

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083370.D
 Acq On : 1 Dec 2015 9:19
 Operator : UM/IZ
 Sample : G4538-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:12:42 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

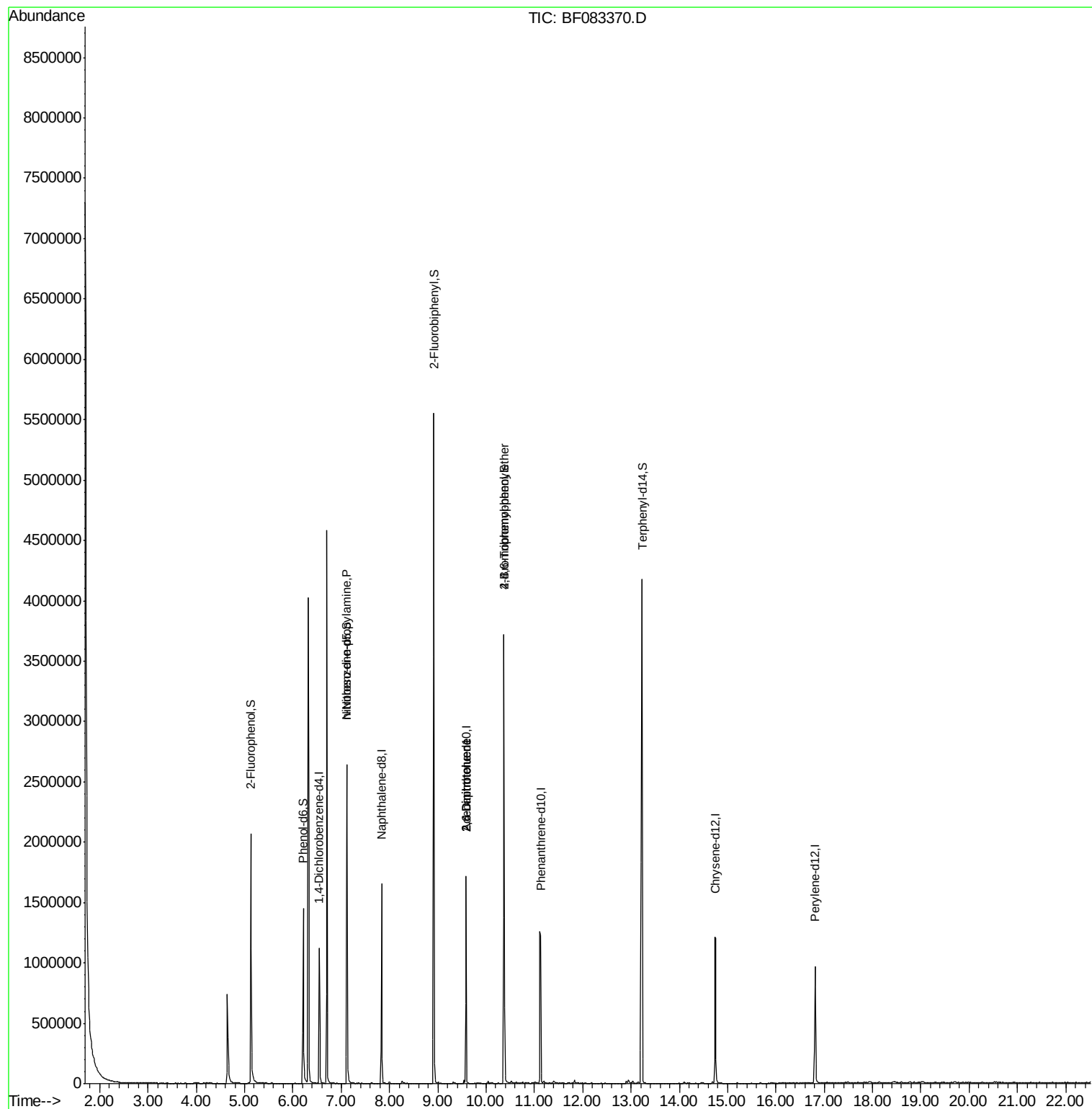
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	180065	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	699846	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	372266	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	717156	20.00	ng	0.00
75) Chrysene-d12	14.75	240	724015	20.00	ng	-0.01
86) Perylene-d12	16.81	264	580883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	715265	59.61	ng	0.00
7) Phenol-d6	6.21	99	573034	34.89	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1302196	81.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	424787	113.67	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2184015	83.60	ng	0.00
78) Terphenyl-d14	13.23	244	2369067	78.03	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	172716	14.71	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	46895	7.26	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	46895	5.72	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	24596	3.14	ng	# 1

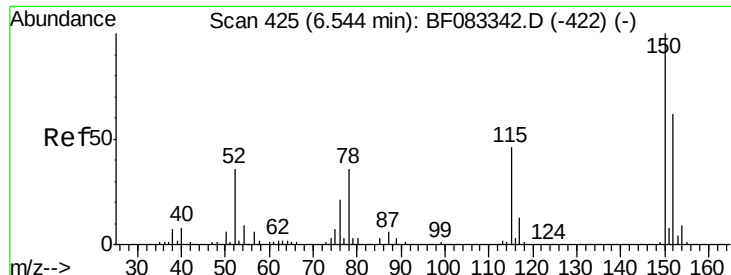
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

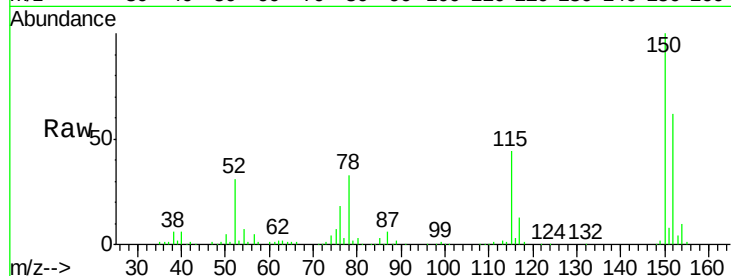
Tot Ion:152 Resp: 180065

Ion Ratio Lower Upper

152 100

150 160.0 129.8 194.8

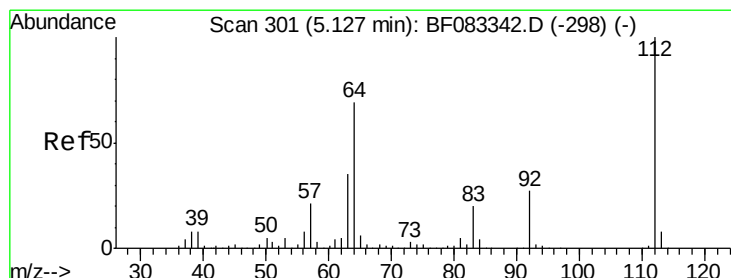
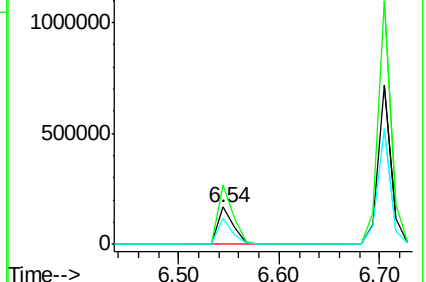
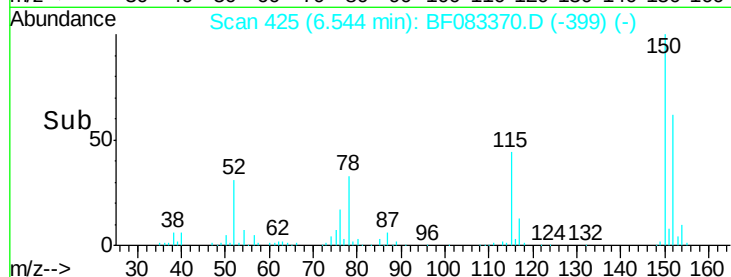
115 70.2 59.2 88.8



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: 59.61 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

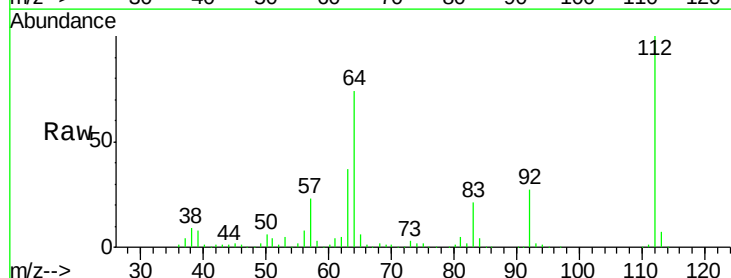
Tgt Ion:112 Resp: 715265

Ion Ratio Lower Upper

112 100

64 74.5 55.6 83.4

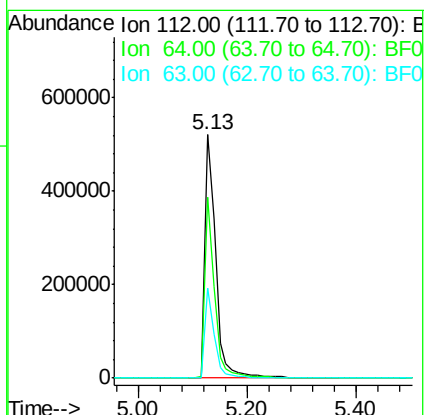
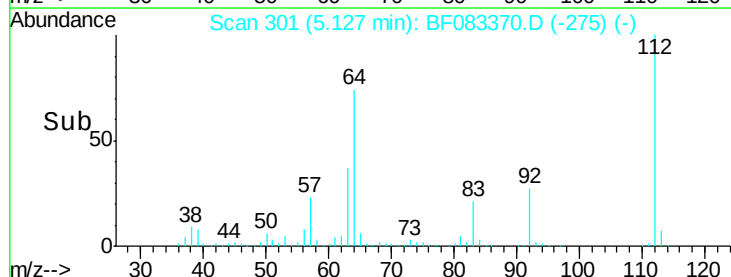
63 36.9 28.2 42.2

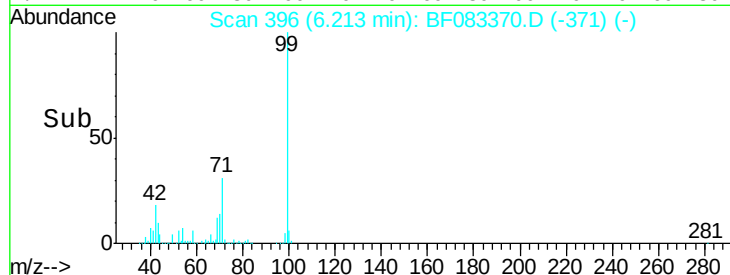
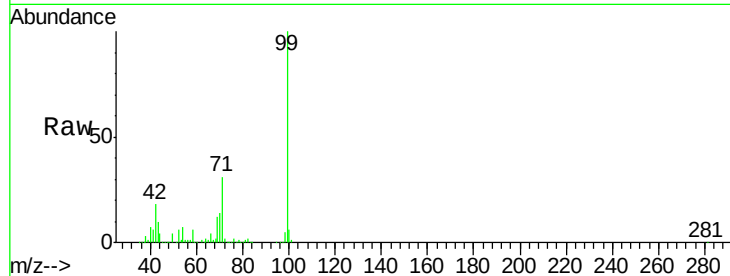
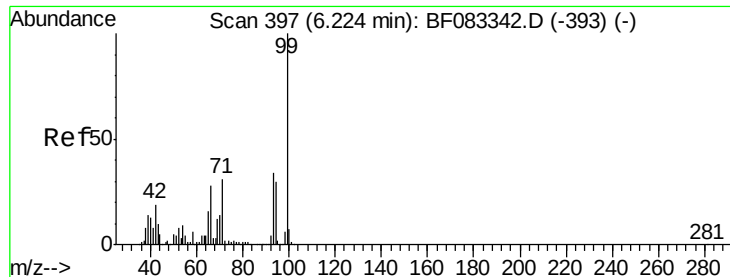


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.89 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

Instrument :

BNA_F

ClientSampleId :

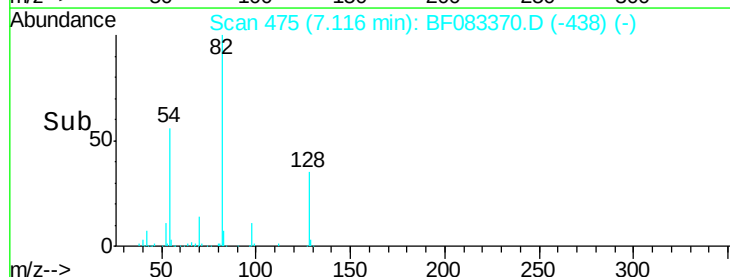
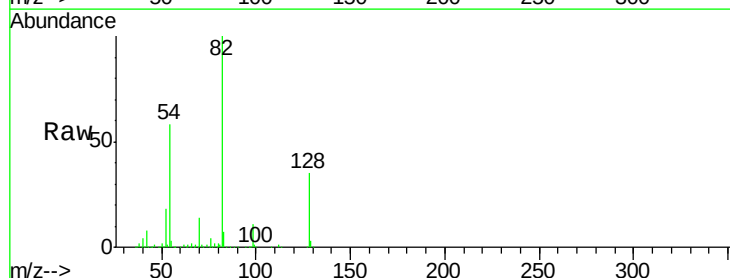
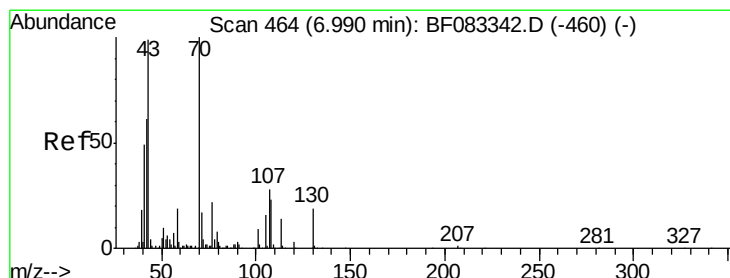
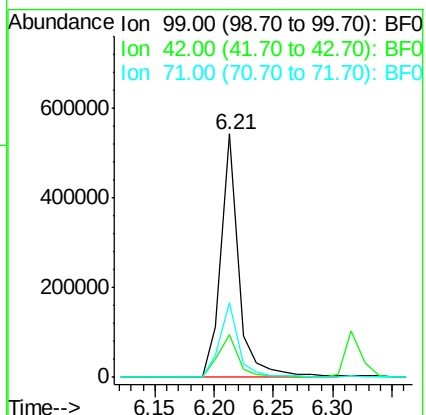
Tot Ion: 99 Resp: 573034

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

71 30.8 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.71 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

Tgt Ion: 70 Resp: 172716

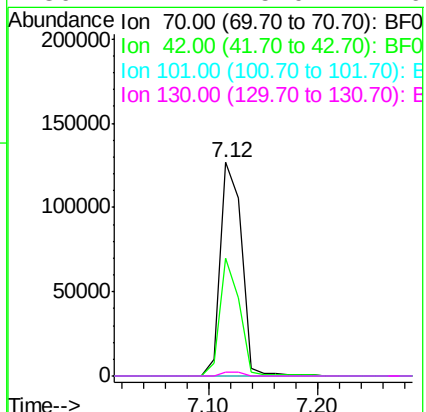
Ion Ratio Lower Upper

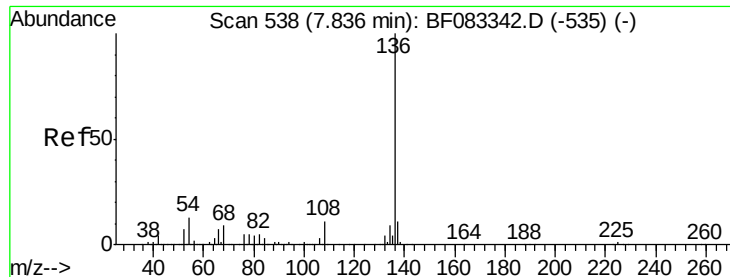
70 100

42 55.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 699846

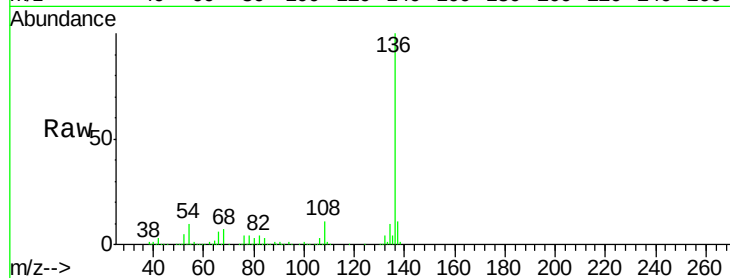
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 10.2 10.1 15.1

68 7.2 7.1 10.7

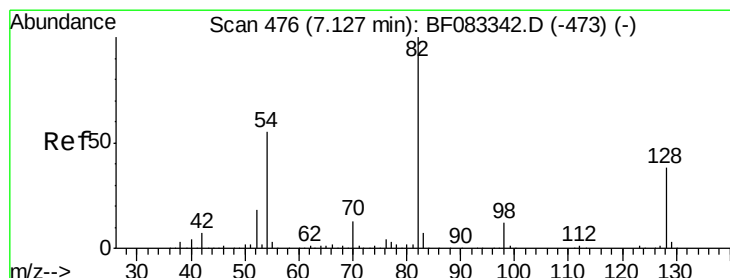
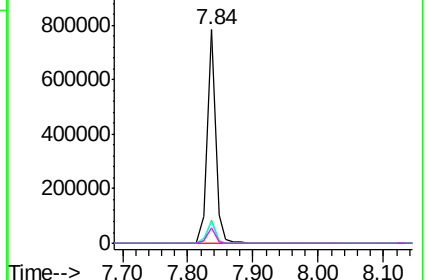
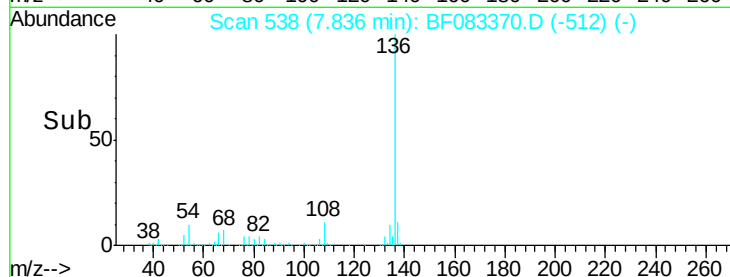


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.79 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083370.D

Acq: 1 Dec 2015 9:19

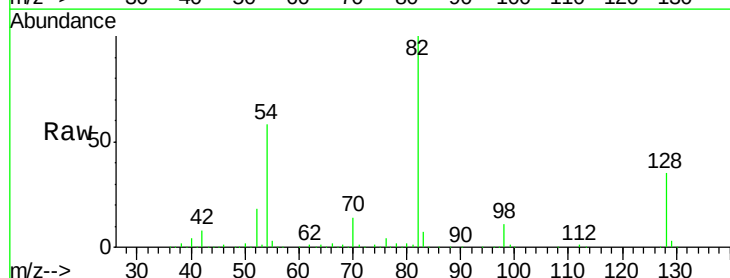
Tgt Ion: 82 Resp: 1302196

Ion Ratio Lower Upper

82 100

128 35.1 30.6 46.0

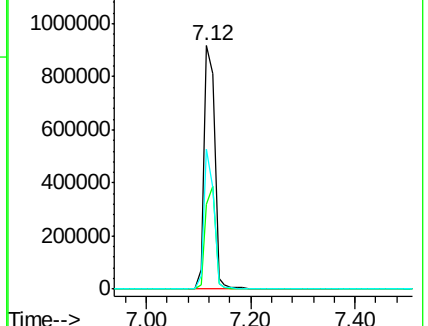
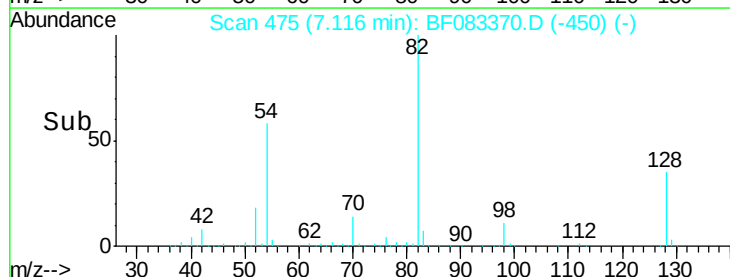
54 57.6 43.8 65.6

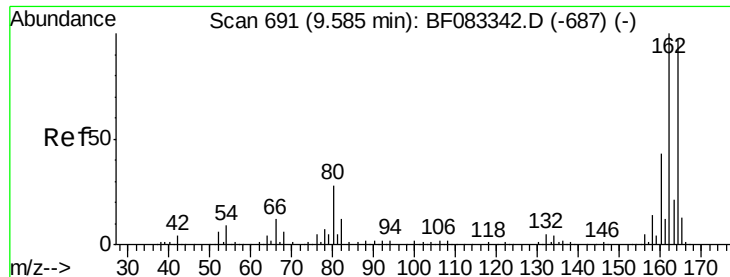


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

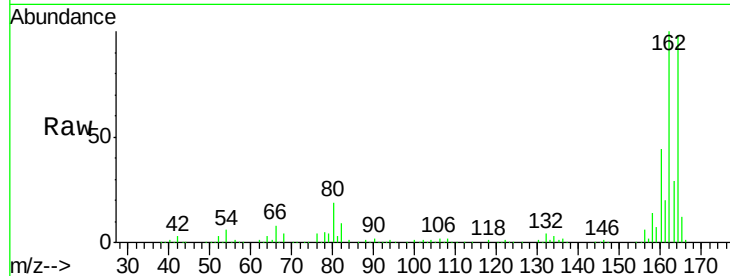




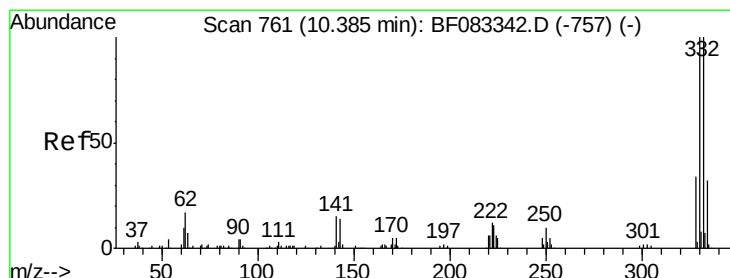
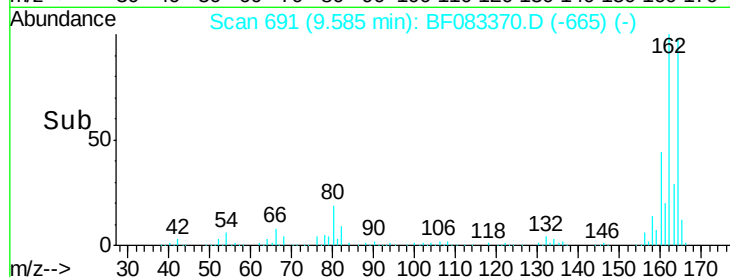
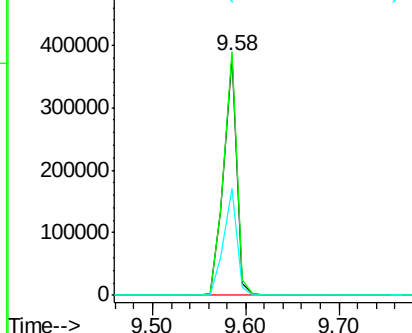
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 372266
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 44.8 35.3 52.9

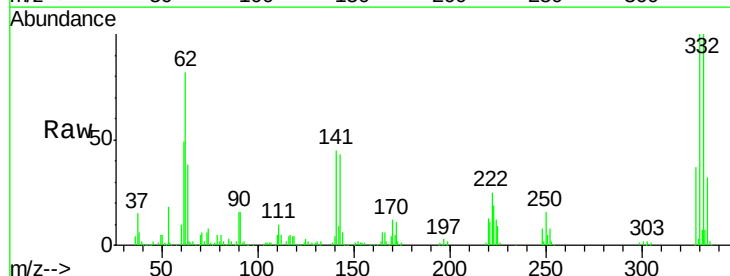


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

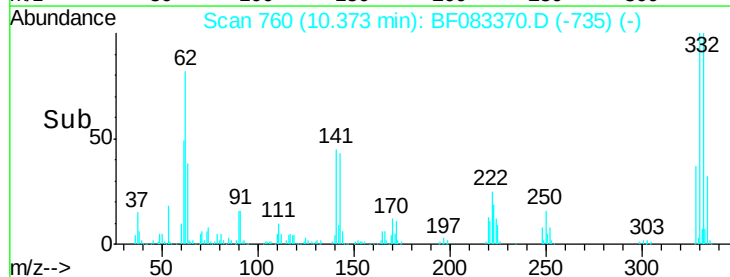
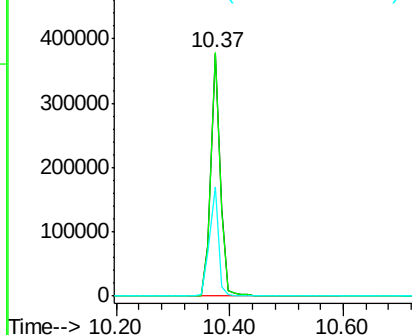


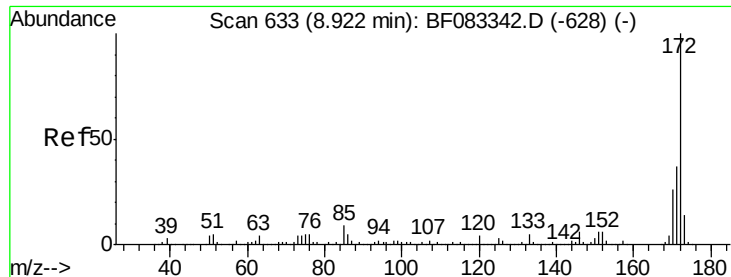
#41
 2,4,6-Tribromophenol
 Concen: 113.67 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

Tgt Ion:330 Resp: 424787
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.8 116.6
 141 41.9 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

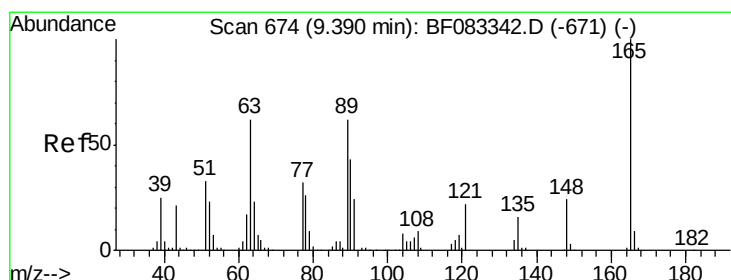
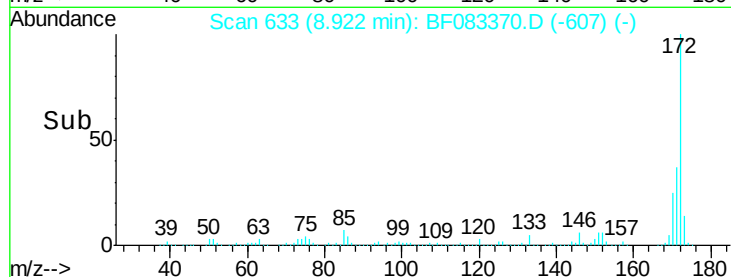
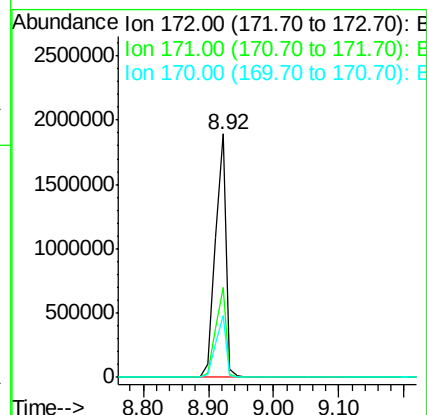
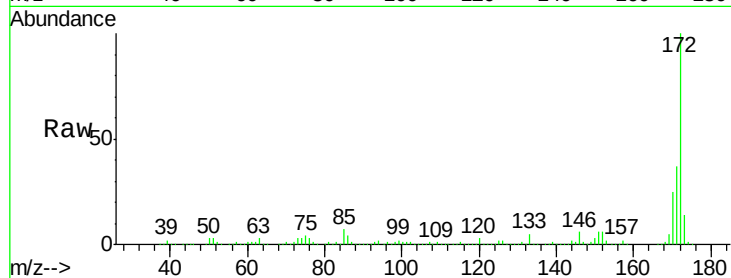




#44
2-Fluorobiphenyl
Concen: 83.60 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083370.D
Acq: 1 Dec 2015 9:19

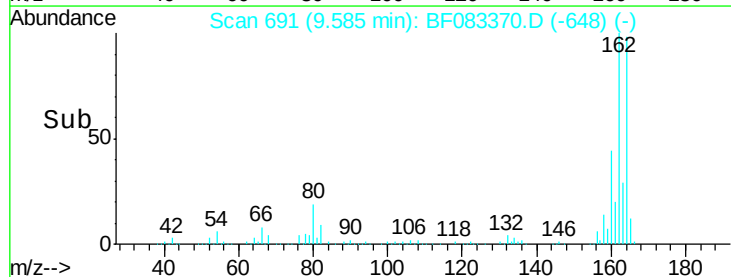
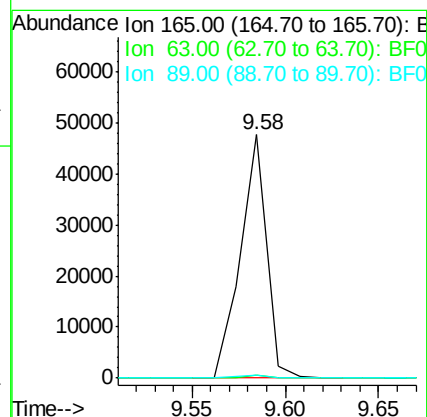
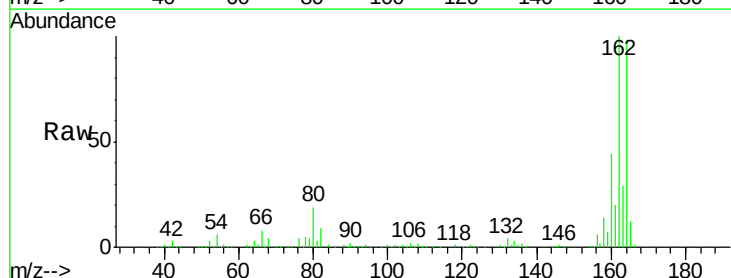
Instrument :
BNA_F
ClientSampleId :

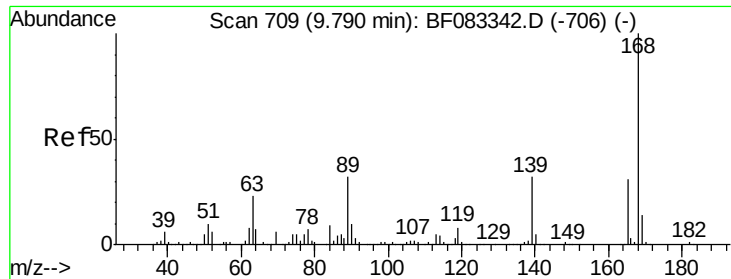
Tot Ion:172 Resp: 2184015
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 25.1 20.4 30.6



#50
2,6-Dinitrotoluene
Concen: 7.26 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.19 min
Lab File: BF083370.D
Acq: 1 Dec 2015 9:19

Tgt Ion:165 Resp: 46895
Ion Ratio Lower Upper
165 100
63 1.4 56.0 84.0#
89 1.3 49.8 74.8#

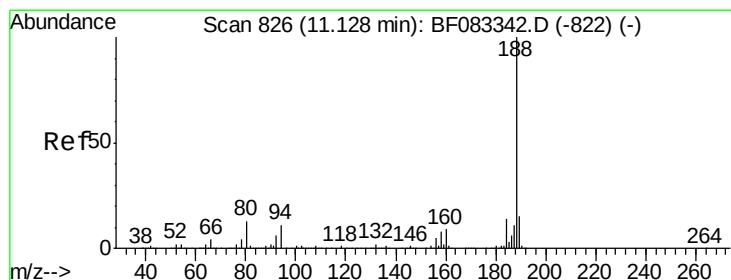
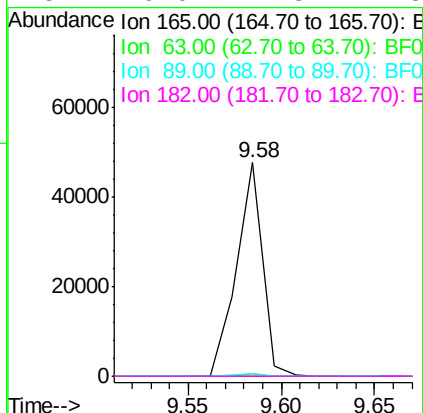
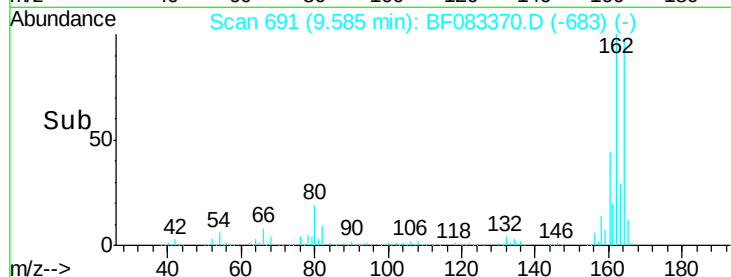
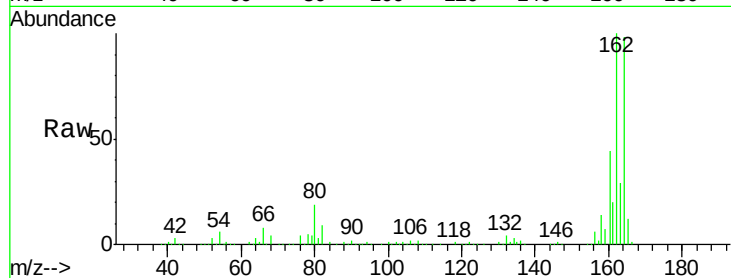




#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

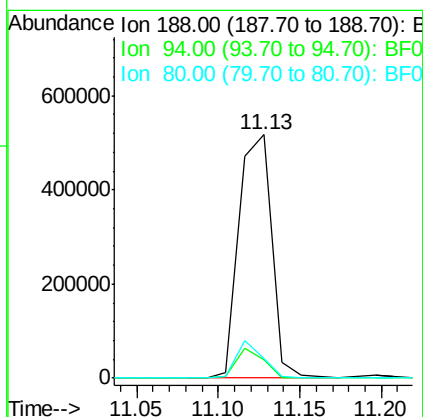
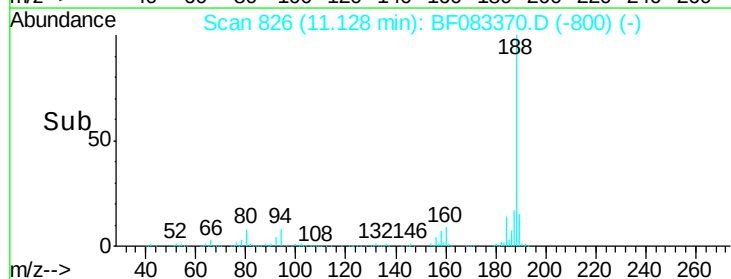
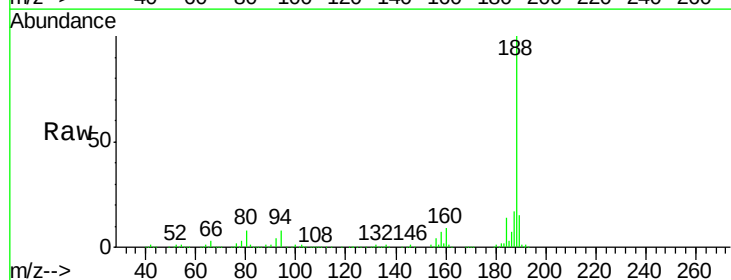
Instrument :
 BNA_F
 ClientSampleId :

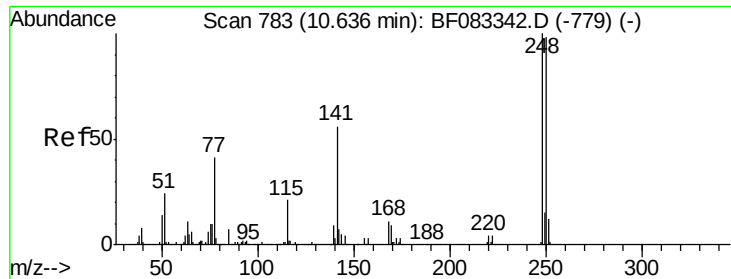
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	65.4	98.0#
89	1.3	81.2	121.8#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	8.2	10.3	15.5#

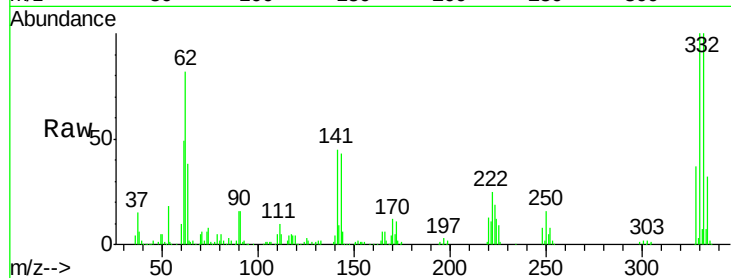




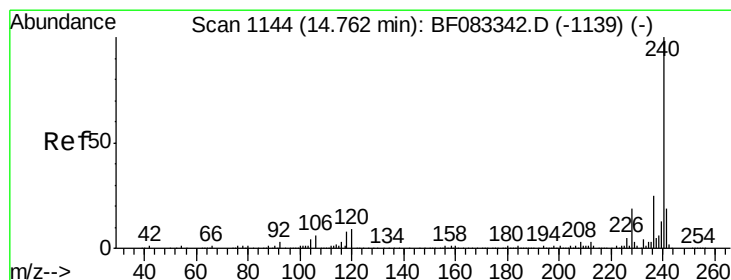
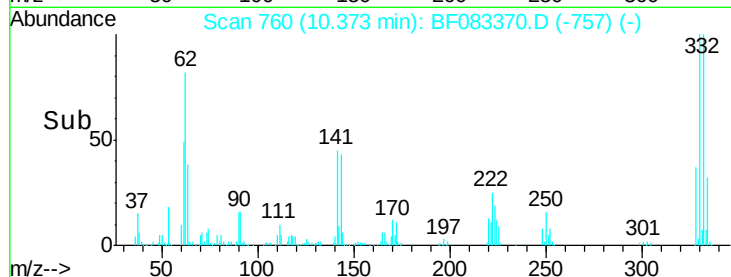
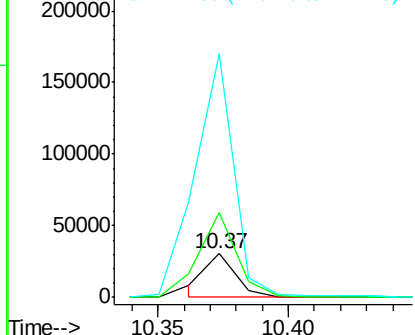
#66
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083370.D
Acq: 1 Dec 2015 9:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24596
Ion Ratio Lower Upper
248 100
250 197.0 78.6 118.0#
141 561.1 44.4 66.6#

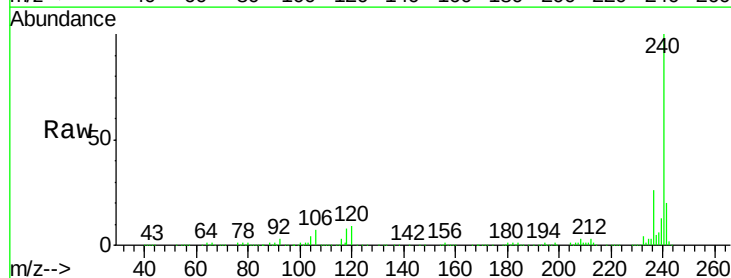


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

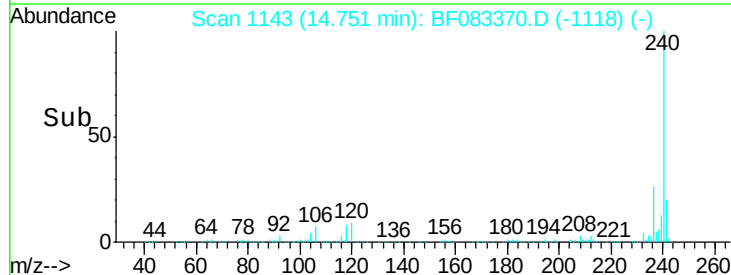
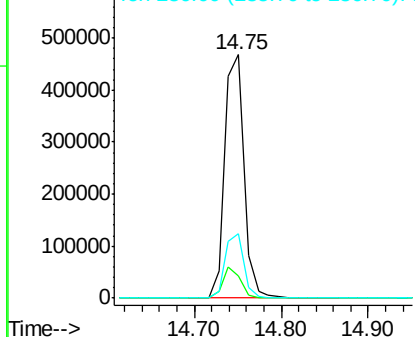


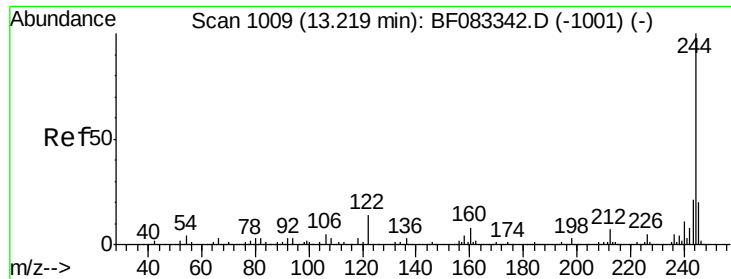
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083370.D
Acq: 1 Dec 2015 9:19

Tgt Ion:240 Resp: 724015
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.4 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

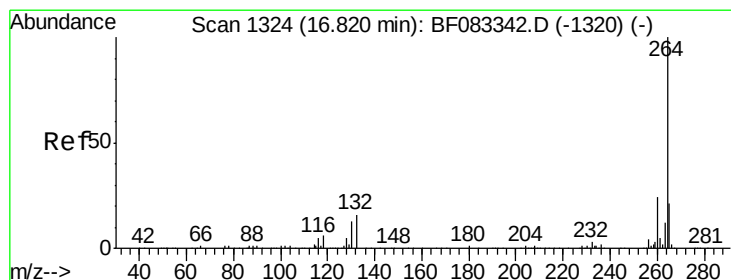
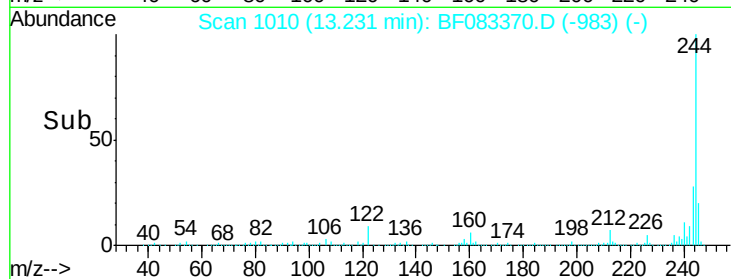
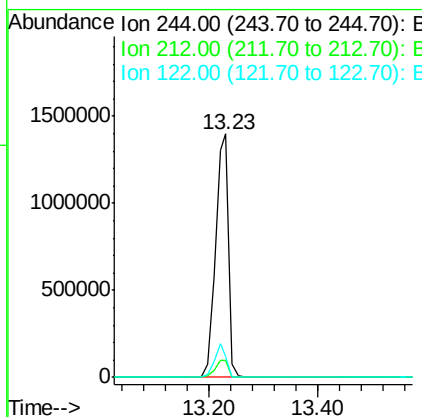
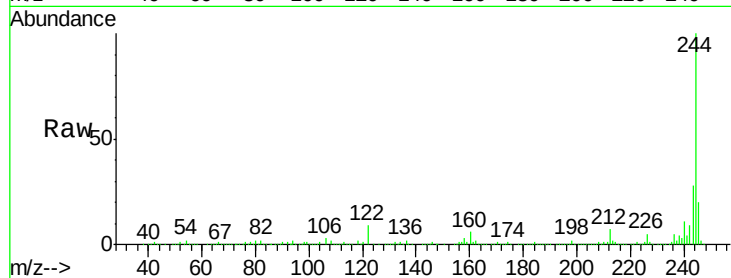




#78
 Terphenyl-d14
 Concen: 78.03 ng
 RT: 13.23 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2369067
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083370.D
 Acq: 1 Dec 2015 9:19

Tgt Ion:264 Resp: 580883
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 22.6 16.8 25.2

