

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111615\
 Data File : BF082965.D
 Acq On : 17 Nov 2015 9:54
 Operator : UM/IZ
 Sample : G4370-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01RE

Quant Time: Nov 17 10:40:26 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

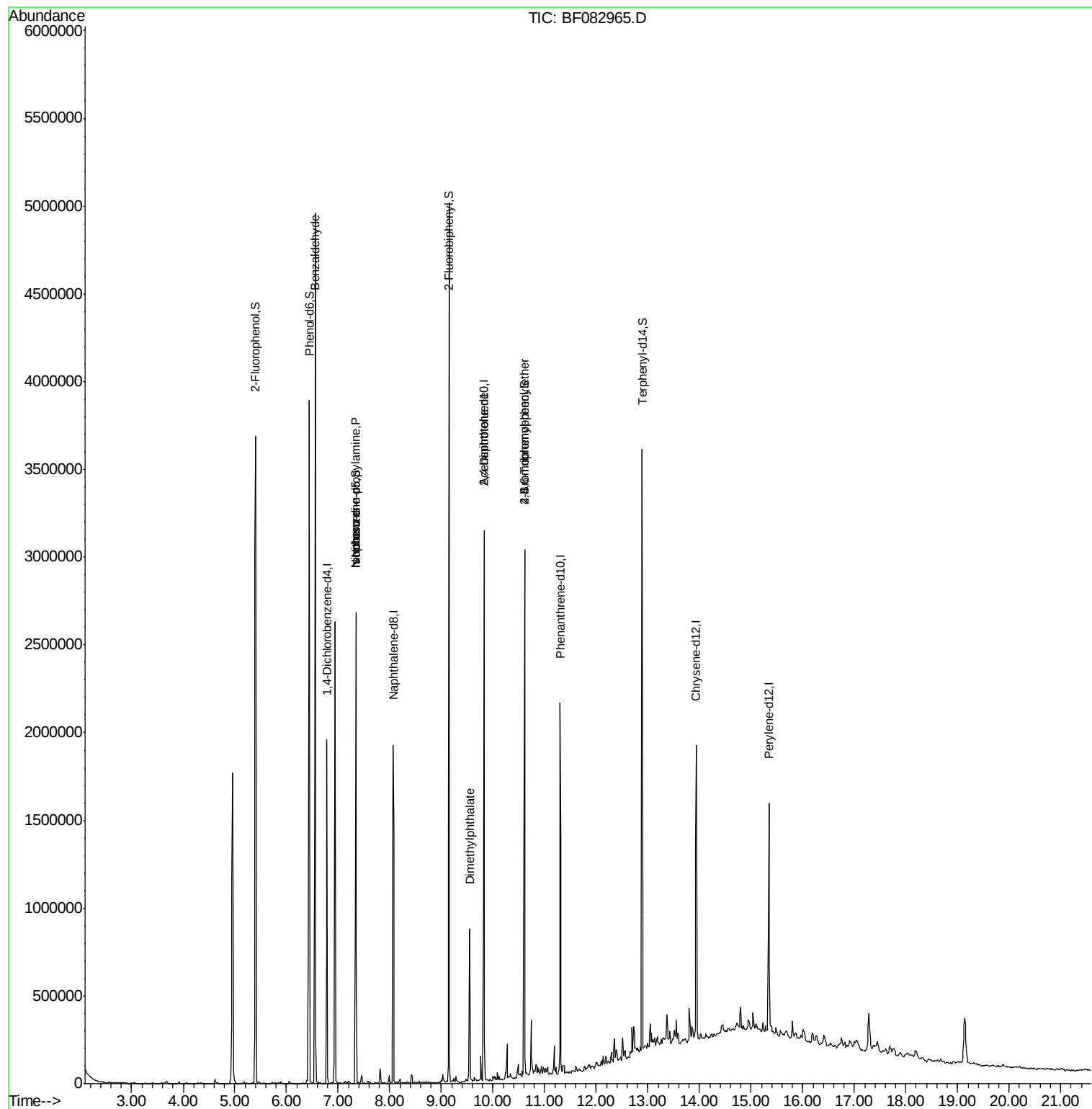
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	308276	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	1153410	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	615793	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	993311	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	732448	20.00	ng	-0.08
86) Perylene-d12	15.35	264	622579	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1346008	67.94	ng	-0.05
7) Phenol-d6	6.44	99	1904283	72.30	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1030864	38.89	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	367875	52.10	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1437351	33.45	ng	-0.07
78) Terphenyl-d14	12.89	244	1041797	33.74	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.56	77	33891	2.33	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.34	70	136596	7.05	ng	# 71
25) Isophorone	7.34	82	1025189	20.90	ng	# 69
49) Dimethylphthalate	9.55	163	554601	10.99	ng	# 97
56) 2,4-Dinitrotoluene	9.82	165	80122	5.49	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	27370	2.29	ng	# 1

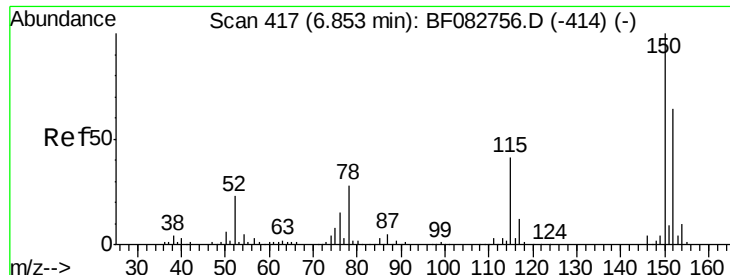
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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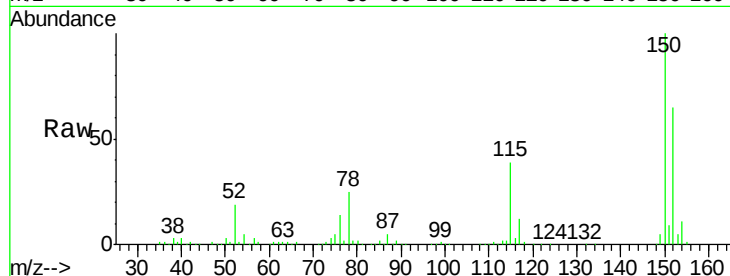




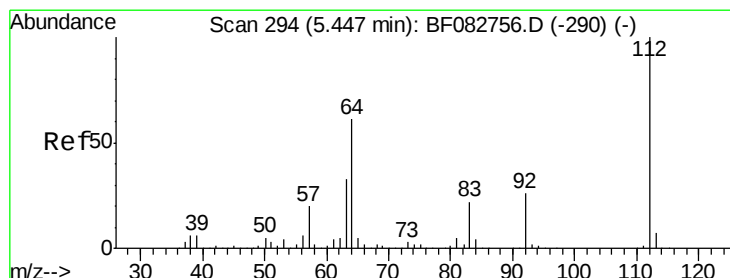
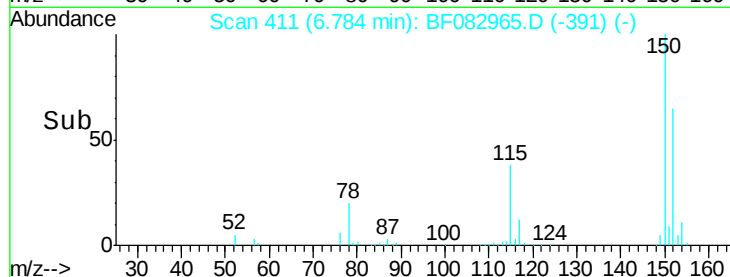
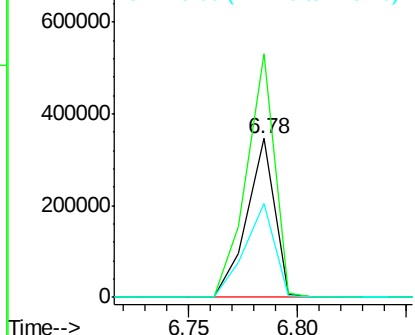
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01RE

Tgt Ion:152 Resp: 308276
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.0 190.4
 115 59.2 47.0 70.6

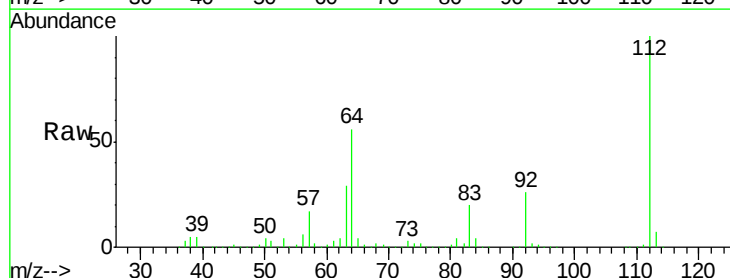


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

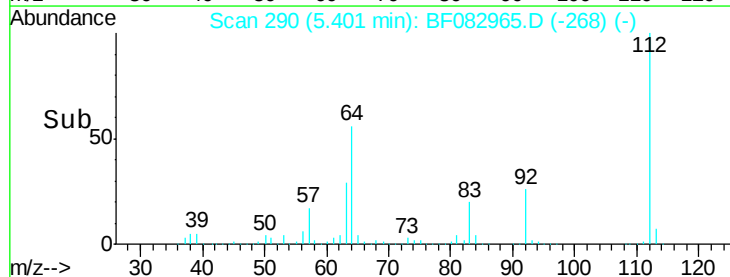
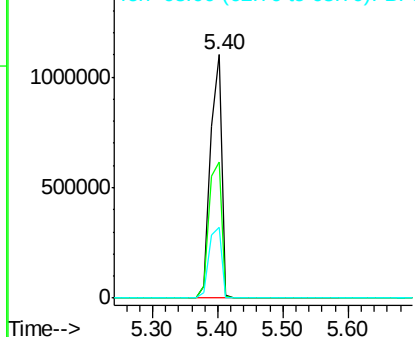


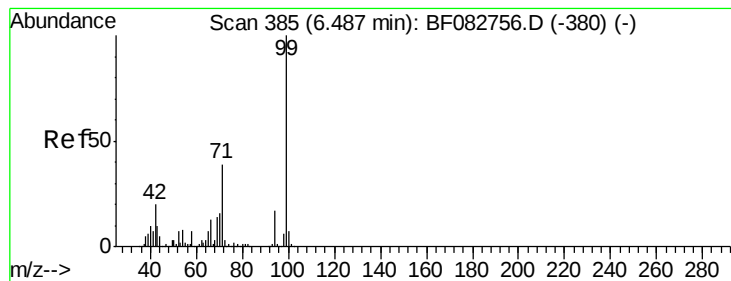
#5
 2-Fluorophenol
 Concen: 67.94 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Tgt Ion:112 Resp: 1346008
 Ion Ratio Lower Upper
 112 100
 64 56.0 48.9 73.3
 63 29.3 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: 72.30 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01RE

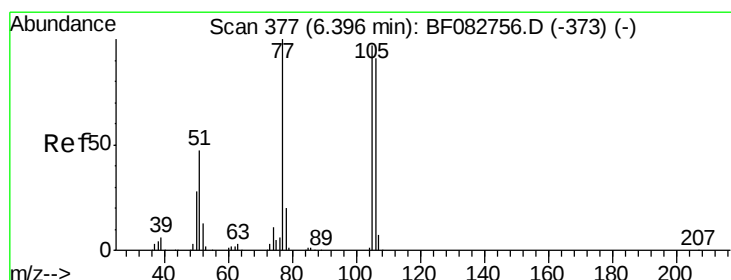
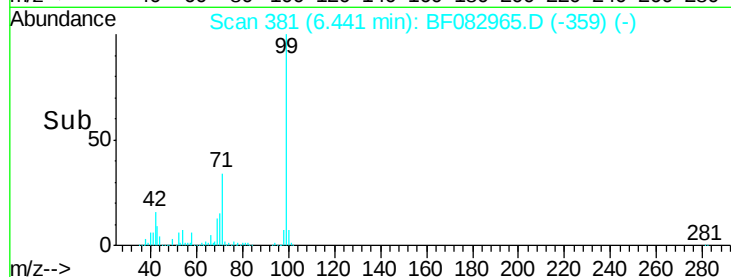
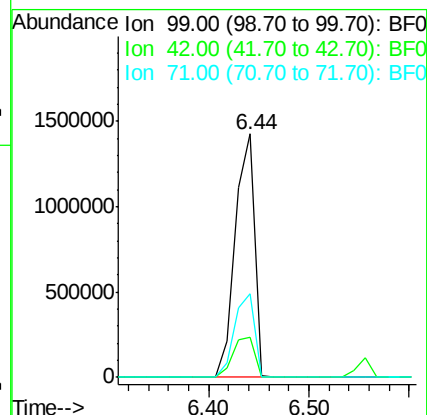
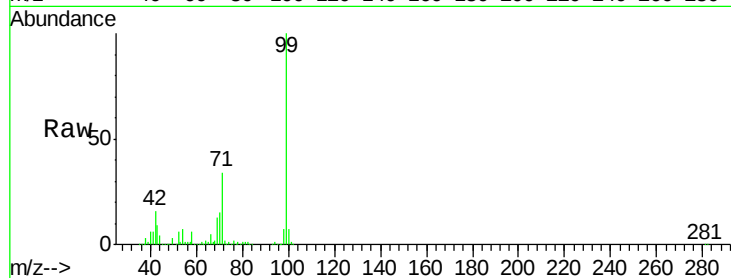
Tgt Ion: 99 Resp: 1904283

Ion Ratio Lower Upper

99 100

42 16.3 19.2 28.8#

71 34.2 35.0 52.4#



#9

Benzaldehyde

Concen: 2.33 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

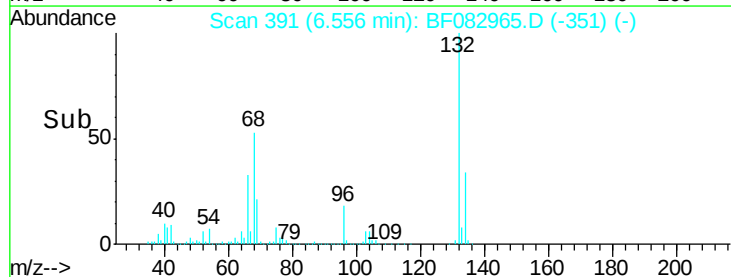
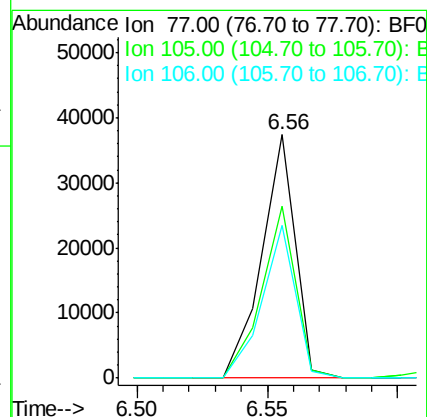
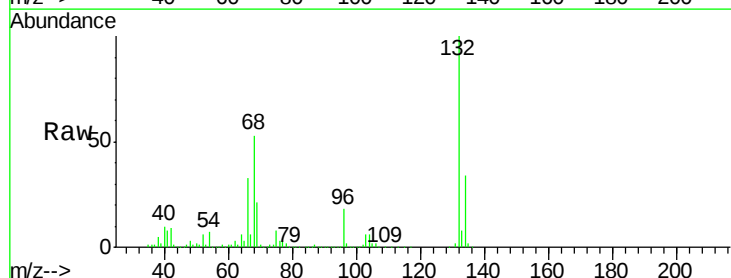
Tgt Ion: 77 Resp: 33891

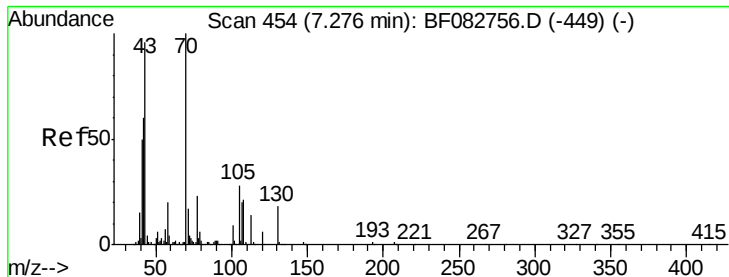
Ion Ratio Lower Upper

77 100

105 70.8 63.5 103.5

106 62.6 59.3 99.3

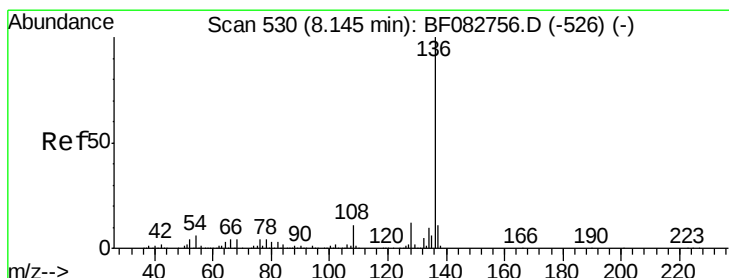
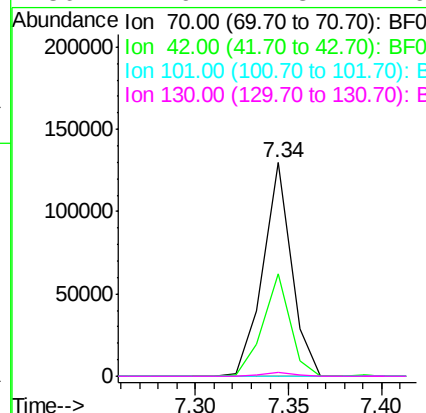
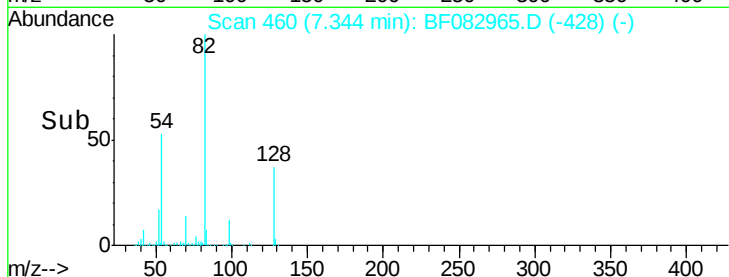
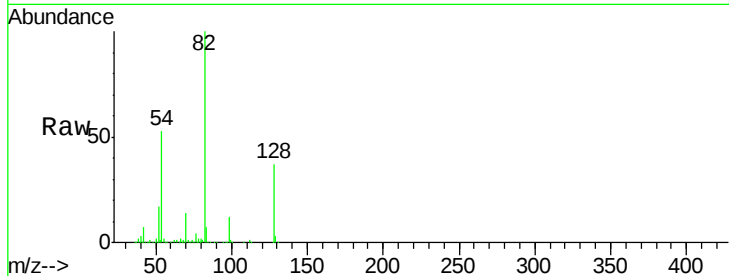




#19
n-Nitroso-di-n-propylamine
Concen: 7.05 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.07 min
Lab File: BF082965.D
Acq: 17 Nov 2015 9:54

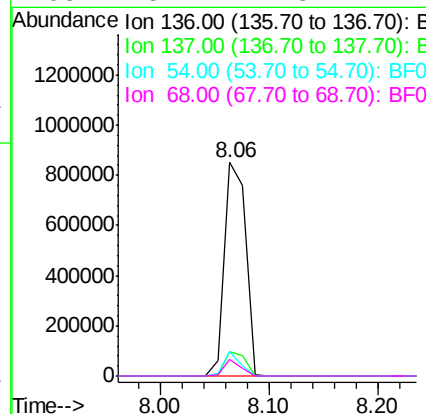
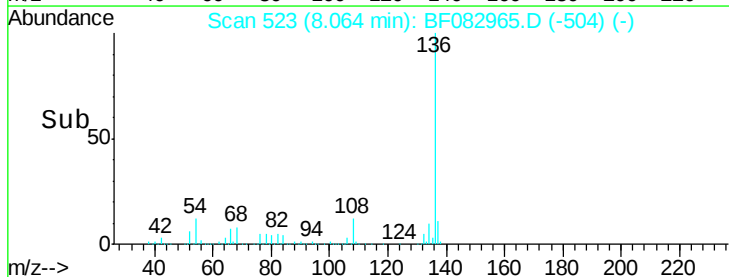
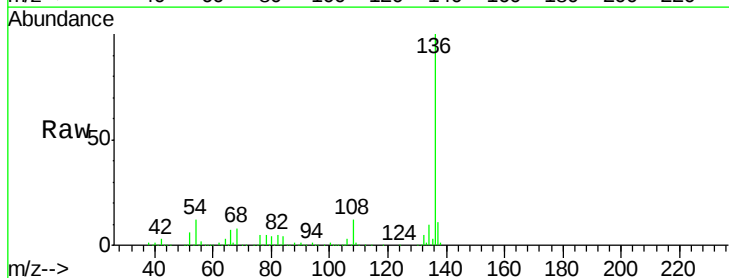
Instrument :
BNA_F
ClientSampleId :
P001-TS002-01RE

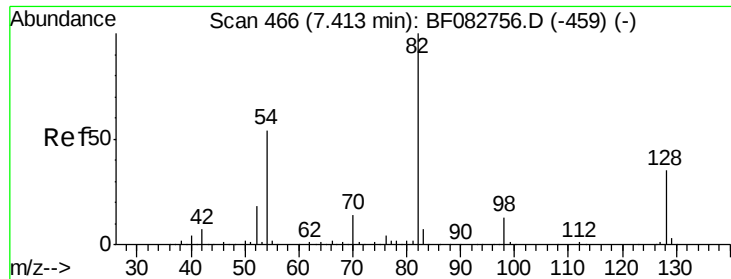
Tgt Ion:	70	Resp:	136596
Ion Ratio	Lower	Upper	
70	100		
42	48.2	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082965.D
Acq: 17 Nov 2015 9:54

Tgt Ion:	136	Resp:	1153410
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	11.6	9.1	13.7
68	8.1	4.8	7.2#

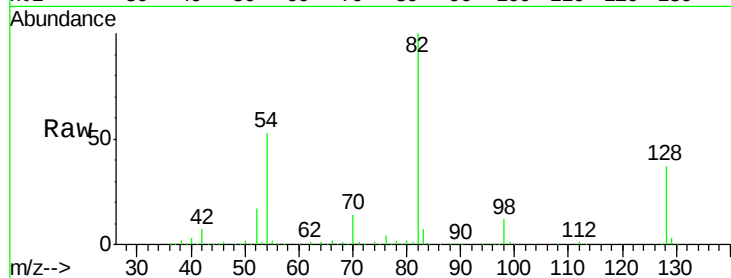




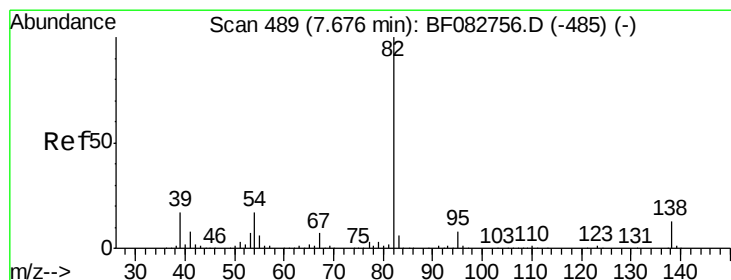
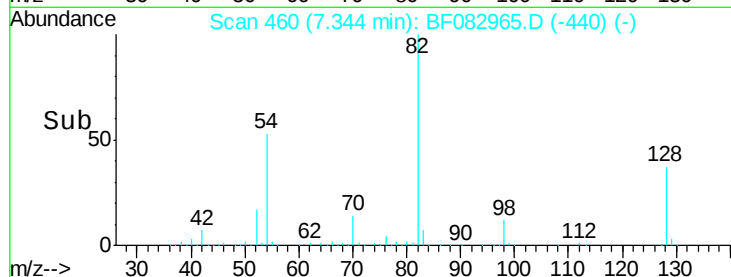
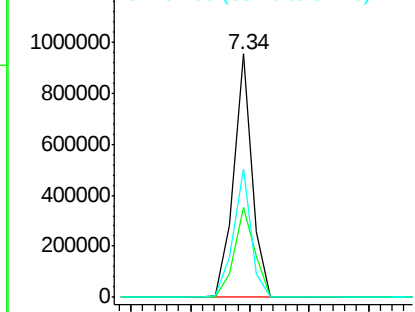
#23
 Nitrobenzene-d5
 Concen: 38.89 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01RE

Tgt Ion: 82 Resp: 1030864
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.8 40.2
 54 52.6 45.7 68.5

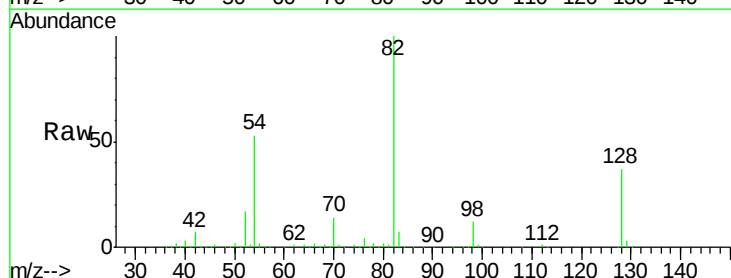


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

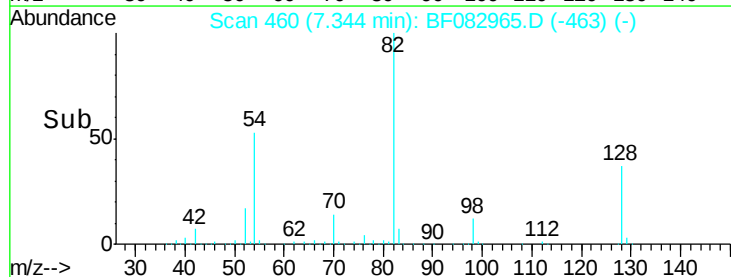
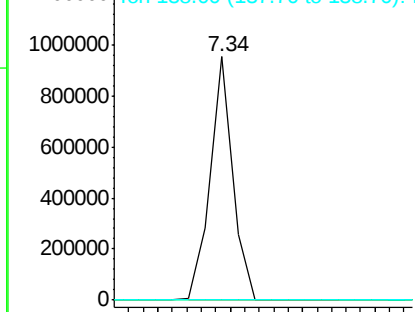


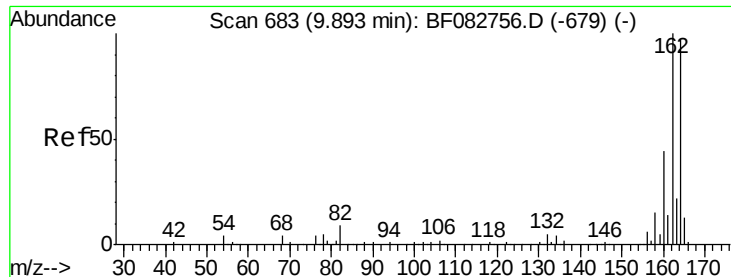
#25
 Isophorone
 Concen: 20.90 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Tgt Ion: 82 Resp: 1025189
 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): 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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01RE

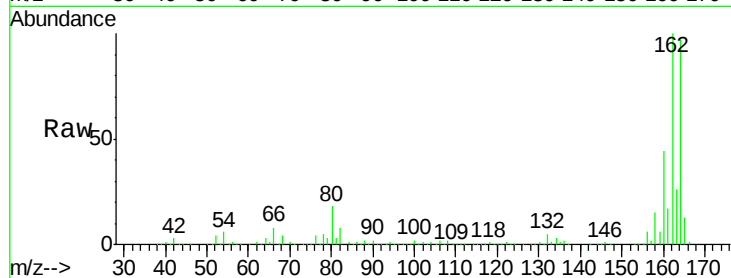
Tgt Ion:164 Resp: 615793

Ion Ratio Lower Upper

164 100

162 102.7 84.9 127.3

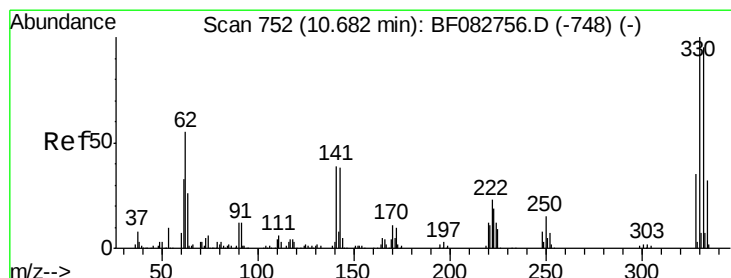
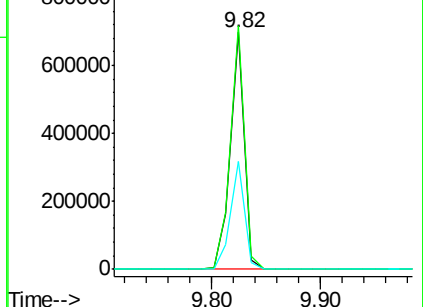
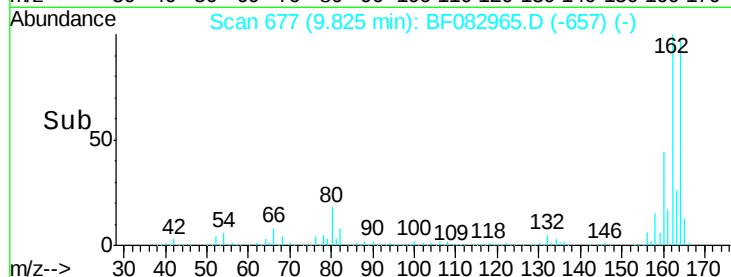
160 45.3 37.5 56.3



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: 52.10 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

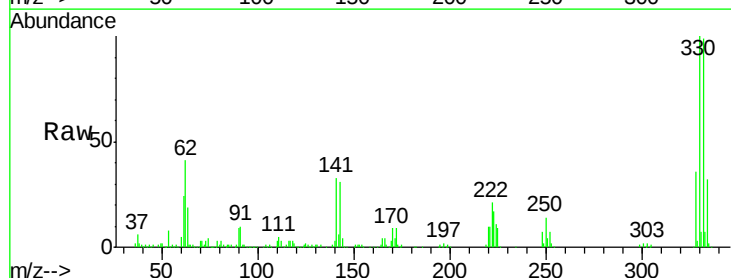
Tgt Ion:330 Resp: 367875

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

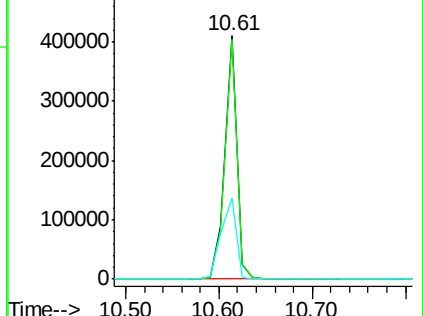
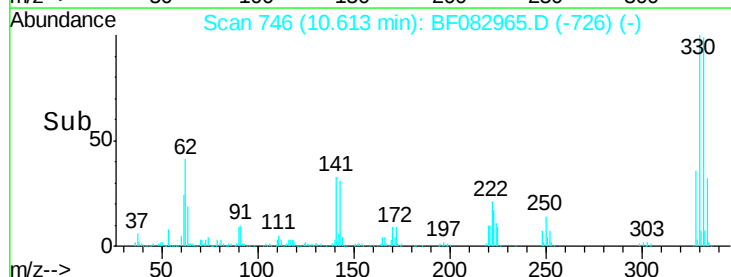
141 41.5 41.2 61.8

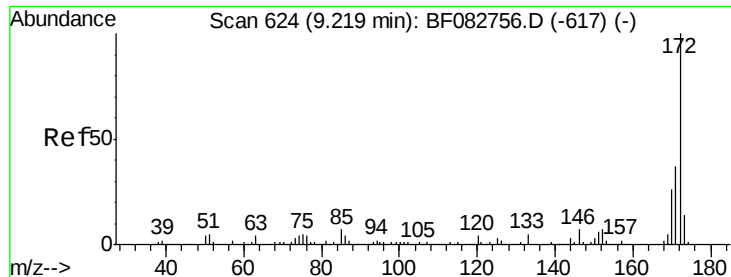


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

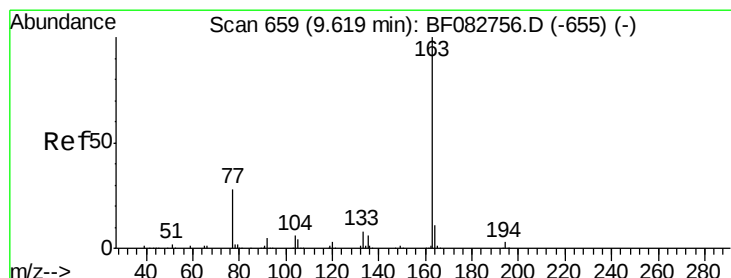
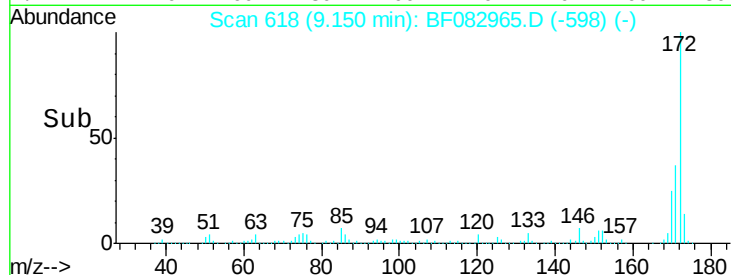
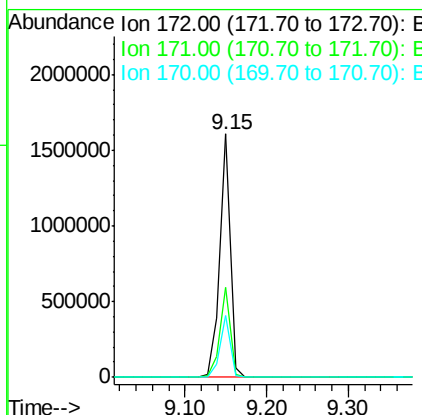
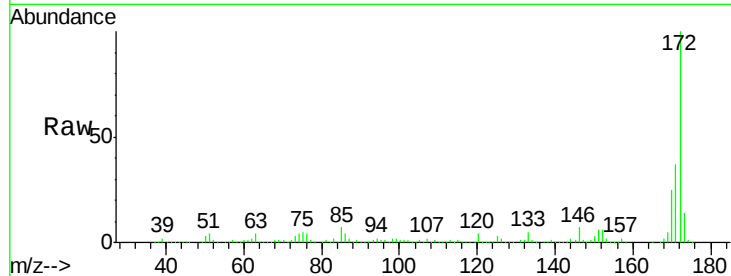




#44
 2-Fluorobiphenyl
 Concen: 33.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

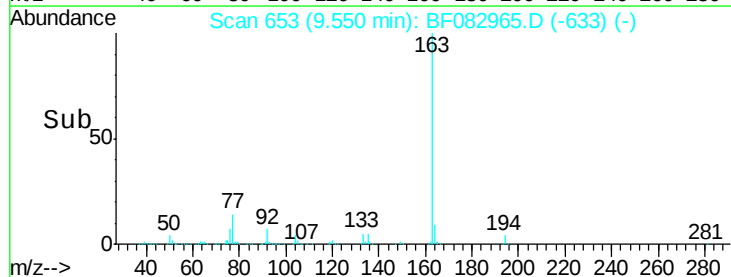
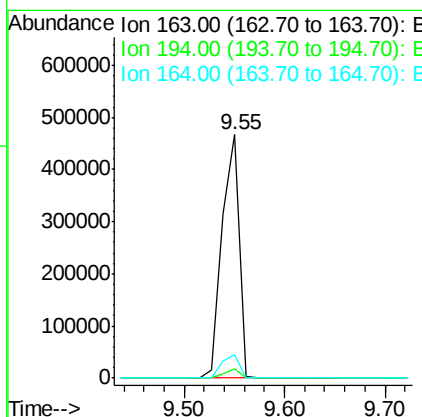
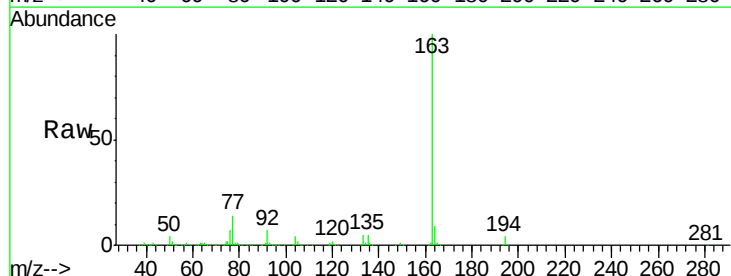
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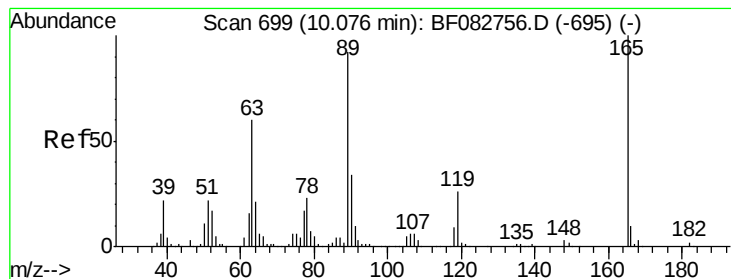
Tgt Ion:172 Resp: 1437351
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.3 21.2 31.8



#49
 Dimethylphthalate
 Concen: 10.99 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Tgt Ion:163 Resp: 554601
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.6 4.0#
 164 9.5 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.25 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01RE

Tgt Ion:165 Resp: 80122

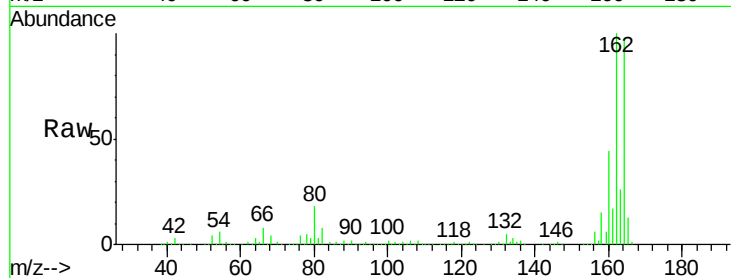
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

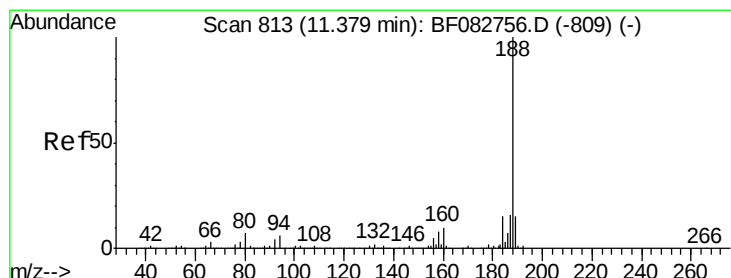
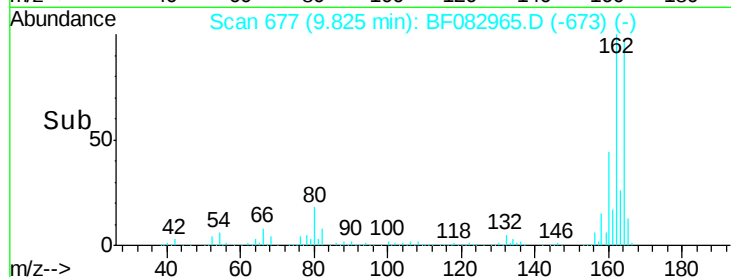
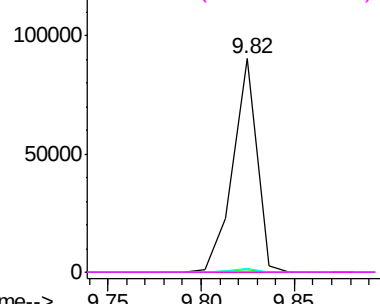


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

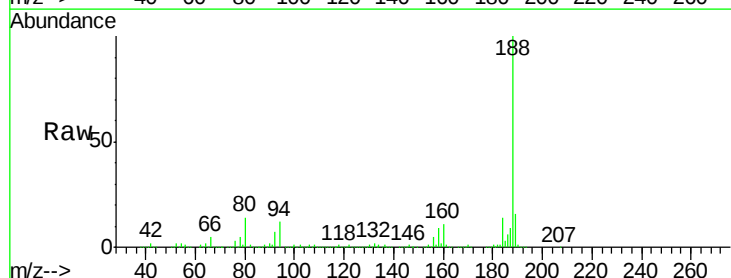
Tgt Ion:188 Resp: 993311

Ion Ratio Lower Upper

188 100

94 12.2 6.1 9.1#

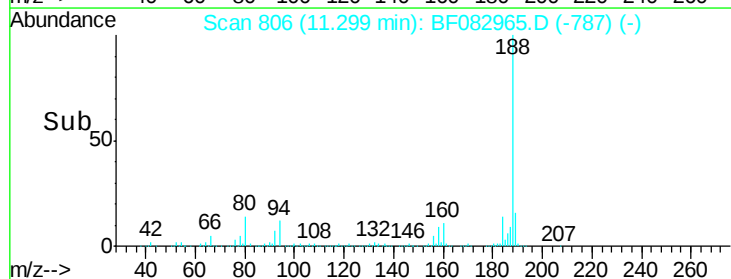
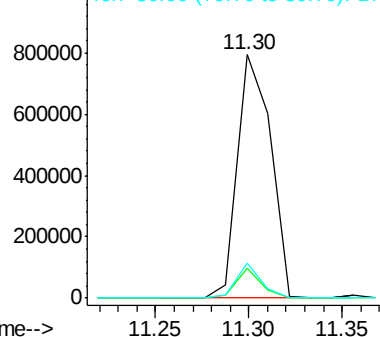
80 14.4 7.0 10.6#

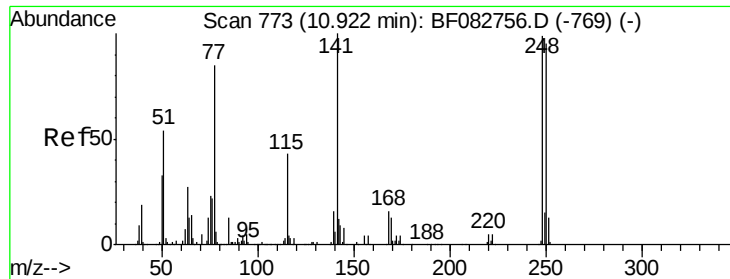


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.29 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01RE

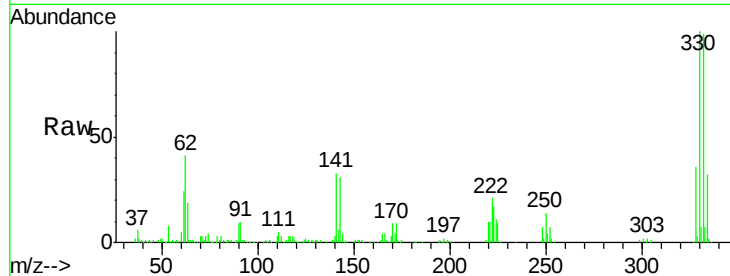
Tgt Ion:248 Resp: 27370

Ion Ratio Lower Upper

248 100

250 194.2 79.4 119.2#

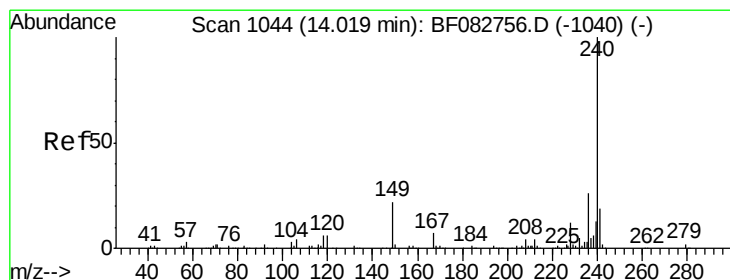
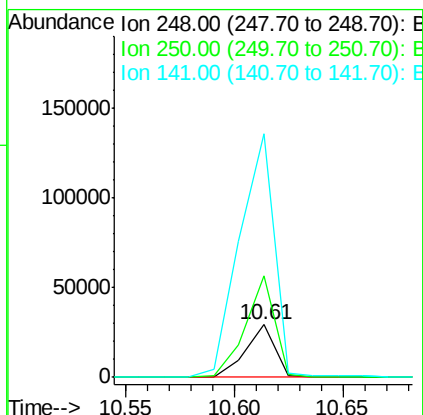
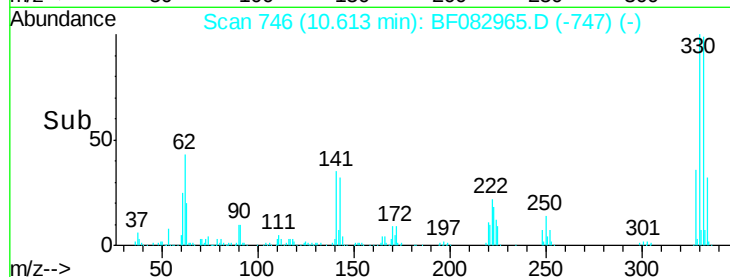
141 463.3 36.3 54.5#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082965.D

Acq: 17 Nov 2015 9:54

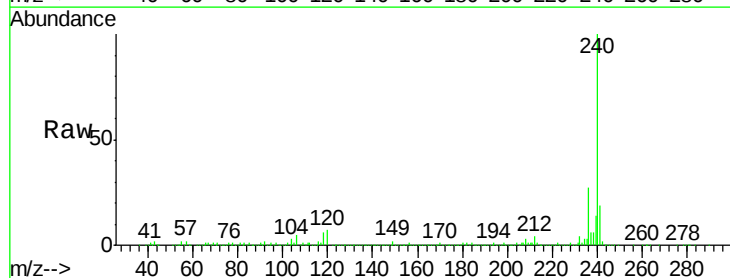
Tgt Ion:240 Resp: 732448

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

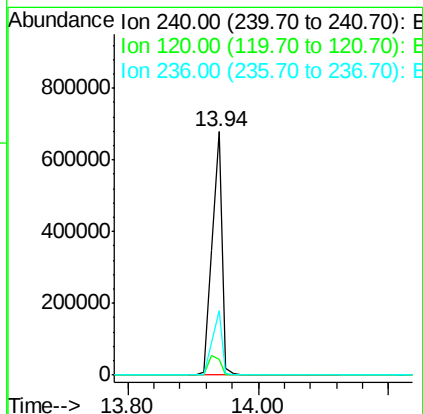
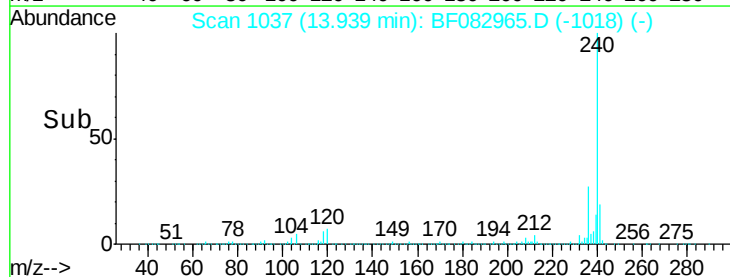
236 26.6 21.6 32.4

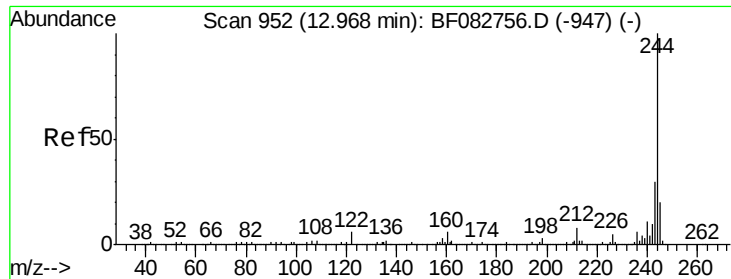


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

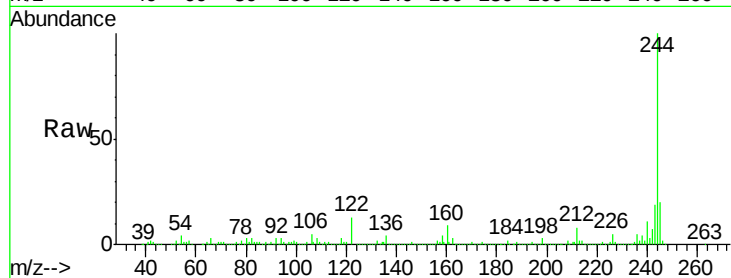




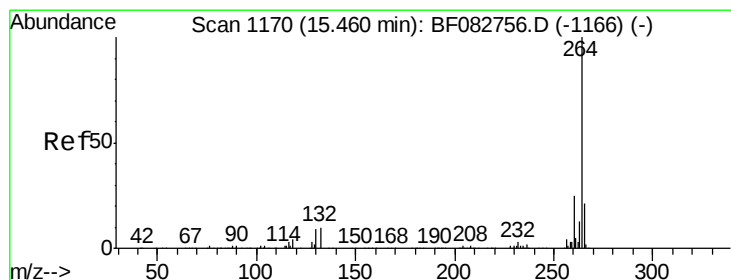
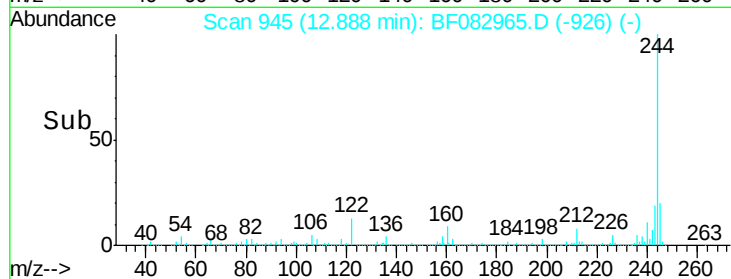
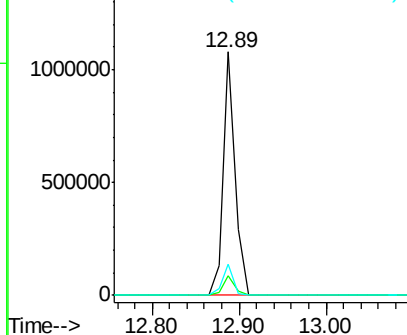
#78
 Terphenyl-d14
 Concen: 33.74 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01RE

Tgt Ion:244 Resp: 1041797
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 13.0 11.3 16.9

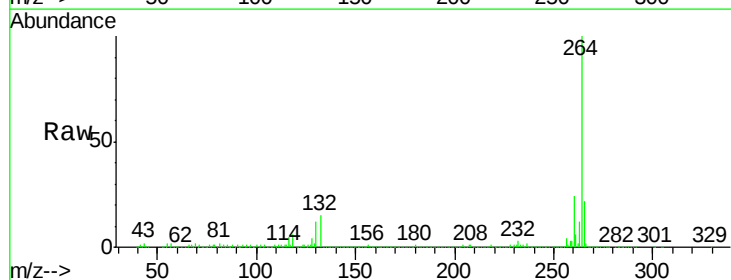


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082965.D
 Acq: 17 Nov 2015 9:54

Tgt Ion:264 Resp: 622579
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.0 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

