

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083496.D
 Acq On : 4 Dec 2015 9:34
 Operator : UM/IZ
 Sample : G4588-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 10:37:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

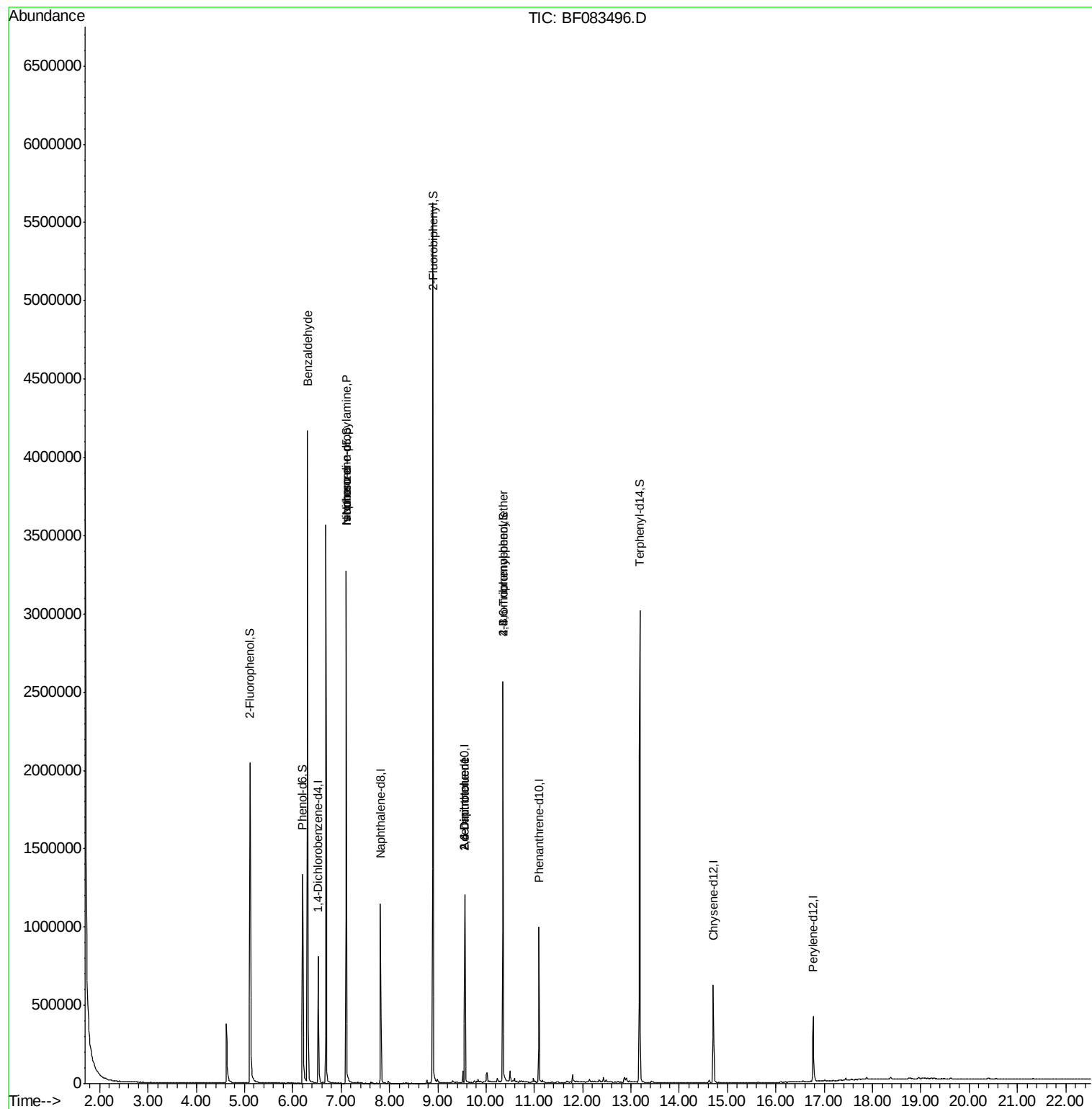
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	147731	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	546526	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	244717	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	392421	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	326126	20.00	ng	-0.06
86) Perylene-d12	16.77	264	252146	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	665195	67.57	ng	-0.01
7) Phenol-d6	6.20	99	562128	41.72	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1179283	94.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	297249	121.00	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1687978	98.30	ng	-0.02
78) Terphenyl-d14	13.19	244	1359605	99.42	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	29367	2.67	ng	# 78
19) n-Nitroso-di-n-propylamine	7.10	70	160472	16.66	ng	# 81
25) Isophorone	7.10	82	920141	38.21	ng	# 70
50) 2,6-Dinitrotoluene	9.56	165	32351	7.62	ng	# 19
56) 2,4-Dinitrotoluene	9.56	165	32351	6.00	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	21742	5.06	ng	# 1

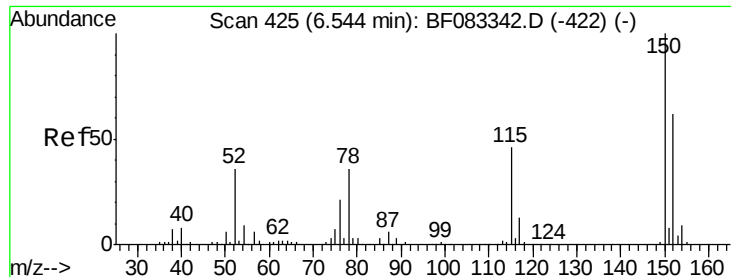
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083496.D
Acq On : 4 Dec 2015 9:34
Operator : UM/IZ
Sample : G4588-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 04 10:37:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

Instrument :

BNA_F

ClientSampleId :

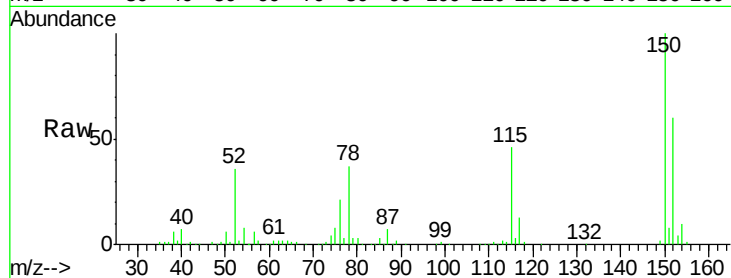
Tot Ion:152 Resp: 147731

Ion Ratio Lower Upper

152 100

150 166.7 129.8 194.8

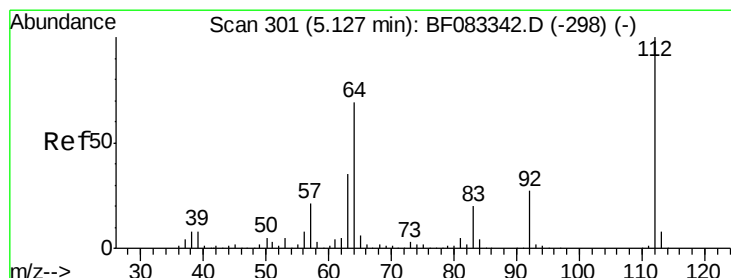
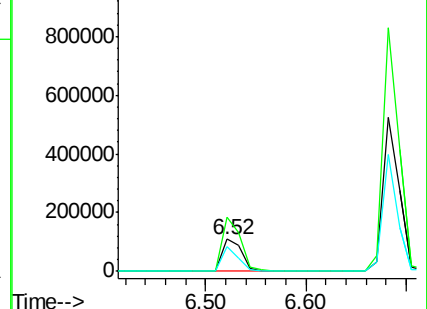
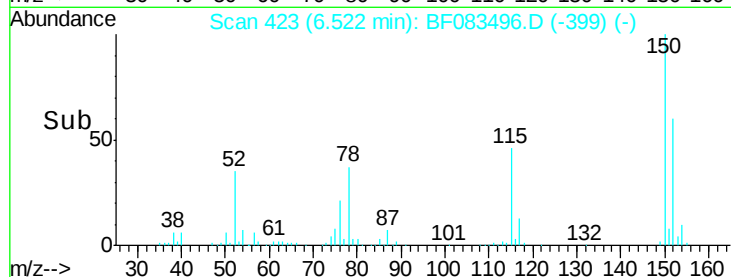
115 76.2 59.2 88.8



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: 67.57 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

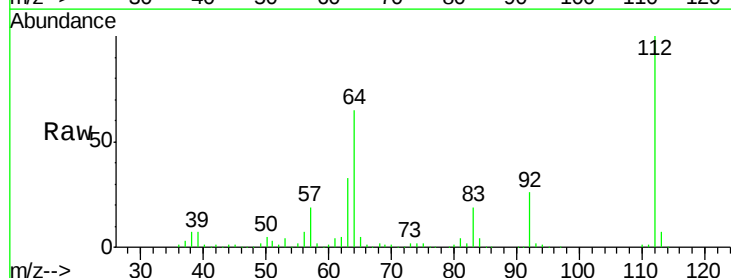
Tgt Ion:112 Resp: 665195

Ion Ratio Lower Upper

112 100

64 64.8 55.6 83.4

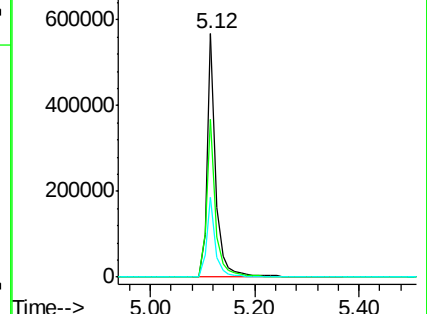
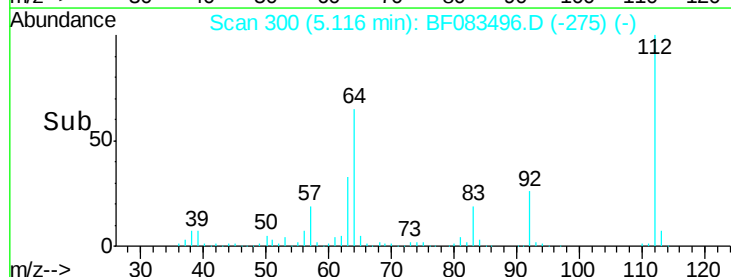
63 32.7 28.2 42.2

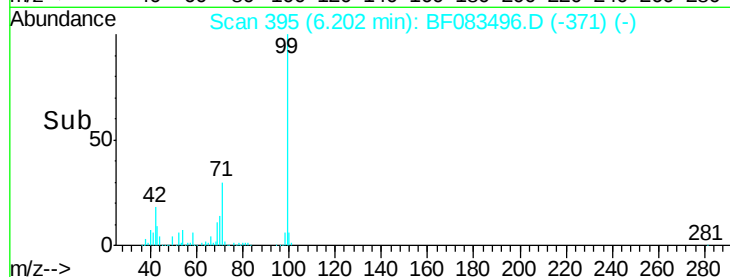
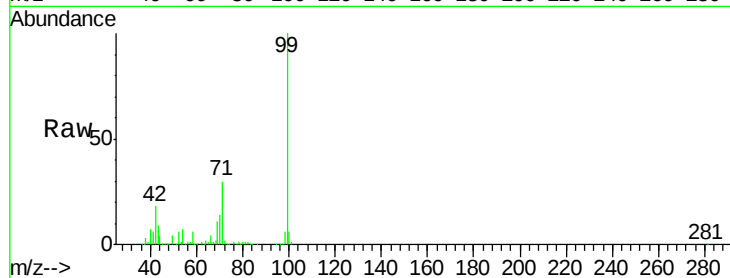
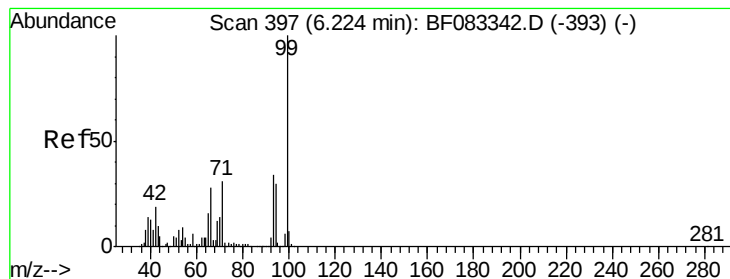


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.72 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

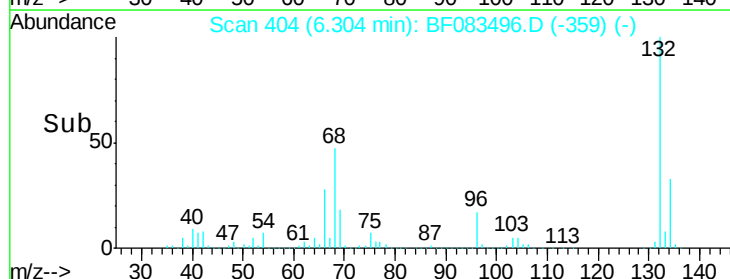
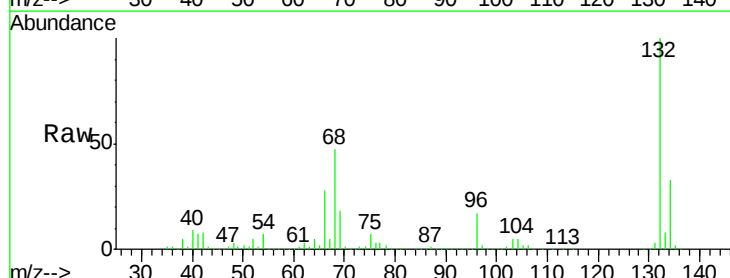
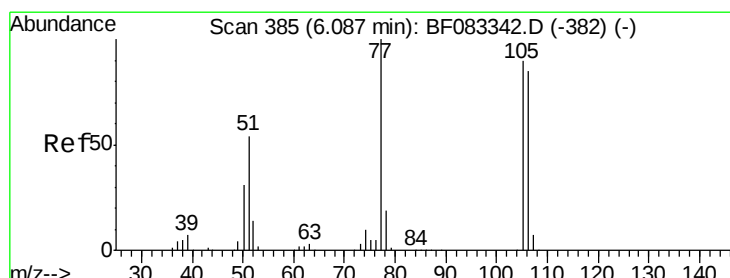
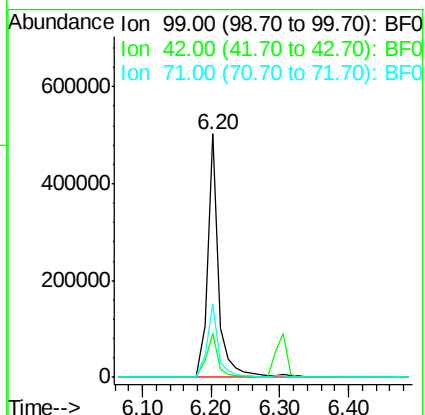
Tot Ion: 99 Resp: 562128

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 30.2 24.7 37.1



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

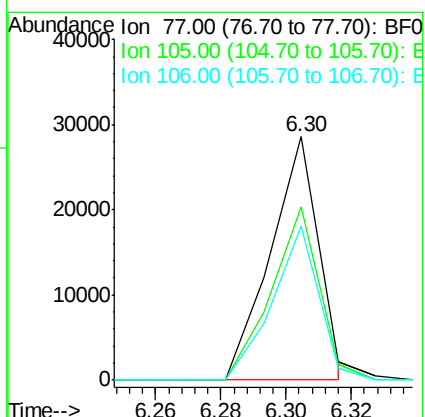
Tgt Ion: 77 Resp: 29367

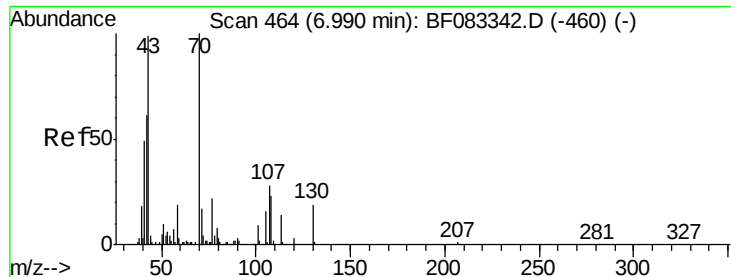
Ion Ratio Lower Upper

77 100

105 70.9 70.0 110.0

106 63.1 65.0 105.0#





#19

n-Nitroso-di-n-propylamine

Concen: 16.66 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 160472

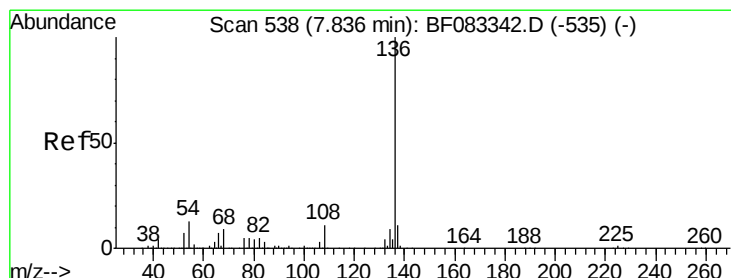
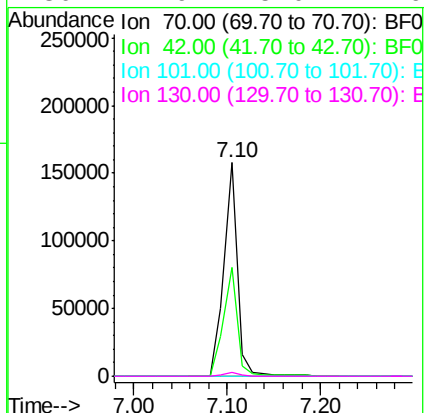
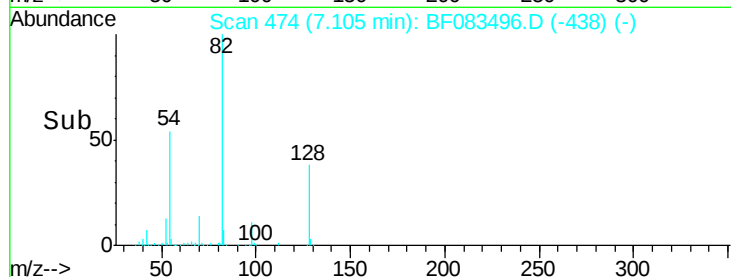
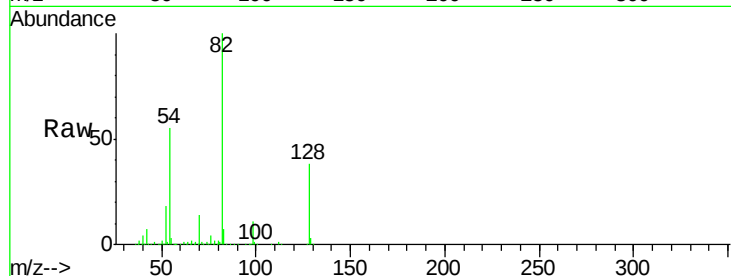
Ion Ratio Lower Upper

70 100

42 51.0 48.8 73.2

101 0.0 7.1 10.7#

130 1.9 15.0 22.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083496.D

Acq: 4 Dec 2015 9:34

Tgt Ion: 136 Resp: 546526

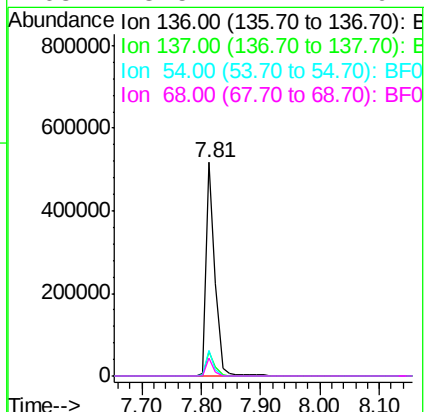
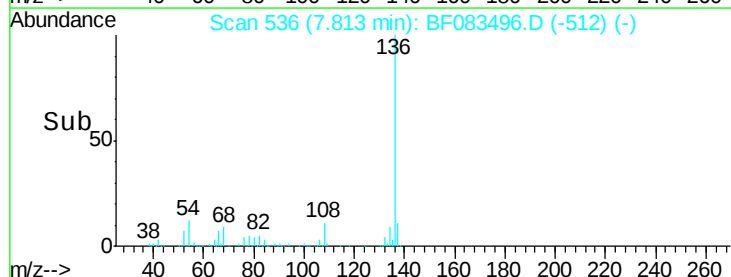
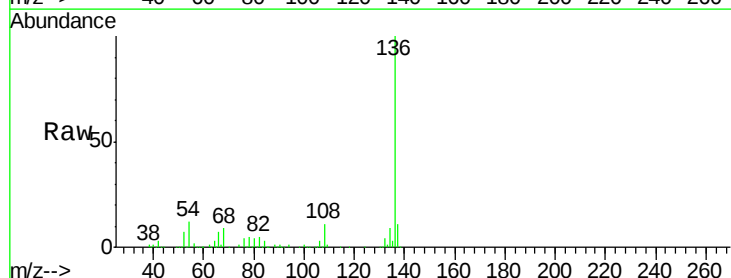
Ion Ratio Lower Upper

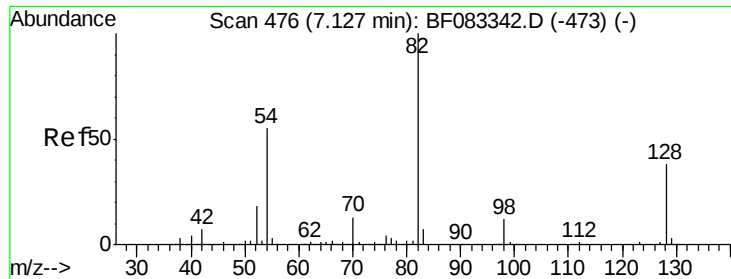
136 100

137 11.4 9.0 13.4

54 12.2 10.1 15.1

68 8.5 7.1 10.7

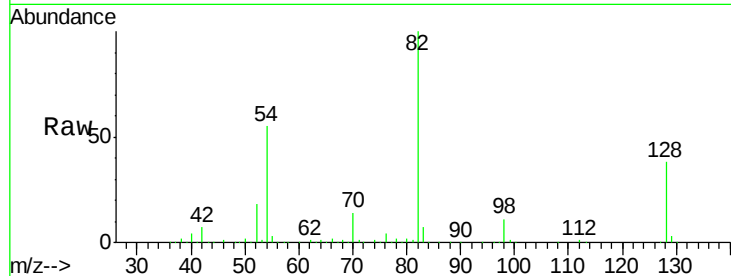




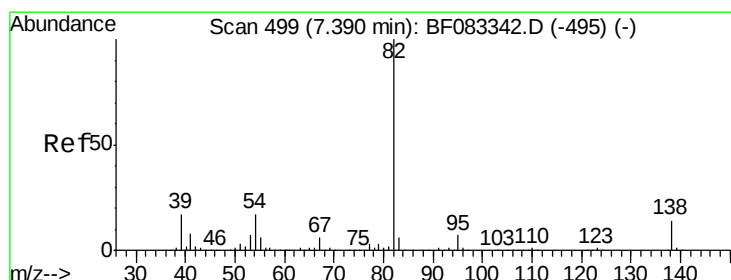
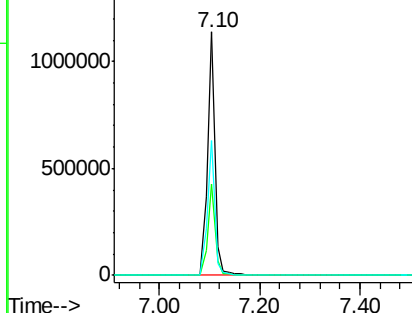
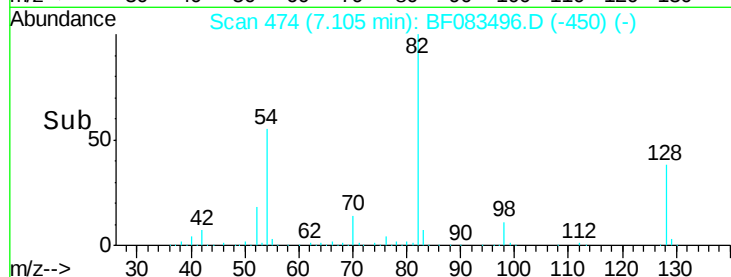
#23
Nitrobenzene-d5
Concen: 94.85 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1179283
Ion Ratio Lower Upper
82 100
128 37.6 30.6 46.0
54 55.3 43.8 65.6

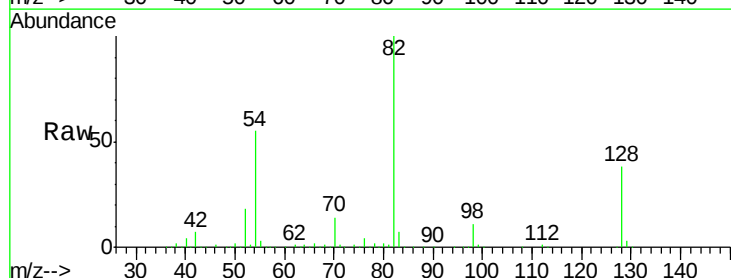


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

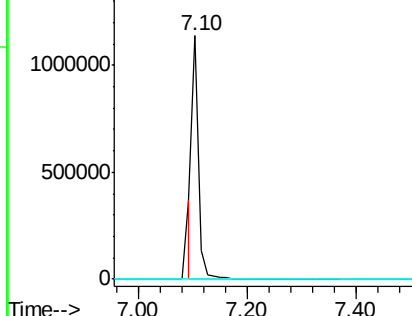
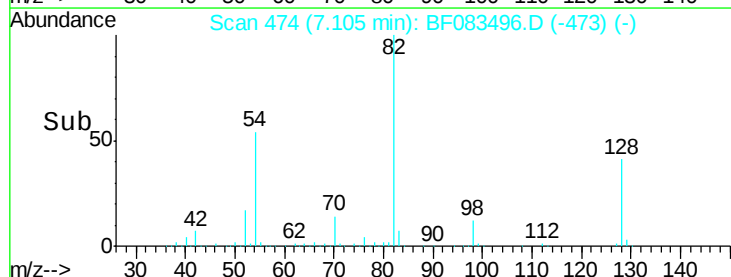


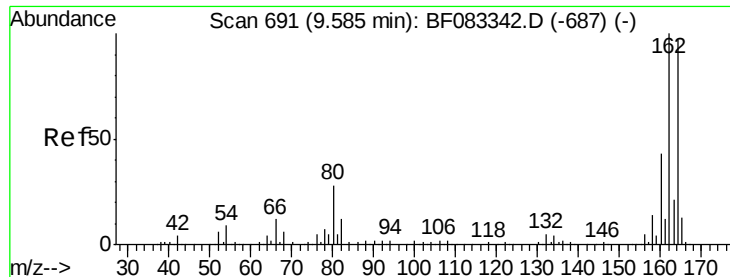
#25
Isophorone
Concen: 38.21 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Tgt Ion: 82 Resp: 920141
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 11.6 17.4#



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

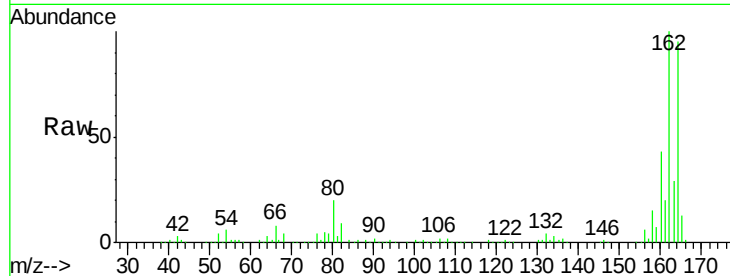




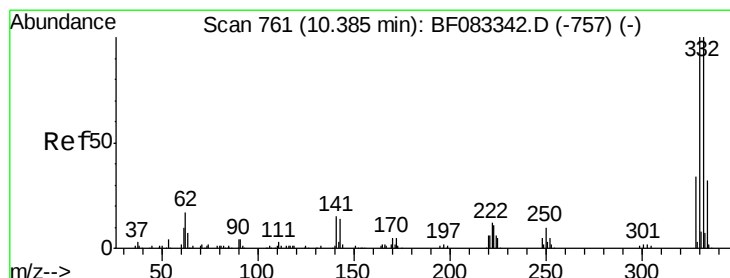
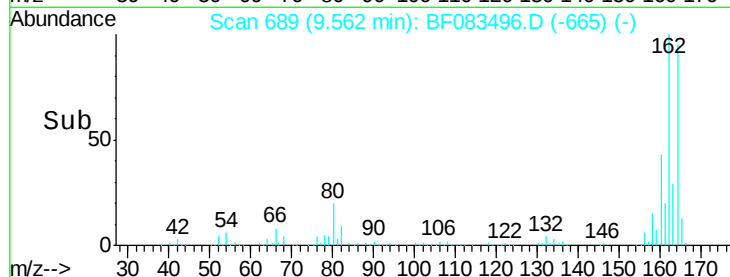
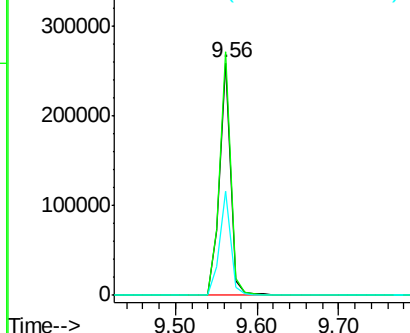
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 244717
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.9 35.3 52.9

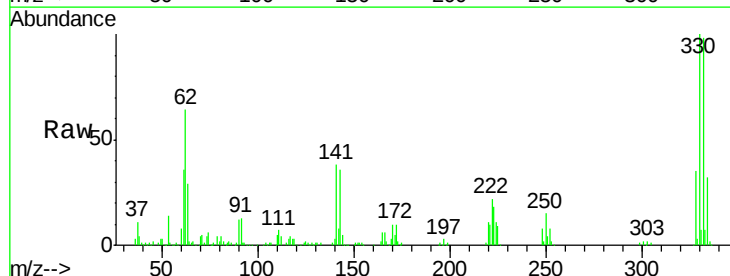


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

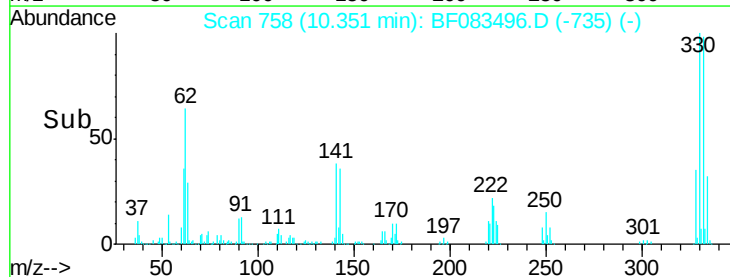
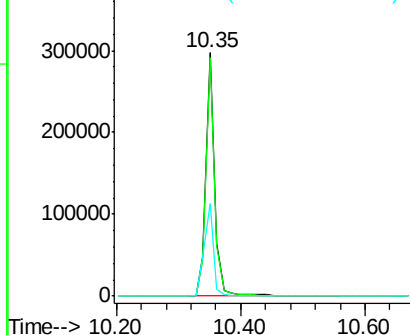


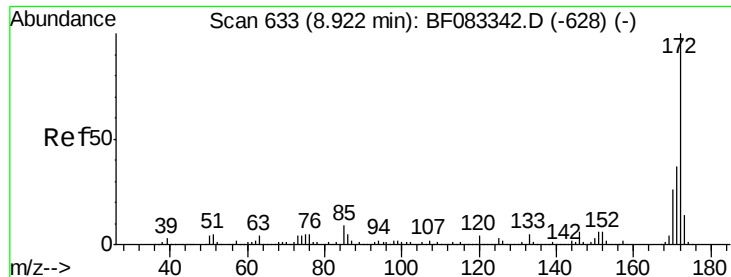
#41
 2,4,6-Tribromophenol
 Concen: 121.00 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Tgt Ion:330 Resp: 297249
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 40.6 29.4 44.0



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

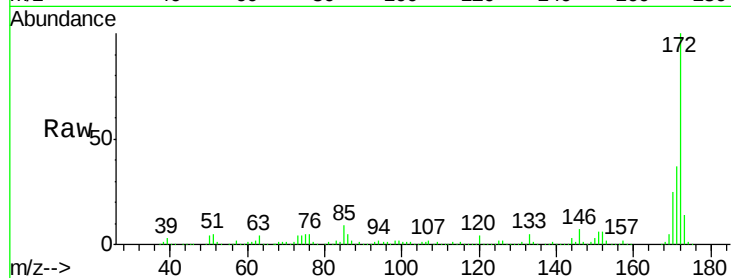




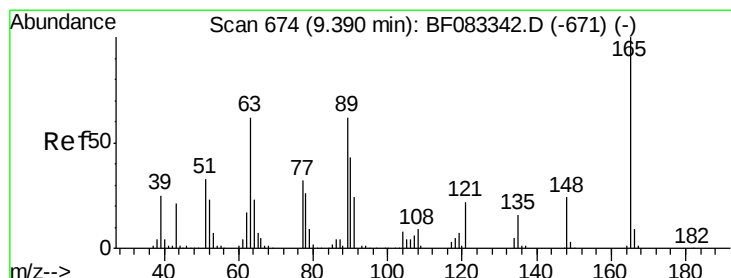
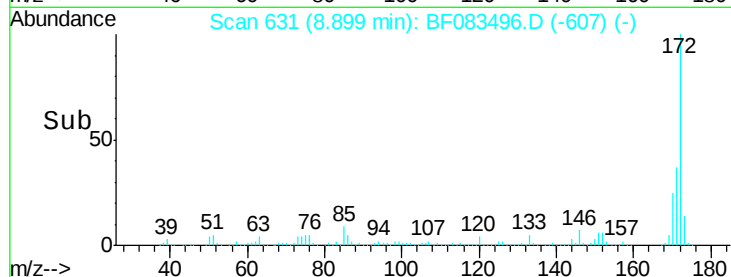
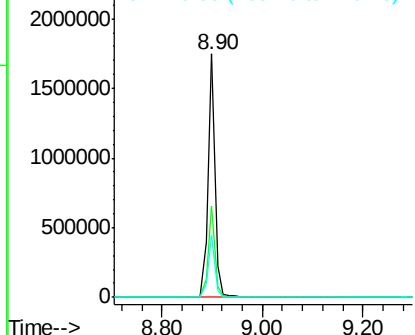
#44
2-Fluorobiphenyl
Concen: 98.30 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1687978
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 25.4 20.4 30.6

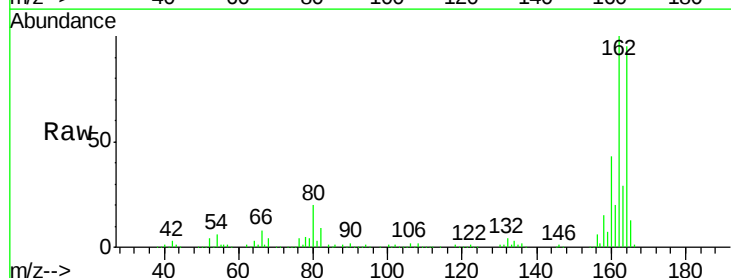


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

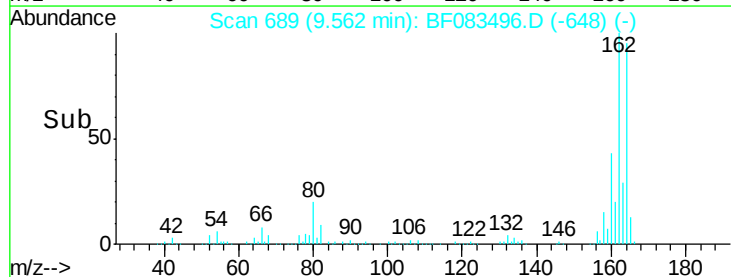
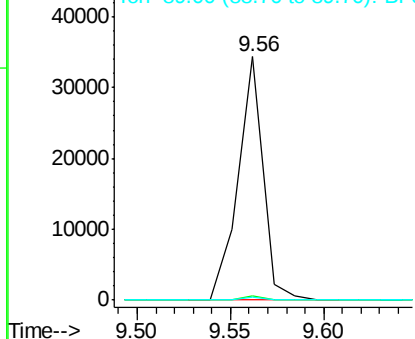


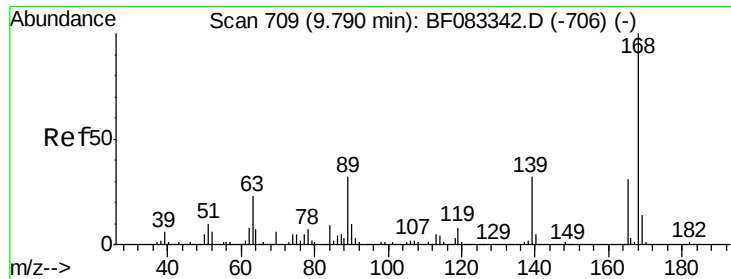
#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Tgt Ion:165 Resp: 32351
Ion Ratio Lower Upper
165 100
63 1.9 56.0 84.0#
89 1.4 49.8 74.8#



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

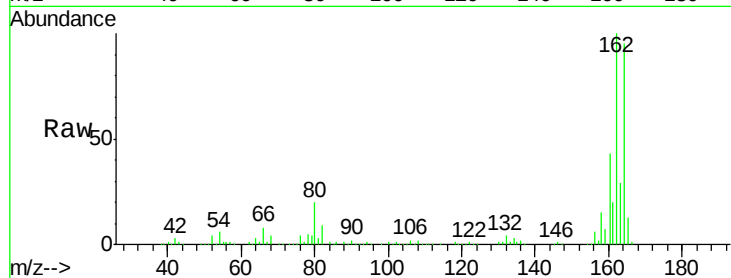




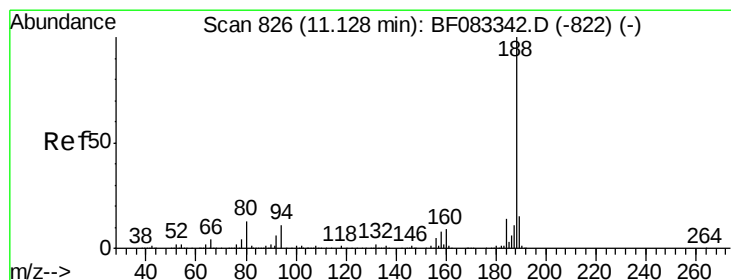
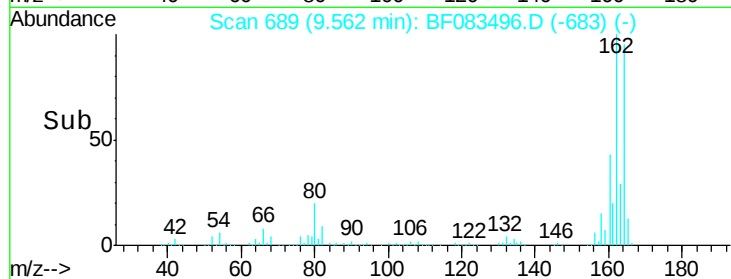
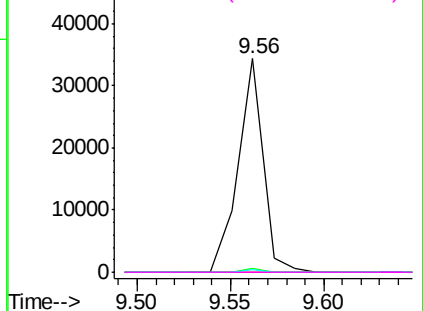
#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.23 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 32351
 Ion Ratio Lower Upper
 165 100
 63 1.9 65.4 98.0#
 89 1.4 81.2 121.8#
 182 0.0 1.8 2.8#

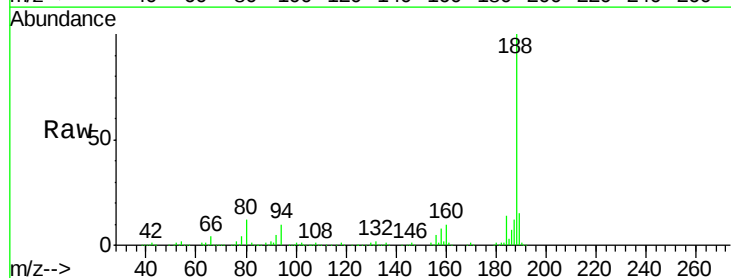


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

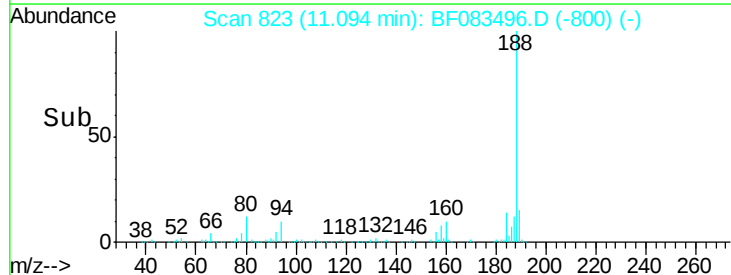
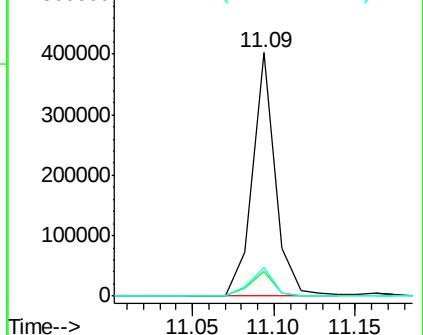


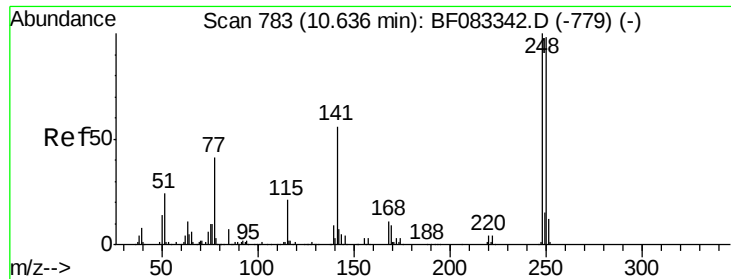
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Tgt Ion:188 Resp: 392421
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 11.7 10.3 15.5



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

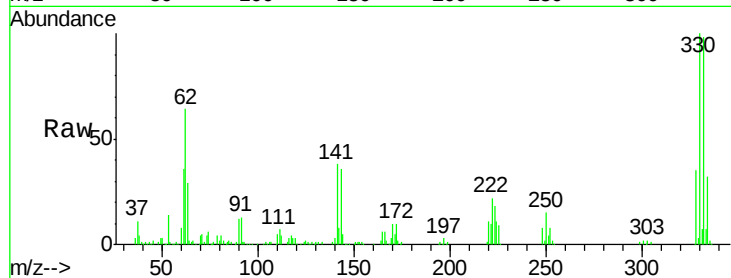




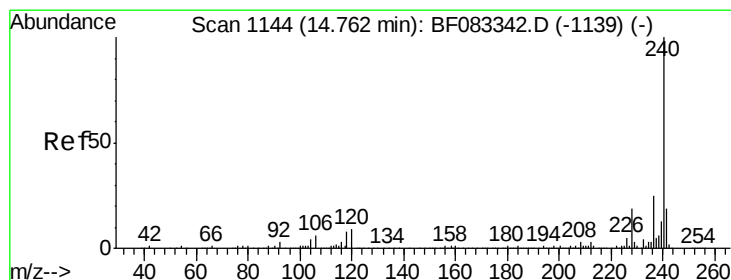
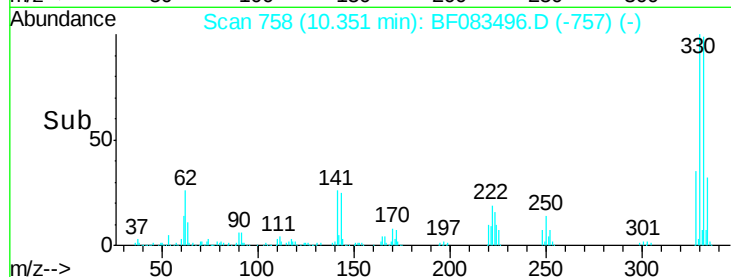
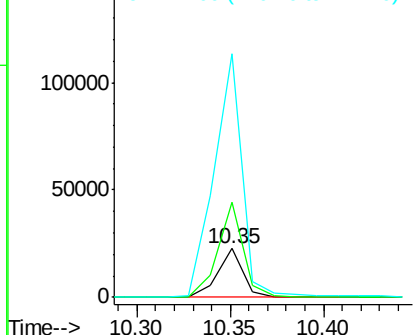
#66
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21742
Ion Ratio Lower Upper
248 100
250 196.5 78.6 118.0#
141 500.0 44.4 66.6#

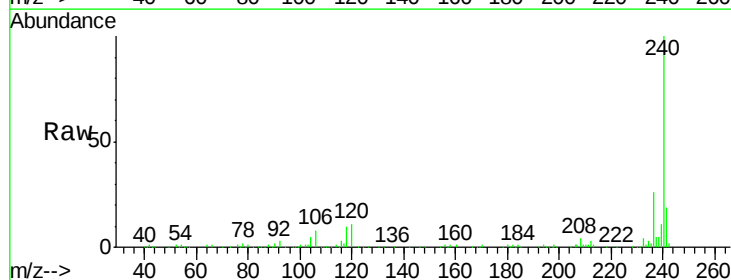


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

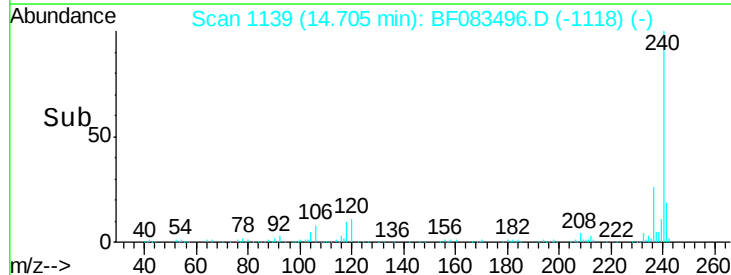
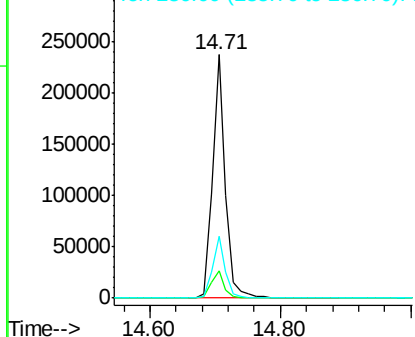


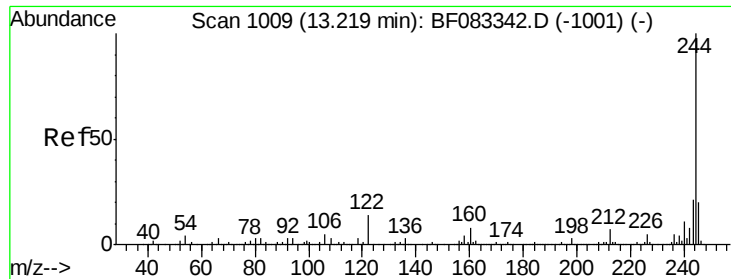
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083496.D
Acq: 4 Dec 2015 9:34

Tgt Ion:240 Resp: 326126
Ion Ratio Lower Upper
240 100
120 11.4 6.9 10.3#
236 25.5 19.8 29.6



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

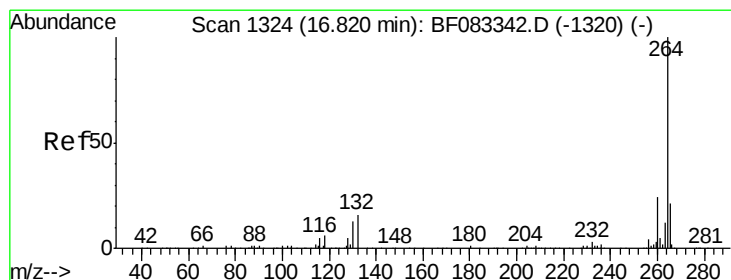
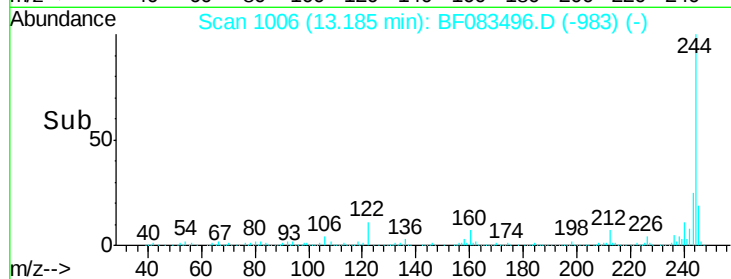
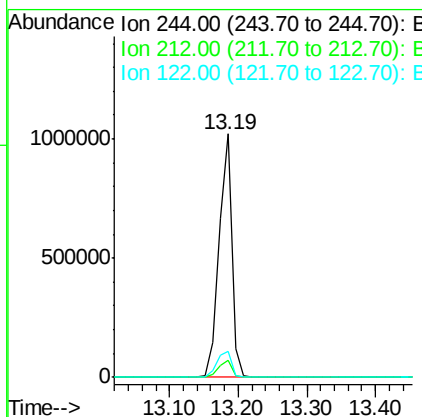
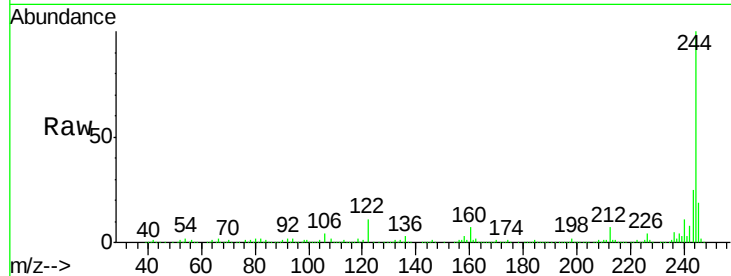




#78
 Terphenyl-d14
 Concen: 99.42 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1359605
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083496.D
 Acq: 4 Dec 2015 9:34

Tgt Ion:264 Resp: 252146
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.8 16.8 25.2

