

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080464.D
 Acq On : 14 Jul 2015 12:53
 Operator : TP/UM
 Sample : G2982-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04

Quant Time: Jul 14 13:26:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

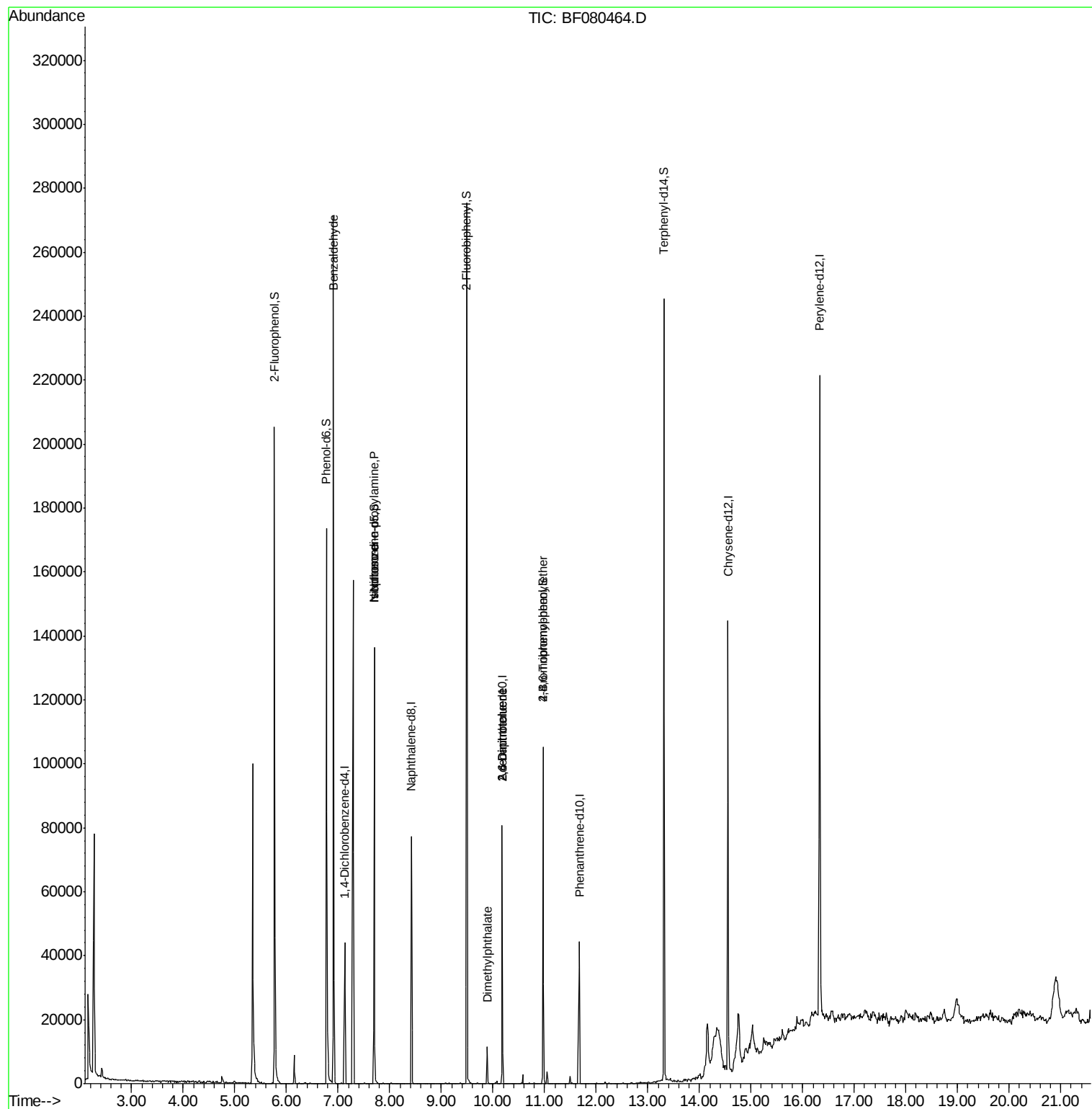
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	8988	20.00	ng	-0.02
21) Naphthalene-d8	8.42	136	33918	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	15211	20.00	ng	-0.01
63) Phenanthrene-d10	11.68	188	25584	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	65925	20.00	ng	0.02
86) Perylene-d12	16.33	264	95134	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	58345	111.24	ng	-0.02
7) Phenol-d6	6.77	99	72401	103.61	ng	-0.02
23) Nitrobenzene-d5	7.70	82	42659	71.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	11509	77.52	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	82296	72.87	ng	-0.01
78) Terphenyl-d14	13.31	244	91722	30.22	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	1212	3.14	ng	86
19) n-Nitroso-di-n-propylamine	7.70	70	5382	11.25	ng	# 81
25) Isophorone	7.70	82	38559	36.18	ng	# 73
49) Dimethylphthalate	9.89	163	8388	7.30	ng	98
50) 2,6-Dinitrotoluene	10.18	165	1599	6.20	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	1599	5.30	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	987	3.62	ng	# 1

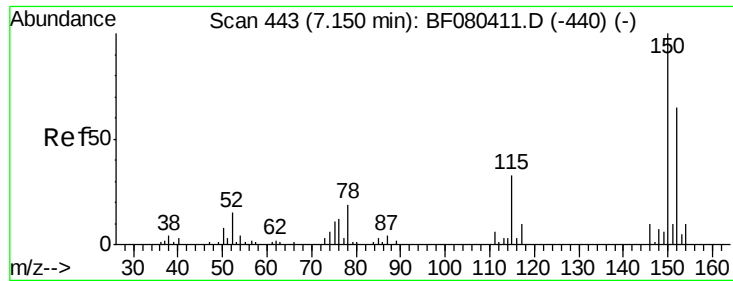
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 13:26:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF080464.D

Acq: 14 Jul 2015 12:53

Instrument :

BNA_F

ClientSampled :

DGA-SITE-04

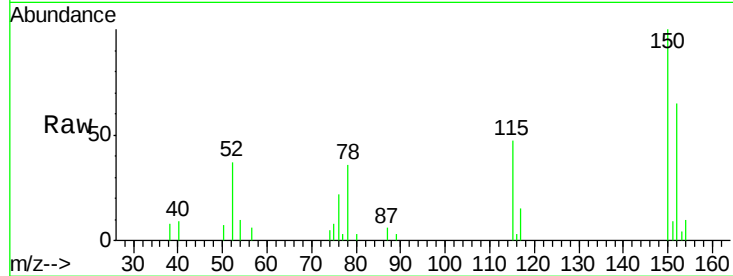
Tgt Ion:152 Resp: 8988

Ion Ratio Lower Upper

152 100

150 154.6 122.3 183.5

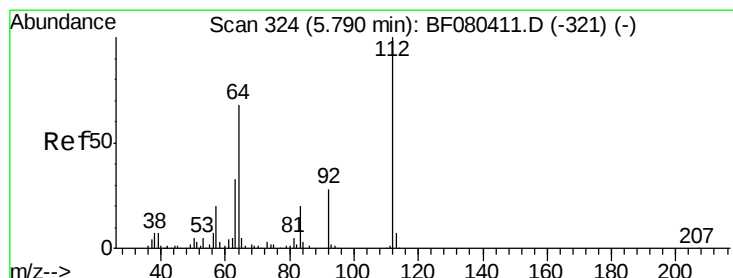
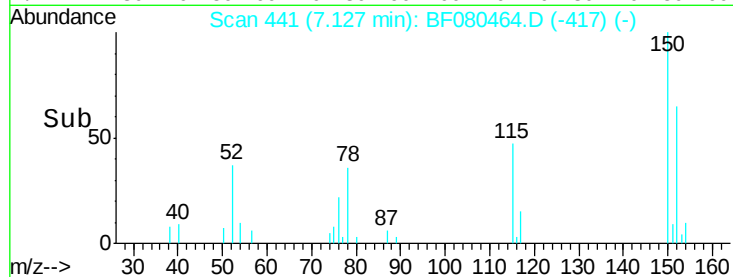
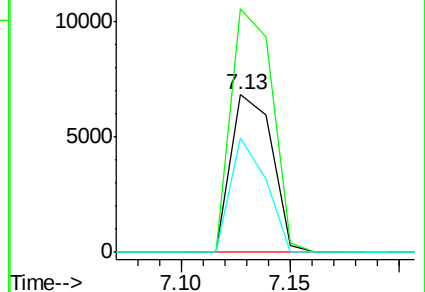
115 72.9 41.0 61.4#



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: 111.24 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080464.D

Acq: 14 Jul 2015 12:53

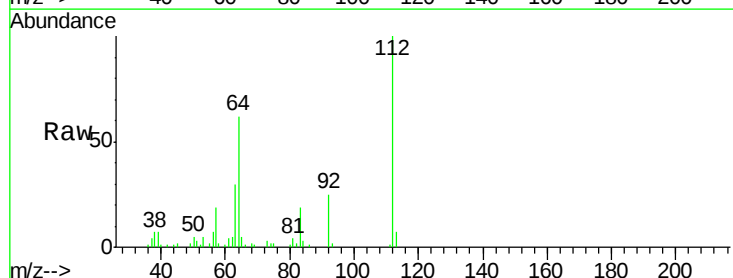
Tgt Ion:112 Resp: 58345

Ion Ratio Lower Upper

112 100

64 61.6 54.3 81.5

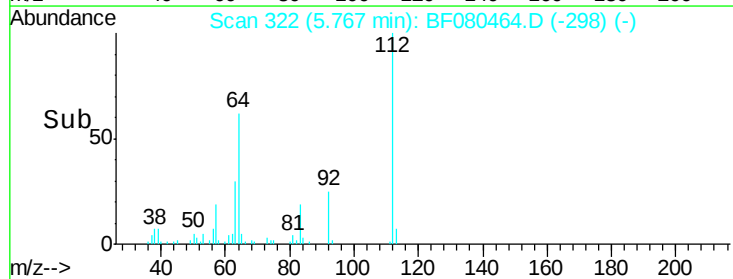
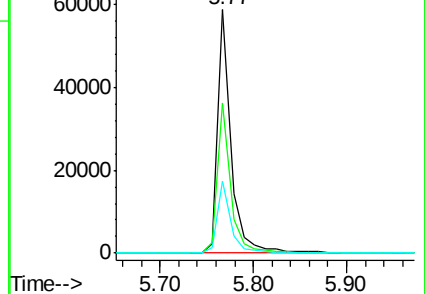
63 29.7 26.7 40.1

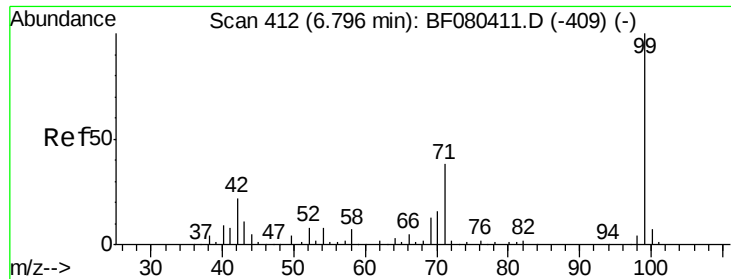


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.61 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080464.D

Acq: 14 Jul 2015 12:53

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04

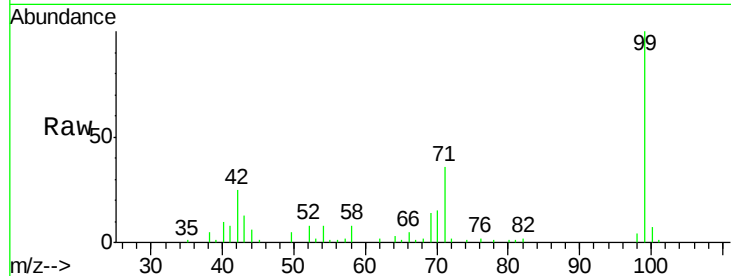
Tgt Ion: 99 Resp: 72401

Ion Ratio Lower Upper

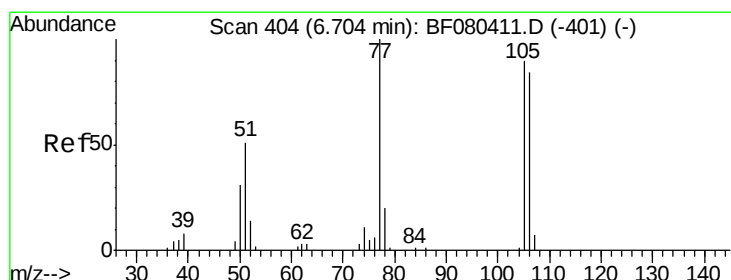
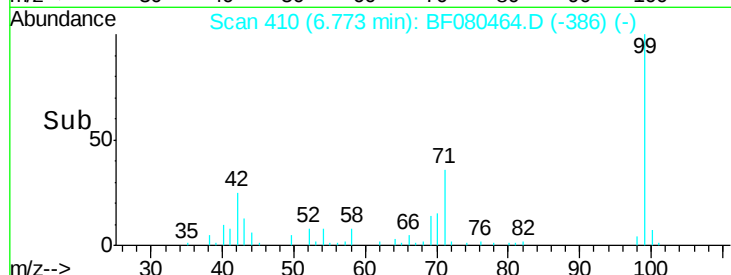
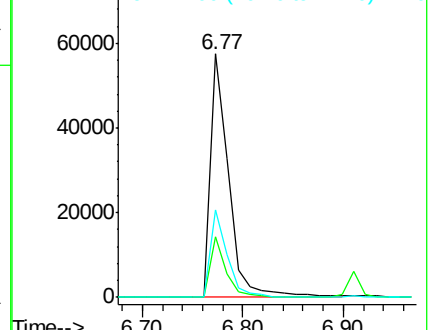
99 100

42 24.8 17.9 26.9

71 35.7 30.1 45.1



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: 3.14 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.21 min

Lab File: BF080464.D

Acq: 14 Jul 2015 12:53

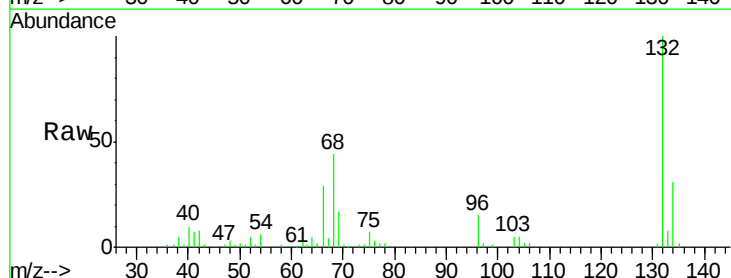
Tgt Ion: 77 Resp: 1212

Ion Ratio Lower Upper

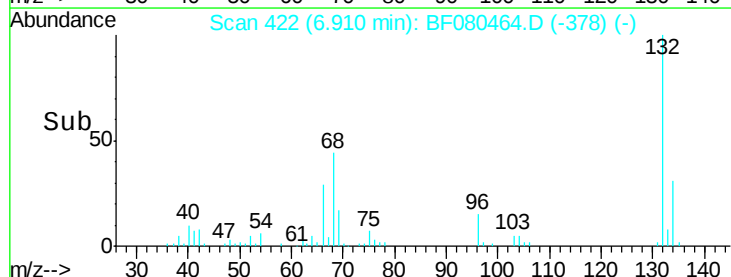
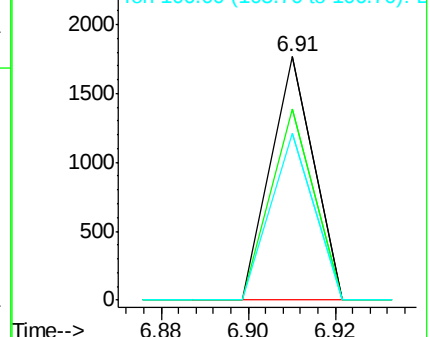
77 100

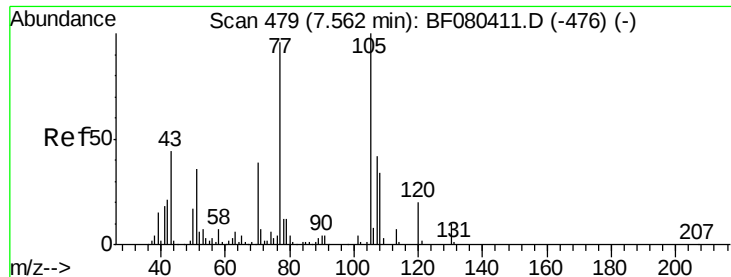
105 78.6 69.6 109.6

106 68.6 63.6 103.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

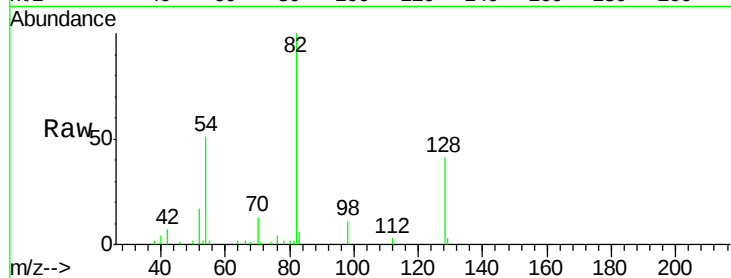




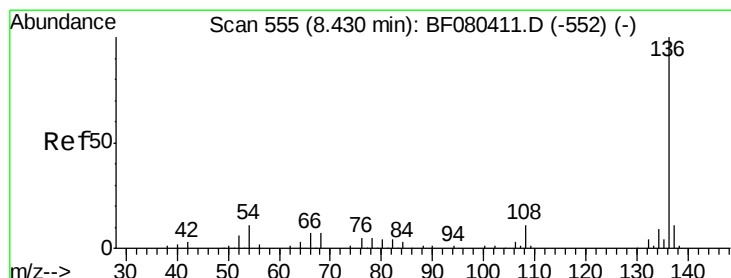
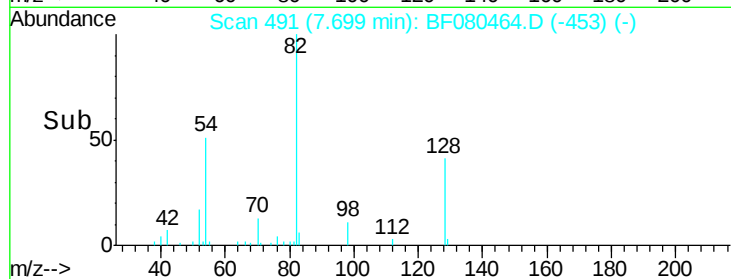
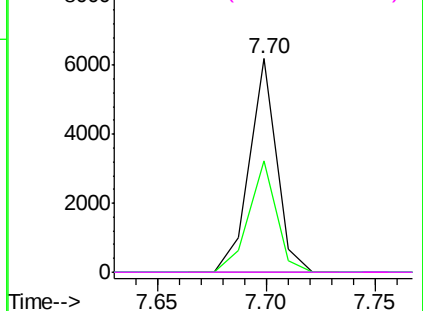
#19
n-Nitroso-di-n-propylamine
Concen: 11.25 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

Tgt Ion: 70 Resp: 5382
Ion Ratio Lower Upper
70 100
42 52.4 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

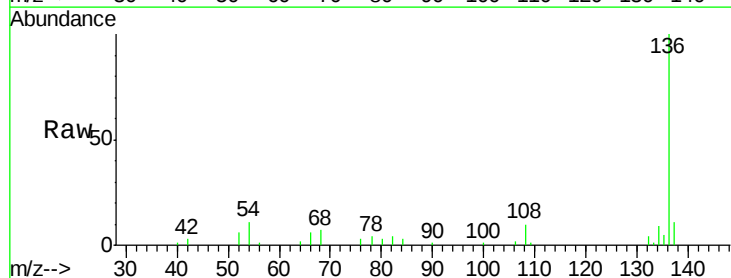


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

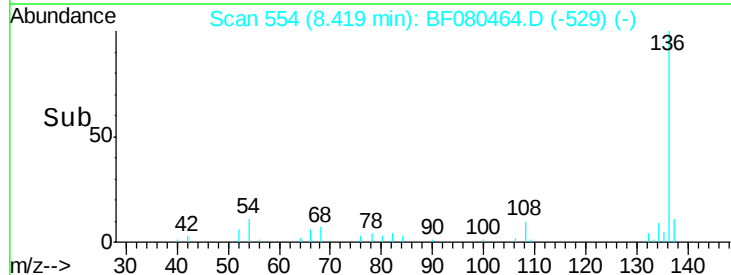
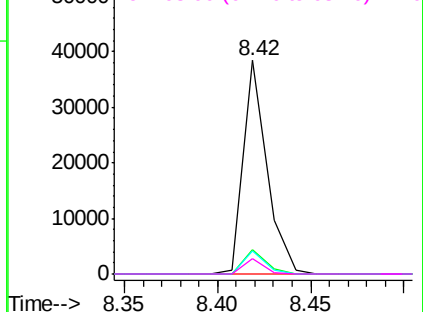


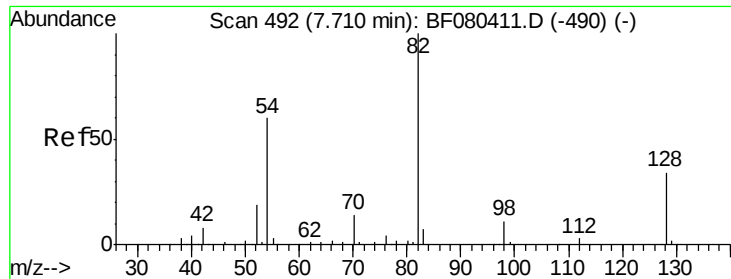
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Tgt Ion: 136 Resp: 33918
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.9 9.1 13.7
68 7.0 5.9 8.9



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

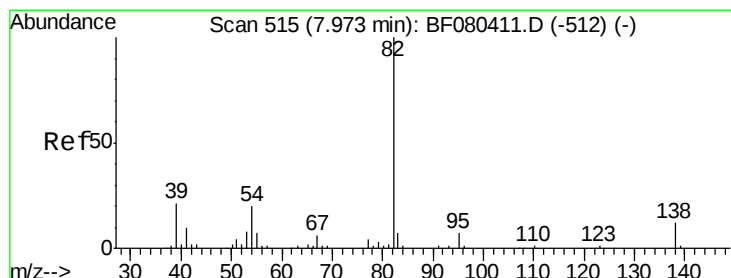
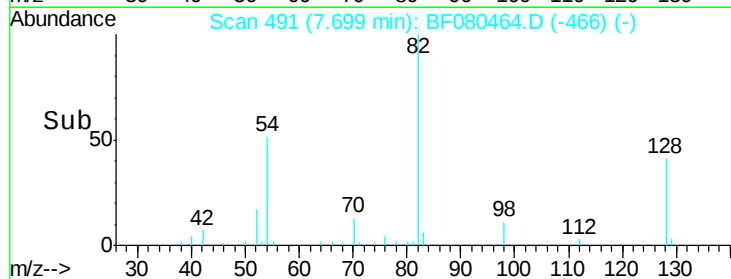
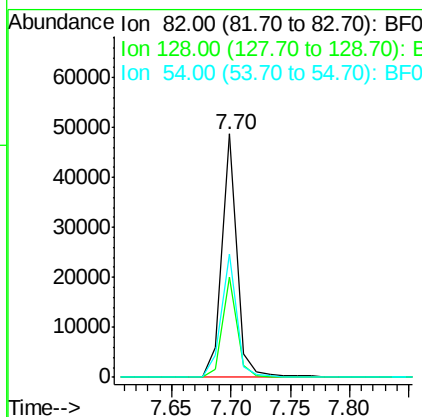
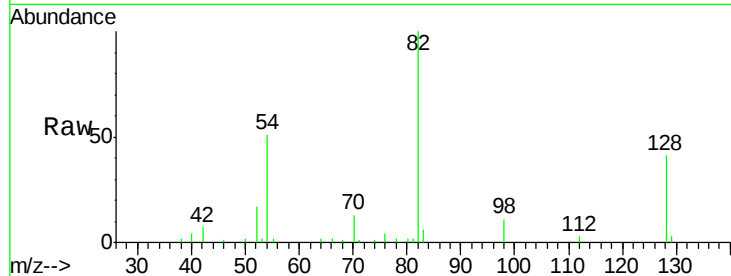




#23
Nitrobenzene-d5
Concen: 71.73 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

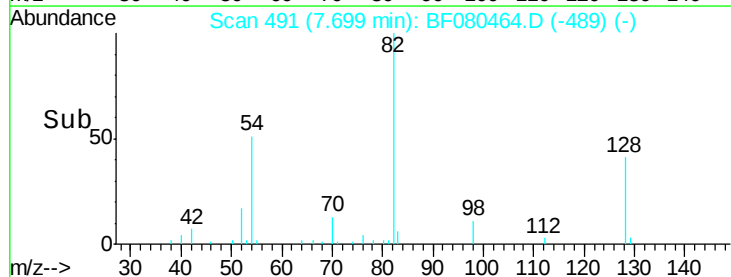
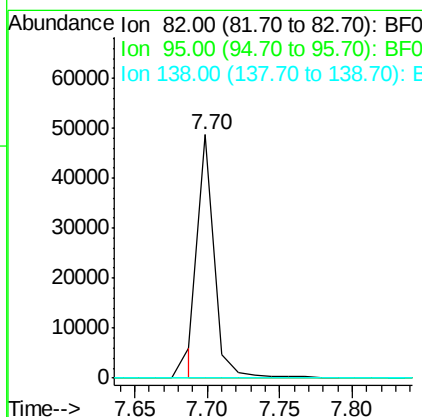
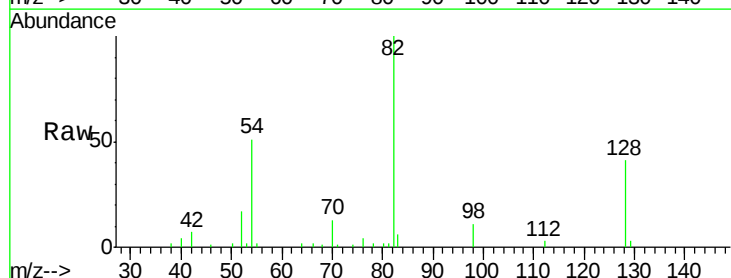
Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

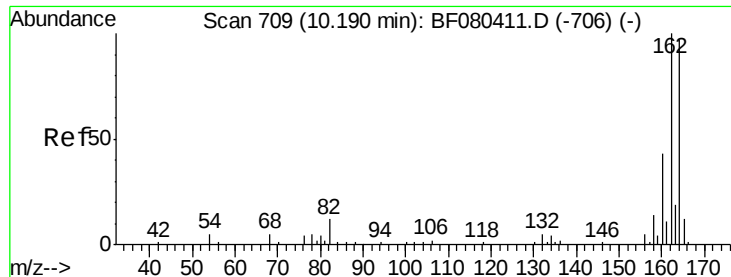
Tgt Ion: 82 Resp: 42659
Ion Ratio Lower Upper
82 100
128 41.0 26.9 40.3#
54 50.7 47.7 71.5



#25
Isophorone
Concen: 36.18 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.27 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Tgt Ion: 82 Resp: 38559
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#

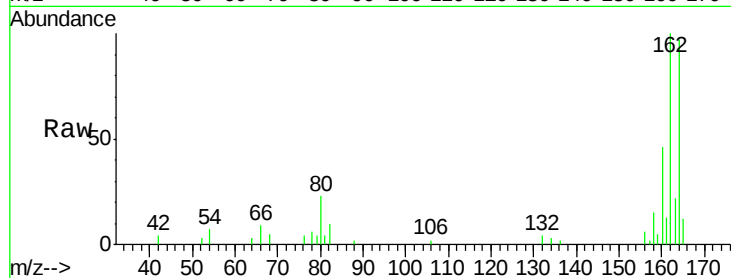




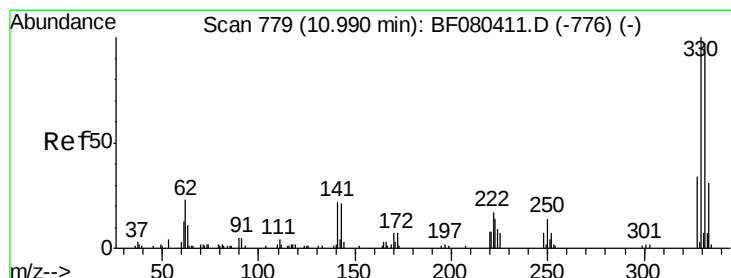
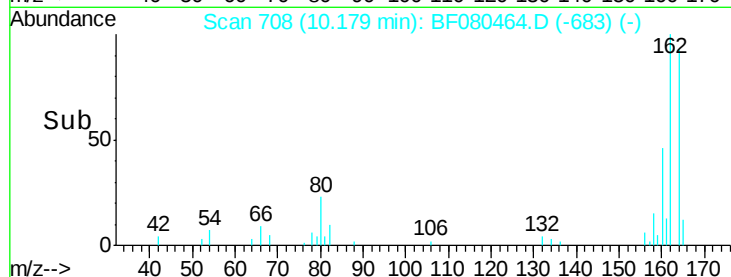
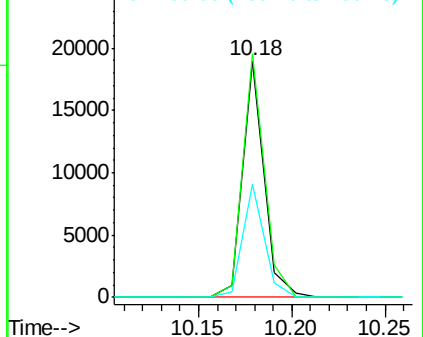
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF080464.D
 Acq: 14 Jul 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04

Tgt Ion:164 Resp: 15211
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.7 124.1
 160 47.6 35.5 53.3

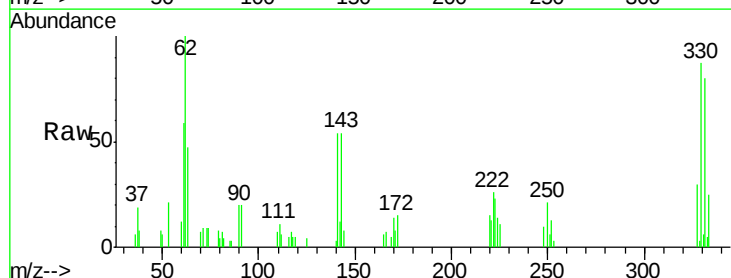


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

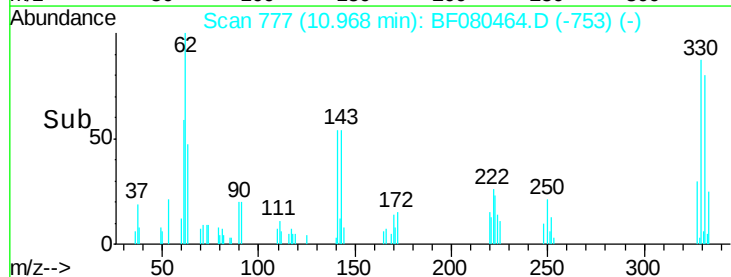
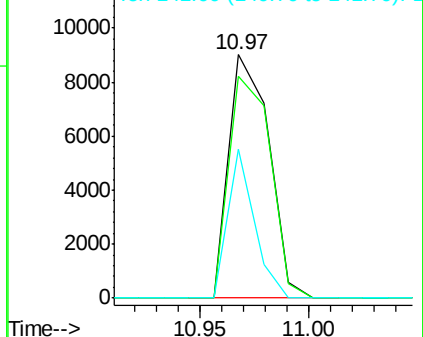


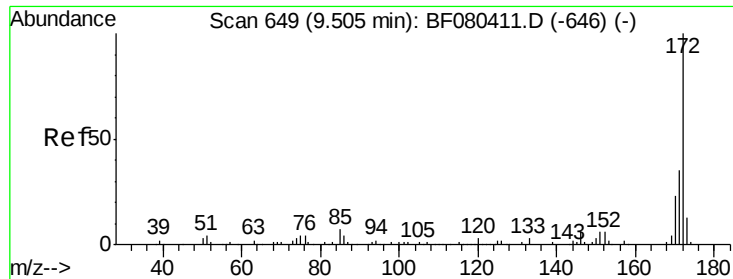
#41
 2,4,6-Tribromophenol
 Concen: 77.52 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080464.D
 Acq: 14 Jul 2015 12:53

Tgt Ion:330 Resp: 11509
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.0 117.0
 141 40.5 28.6 43.0



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

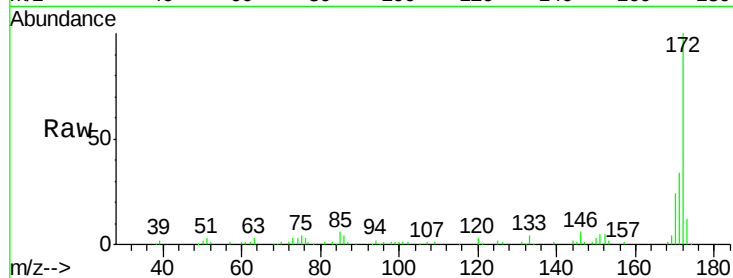




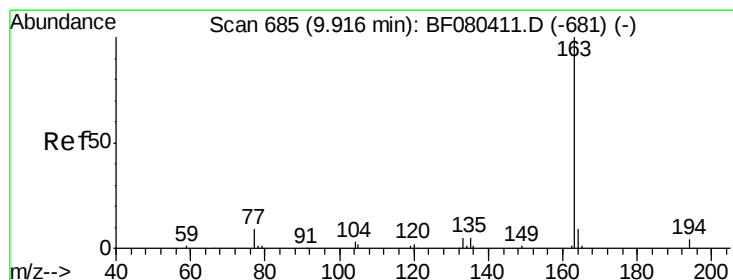
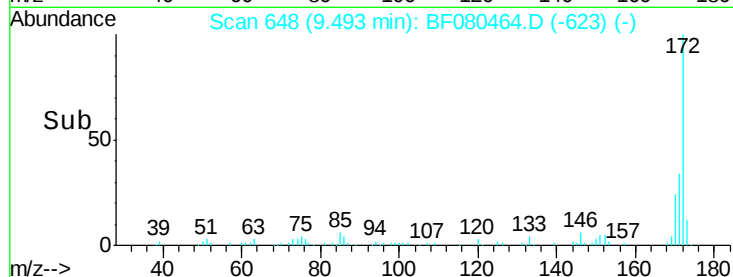
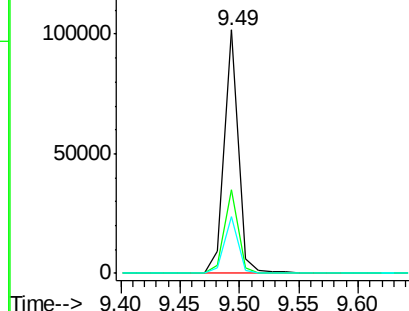
#44
 2-Fluorobiphenyl
 Concen: 72.87 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080464.D
 Acq: 14 Jul 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 DGA-SITE-04

Tgt Ion:172 Resp: 82296
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.4 42.6
 170 23.5 18.6 28.0

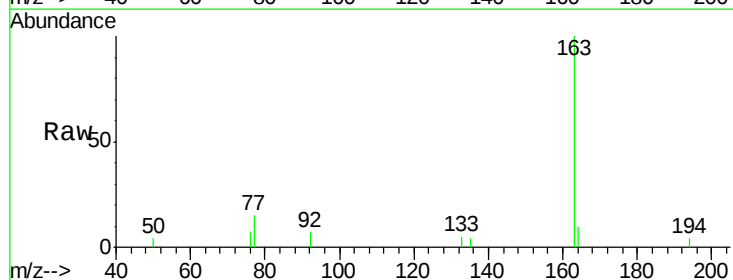


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

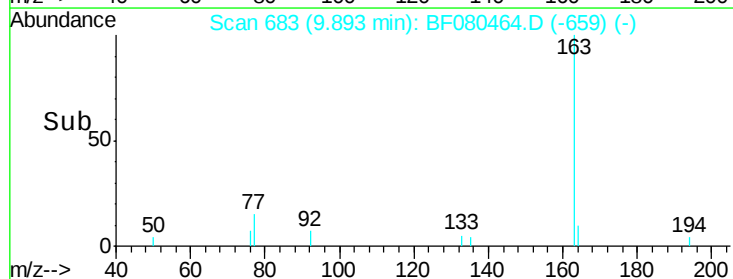
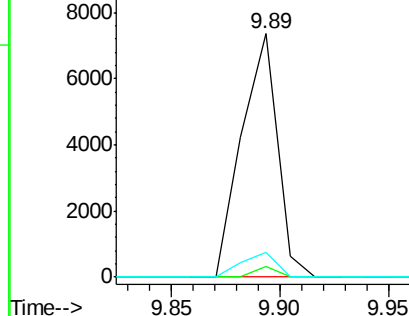


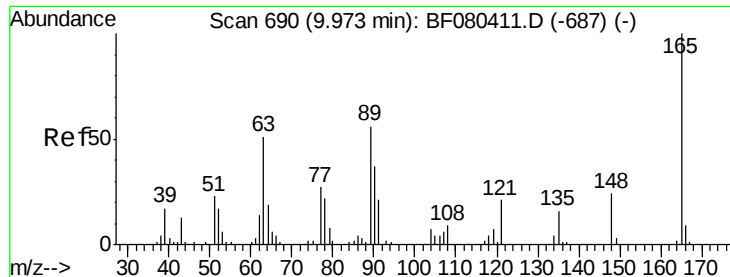
#49
 Dimethylphthalate
 Concen: 7.30 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF080464.D
 Acq: 14 Jul 2015 12:53

Tgt Ion:163 Resp: 8388
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.3 7.4 11.0



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

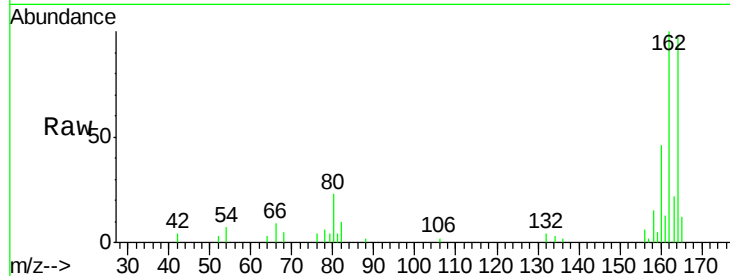




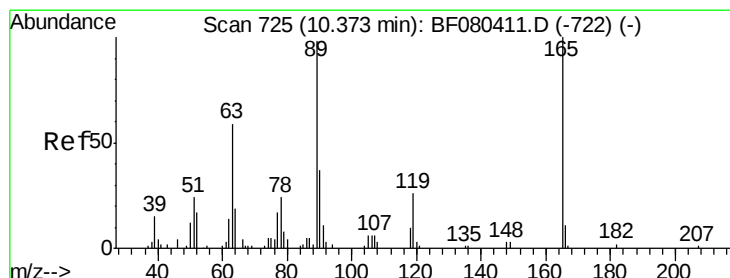
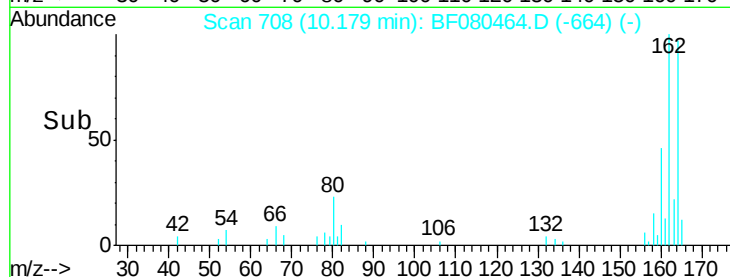
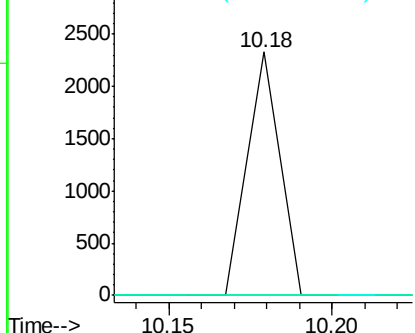
#50
2,6-Dinitrotoluene
Concen: 6.20 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.21 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

Tgt Ion:165 Resp: 1599
Ion Ratio Lower Upper
165 100
63 0.0 44.5 66.7#
89 0.0 44.5 66.7#

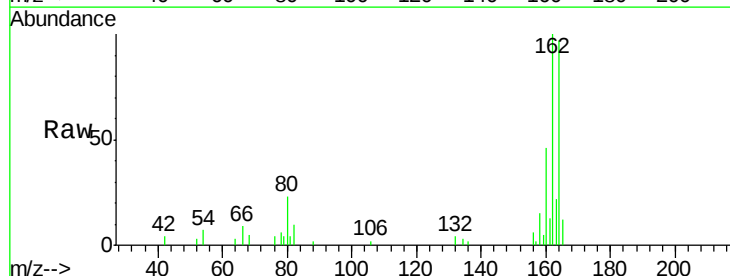


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

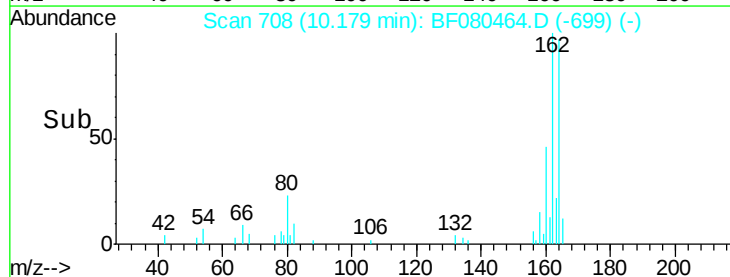
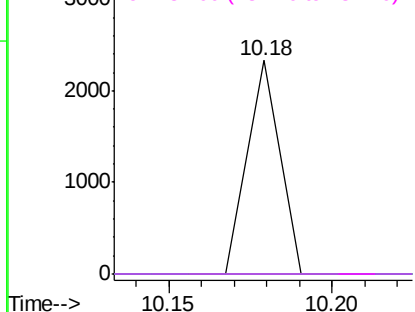


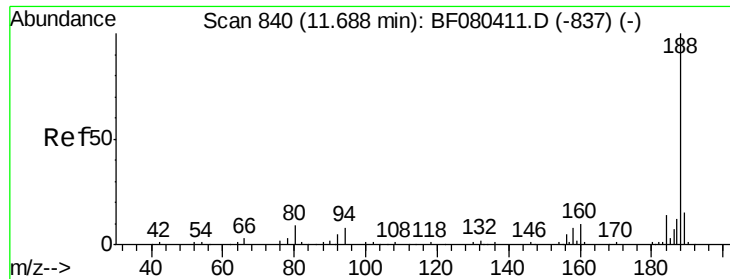
#56
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.19 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Tgt Ion:165 Resp: 1599
Ion Ratio Lower Upper
165 100
63 0.0 51.7 77.5#
89 0.0 78.6 117.8#
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

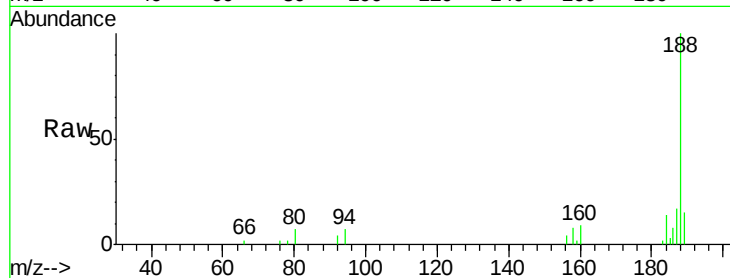




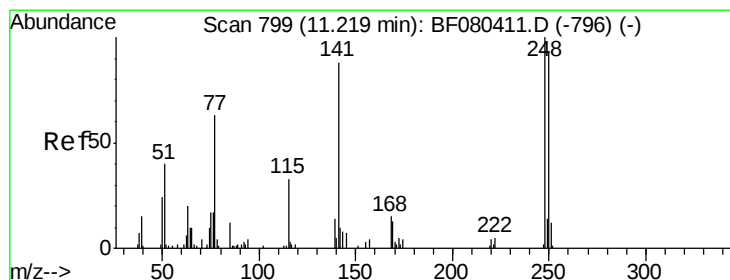
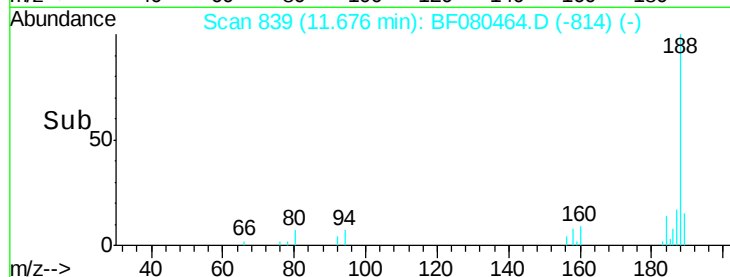
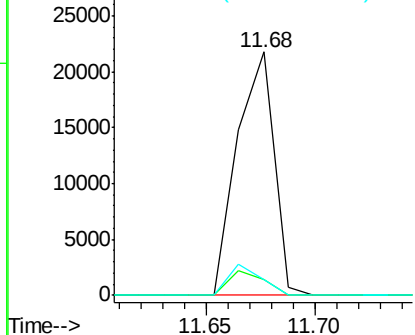
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

Tgt Ion:188 Resp: 25584
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 6.5 7.5 11.3#

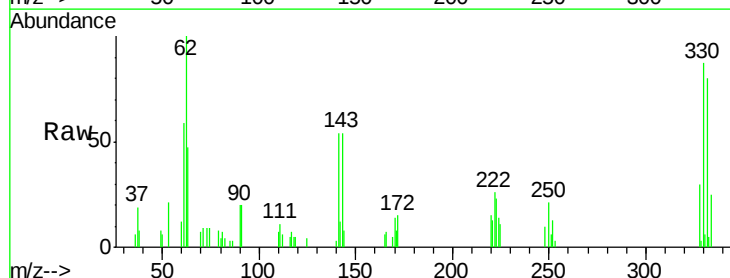


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

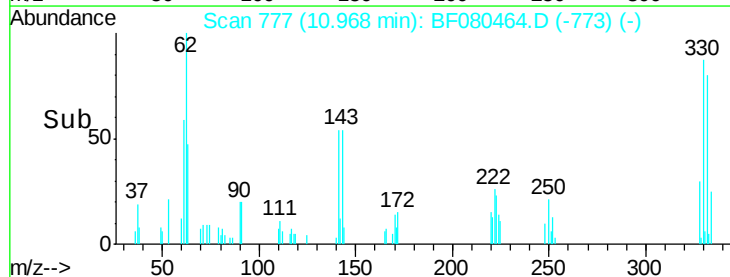
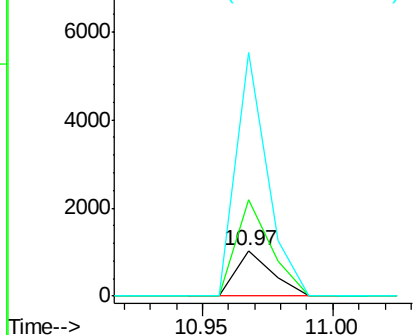


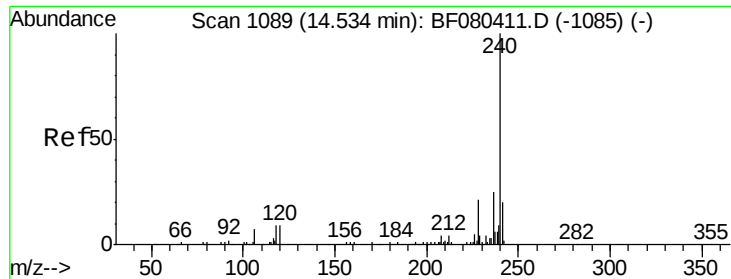
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.25 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Tgt Ion:248 Resp: 987
Ion Ratio Lower Upper
248 100
250 212.4 74.2 111.4#
141 533.2 70.7 106.1#



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

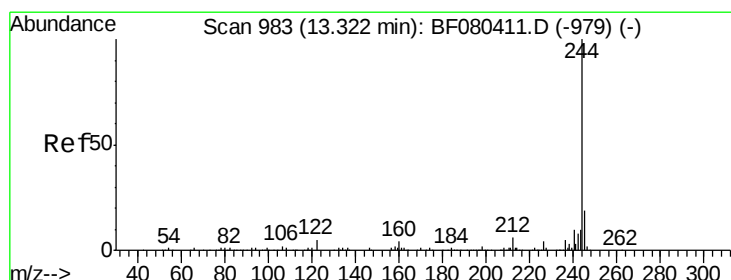
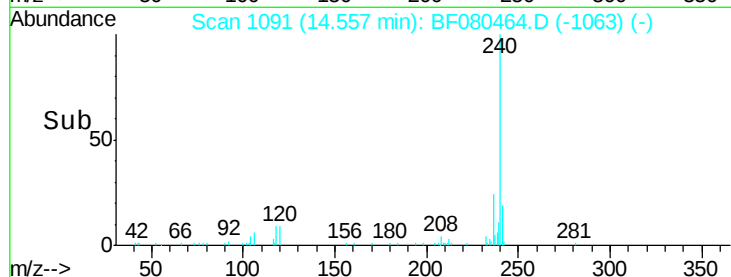
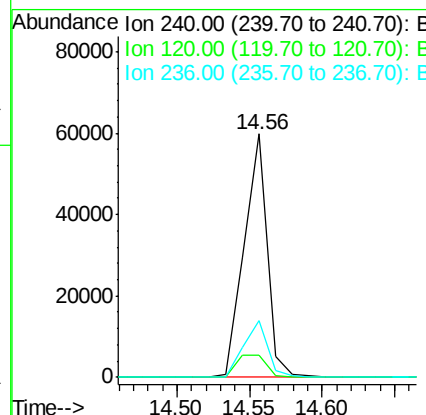
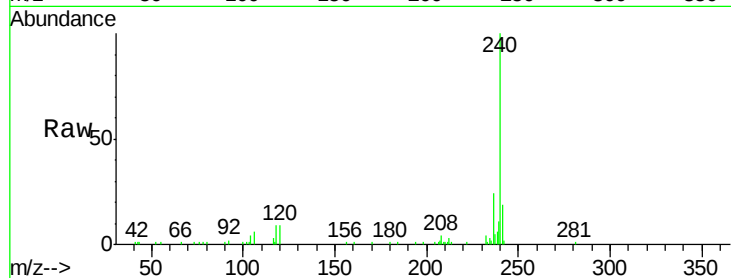




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.02 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

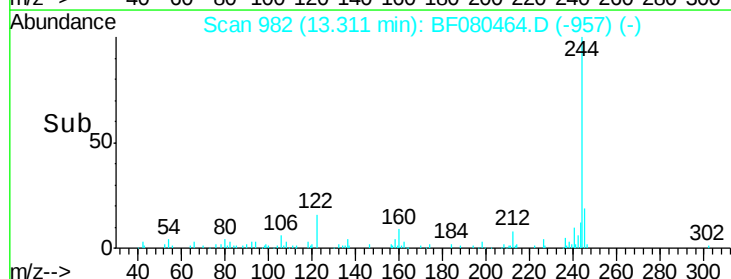
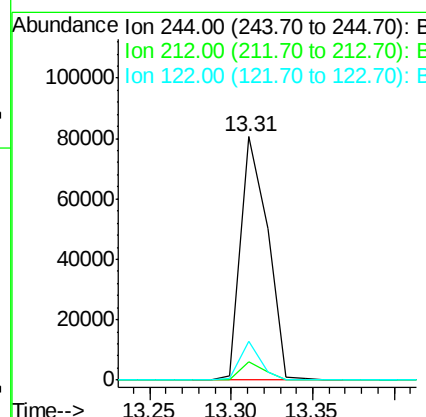
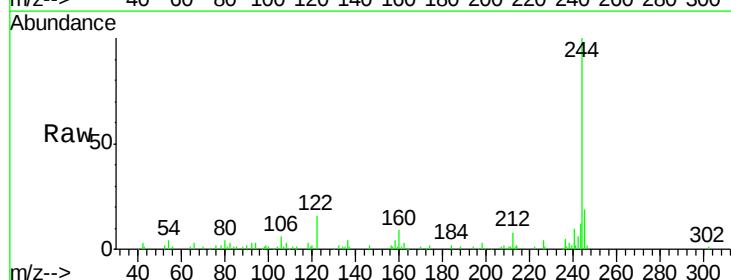
Instrument :
BNA_F
ClientSampleId :
DGA-SITE-04

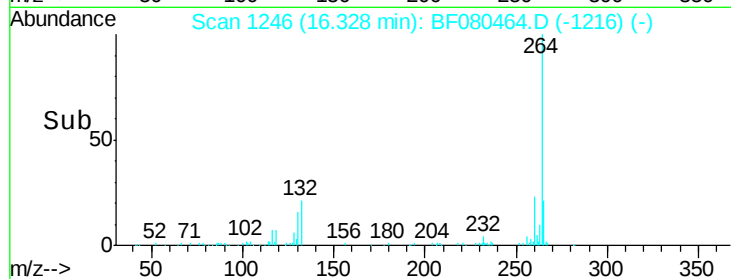
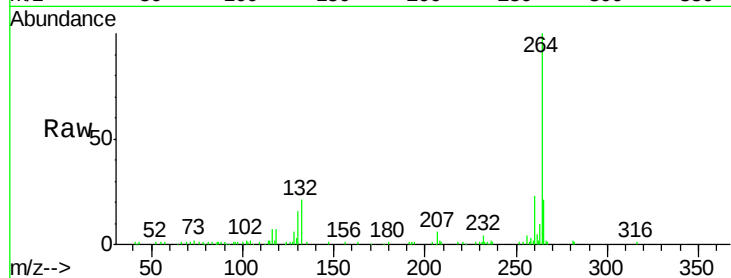
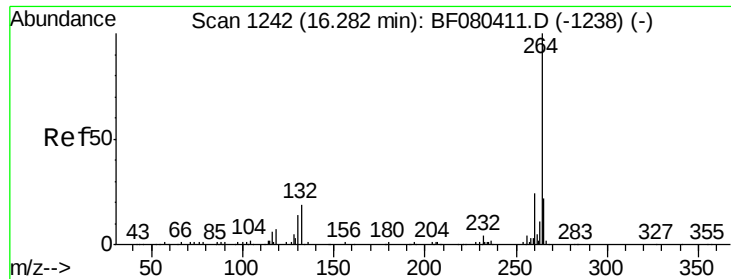
Tgt Ion:240 Resp: 65925
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.2
236 23.5 19.7 29.5



#78
Terphenyl-d14
Concen: 30.22 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF080464.D
Acq: 14 Jul 2015 12:53

Tgt Ion:244 Resp: 91722
Ion Ratio Lower Upper
244 100
212 7.7 4.9 7.3#
122 16.0 4.1 6.1#





#86

Perylene-d12

Concen: 20.00 ng

RT: 16.33 min Scan# 1246

Delta R.T. 0.05 min

Lab File: BF080464.D

Acq: 14 Jul 2015 12:53

Instrument :

BNA_F

ClientSampleId :

DGA-SITE-04

Tgt Ion: 264 Resp: 95134

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 21.4 17.8 26.8

