

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085355.D
 Acq On : 11 Mar 2016 1:44
 Operator : UM/SJ
 Sample : H1623-01RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 02:44:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 00:01:03 2016
 Response via : Initial Calibration

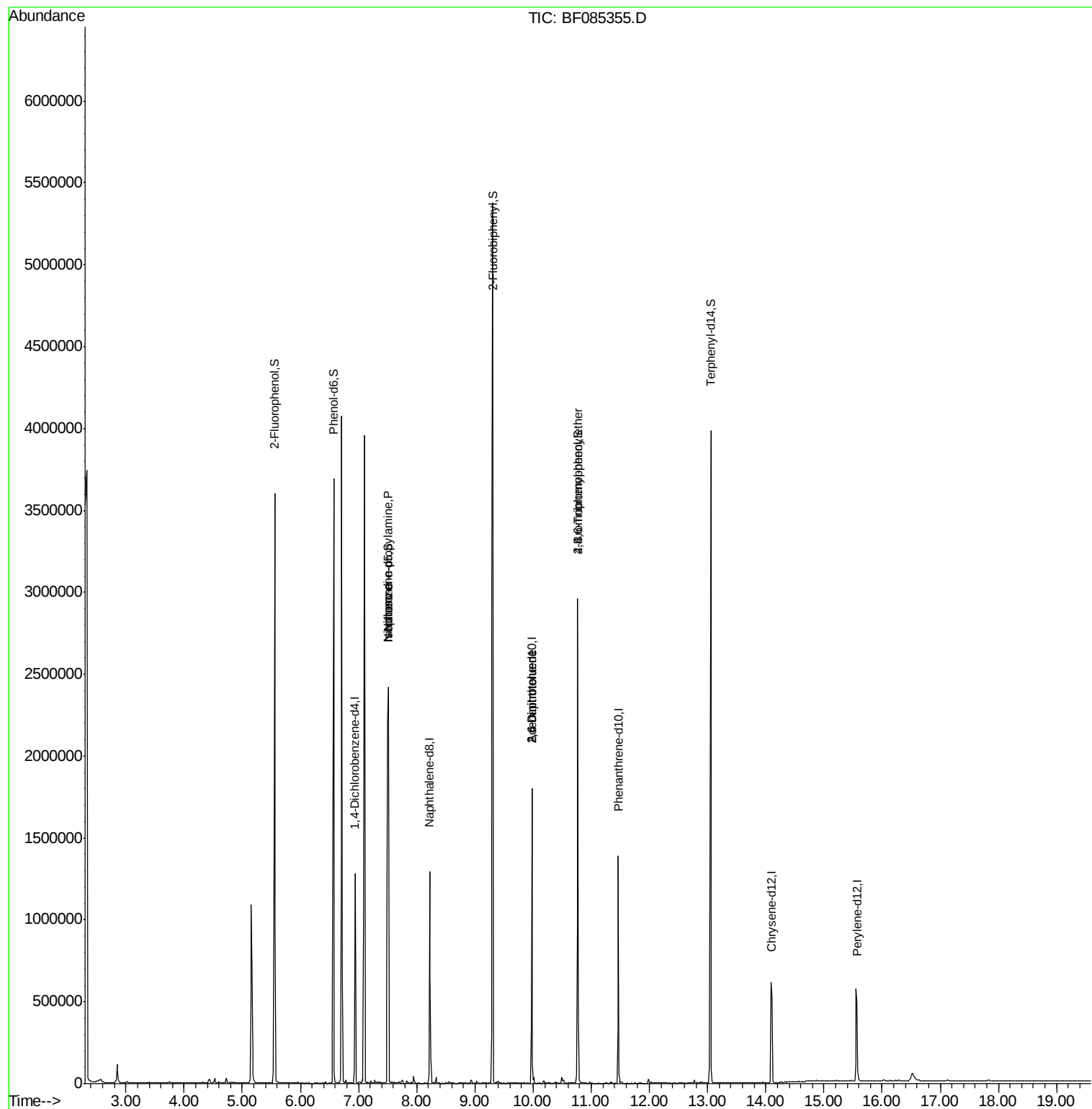
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	175897	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	685411	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	332880	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	497661	20.00	ng	0.00
75) Chrysene-d12	14.11	240	292660	20.00	ng	0.00
86) Perylene-d12	15.57	264	309952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1280817	122.14	ng	0.02
7) Phenol-d6	6.57	99	1575381	114.67	ng	0.01
23) Nitrobenzene-d5	7.51	82	1251793	97.73	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	371294	130.35	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1949040	89.05	ng	0.00
78) Terphenyl-d14	13.05	244	1365820	108.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	165966	18.53	ng	# 73
25) Isophorone	7.51	82	1247721	52.57	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	42945	7.86	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	42948	6.14	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	26222	5.43	ng	# 1

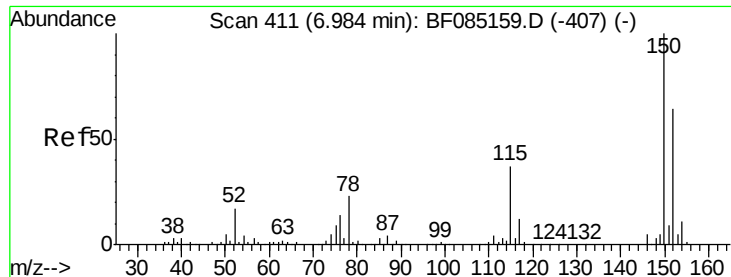
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

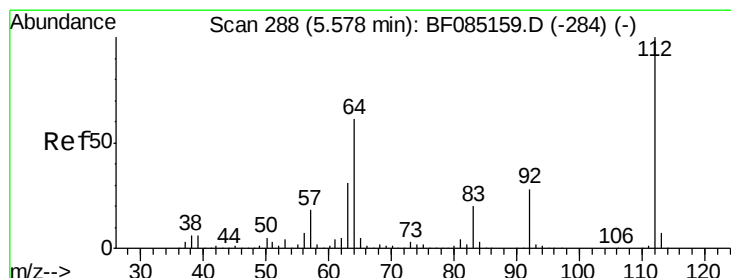
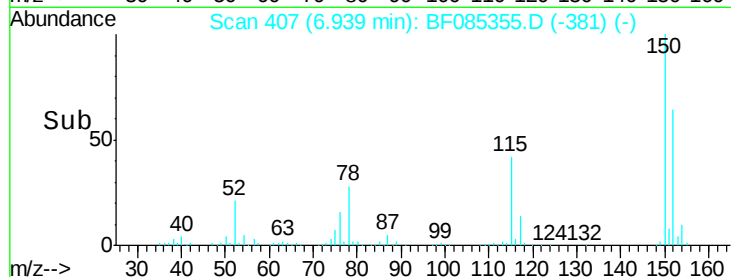
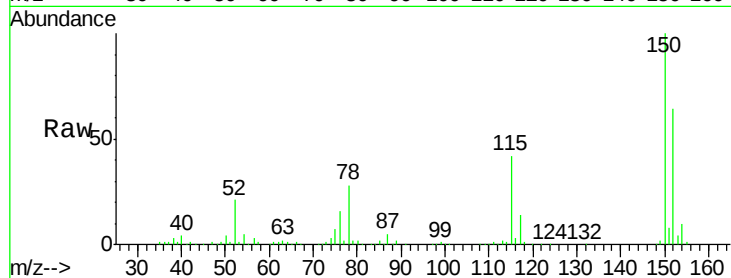
Tot Ion:152 Resp: 175897

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

115 66.0 46.6 70.0



#5

2-Fluorophenol

Concen: 122.14 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

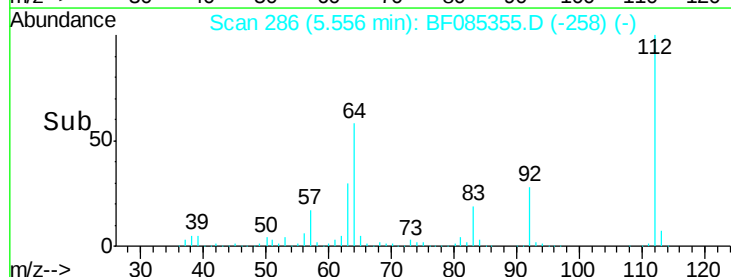
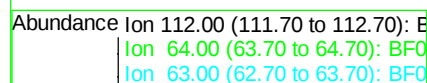
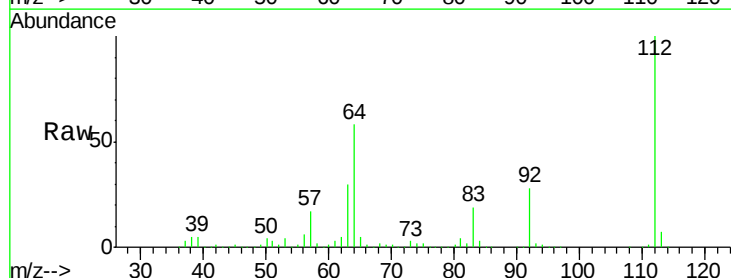
Tgt Ion:112 Resp: 1280817

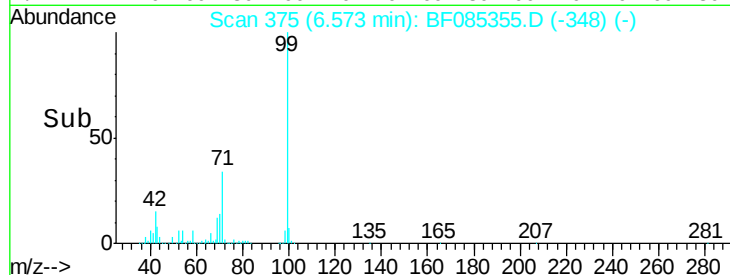
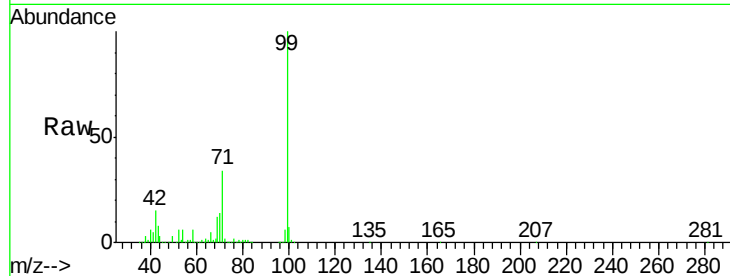
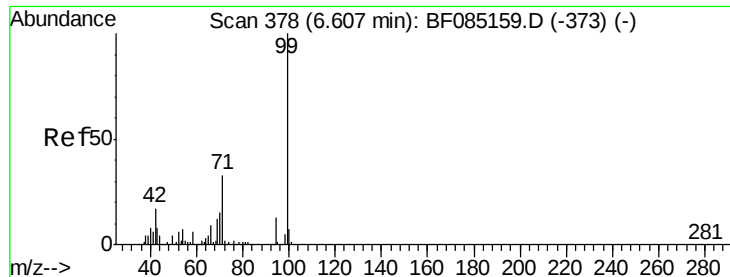
Ion Ratio Lower Upper

112 100

64 58.1 49.0 73.4

63 29.5 24.8 37.2





#7

Phenol-d6

Concen: 114.67 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

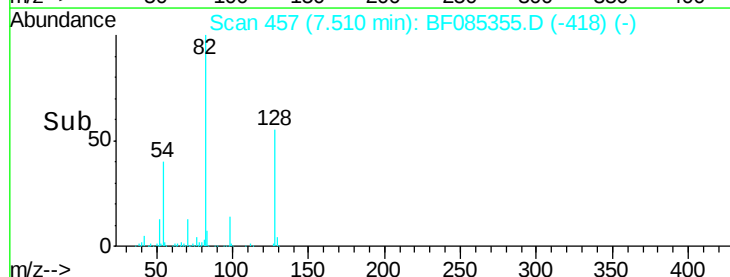
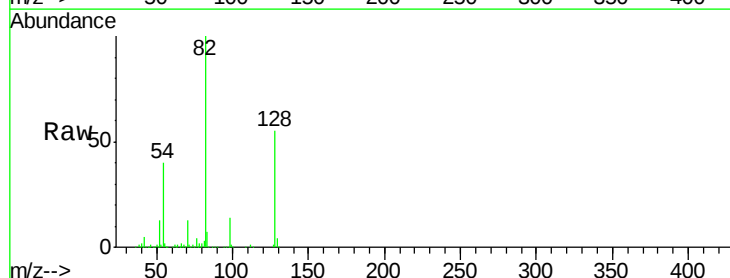
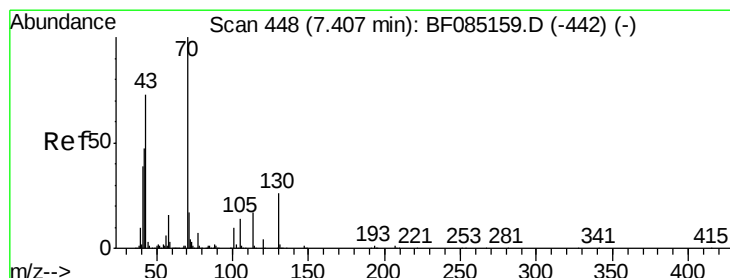
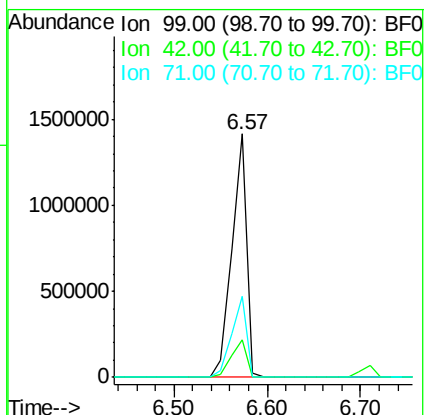
Tot Ion: 99 Resp: 1575381

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 33.5 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.53 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.15 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Tgt Ion: 70 Resp: 165966

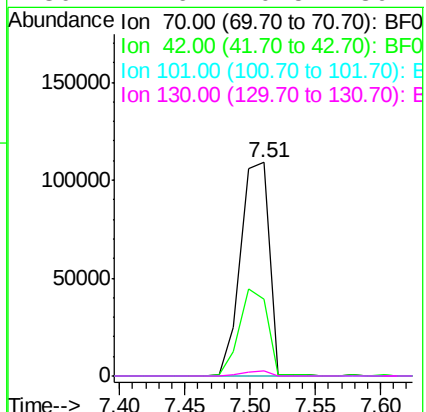
Ion Ratio Lower Upper

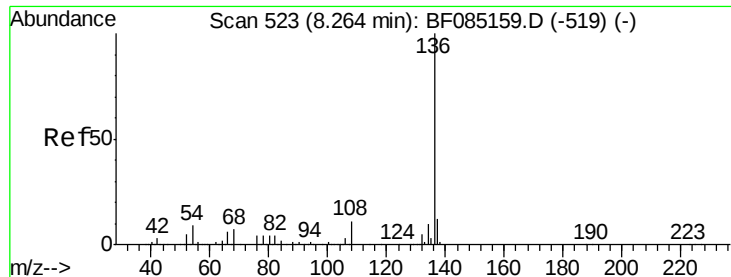
70 100

42 35.9 37.7 56.5#

101 0.0 8.2 12.4#

130 2.6 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 685411

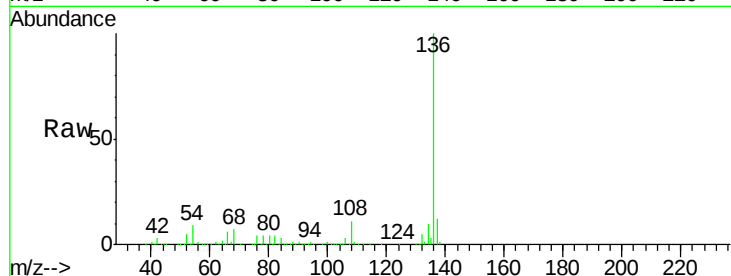
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.0 7.4 11.2

68 7.4 6.0 9.0

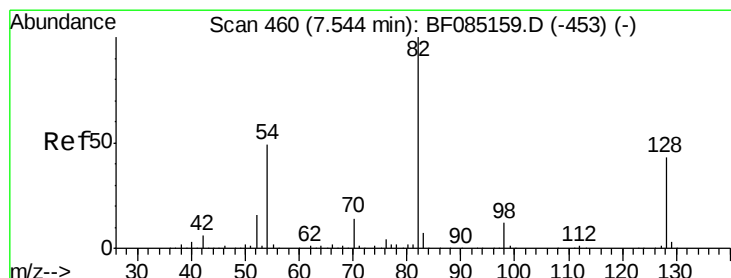
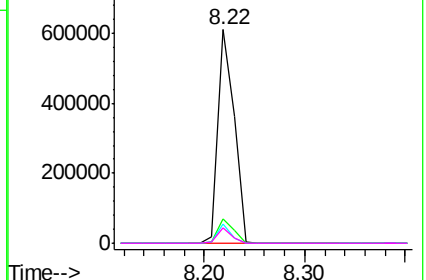
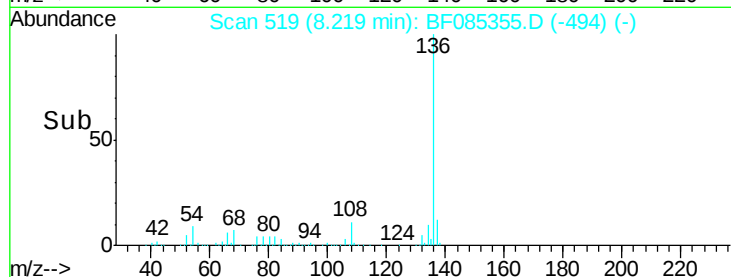


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.73 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

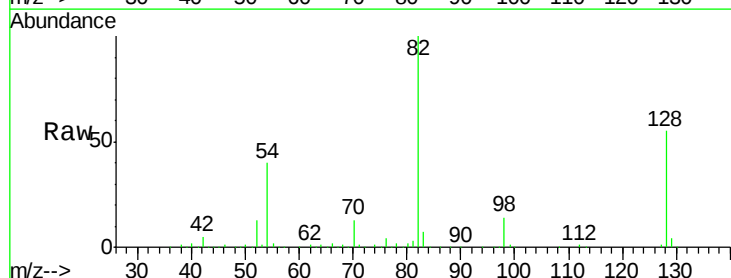
Tgt Ion: 82 Resp: 1251793

Ion Ratio Lower Upper

82 100

128 54.9 34.5 51.7#

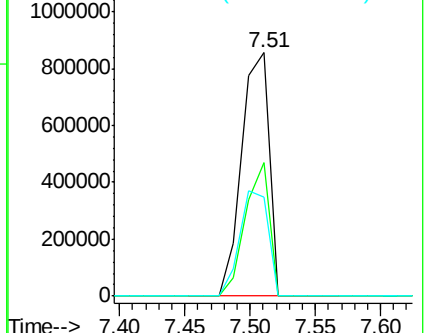
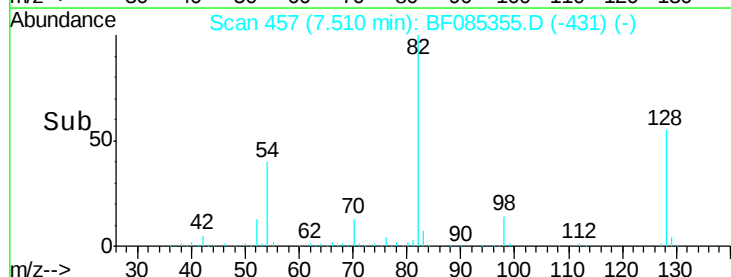
54 40.5 39.3 58.9

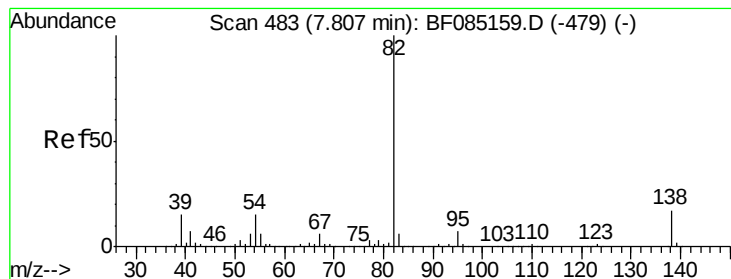


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 52.57 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.25 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampled :

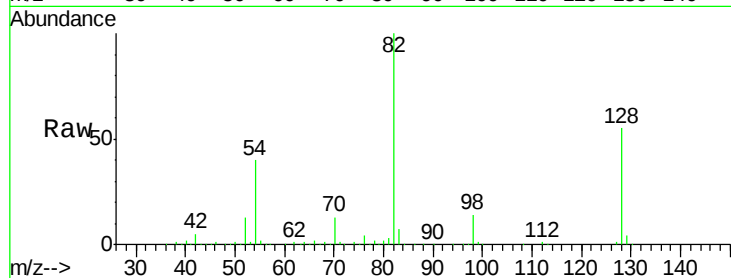
Tot Ion: 82 Resp: 1247721

Ion Ratio Lower Upper

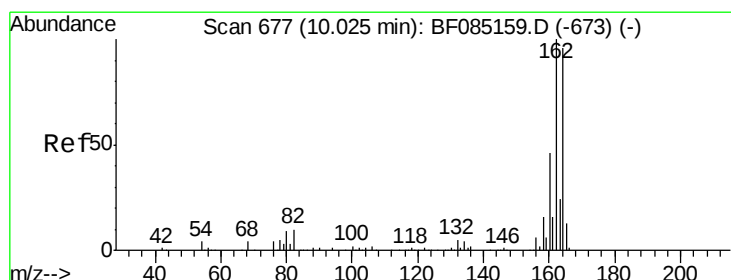
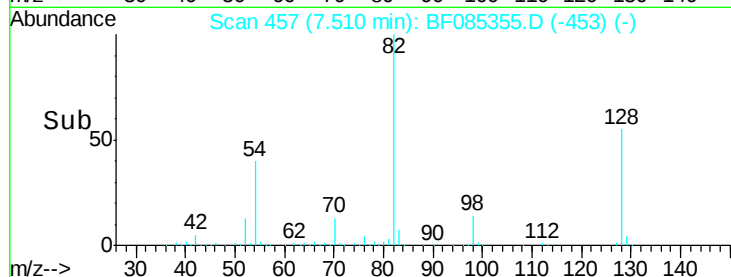
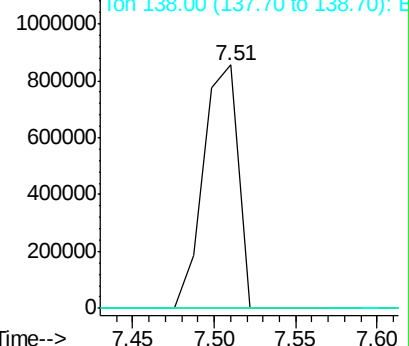
82 100

95 0.0 5.4 8.2#

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

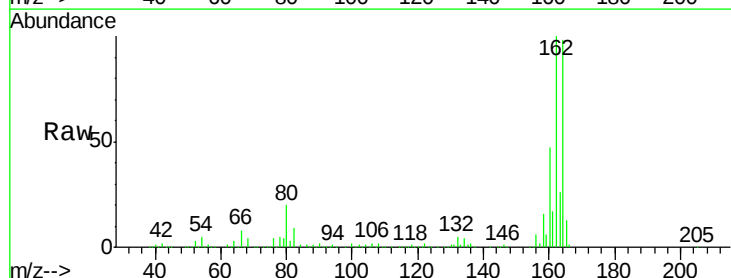
Tgt Ion:164 Resp: 332880

Ion Ratio Lower Upper

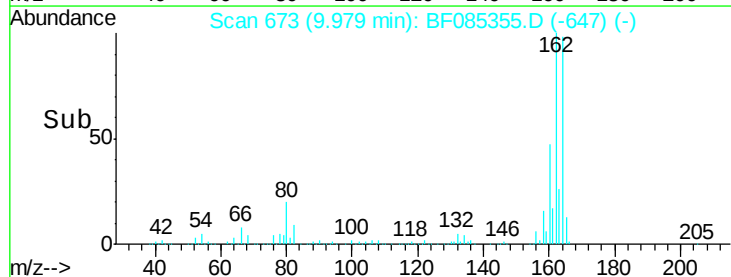
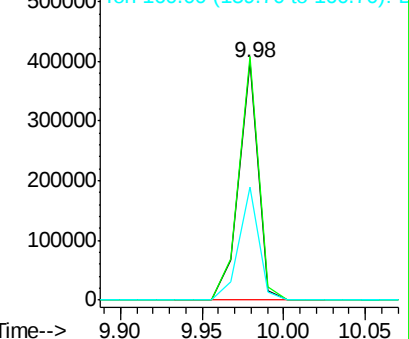
164 100

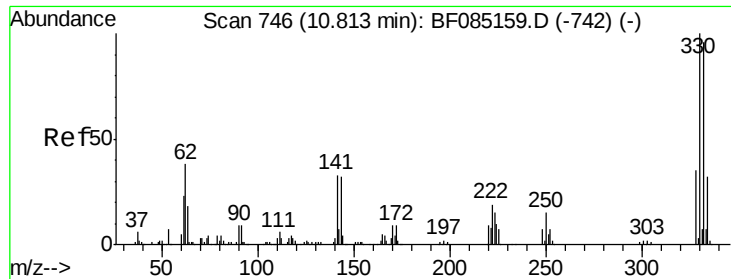
162 102.2 83.3 124.9

160 47.7 37.9 56.9



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

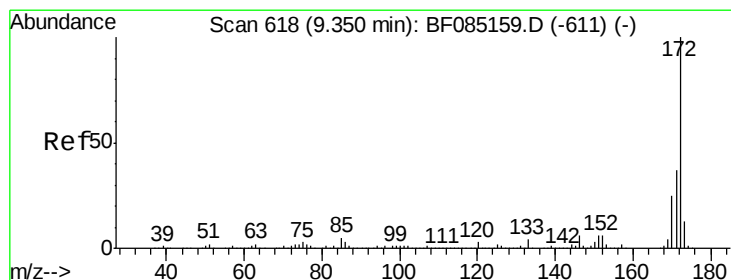
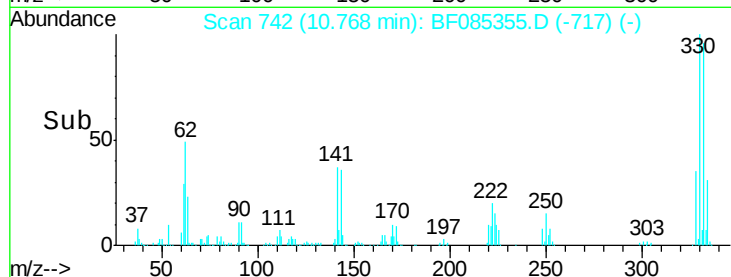
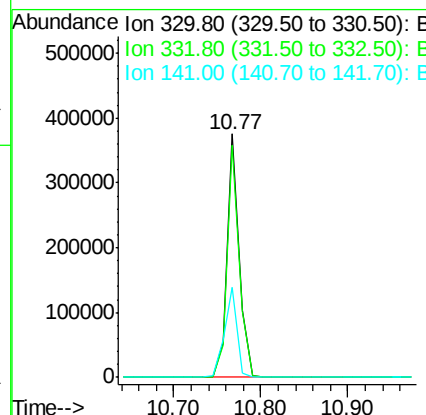
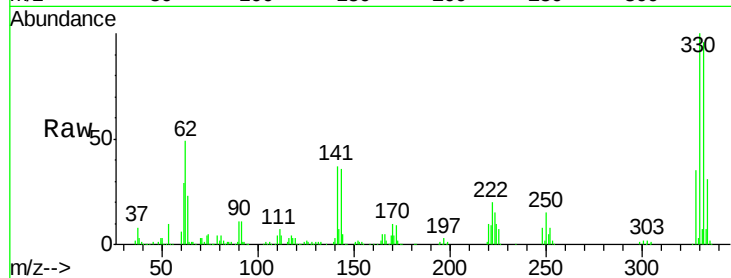




#41
 2,4,6-Tribromophenol
 Concen: 130.35 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

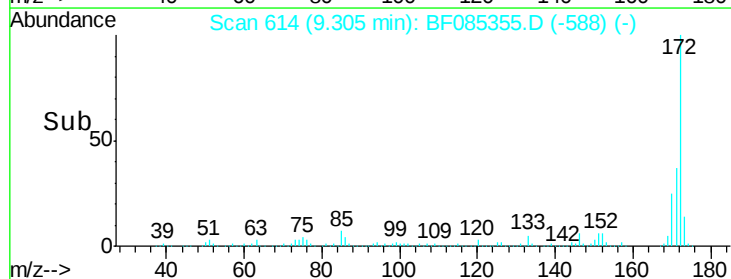
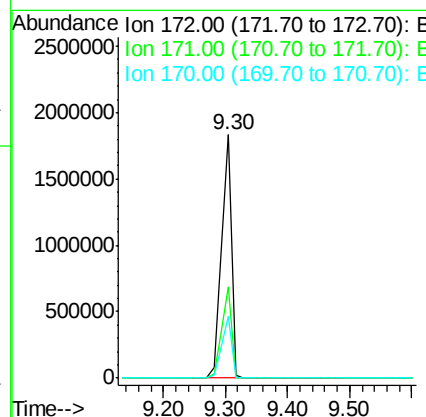
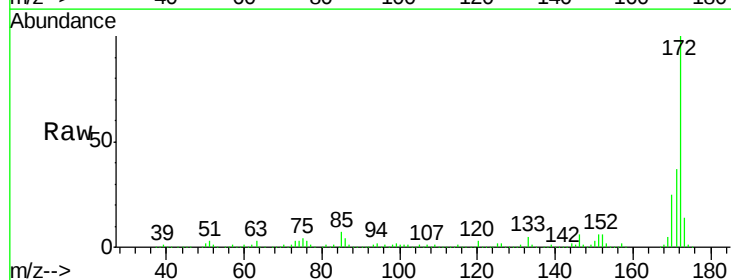
Instrument :
 BNA_F
 ClientSampled :

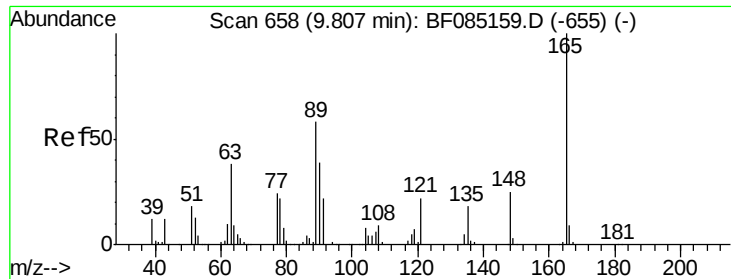
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	38.6	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.3	43.9
170	25.4	20.0	30.0

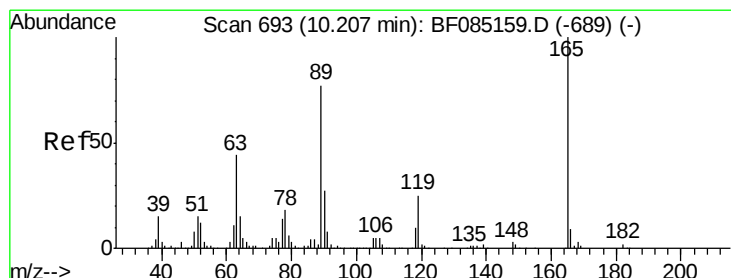
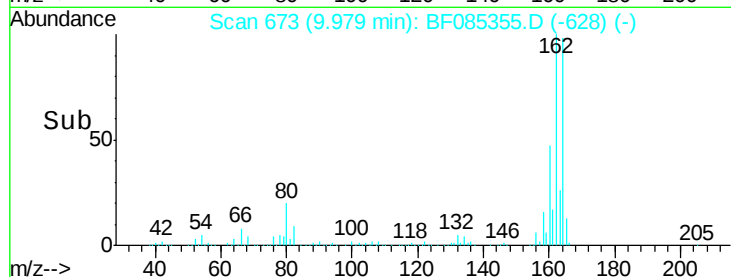
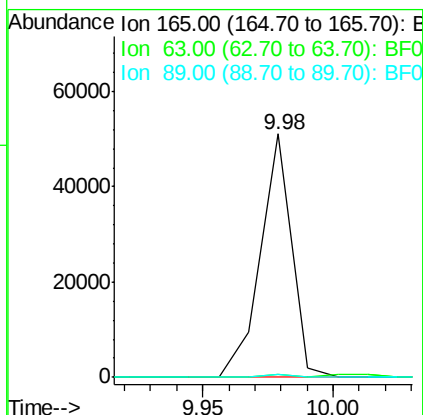
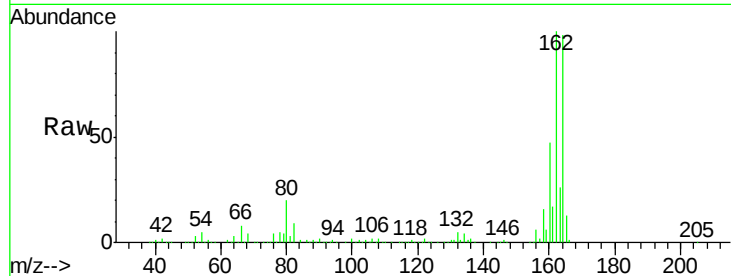




#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.98 min Scan# 673
 Delta R.T. 0.22 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

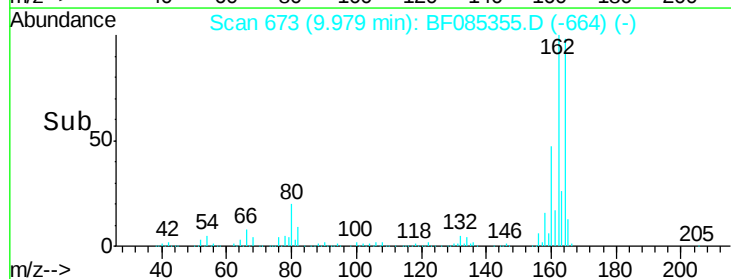
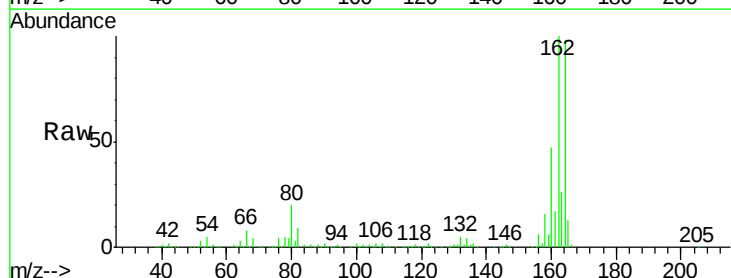
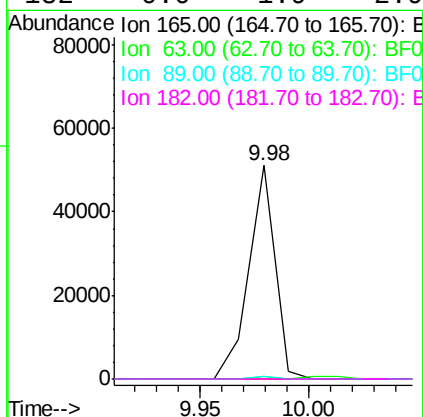
Instrument :
 BNA_F
 ClientSampleId :

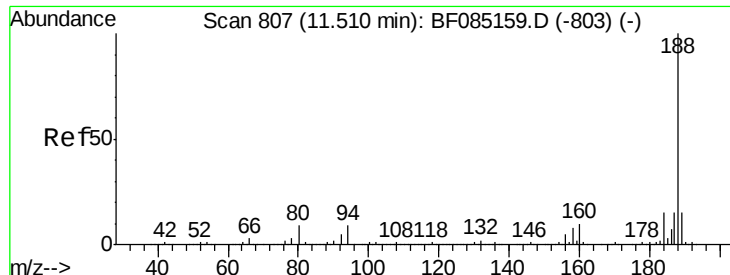
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.8	62.8#
89	1.4	46.7	70.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.19 min
 Lab File: BF085355.D
 Acq: 11 Mar 2016 1:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.4	61.9	92.9#
182	0.0	1.9	2.9#

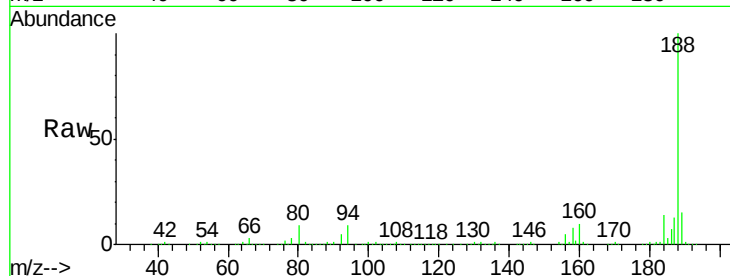




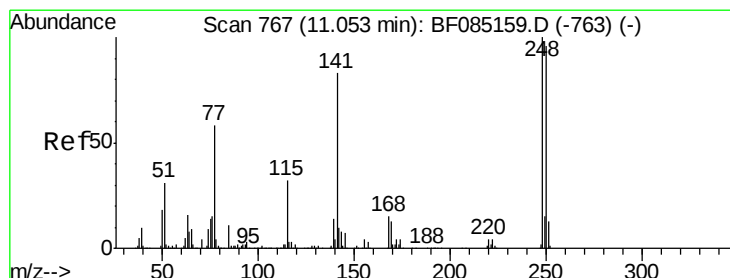
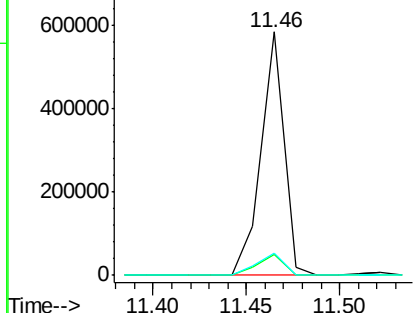
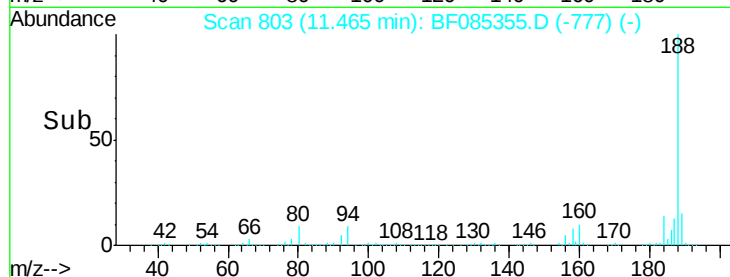
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085355.D
Acq: 11 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 497661
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.4 11.0

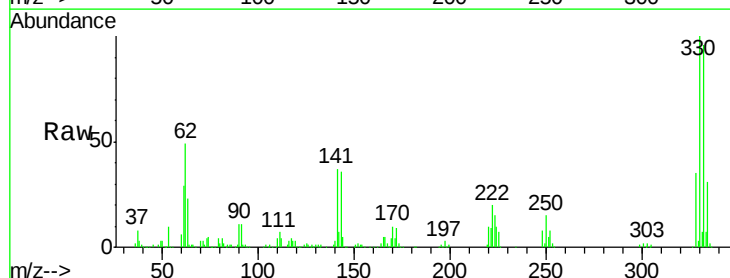


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

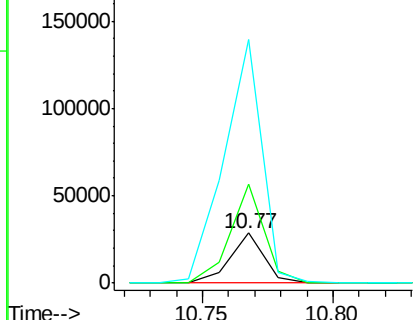
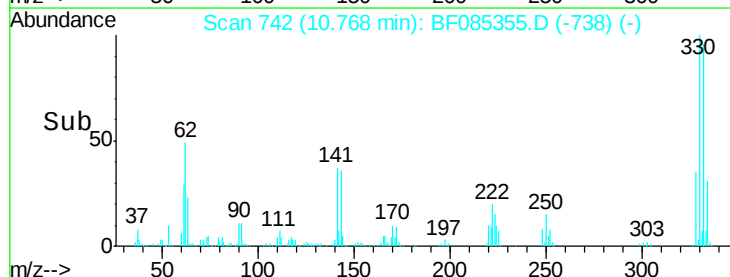


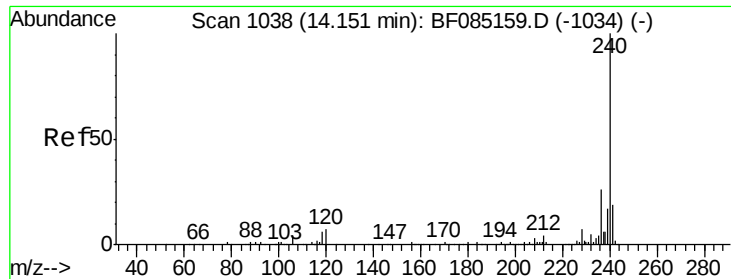
#66
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF085355.D
Acq: 11 Mar 2016 1:44

Tgt Ion:248 Resp: 26222
Ion Ratio Lower Upper
248 100
250 197.5 77.1 115.7#
141 487.7 66.2 99.2#



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: 14.11 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

Instrument :

BNA_F

ClientSampleId :

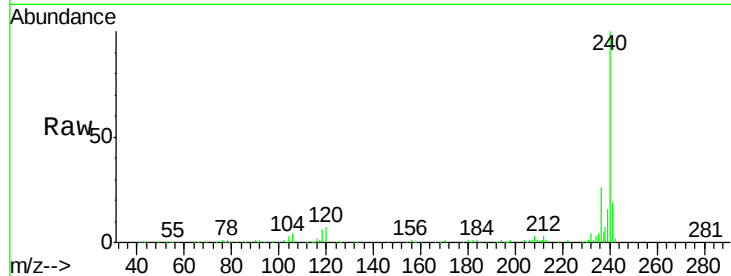
Tot Ion:240 Resp: 292660

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

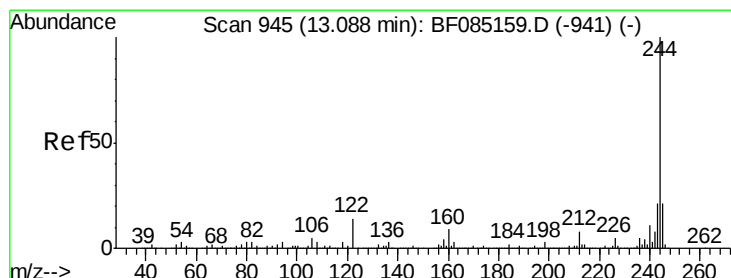
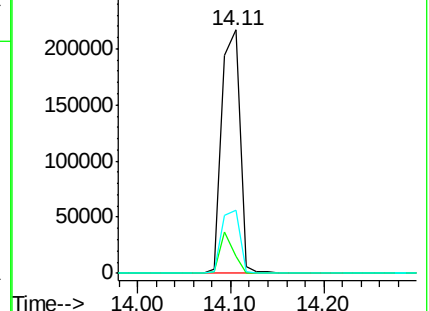
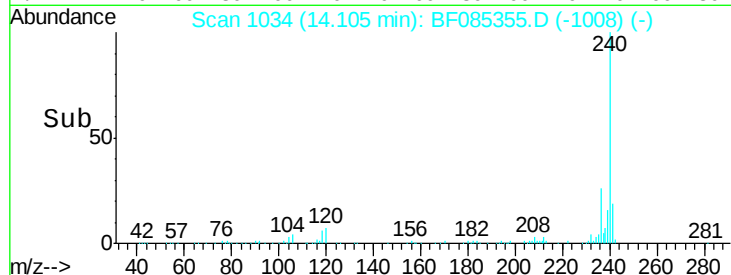
236 25.7 20.7 31.1



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: 108.34 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085355.D

Acq: 11 Mar 2016 1:44

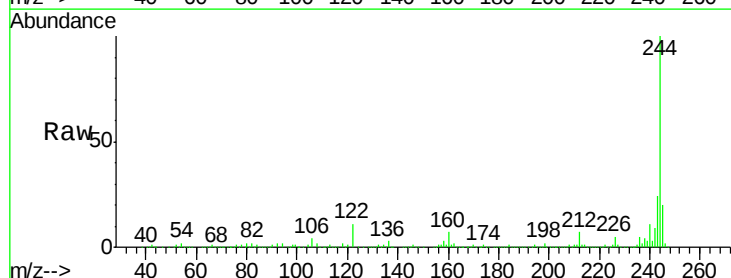
Tgt Ion:244 Resp: 1365820

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

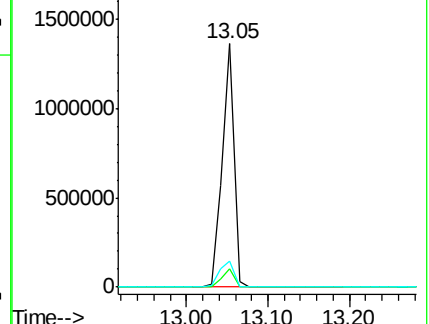
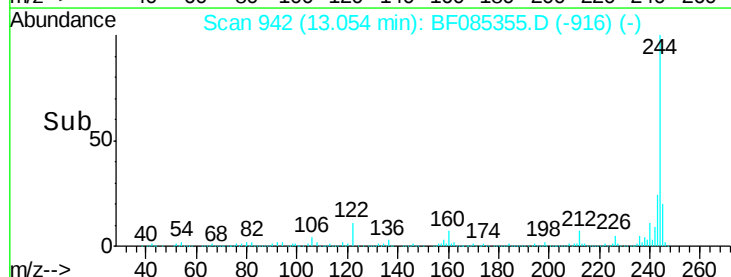
122 10.7 11.4 17.2#

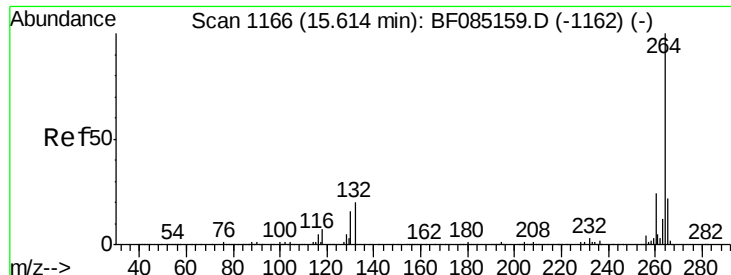


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



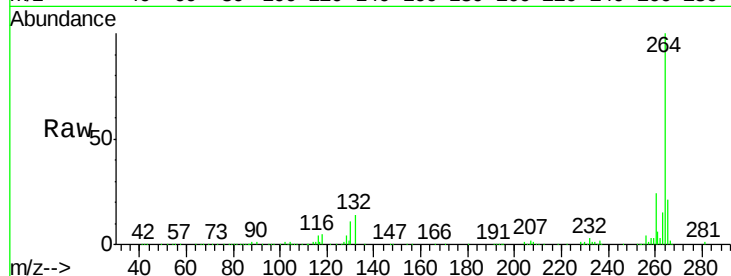


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF085355.D
Acq: 11 Mar 2016 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 309952

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.3	25.9



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

