

Data Path : Z:\HPCHEM1\BNA F\Data\BF111615\
 Data File : BF082964.D
 Acq On : 17 Nov 2015 9:25
 Operator : UM/IZ
 Sample : G4370-01RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01RE

Quant Time: Nov 17 10:08:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

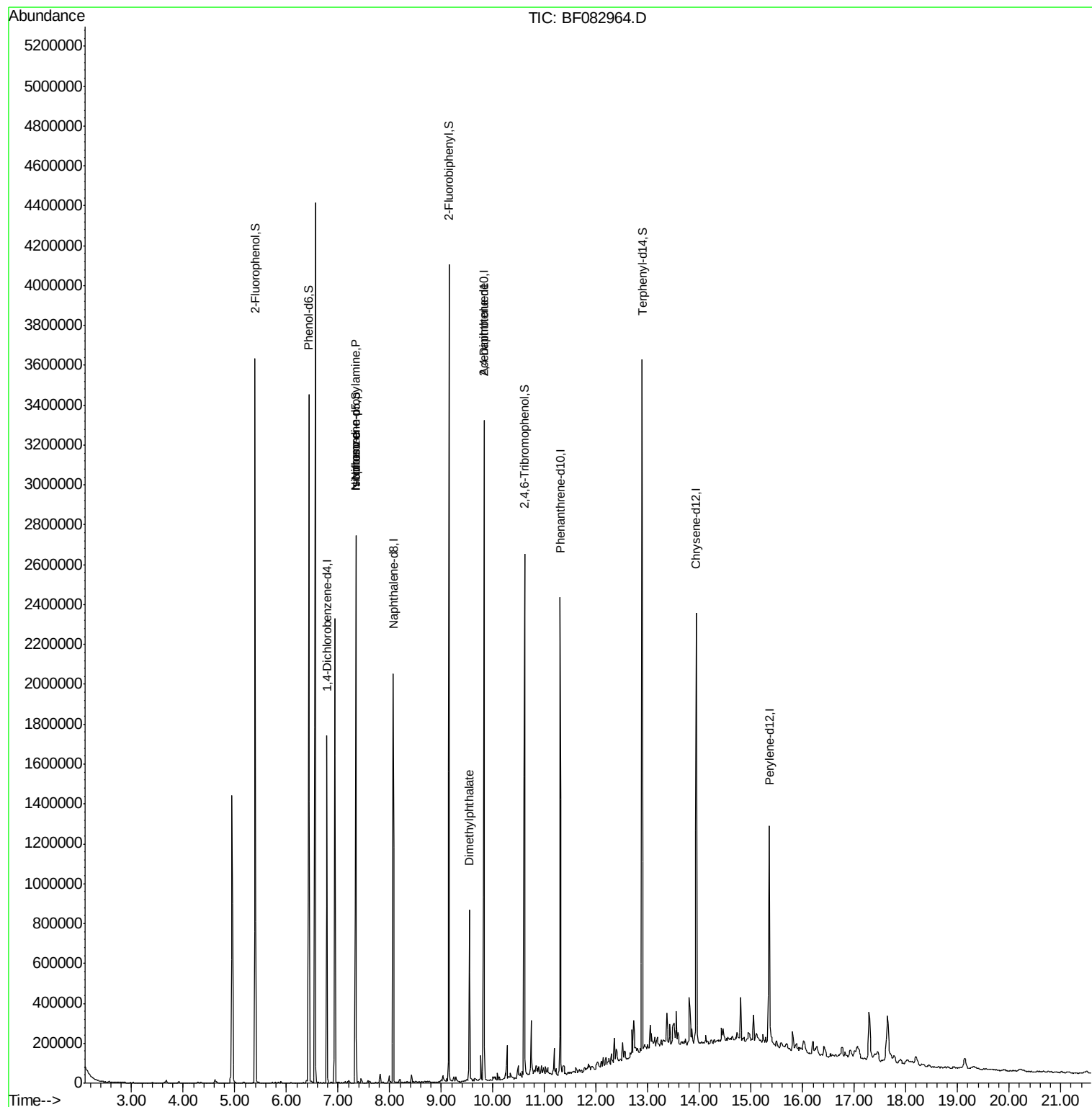
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	300781	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	1120870	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	658580	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	1080962	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	860565	20.00	ng	-0.08
86) Perylene-d12	15.36	264	676567	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	985690	50.99	ng	-0.06
7) Phenol-d6	6.43	99	1430279	55.65	ng	-0.06
23) Nitrobenzene-d5	7.34	82	941800	36.56	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	349560	46.29	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1313135	28.58	ng	-0.07
78) Terphenyl-d14	12.89	244	1099586	30.31	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	127067	6.73	ng	# 71
25) Isophorone	7.34	82	933968	19.60	ng	# 69
49) Dimethylphthalate	9.54	163	451135	8.36	ng	99
56) 2,4-Dinitrotoluene	9.82	165	85320	5.46	ng	# 16

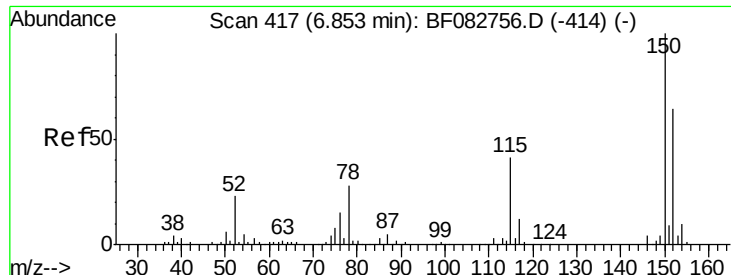
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01RE

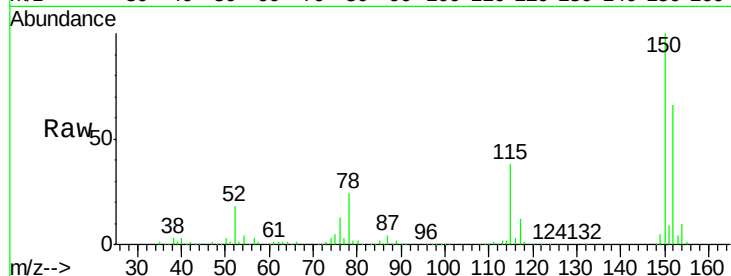
Tot Ion:152 Resp: 300781

Ion Ratio Lower Upper

152 100

150 151.0 127.0 190.4

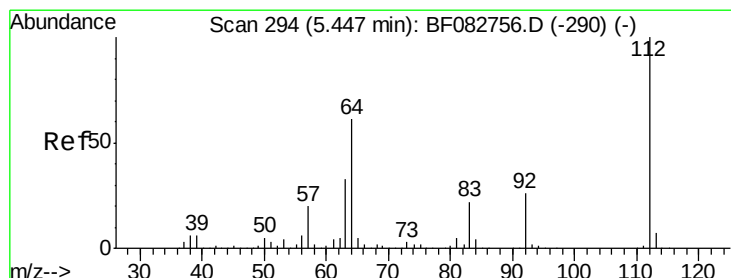
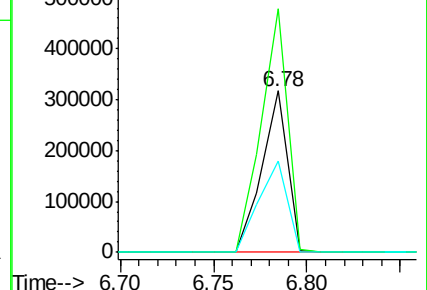
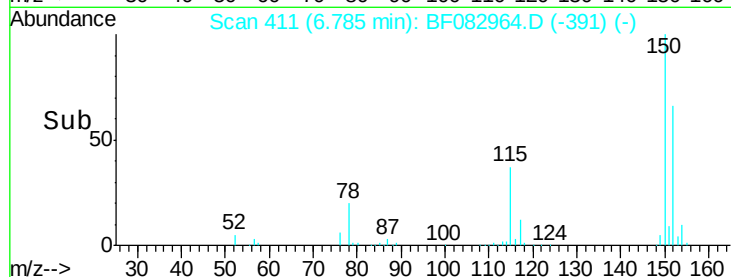
115 56.8 47.0 70.6



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: 50.99 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

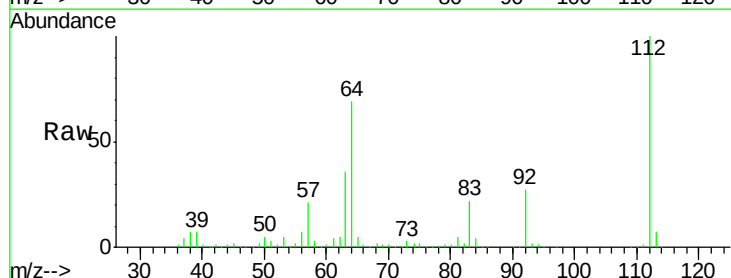
Tgt Ion:112 Resp: 985690

Ion Ratio Lower Upper

112 100

64 69.3 48.9 73.3

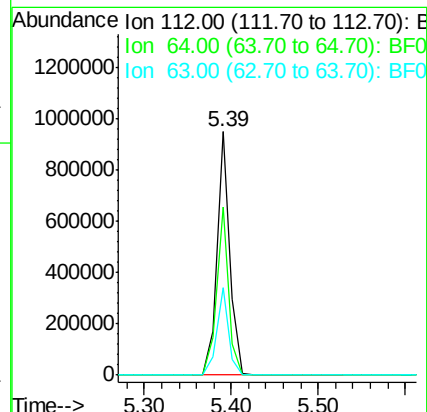
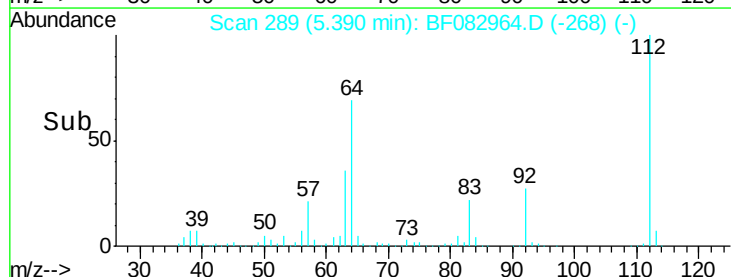
63 35.9 28.1 42.1

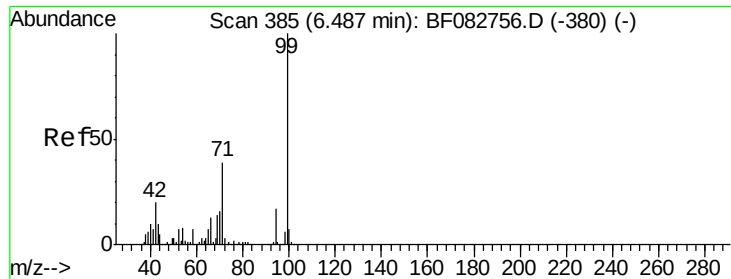


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.65 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01RE

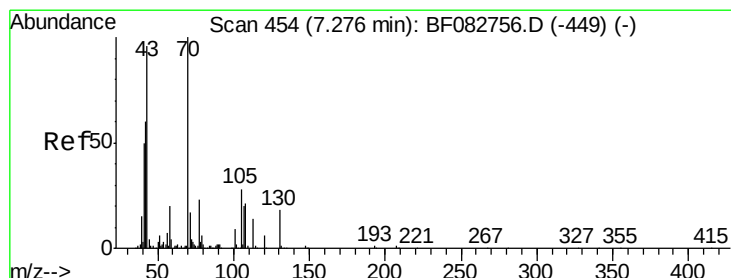
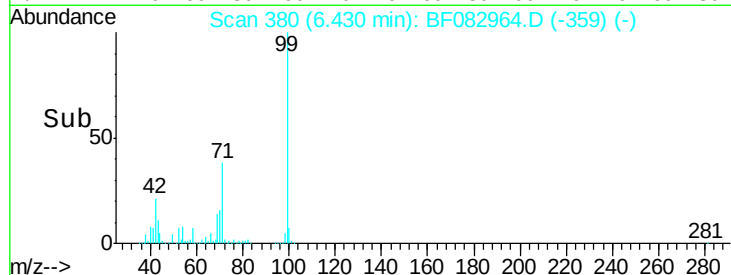
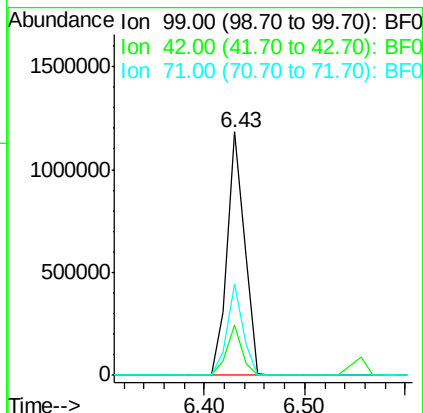
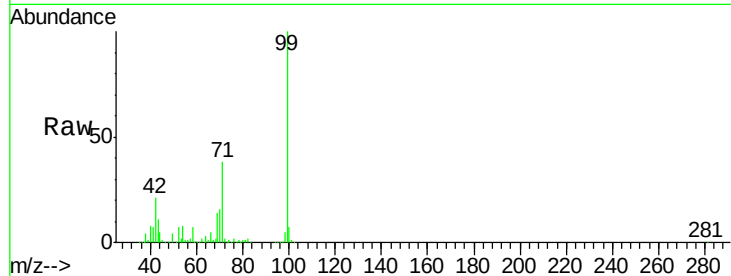
Tot Ion: 99 Resp: 1430279

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

71 37.6 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 6.73 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.07 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Tgt Ion: 70 Resp: 127067

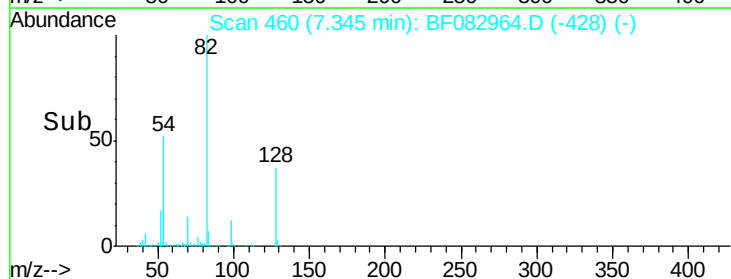
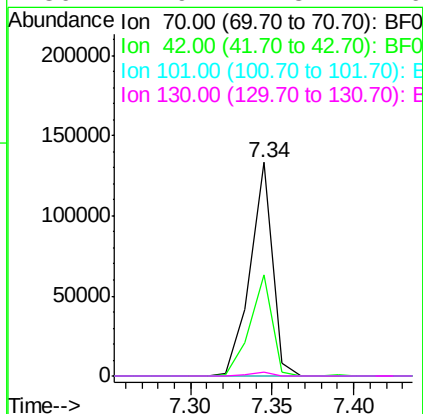
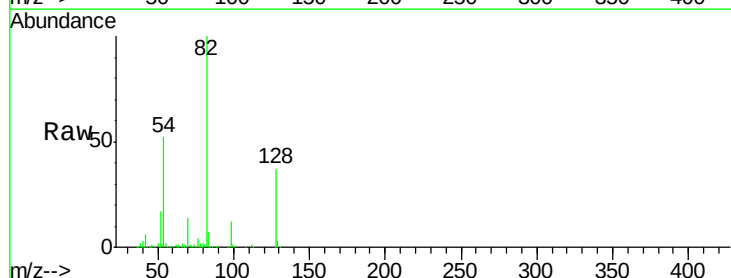
Ion Ratio Lower Upper

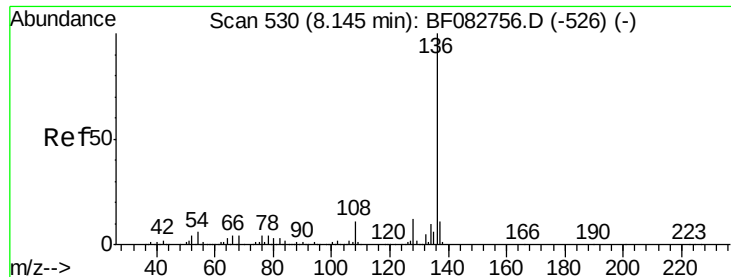
70 100

42 47.4 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01RE

Tot Ion:136 Resp: 1120870

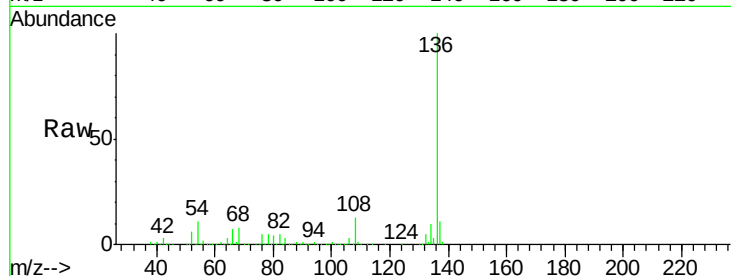
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.4 9.1 13.7

68 7.9 4.8 7.2#

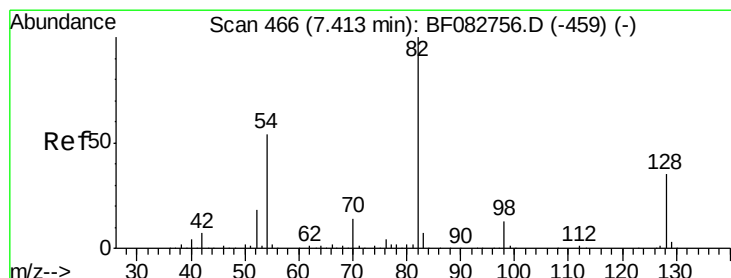
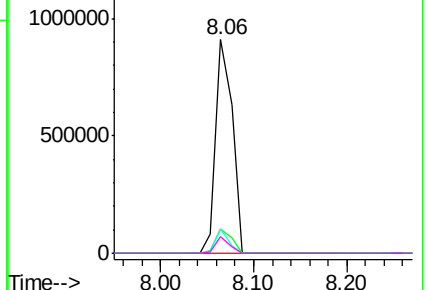
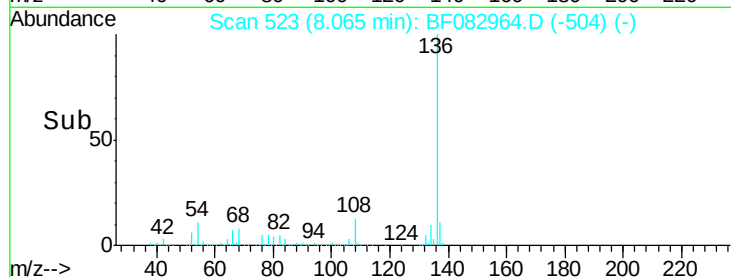


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.56 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.07 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

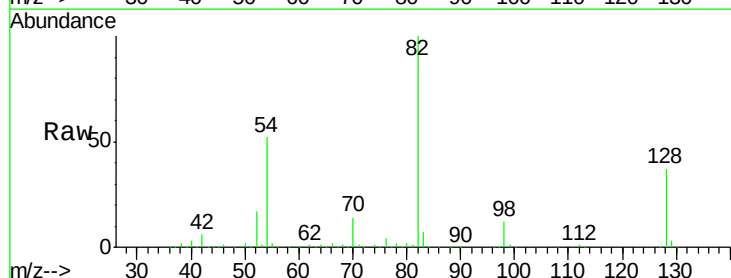
Tgt Ion: 82 Resp: 941800

Ion Ratio Lower Upper

82 100

128 37.5 26.8 40.2

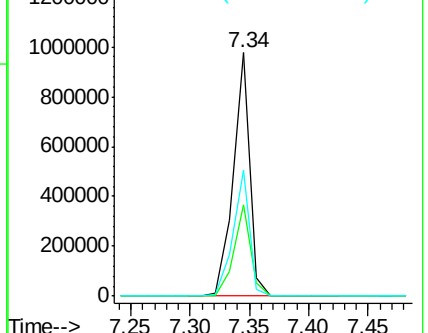
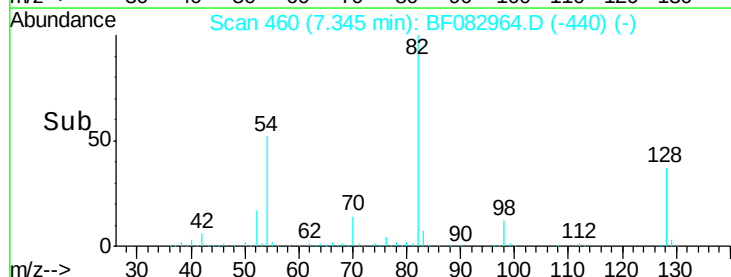
54 51.8 45.7 68.5

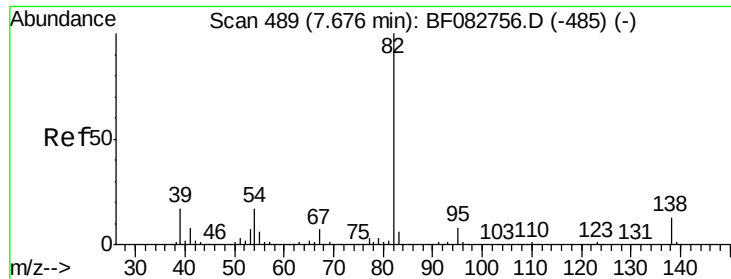


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 19.60 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.33 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01RE

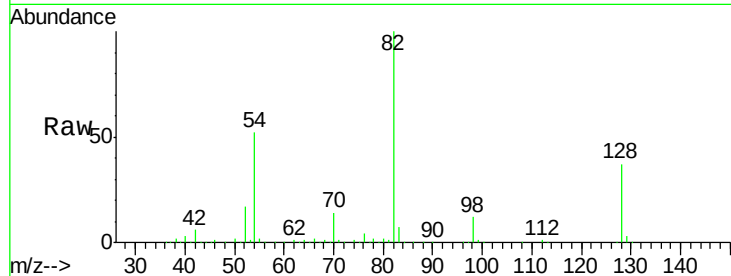
Tot Ion: 82 Resp: 933968

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

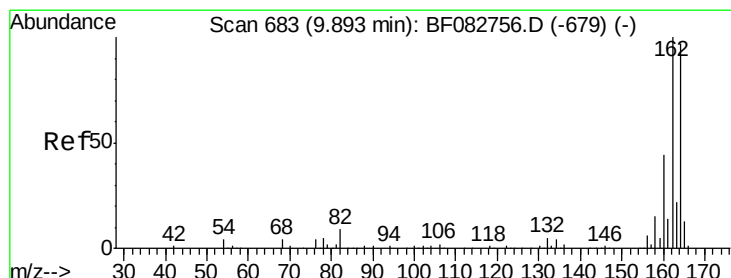
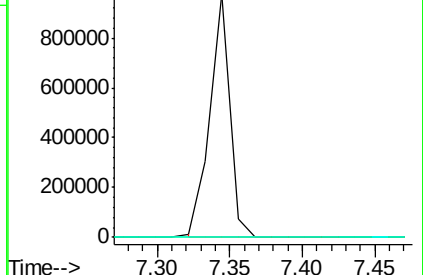
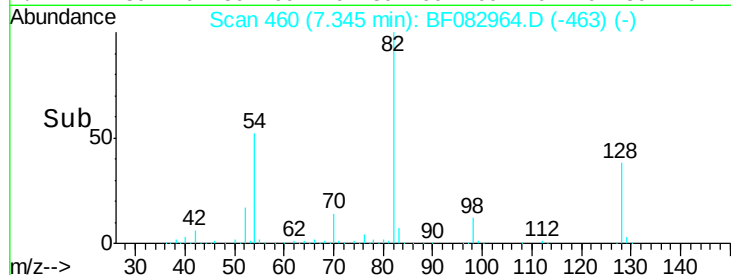
138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF082756.D (-485) (-)

Ion 95.00 (94.70 to 95.70): BF082964.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF082964.D (-463) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

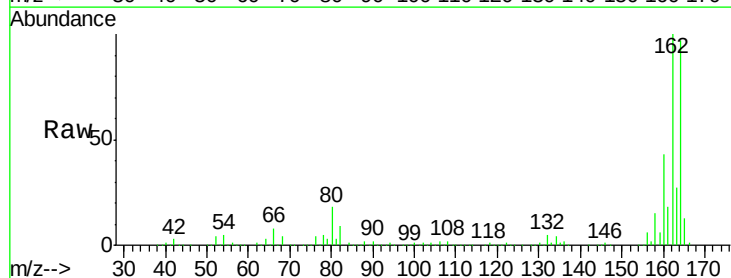
Tgt Ion: 164 Resp: 658580

Ion Ratio Lower Upper

164 100

162 103.2 84.9 127.3

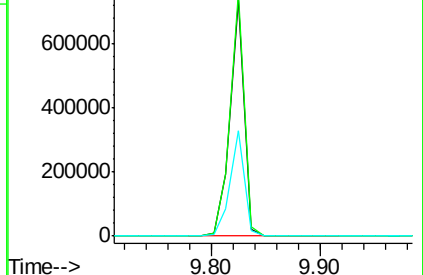
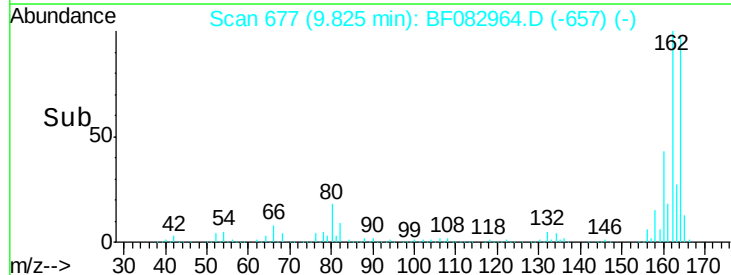
160 44.8 37.5 56.3

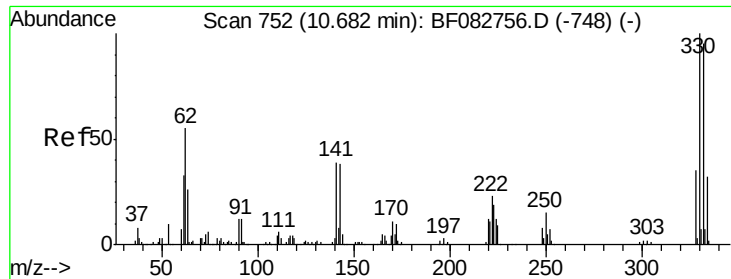


Abundance Ion 164.00 (163.70 to 164.70): BF082756.D (-679) (-)

Ion 162.00 (161.70 to 162.70): BF082964.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF082964.D (-657) (-)

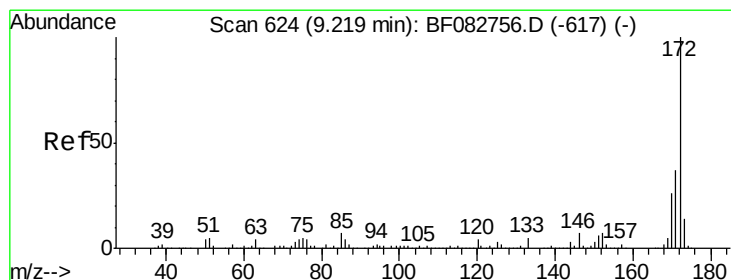
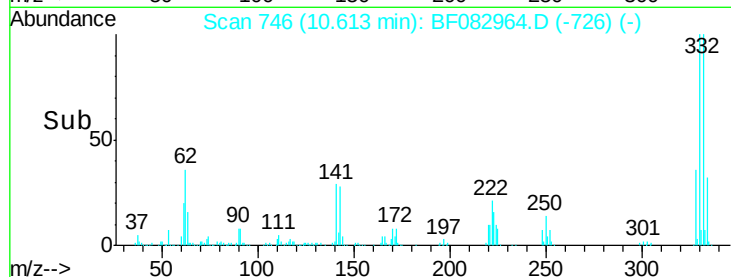
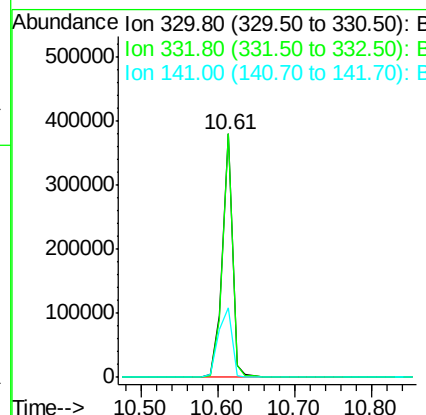
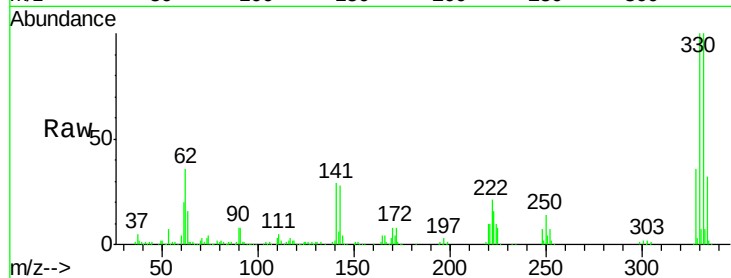




#41
 2,4,6-Tribromophenol
 Concen: 46.29 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082964.D
 Acq: 17 Nov 2015 9:25

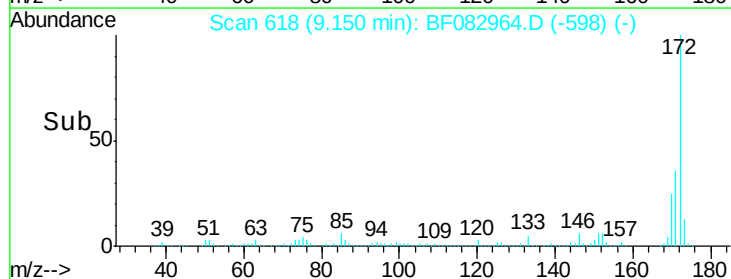
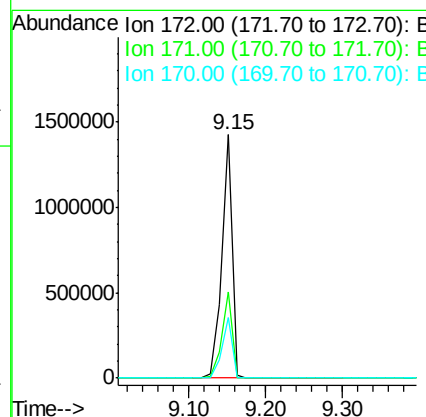
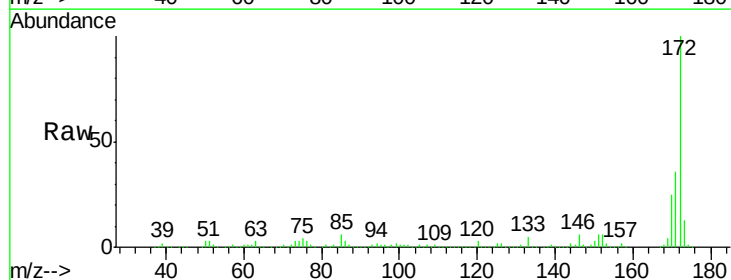
Instrument :
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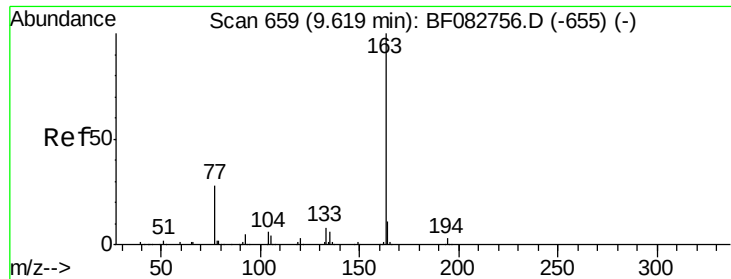
Tot Ion:330 Resp: 349560
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 38.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 28.58 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082964.D
 Acq: 17 Nov 2015 9:25

Tgt Ion:172 Resp: 1313135
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.8 46.2
 170 24.6 21.2 31.8

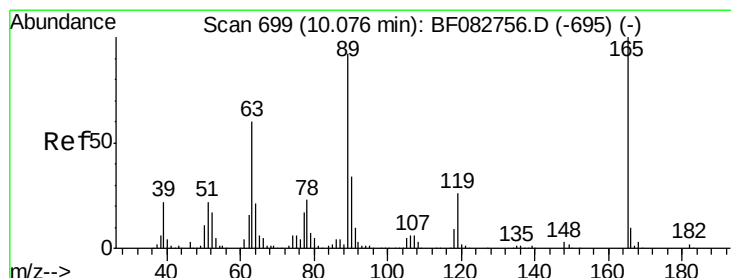
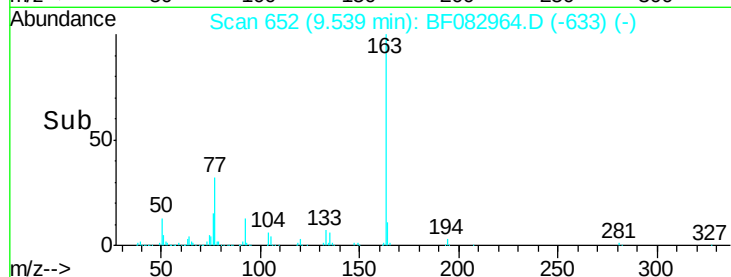
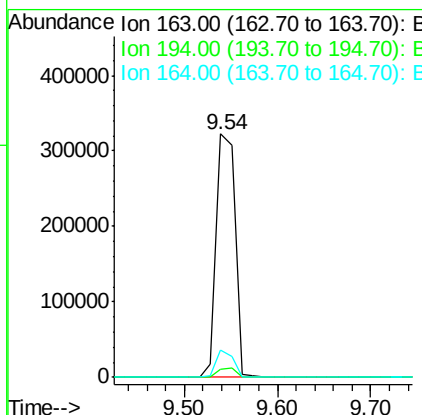
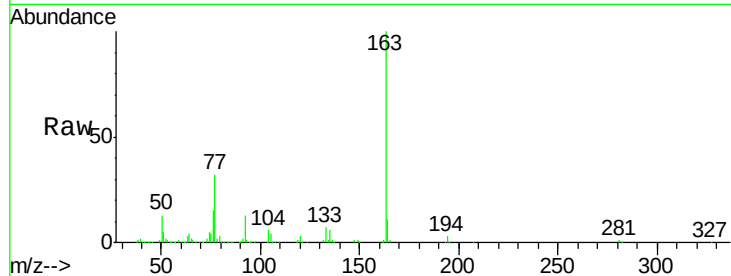




#49
Dimethylphthalate
Concen: 8.36 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF082964.D
Acq: 17 Nov 2015 9:25

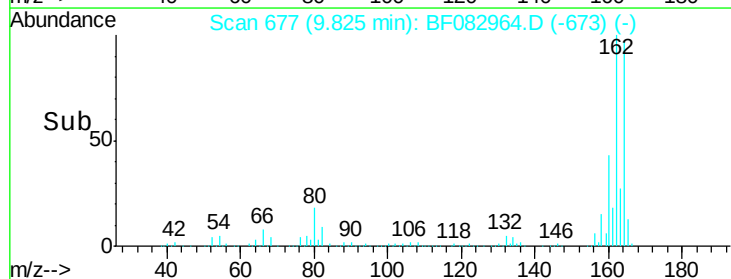
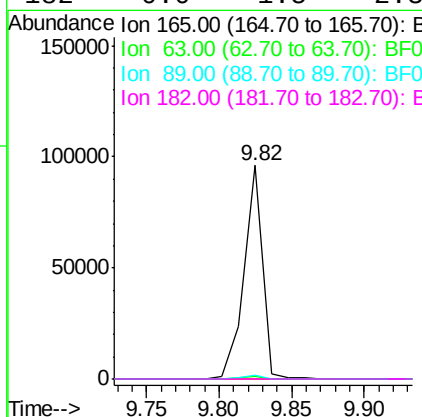
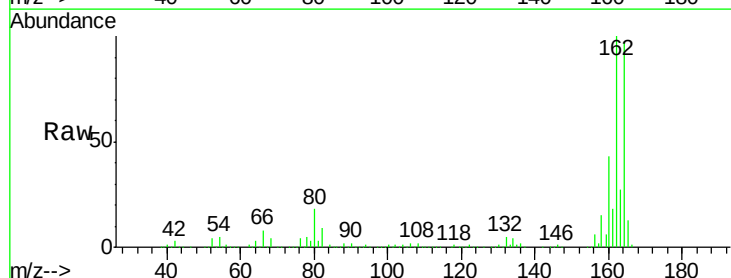
Instrument :
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P001-TS001-01RE

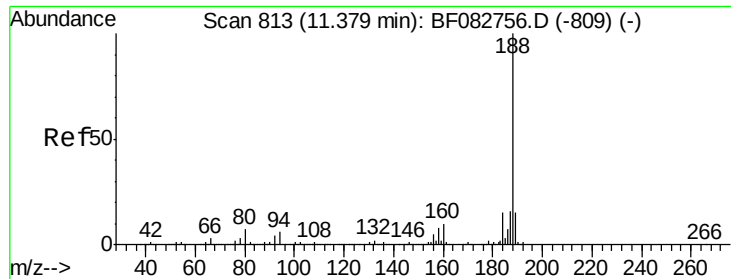
Tot Ion:163 Resp: 451135
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.2 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.25 min
Lab File: BF082964.D
Acq: 17 Nov 2015 9:25

Tgt Ion:165 Resp: 85320
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.8 70.6 106.0#
182 0.0 1.5 2.3#

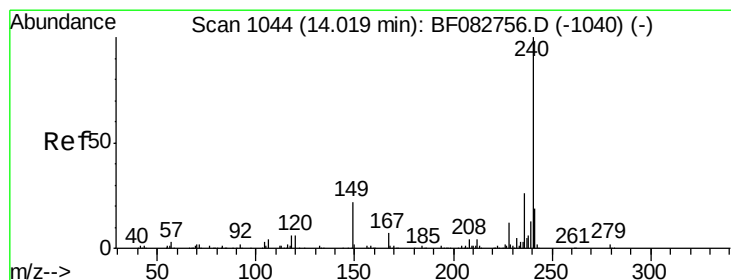
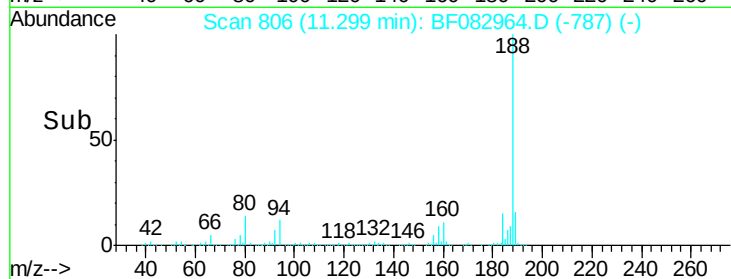
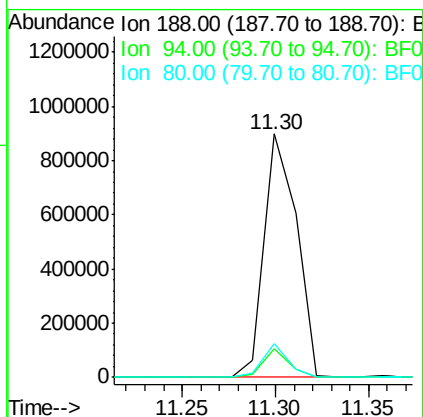
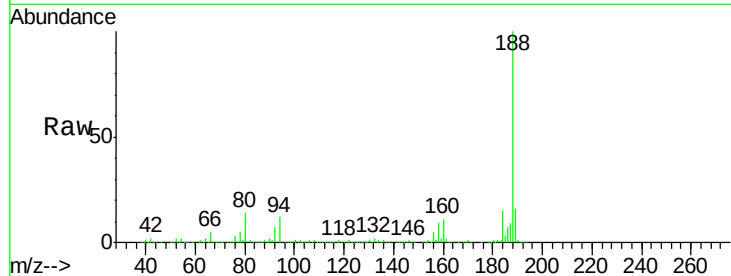




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082964.D
Acq: 17 Nov 2015 9:25

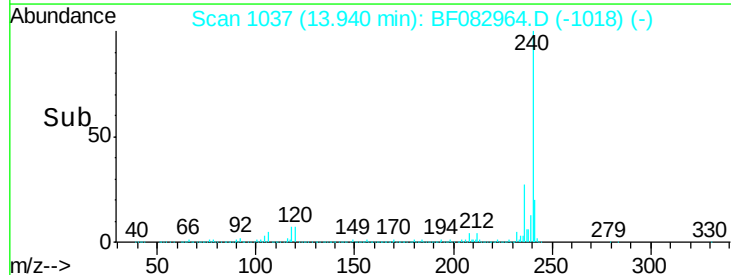
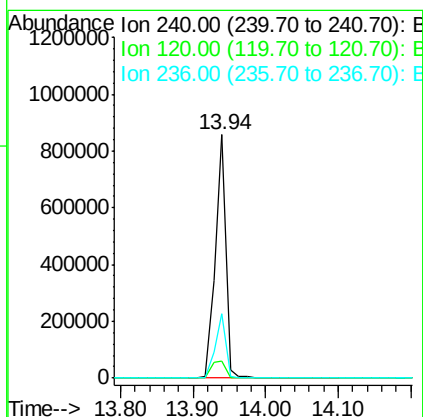
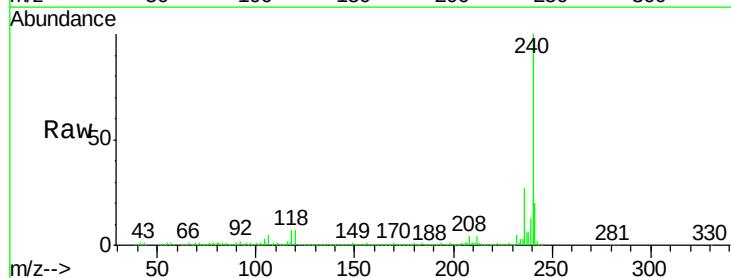
Instrument :
BNA_F
ClientSampleId :
P001-TS001-01RE

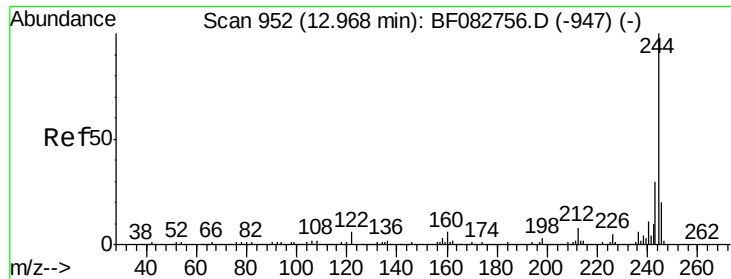
Tot Ion:188 Resp: 1080962
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 13.9 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082964.D
Acq: 17 Nov 2015 9:25

Tgt Ion:240 Resp: 860565
Ion Ratio Lower Upper
240 100
120 7.0 10.9 16.3#
236 26.7 21.6 32.4





#78

Terphenyl-d14

Concen: 30.31 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Instrument :

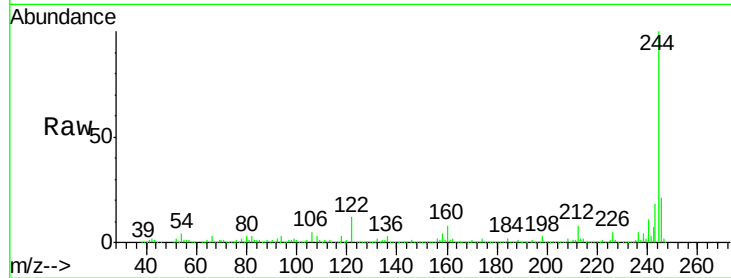
BNA_F

ClientSampleId :

P001-TS001-01RE

Tot Ion:244 Resp: 1099586

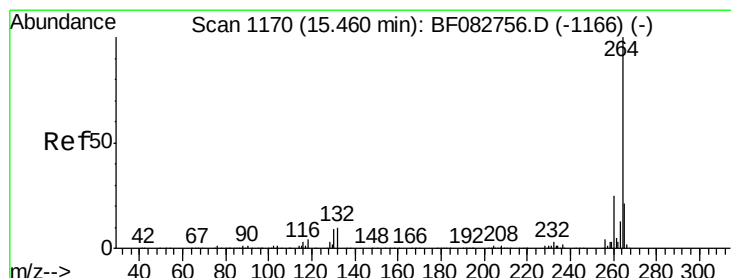
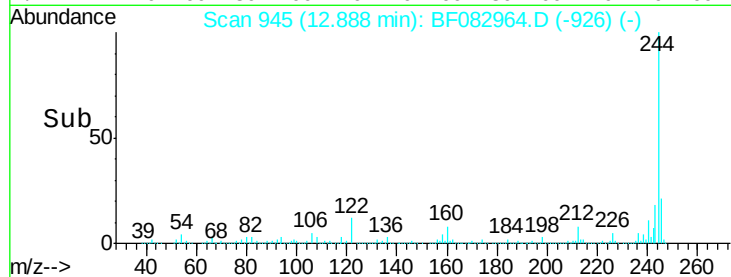
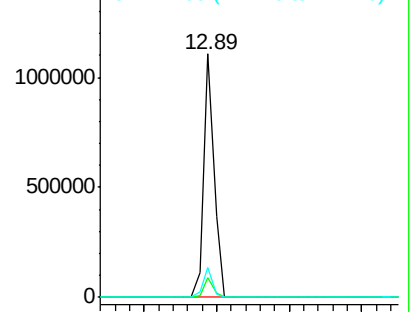
Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	12.3	11.3	16.9



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: 15.36 min Scan# 1161

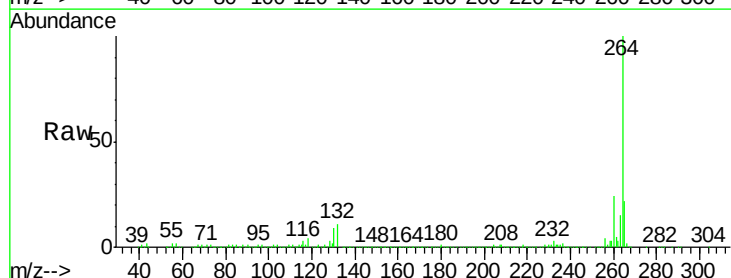
Delta R.T. -0.10 min

Lab File: BF082964.D

Acq: 17 Nov 2015 9:25

Tgt Ion:264 Resp: 676567

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.9	17.4	26.0



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

