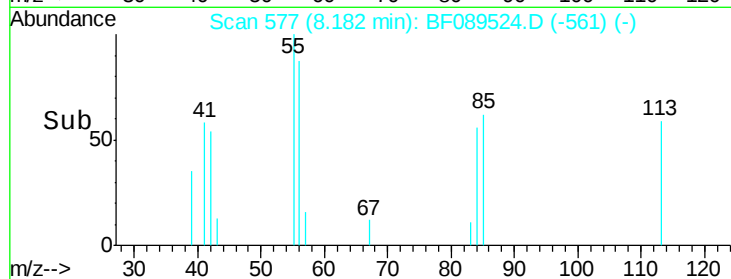
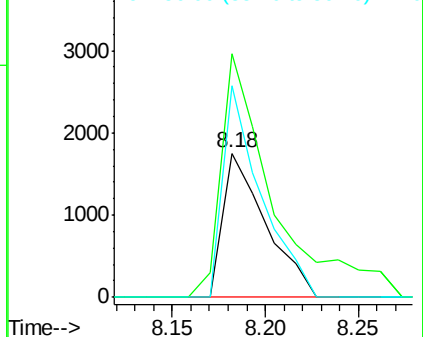
#35
 Caprolactam
 Concen: 4.66 ng
 RT: 8.18 min Scan# 577
 Delta R.T. -0.11 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tgt Ion:113 Resp: 2810
 Ion Ratio Lower Upper
 113 100
 55 169.3 142.3 182.3
 56 147.1 105.8 145.8#

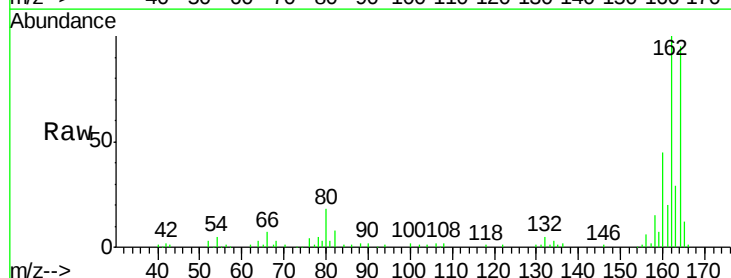


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

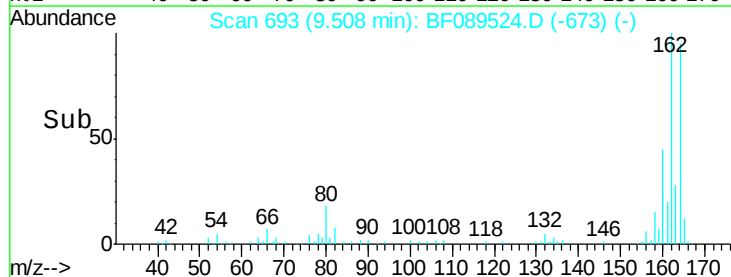
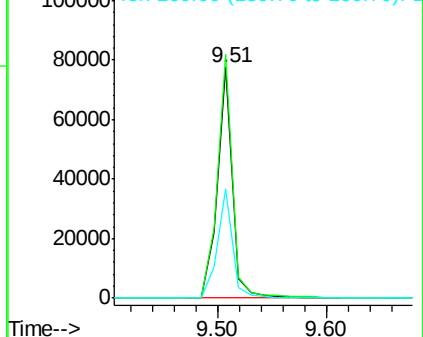


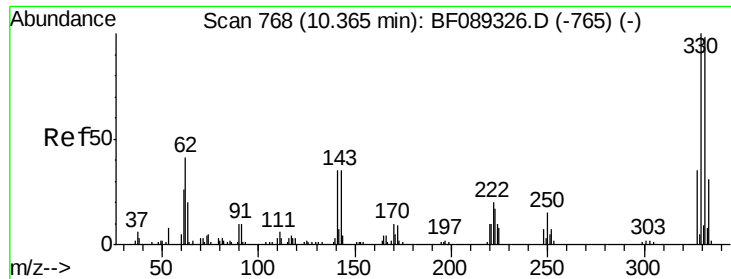
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion:164 Resp: 75899
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.7 125.5
 160 47.3 37.8 56.6



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

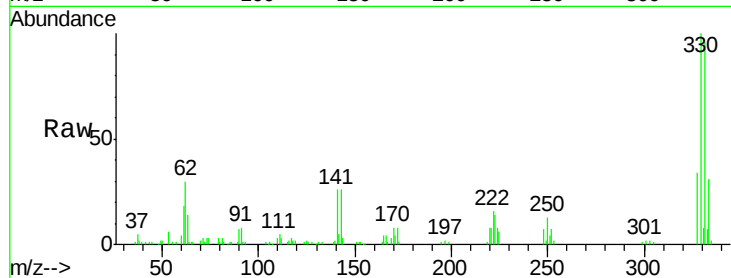




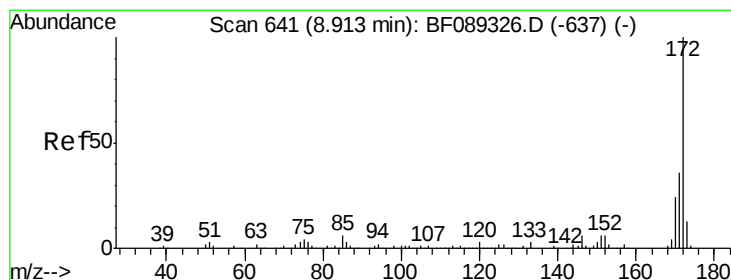
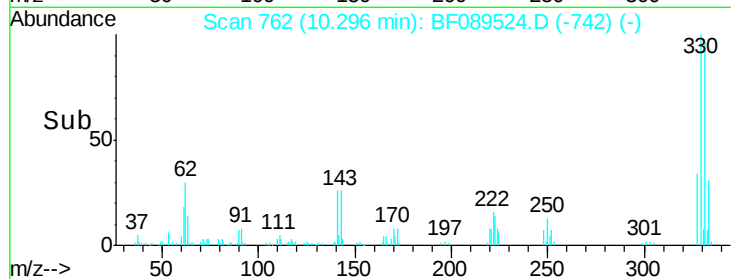
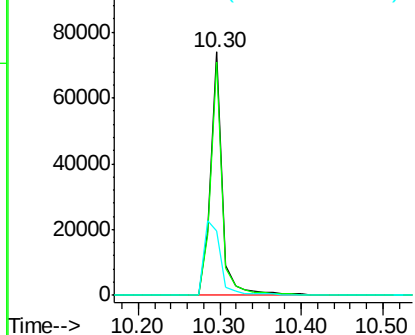
#41
 2,4,6-Tribromophenol
 Concen: 121.90 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tgt Ion:330 Resp: 76627
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 43.1 37.3 55.9

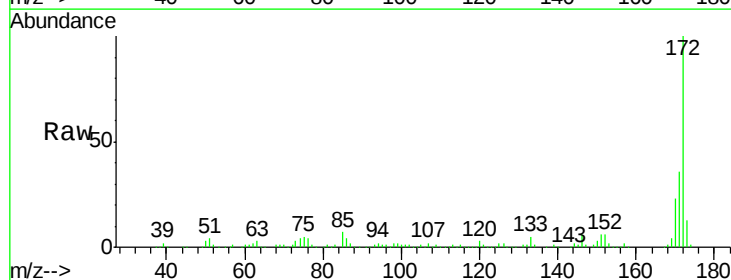


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

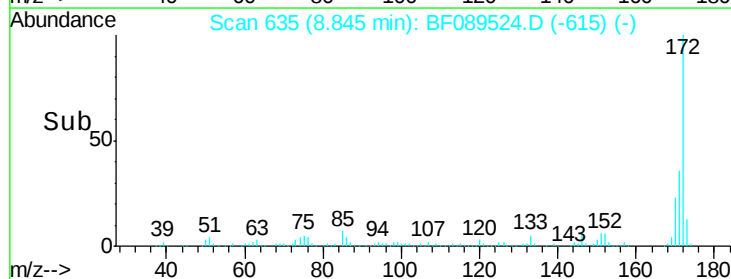
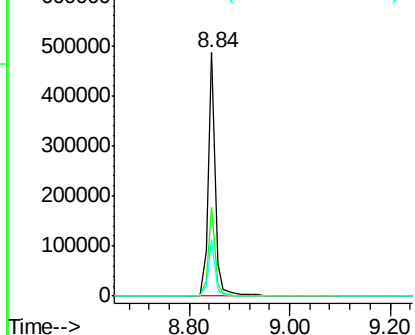


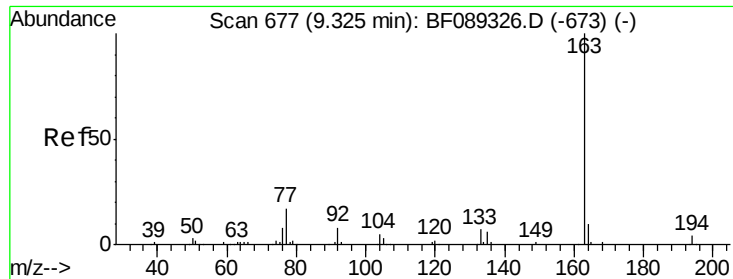
#44
 2-Fluorobiphenyl
 Concen: 92.48 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion:172 Resp: 478258
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.5 19.2 28.8



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

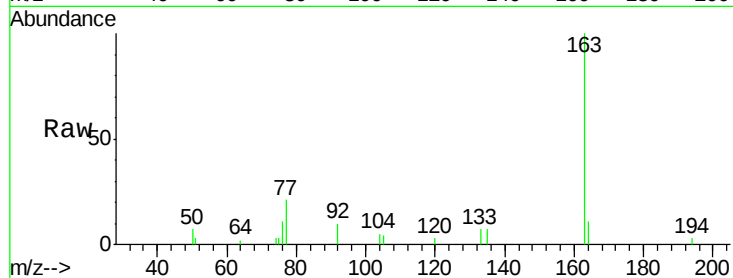




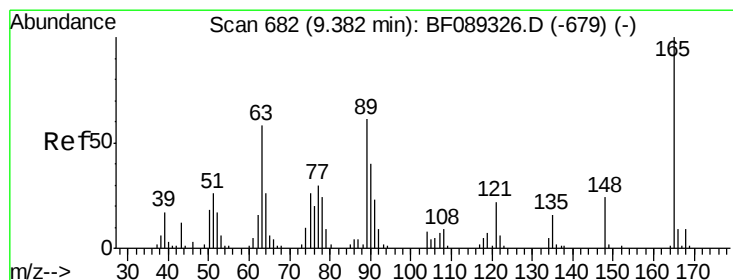
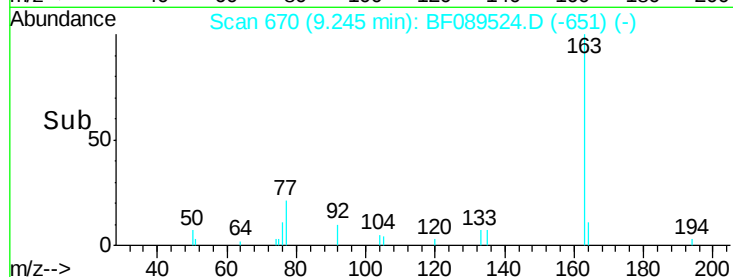
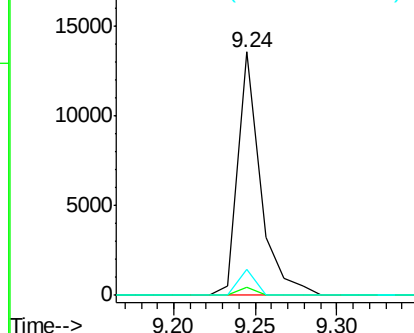
#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Instrument :
BNA_F
ClientSampleId :
GW-54-16.1-20.0

Tgt Ion:163 Resp: 12876
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 7.8 11.8

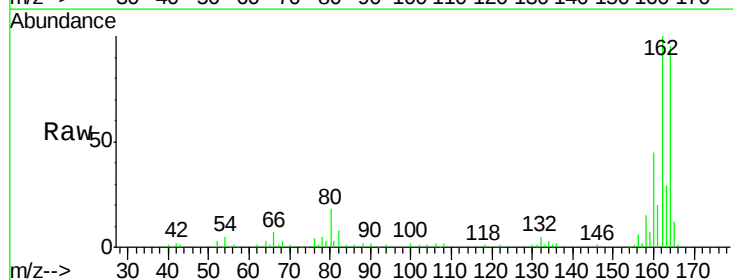


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

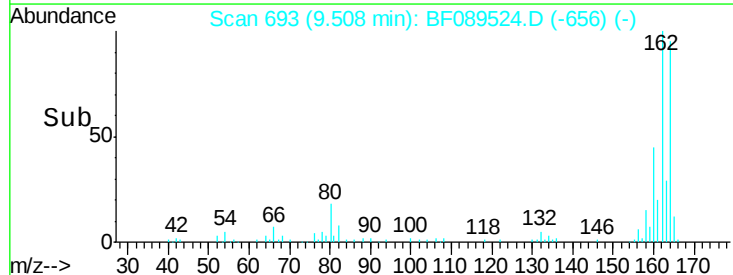
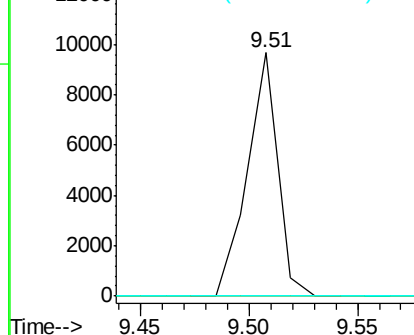


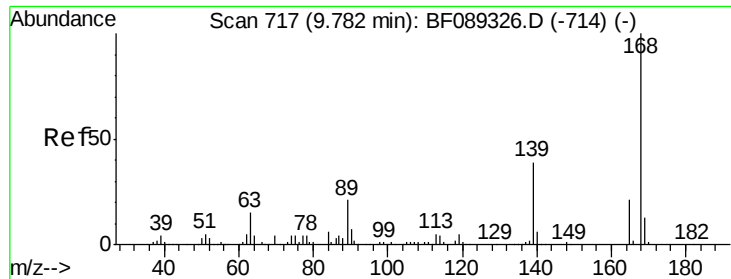
#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.13 min
Lab File: BF089524.D
Acq: 1 Aug 2016 21:56

Tgt Ion:165 Resp: 9349
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 45.0 67.4#



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

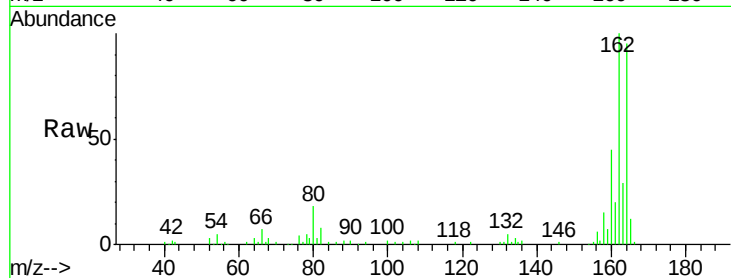




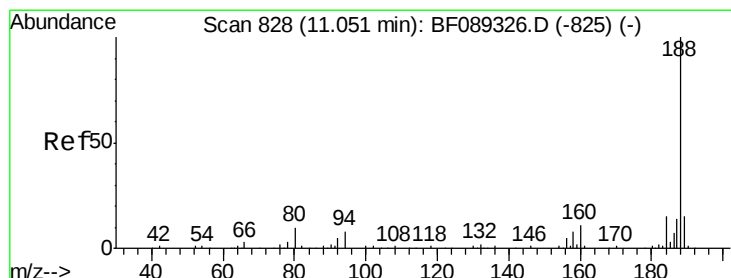
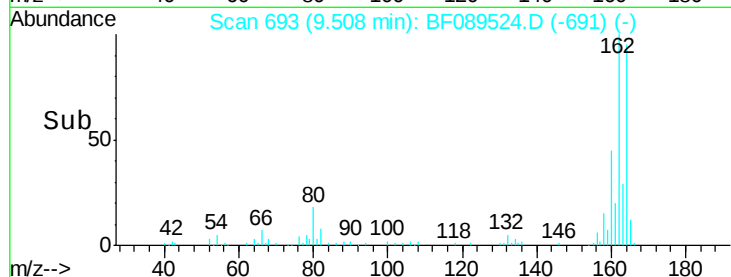
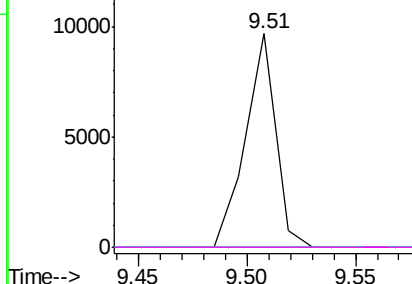
#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tgt Ion:165 Resp: 9349
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#

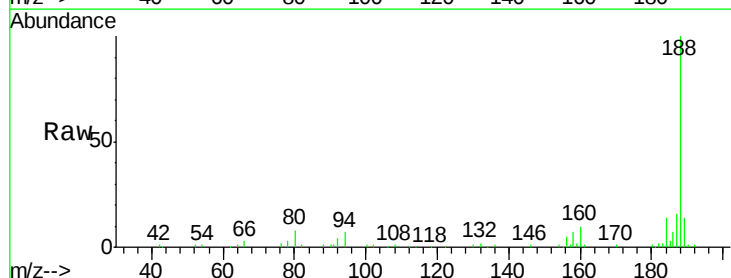


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BF0
 10000 Ion 89.00 (88.70 to 89.70): BF0
 5000 Ion 182.00 (181.70 to 182.70): E

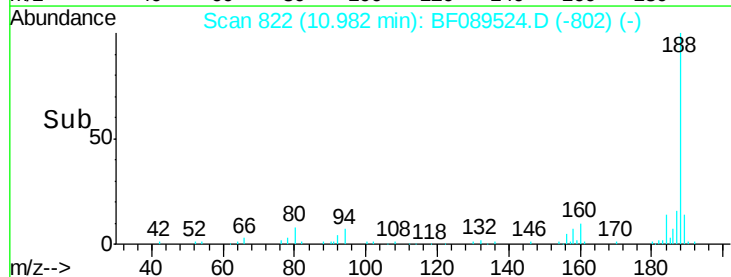
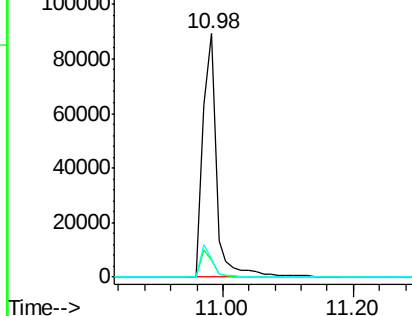


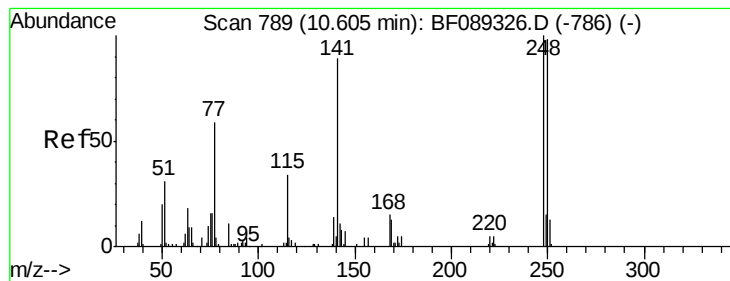
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion:188 Resp: 128520
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.5 9.7
 80 7.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 120000 Ion 94.00 (93.70 to 94.70): BF0
 100000 Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.63 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.31 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

Instrument :

BNA_F

ClientSampleId :

GW-54-16.1-20.0

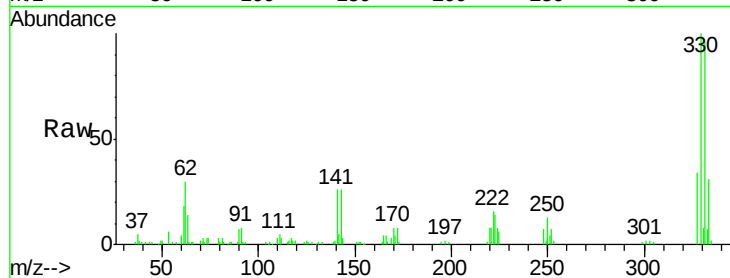
Tgt Ion:248 Resp: 5679

Ion Ratio Lower Upper

248 100

250 188.7 78.2 117.2#

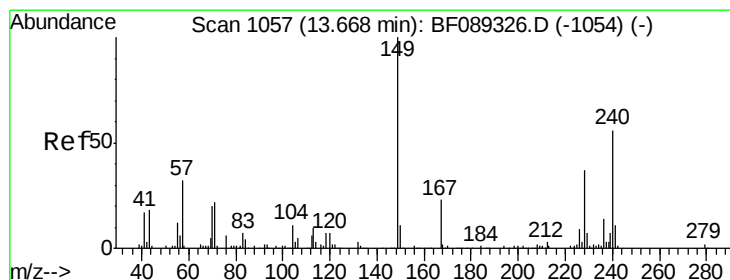
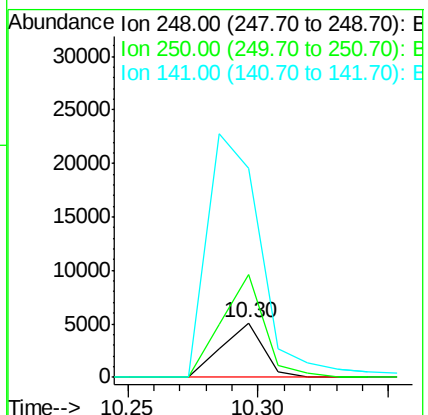
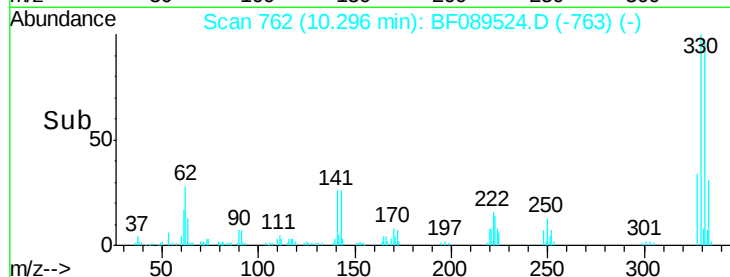
141 384.2 62.0 93.0#



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: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089524.D

Acq: 1 Aug 2016 21:56

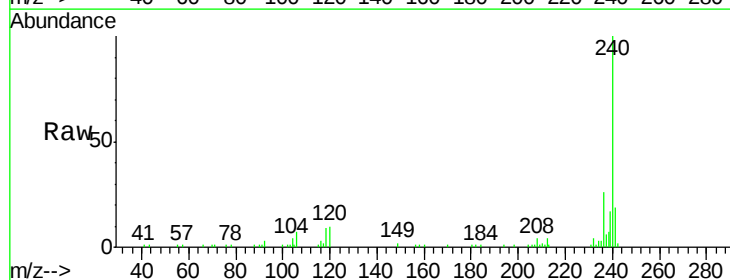
Tgt Ion:240 Resp: 74271

Ion Ratio Lower Upper

240 100

120 9.8 9.1 13.7

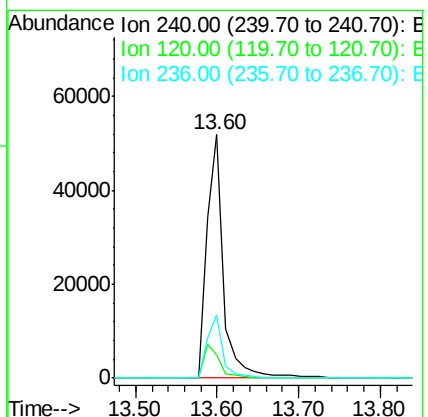
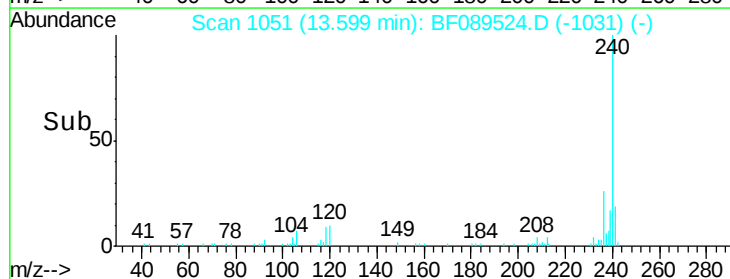
236 26.1 20.6 30.8

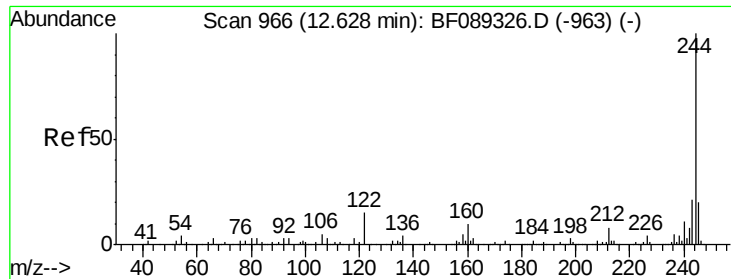


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

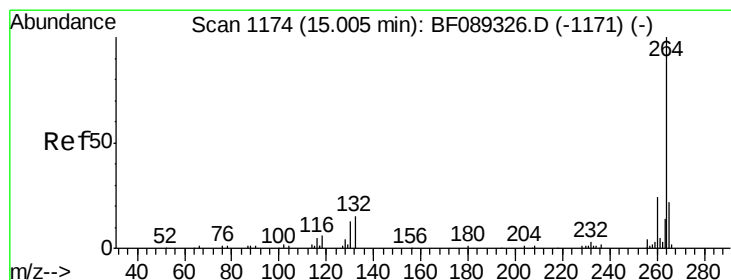
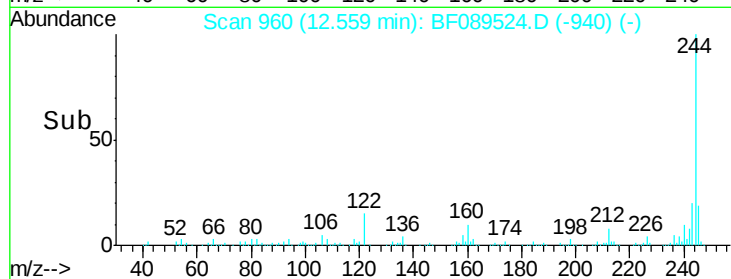
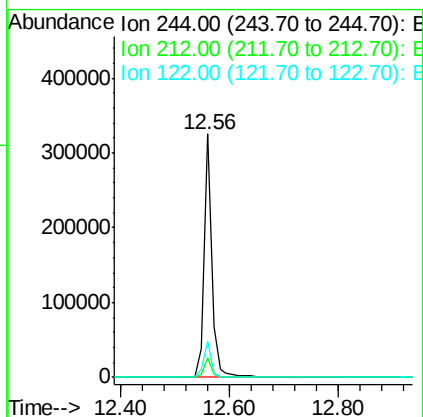
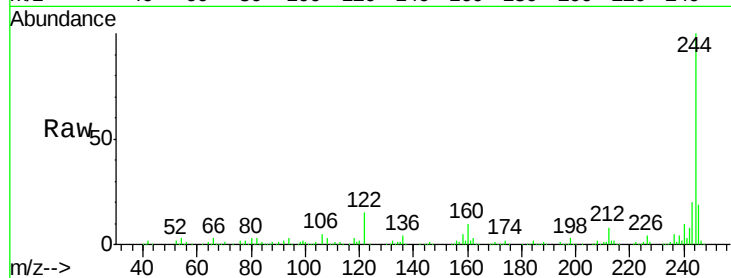




#78
 Terphenyl-d14
 Concen: 100.20 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-54-16.1-20.0

Tgt Ion:244 Resp: 317971
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 15.0 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089524.D
 Acq: 1 Aug 2016 21:56

Tgt Ion:264 Resp: 71935
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.2 17.5 26.3

