

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082363.D
 Acq On : 19 Oct 2015 18:53
 Operator : UM/IZ
 Sample : PB86165TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86165TB

Quant Time: Oct 20 02:04:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

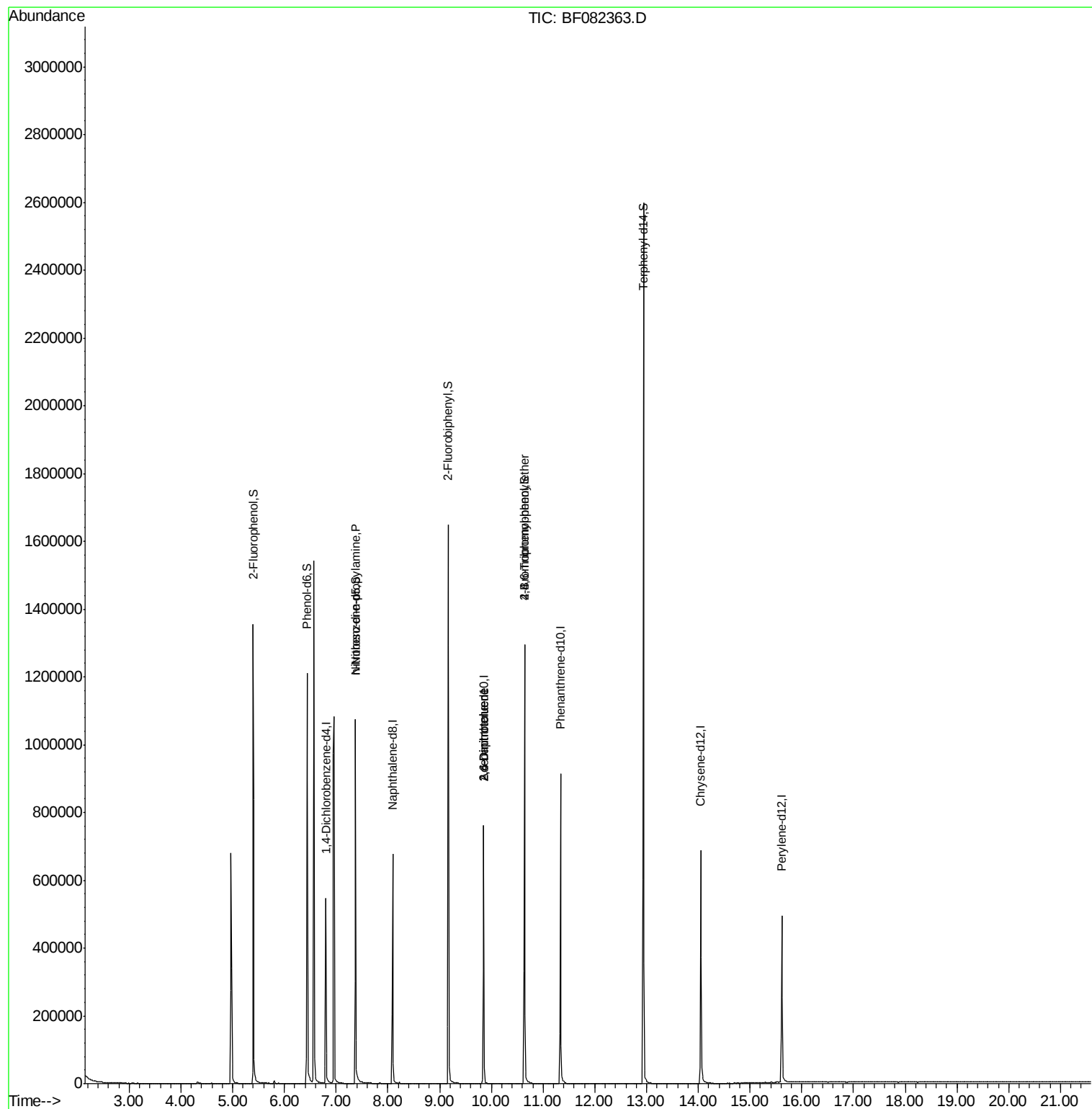
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91166	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	356608	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183914	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	370177	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	335343	20.00	ng	-0.05
86) Perylene-d12	15.61	264	258459	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	486545	107.71	ng	0.00
7) Phenol-d6	6.43	99	623545	106.08	ng	-0.01
23) Nitrobenzene-d5	7.37	82	405087	76.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	148486	86.09	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	810764	73.11	ng	-0.01
78) Terphenyl-d14	12.94	244	849416	67.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	52212	12.65	ng	# 78
50) 2,6-Dinitrotoluene	9.85	165	22517	8.24	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	22517	6.59	ng	# 22
66) 4-Bromophenyl-phenylether	10.64	248	11472	3.10	ng	# 1

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

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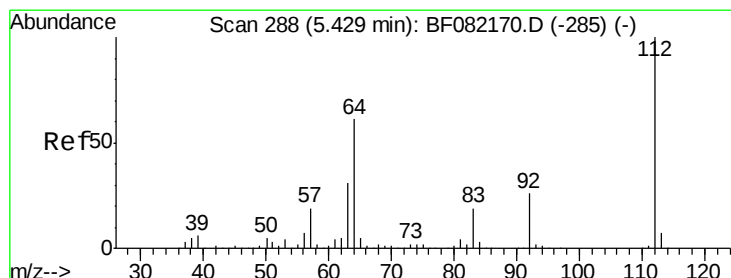
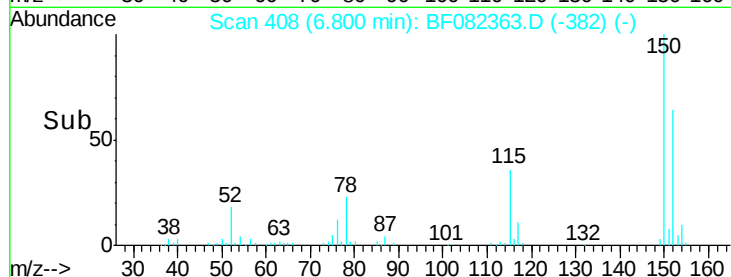
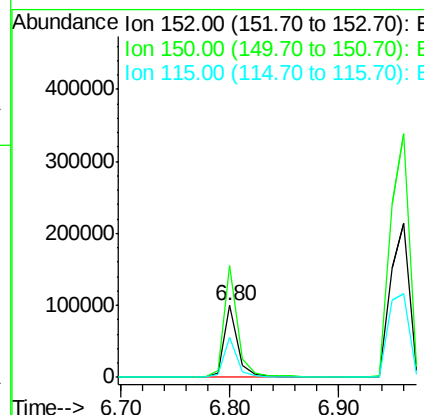
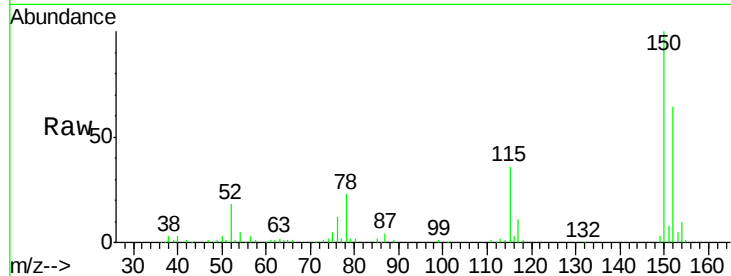


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86165TB

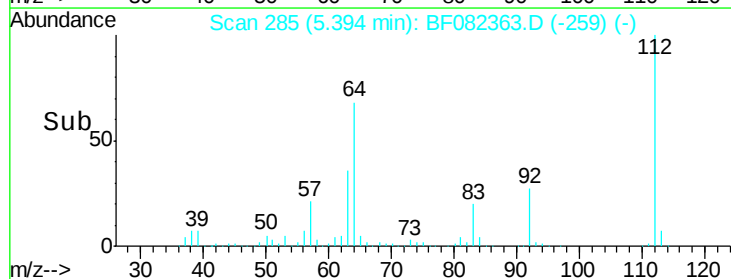
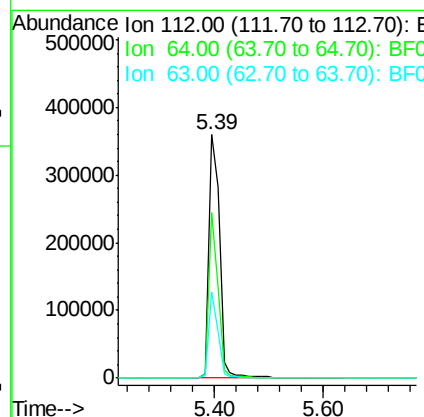
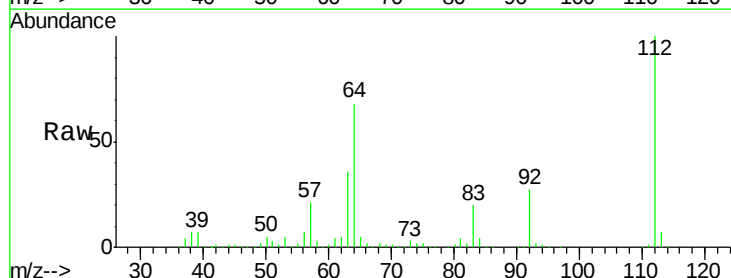
Tot Ion:152 Resp: 91166
 Ion Ratio Lower Upper
 152 100
 150 155.2 129.0 193.4
 115 55.6 52.1 78.1



#5

2-Fluorophenol
 Concen: 107.71 ng
 RT: 5.39 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Tgt Ion:112 Resp: 486545
 Ion Ratio Lower Upper
 112 100
 64 68.1 48.6 73.0
 63 35.5 25.1 37.7





#7

Phenol-d6

Concen: 106.08 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

Instrument :

BNA_F

ClientSampleId :

PB86165TB

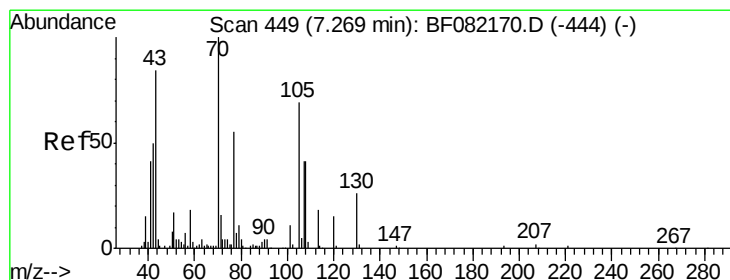
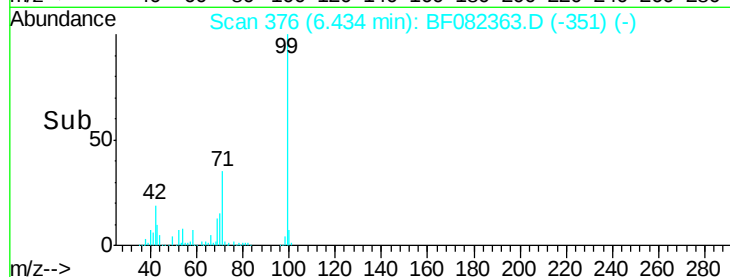
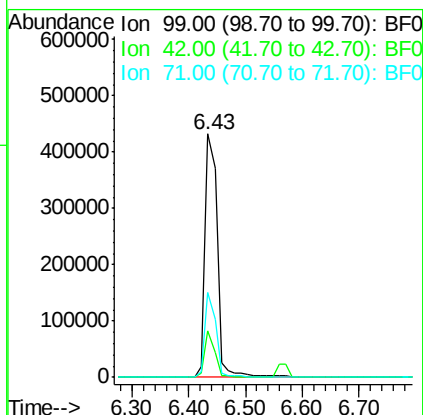
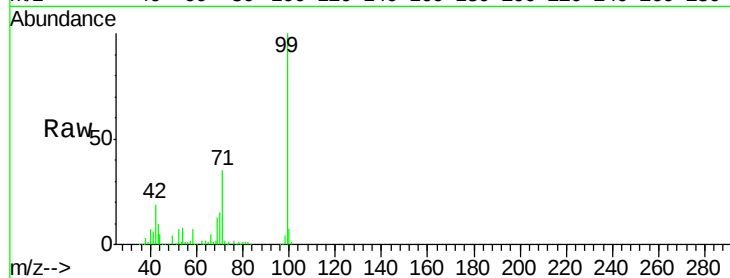
Tot Ion: 99 Resp: 623545

Ion Ratio Lower Upper

99 100

42 19.2 13.2 19.8

71 35.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.65 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.14 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

Tgt Ion: 70 Resp: 52212

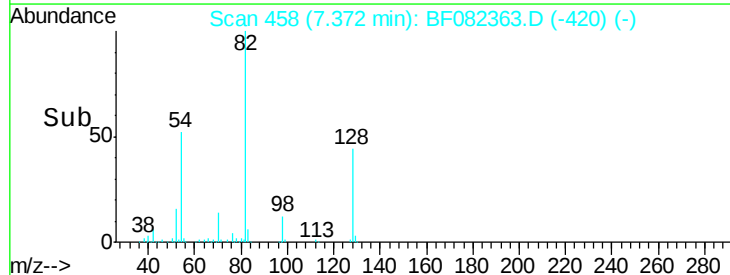
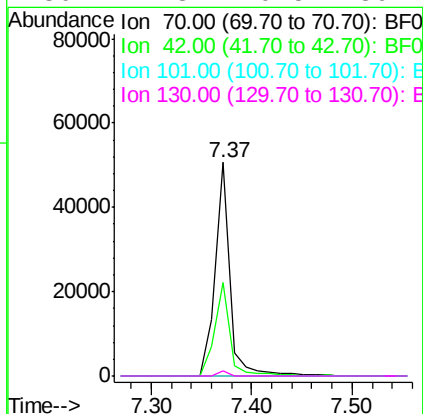
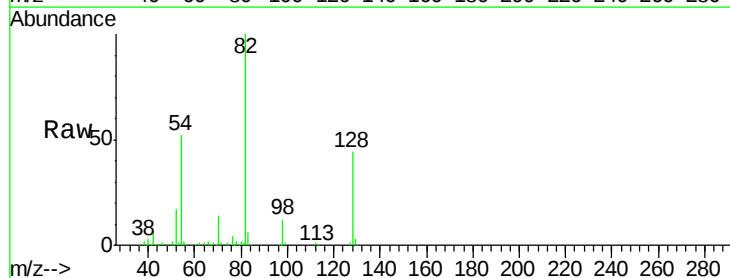
Ion Ratio Lower Upper

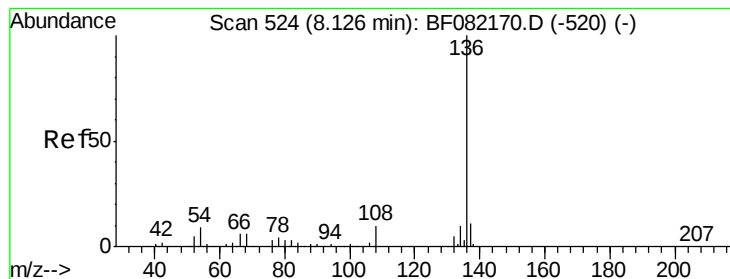
70 100

42 43.8 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

Instrument :

BNA_F

ClientSampleId :

PB86165TB

Tot Ion:136 Resp: 356608

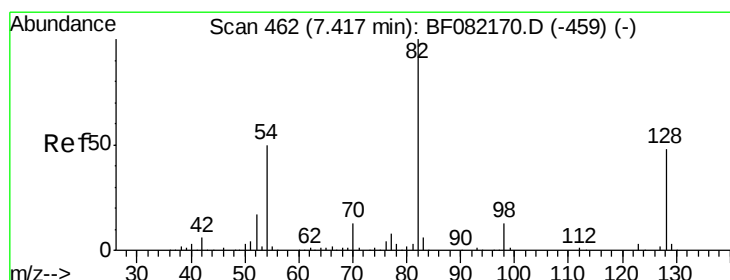
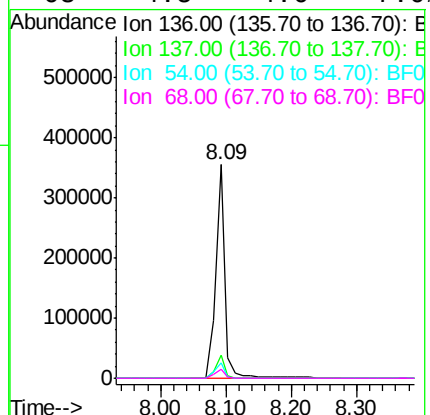
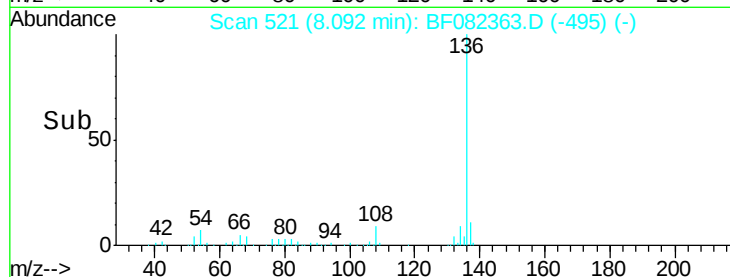
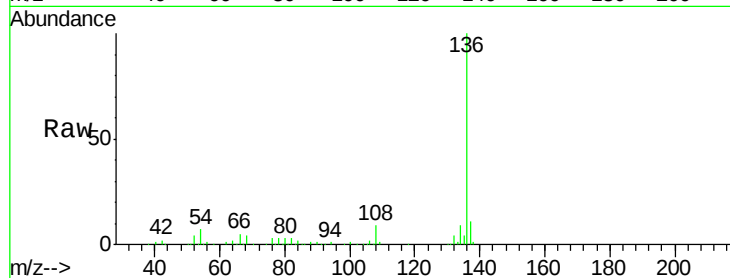
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.2 7.5 11.3#

68 4.5 4.6 7.0#



#23

Nitrobenzene-d5

Concen: 76.28 ng

RT: 7.37 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

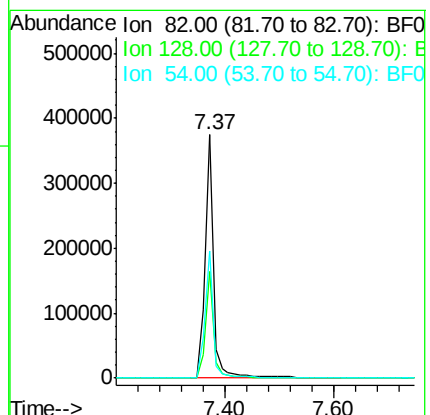
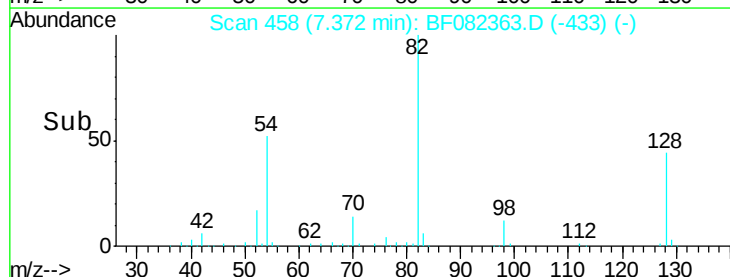
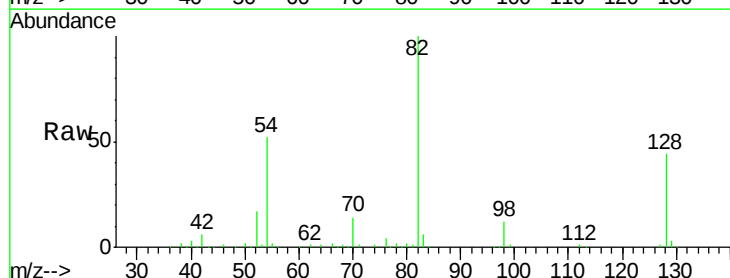
Tgt Ion: 82 Resp: 405087

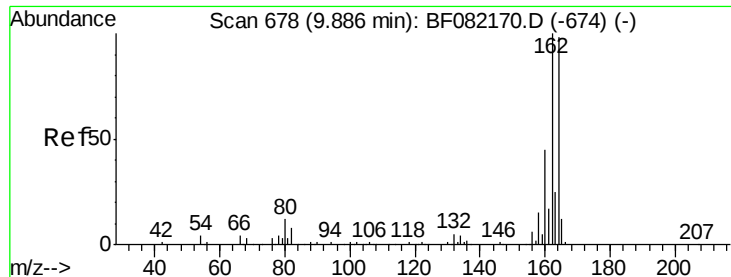
Ion Ratio Lower Upper

82 100

128 43.8 38.7 58.1

54 52.0 40.1 60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

Instrument :

BNA_F

ClientSampleId :

PB86165TB

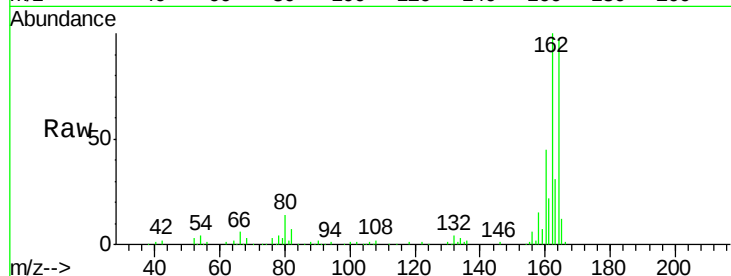
Tot Ion:164 Resp: 183914

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

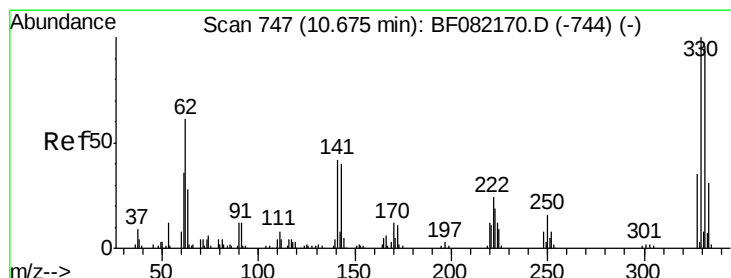
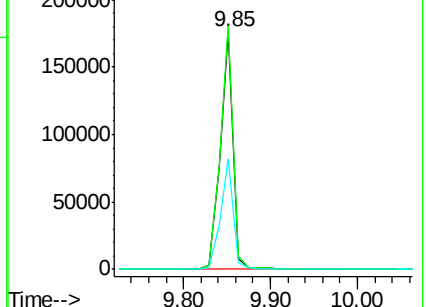
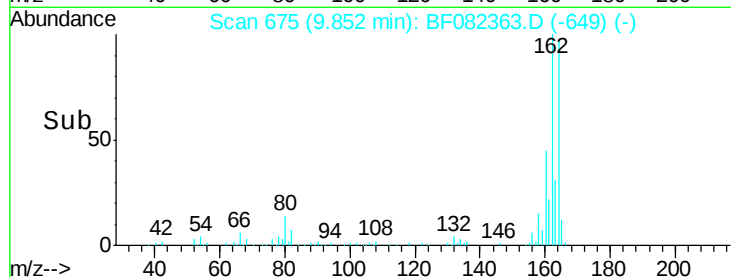
160 46.6 36.4 54.6



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: 86.09 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

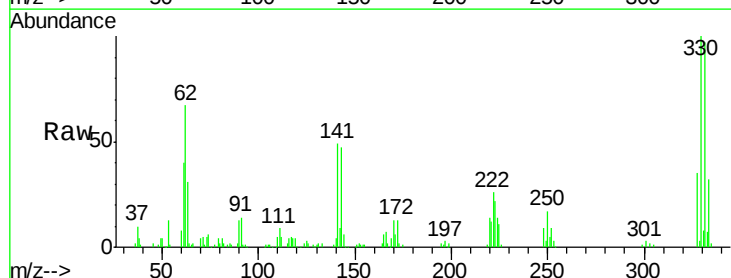
Tgt Ion:330 Resp: 148486

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

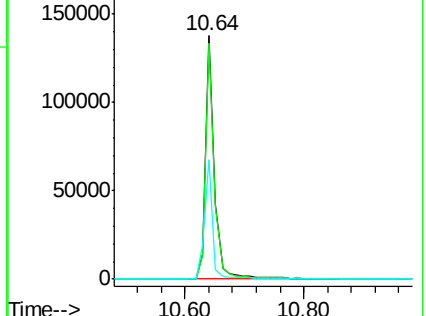
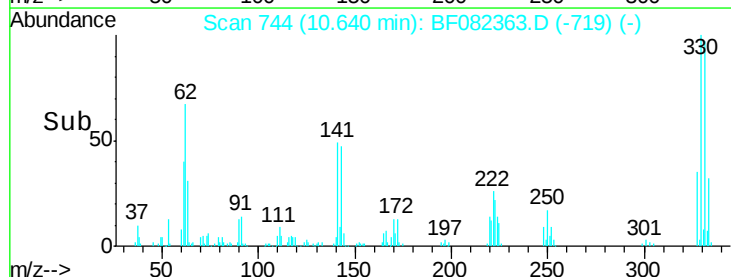
141 46.1 29.8 44.8#

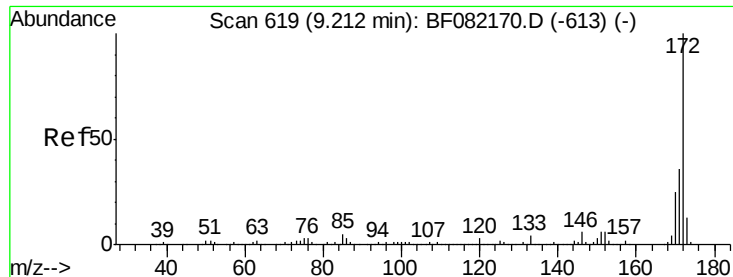


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

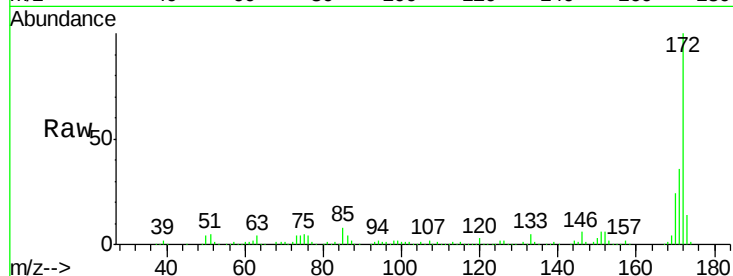




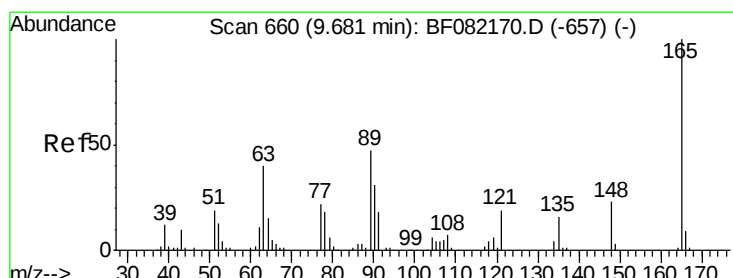
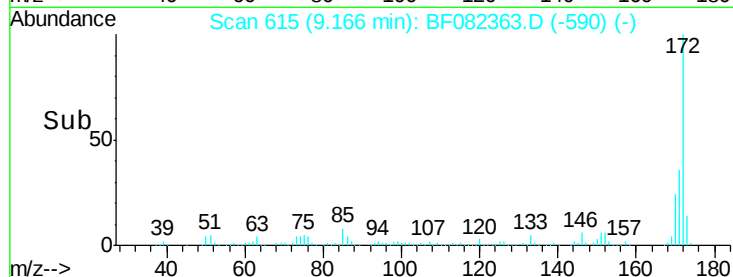
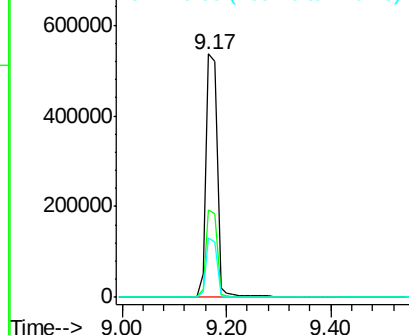
#44
 2-Fluorobiphenyl
 Concen: 73.11 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86165TB

Tot Ion:172 Resp: 810764
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 24.5 19.7 29.5

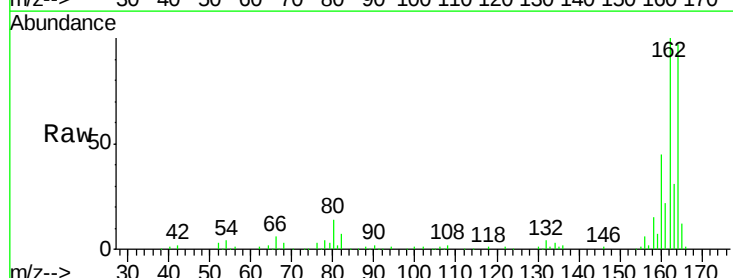


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

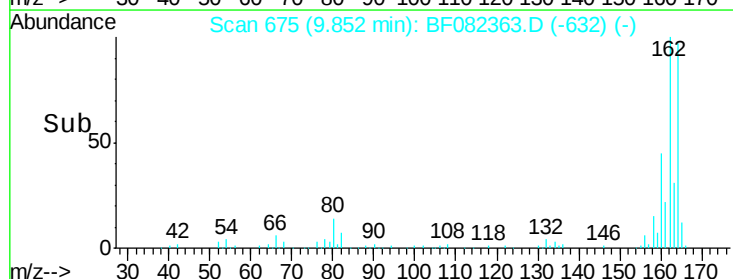
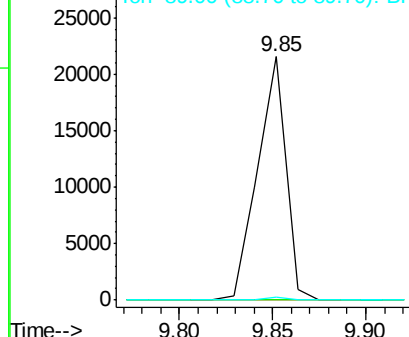


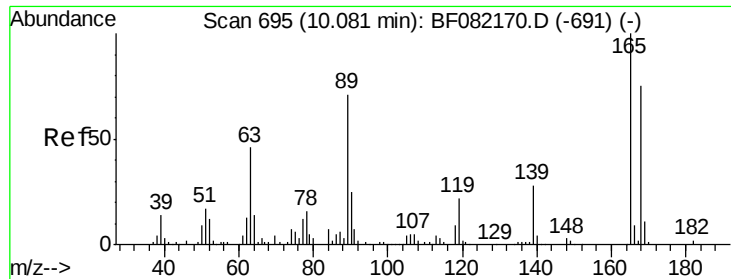
#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Tgt Ion:165 Resp: 22517
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 1.4 37.8 56.6#



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

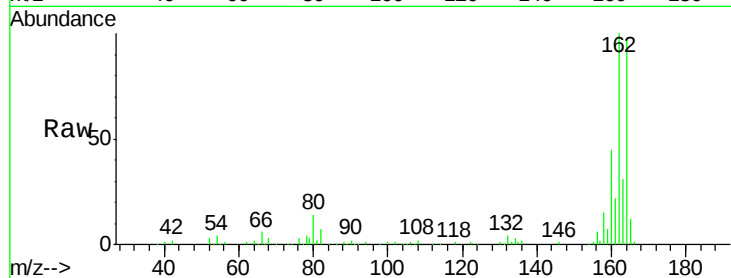




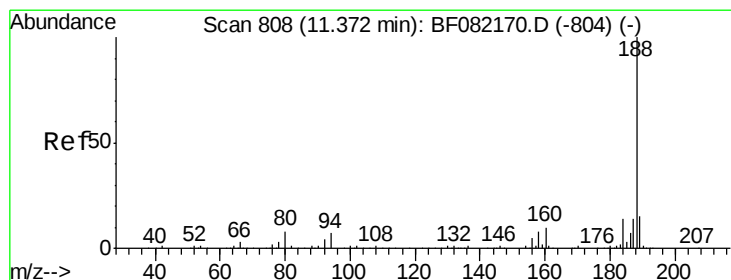
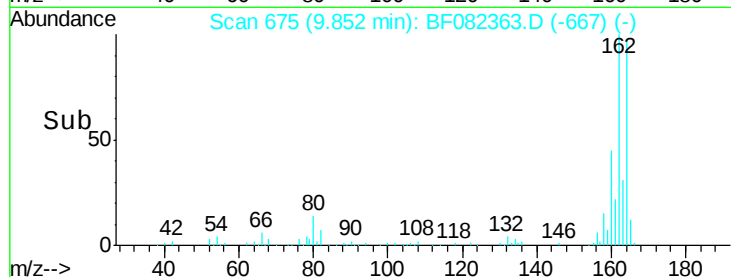
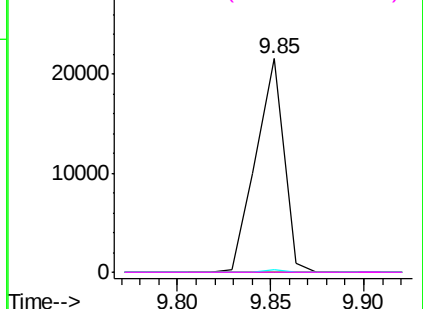
#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB86165TB

Tot Ion:165	Resp:	22517
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.6 58.0#
89	1.4	57.0 85.6#
182	0.0	1.8 2.6#

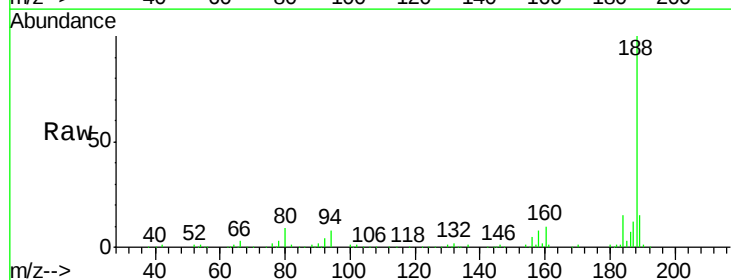


Abundance Ion 165.00 (164.70 to 165.70): E

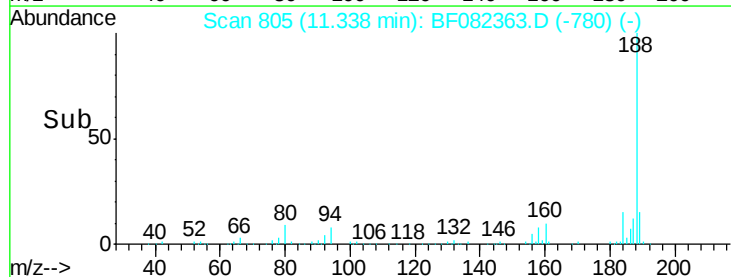
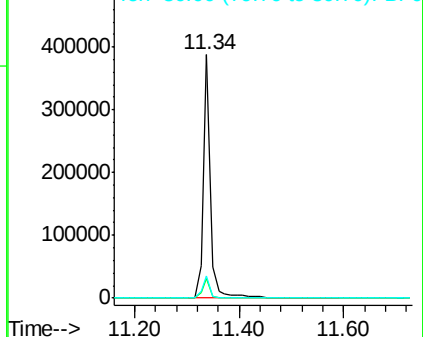


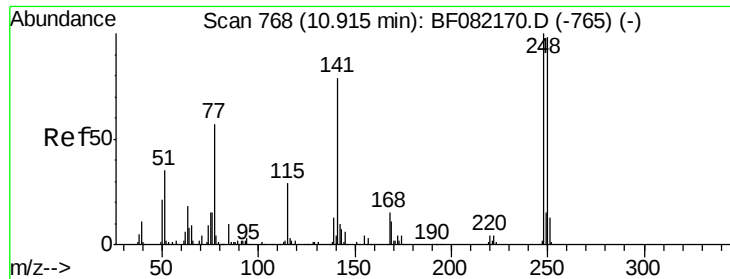
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF082363.D
 Acq: 19 Oct 2015 18:53

Tgt Ion:188	Resp:	370177
Ion Ratio	Lower	Upper
188	100	
94	8.0	5.8 8.6
80	8.9	6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

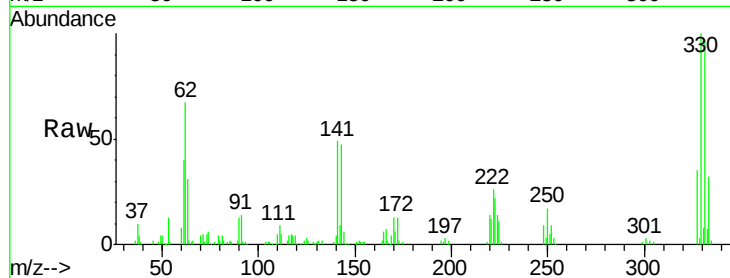




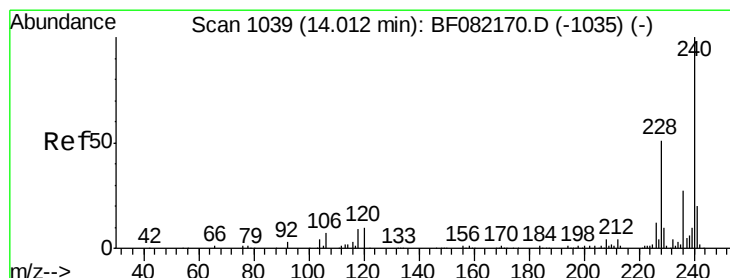
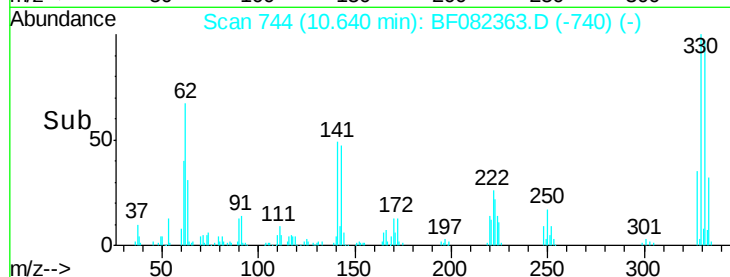
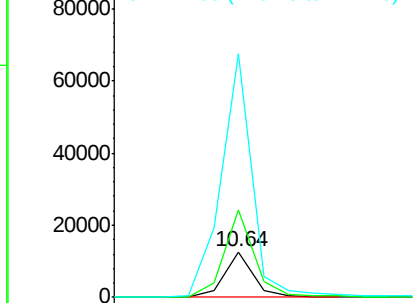
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF082363.D
Acq: 19 Oct 2015 18:53

Instrument :
BNA_F
ClientSampleId :
PB86165TB

Tot Ion:248 Resp: 11472
Ion Ratio Lower Upper
248 100
250 192.5 78.6 117.8#
141 538.4 63.3 94.9#

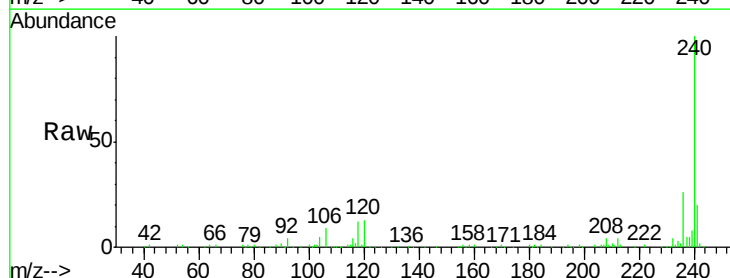


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

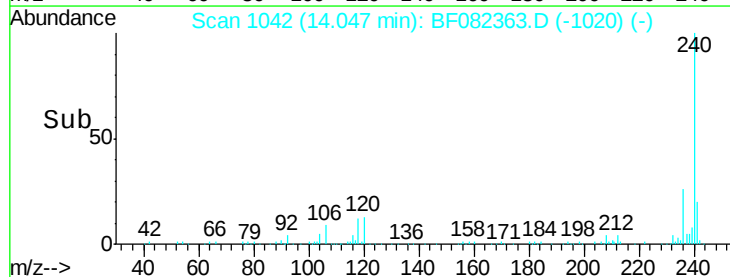
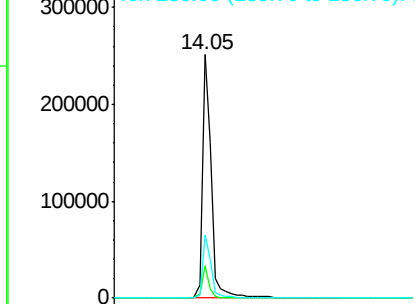


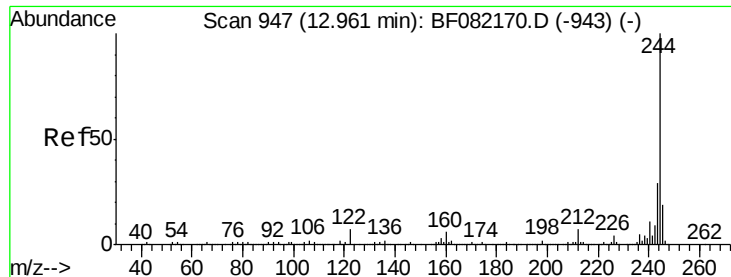
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF082363.D
Acq: 19 Oct 2015 18:53

Tgt Ion:240 Resp: 335343
Ion Ratio Lower Upper
240 100
120 13.3 8.1 12.1#
236 25.7 21.3 31.9



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: 67.12 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

Instrument :

BNA_F

ClientSampleId :

PB86165TB

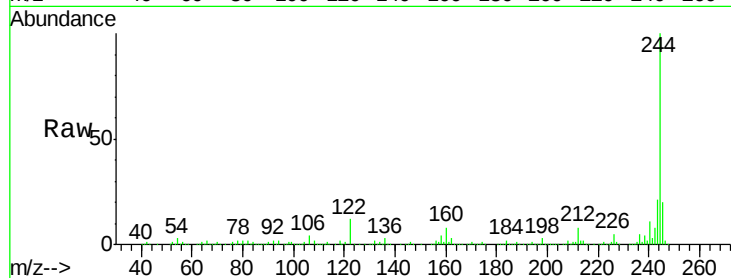
Tot Ion:244 Resp: 849416

Ion Ratio Lower Upper

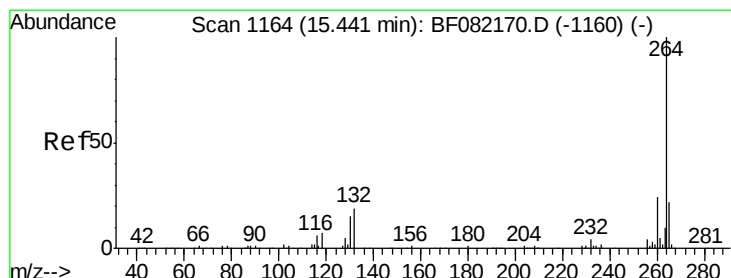
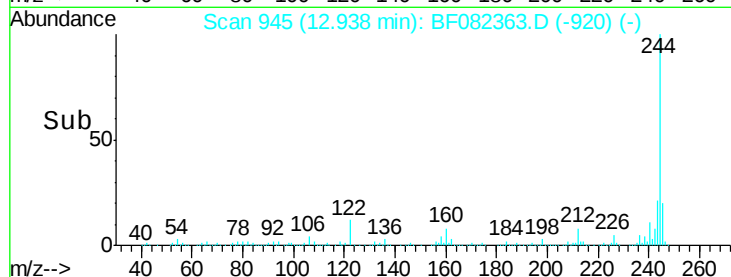
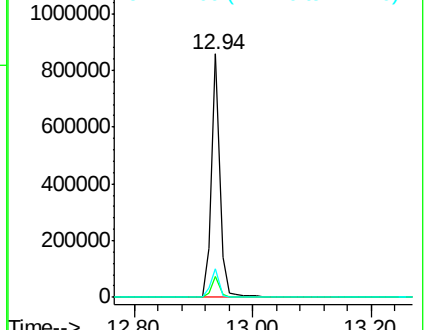
244 100

212 8.4 5.8 8.6

122 11.7 5.9 8.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1179

Delta R.T. -0.06 min

Lab File: BF082363.D

Acq: 19 Oct 2015 18:53

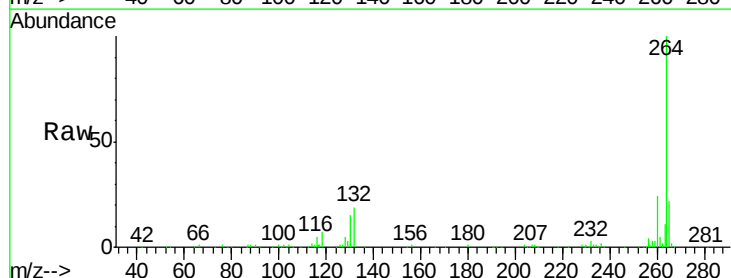
Tgt Ion:264 Resp: 258459

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.6 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

