

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082966.D
 Acq On : 17 Nov 2015 10:23
 Operator : UM/IZ
 Sample : G4370-03RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01RE

Quant Time: Nov 17 12:05:10 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

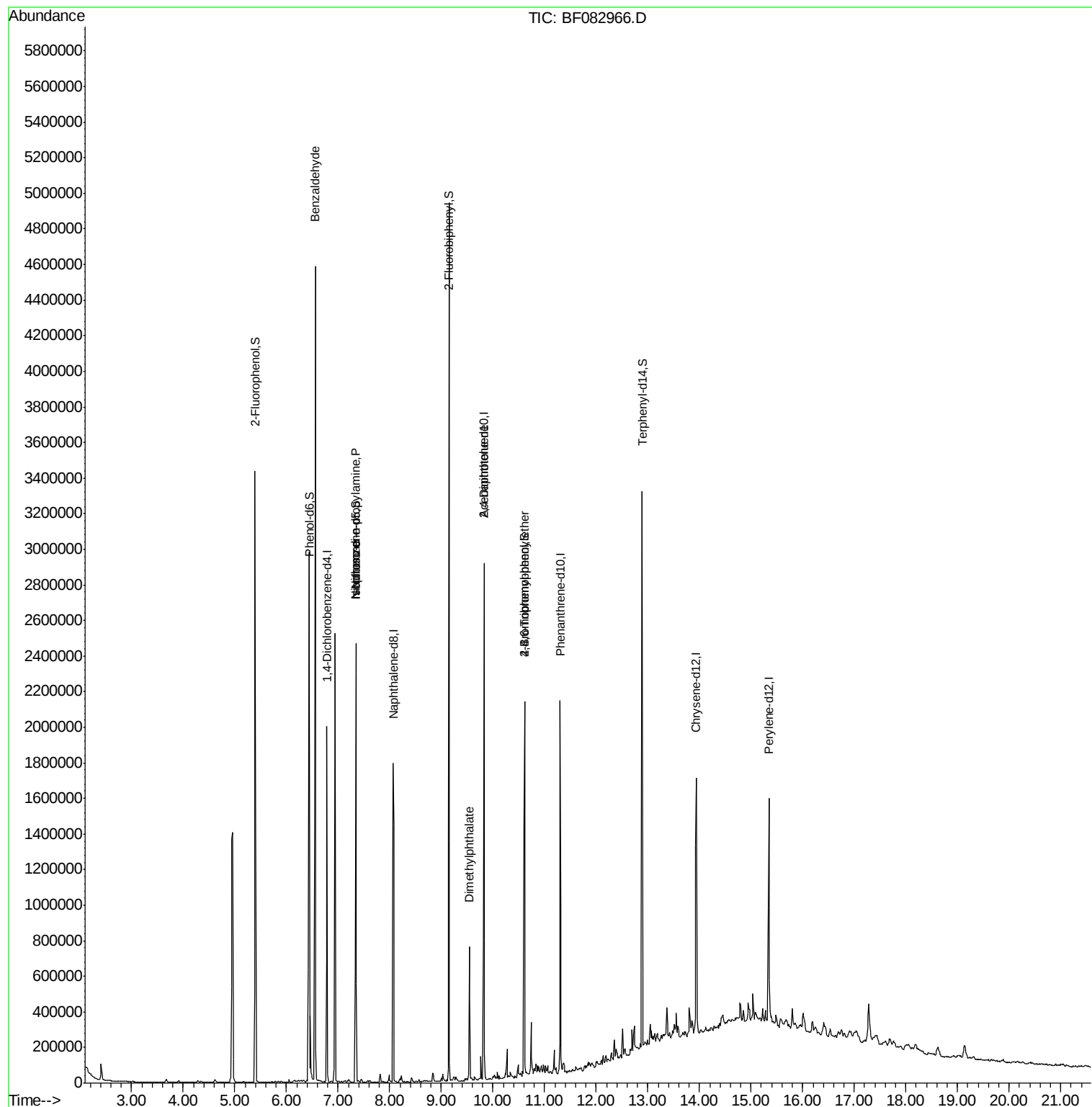
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	303860	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	1094902	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	569141	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	871718	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	656320	20.00	ng	-0.08
86) Perylene-d12	15.35	264	594285	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1035213	53.01	ng	-0.06
7) Phenol-d6	6.44	99	1580431	60.87	ng	-0.05
23) Nitrobenzene-d5	7.34	82	892620	35.47	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	308569	47.28	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1426697	35.93	ng	-0.07
78) Terphenyl-d14	12.89	244	893977	32.31	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.56	77	30452	2.12	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.34	70	118946	6.23	ng	# 71
25) Isophorone	7.34	82	889369	19.10	ng	# 69
49) Dimethylphthalate	9.54	163	380665	8.16	ng	99
56) 2,4-Dinitrotoluene	9.82	165	75589	5.60	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	21288	2.03	ng	# 1

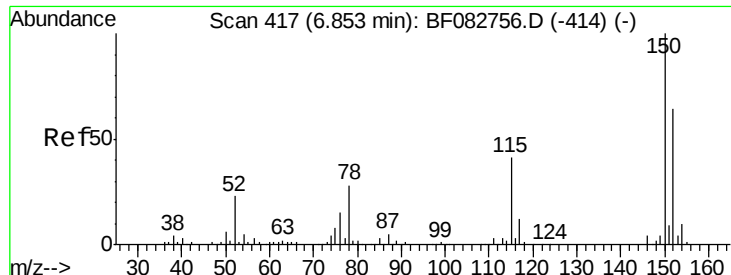
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 17 12:05:10 2015
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

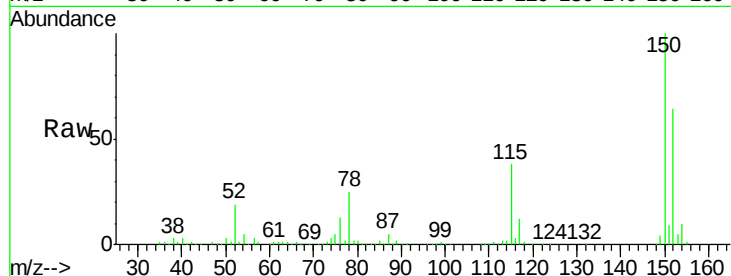
Tot Ion:152 Resp: 303860

Ion Ratio Lower Upper

152 100

150 156.5 127.0 190.4

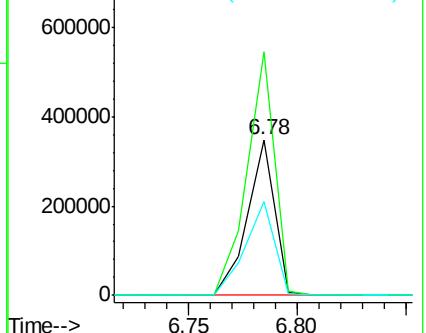
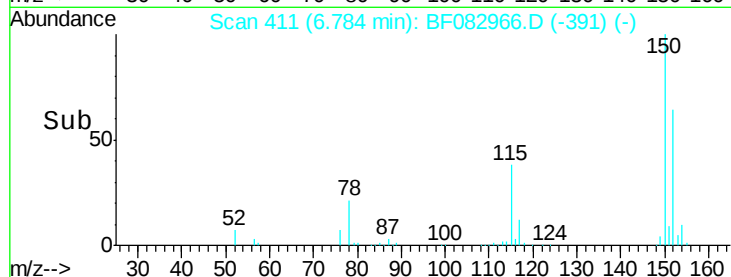
115 60.0 47.0 70.6



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: 53.01 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

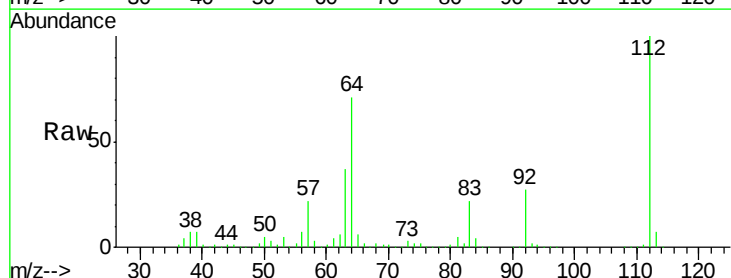
Tgt Ion:112 Resp: 1035213

Ion Ratio Lower Upper

112 100

64 70.6 48.9 73.3

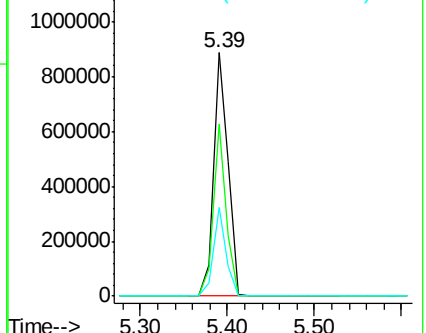
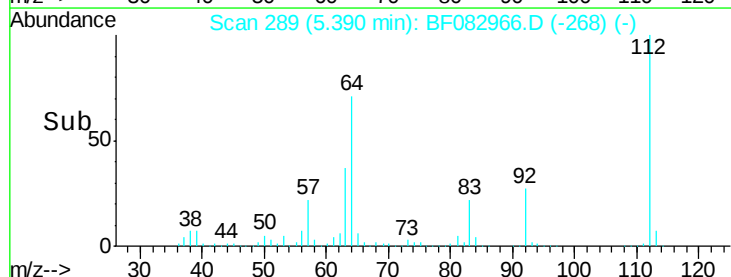
63 36.7 28.1 42.1

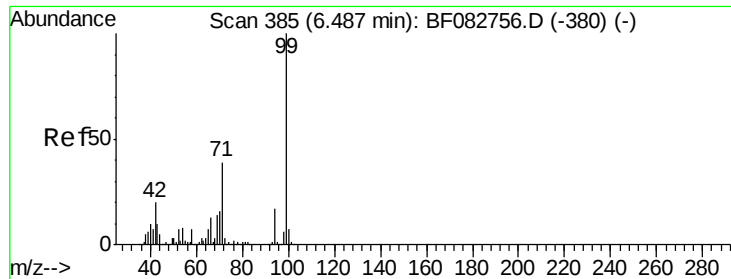


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

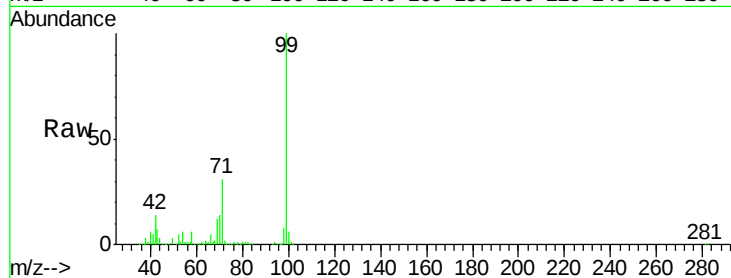
Tot Ion: 99 Resp: 1580431

Ion Ratio Lower Upper

99 100

42 14.1 19.2 28.8#

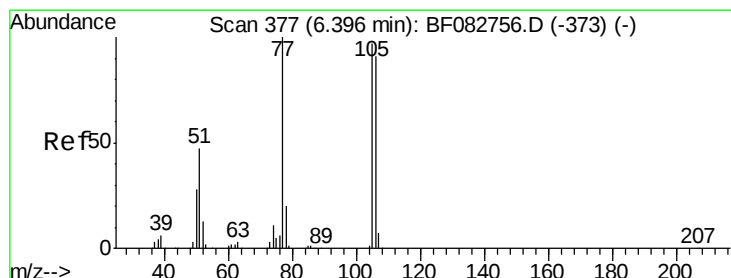
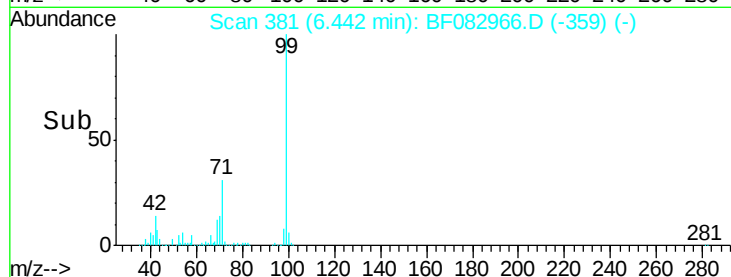
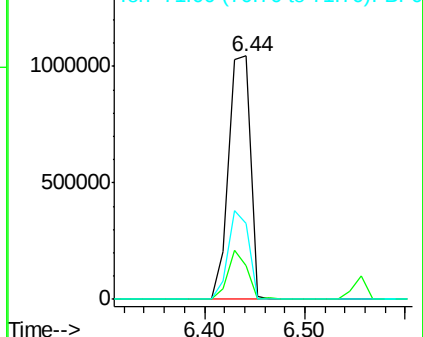
71 31.1 35.0 52.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.12 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

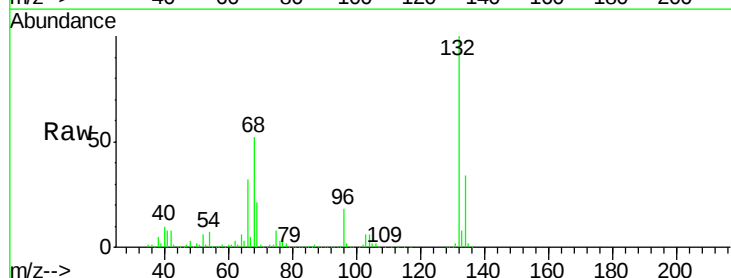
Tgt Ion: 77 Resp: 30452

Ion Ratio Lower Upper

77 100

105 75.5 63.5 103.5

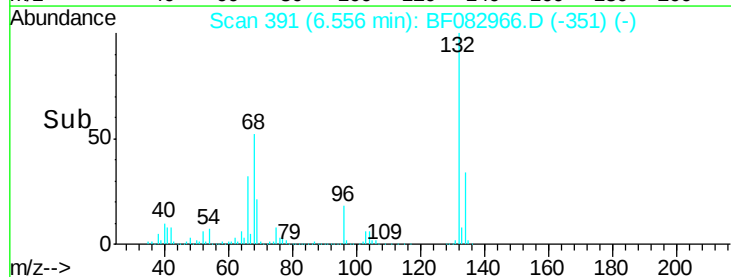
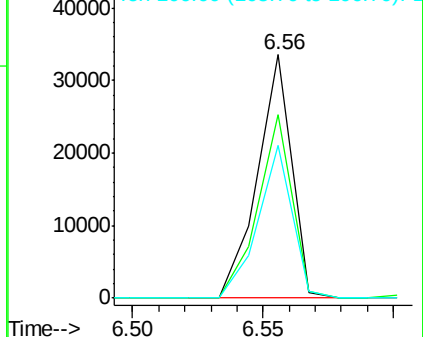
106 62.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

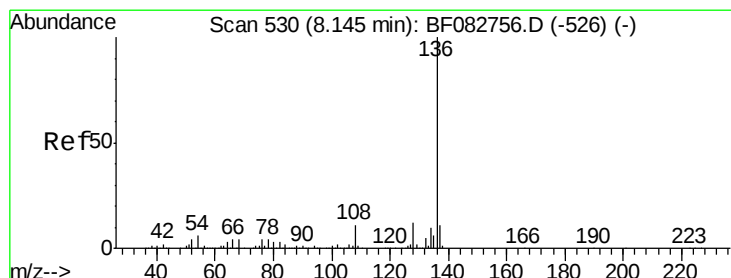
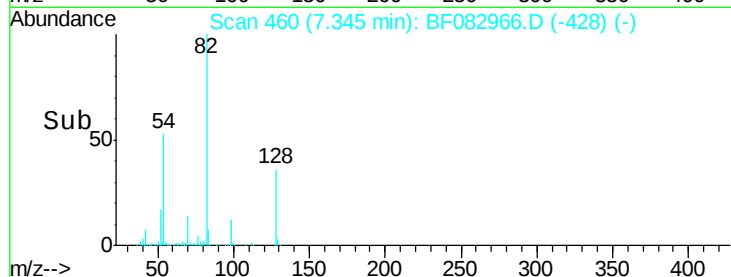
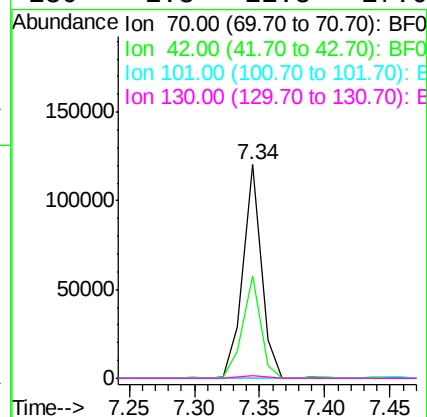
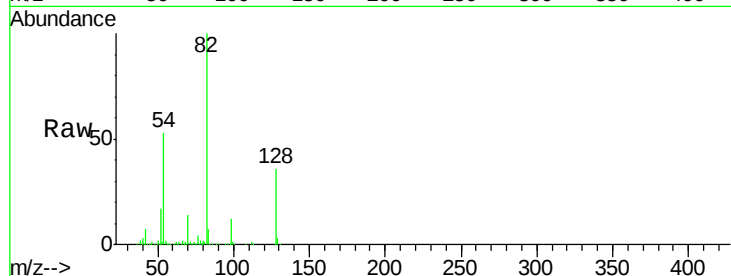




#19
n-Nitroso-di-n-propylamine
Concen: 6.23 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.07 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

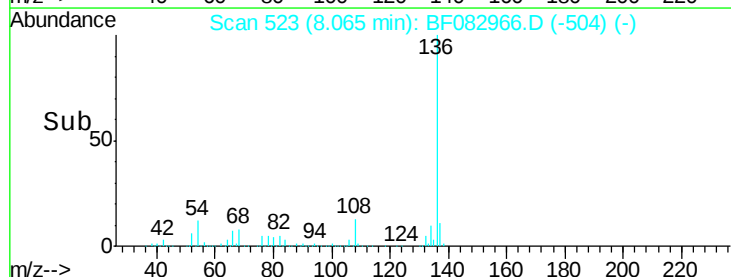
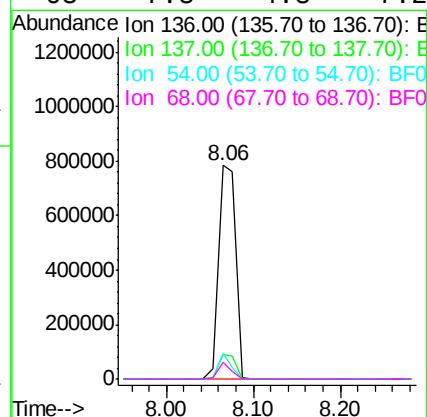
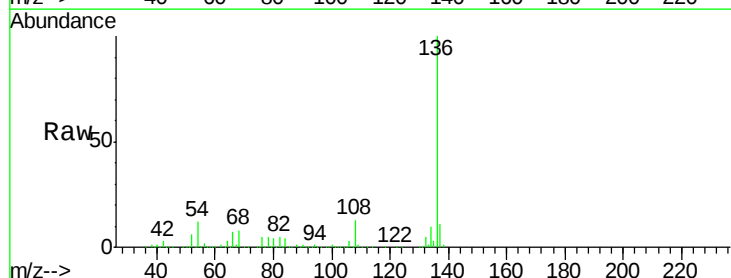
Instrument :
BNA_F
ClientSampleId :
P001-TS003-01RE

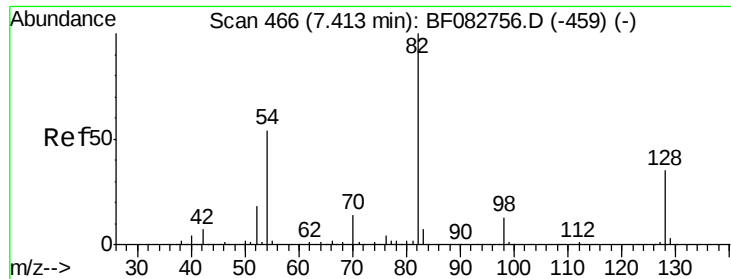
Tot Ion: 70 Resp: 118946
Ion Ratio Lower Upper
70 100
42 48.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.3 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Tgt Ion: 136 Resp: 1094902
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 11.8 9.1 13.7
68 7.8 4.8 7.2#

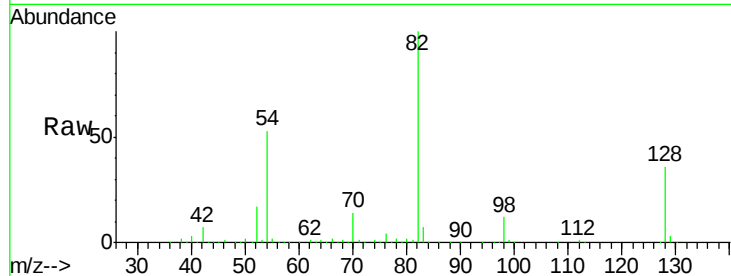




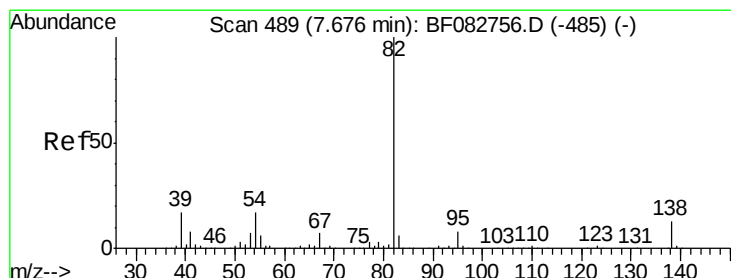
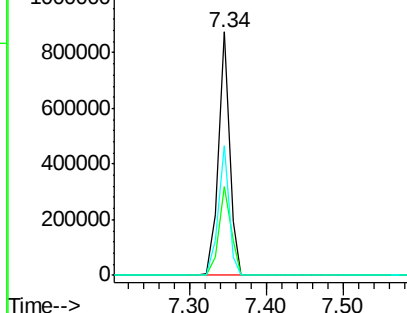
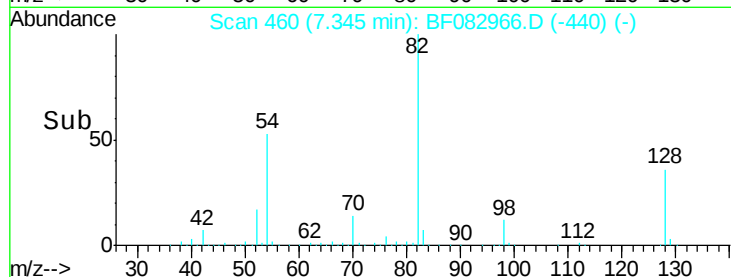
#23
Nitrobenzene-d5
Concen: 35.47 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Instrument :
BNA_F
ClientSampleId :
P001-TS003-01RE

Tot Ion: 82 Resp: 892620
Ion Ratio Lower Upper
82 100
128 36.4 26.8 40.2
54 53.4 45.7 68.5

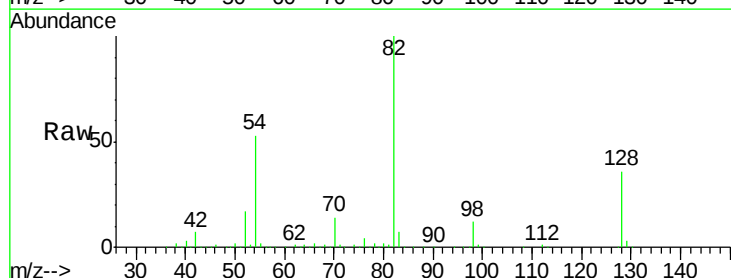


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

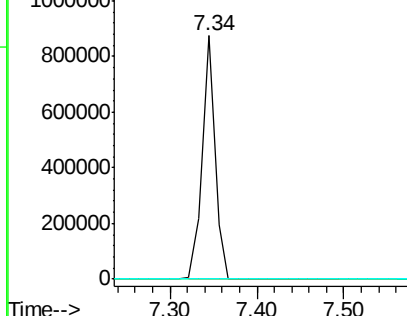
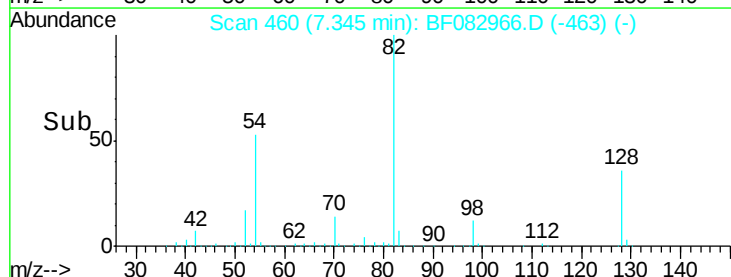


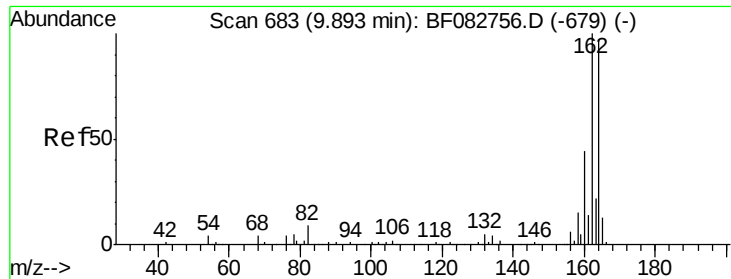
#25
Isophorone
Concen: 19.10 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.33 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Tgt Ion: 82 Resp: 889369
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: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

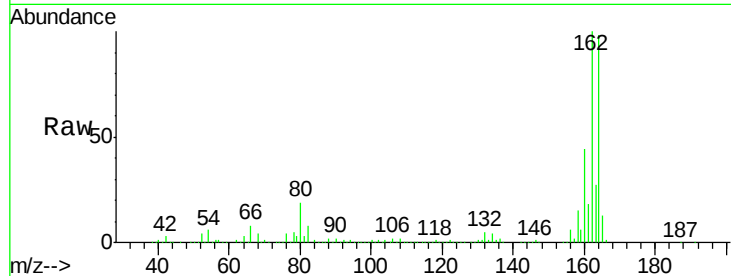
Tot Ion:164 Resp: 569141

Ion Ratio Lower Upper

164 100

162 102.3 84.9 127.3

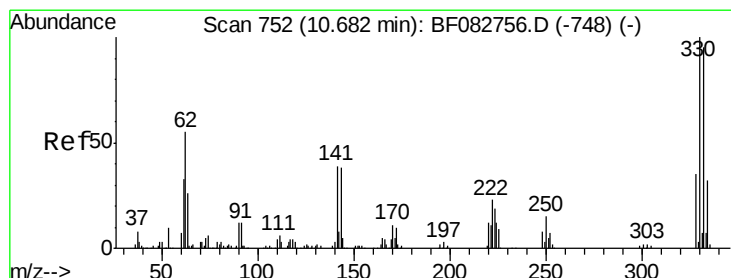
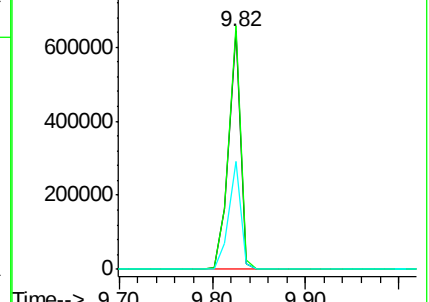
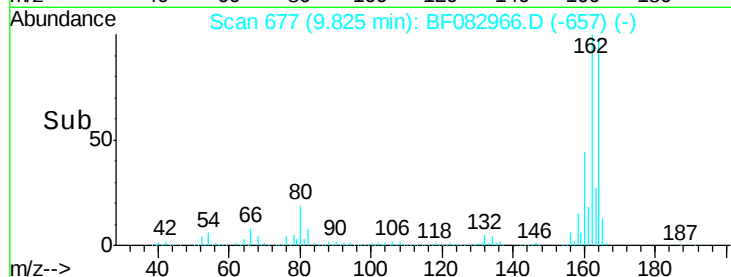
160 45.2 37.5 56.3



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: 47.28 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

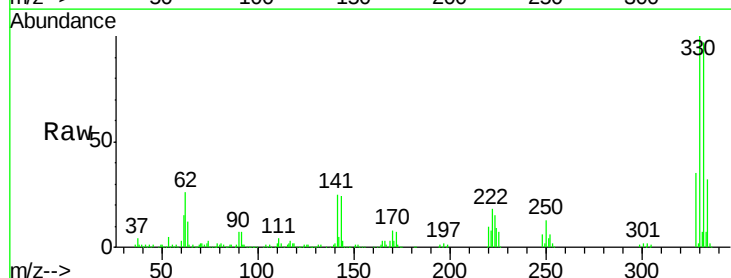
Tgt Ion:330 Resp: 308569

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

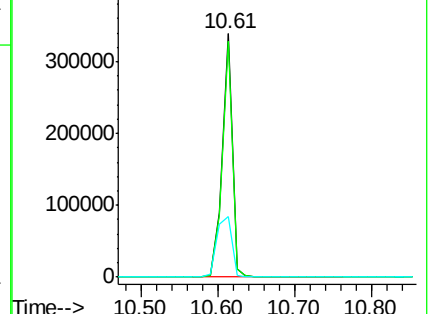
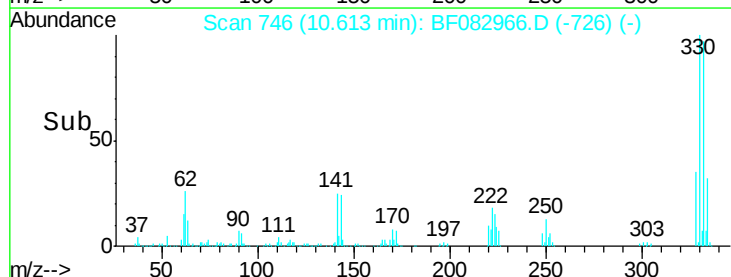
141 37.3 41.2 61.8#

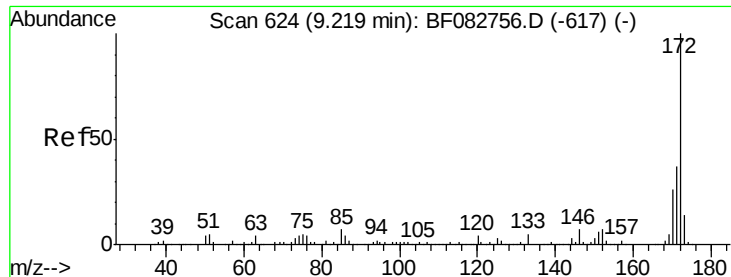


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



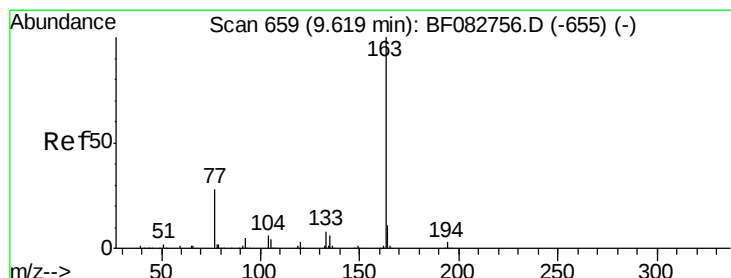
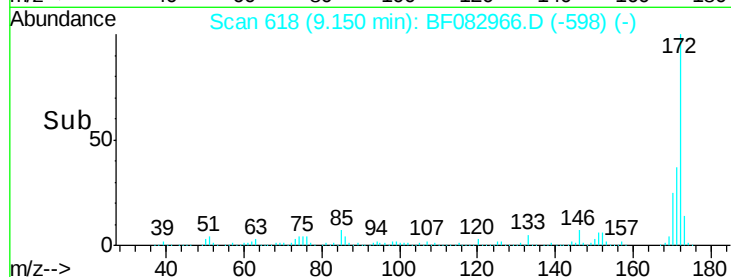
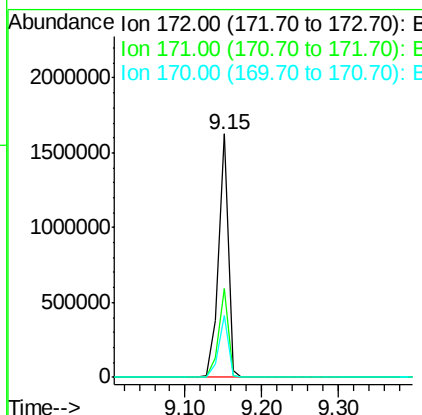
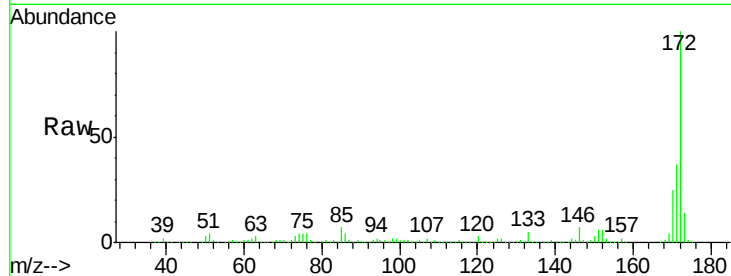


#44
 2-Fluorobiphenyl
 Concen: 35.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01RE

Tot Ion:172 Resp: 1426697

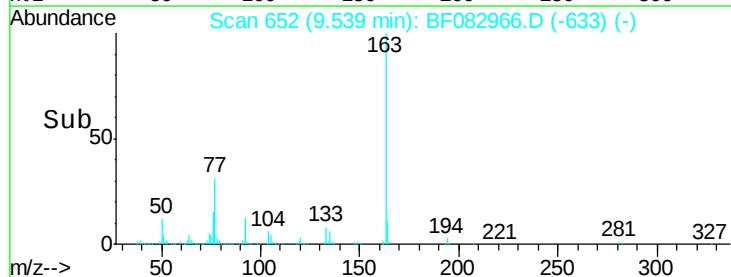
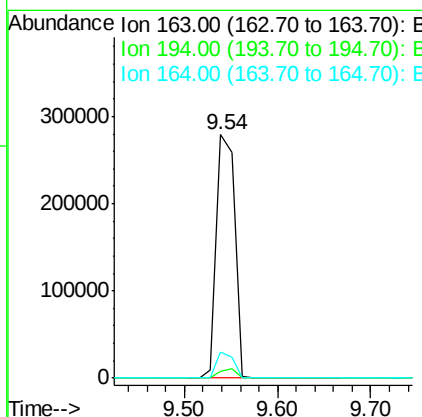
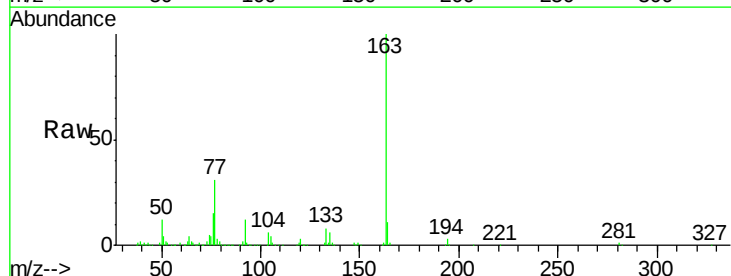
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	25.3	21.2	31.8

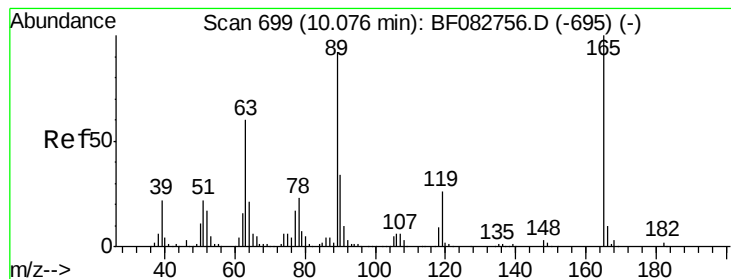


#49
 Dimethylphthalate
 Concen: 8.16 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.08 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Tgt Ion:163 Resp: 380665

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.7	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.60 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.25 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

Tot Ion:165 Resp: 75589

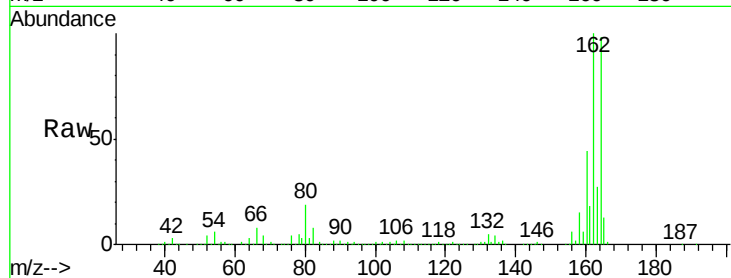
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

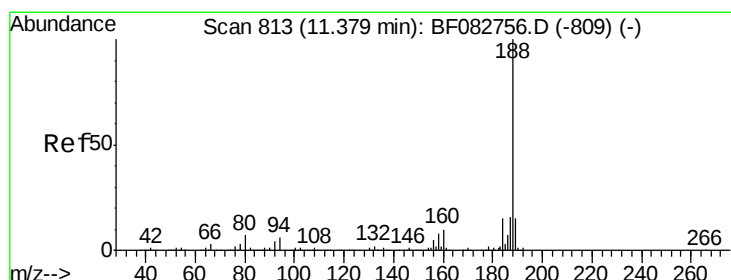
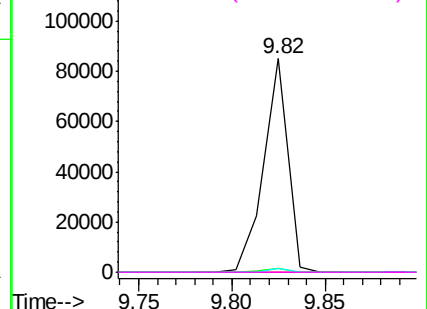
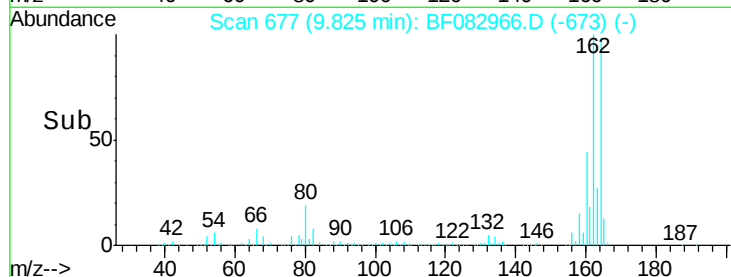


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082966.D

Acq: 17 Nov 2015 10:23

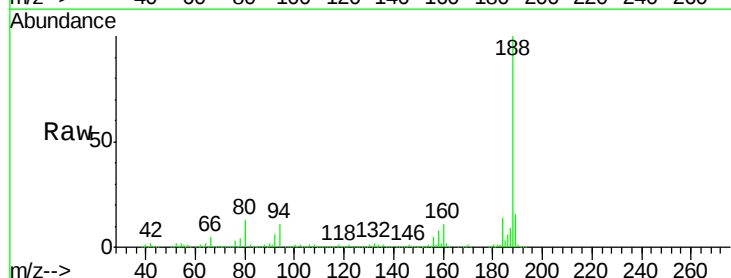
Tgt Ion:188 Resp: 871718

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

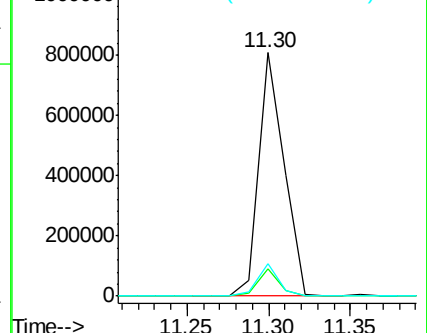
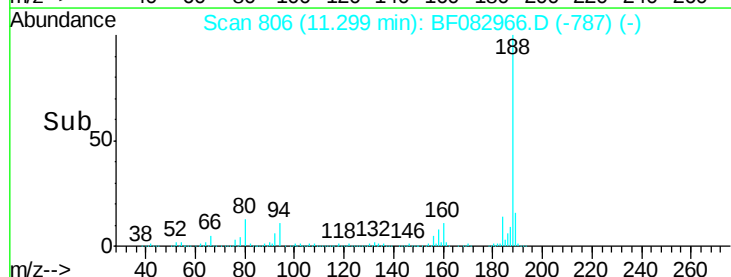
80 13.4 7.0 10.6#

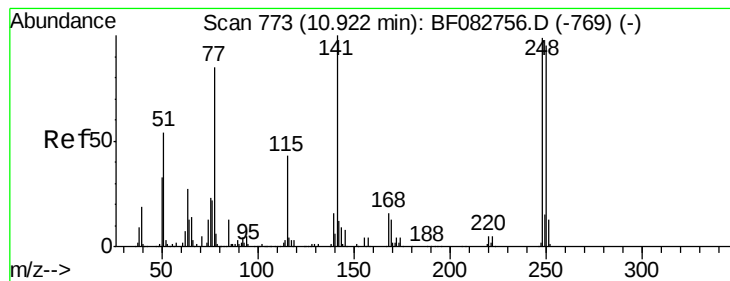


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.03 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

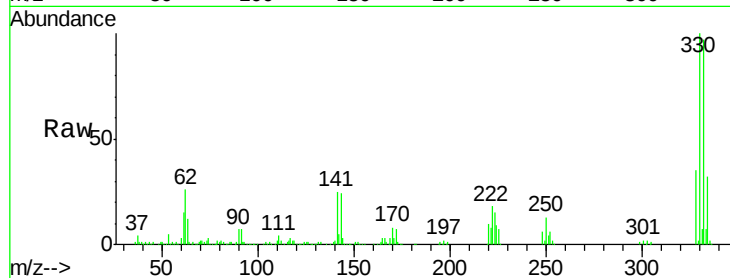
Tot Ion:248 Resp: 21288

Ion Ratio Lower Upper

248 100

250 200.9 79.4 119.2#

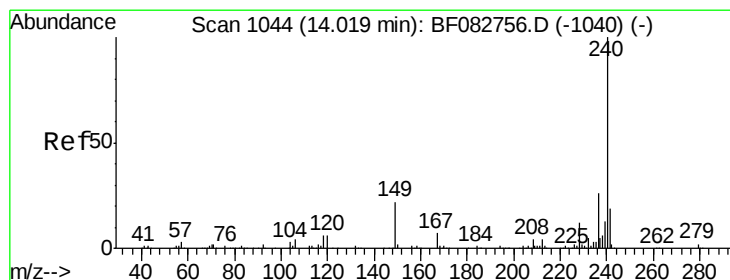
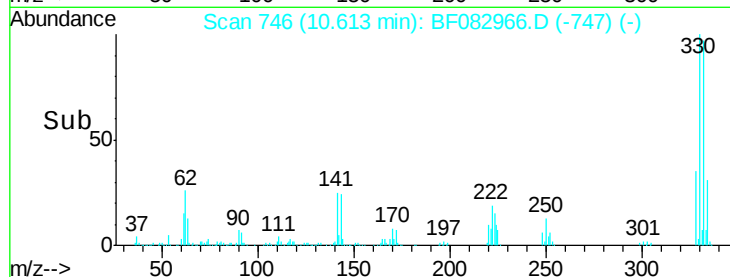
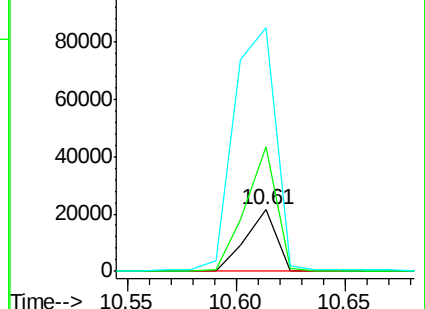
141 394.3 36.3 54.5#



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: BF082966.D

Acq: 17 Nov 2015 10:23

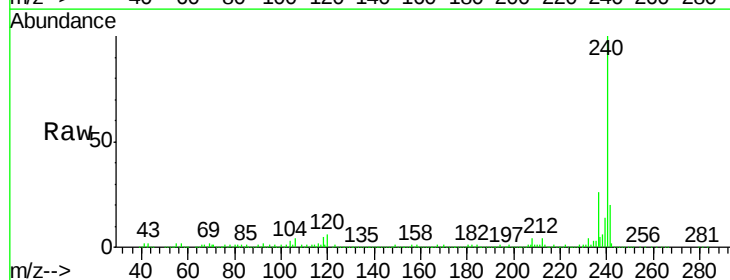
Tgt Ion:240 Resp: 656320

Ion Ratio Lower Upper

240 100

120 6.3 10.9 16.3#

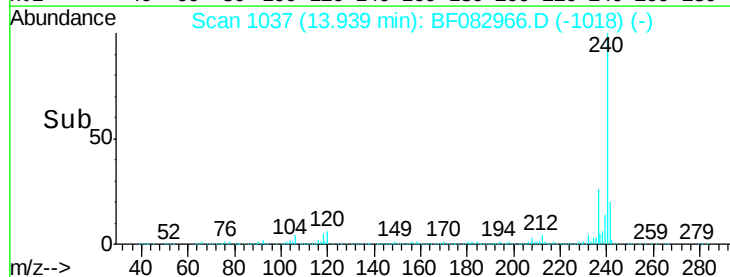
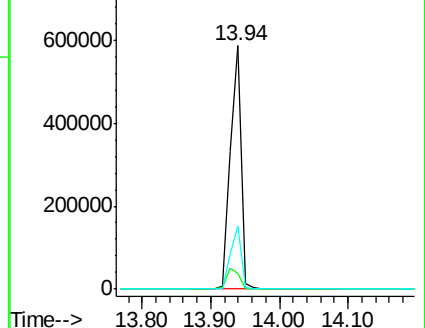
236 26.1 21.6 32.4

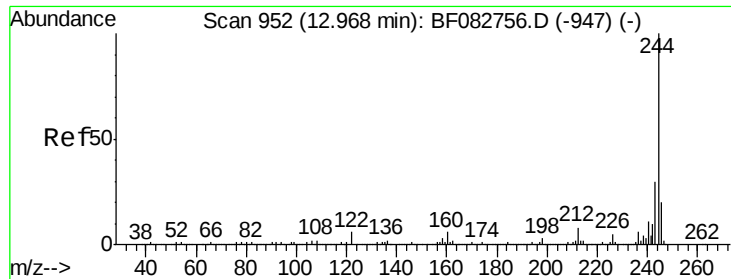


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

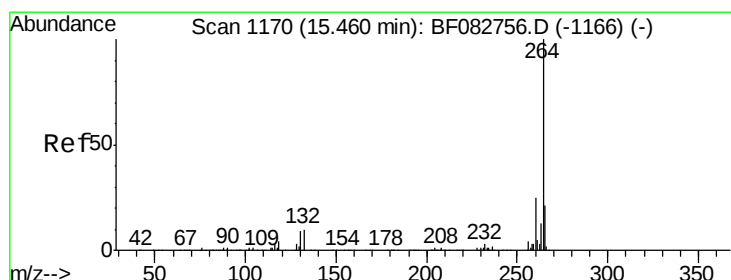
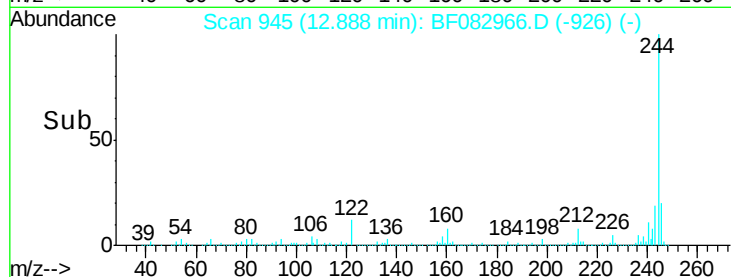
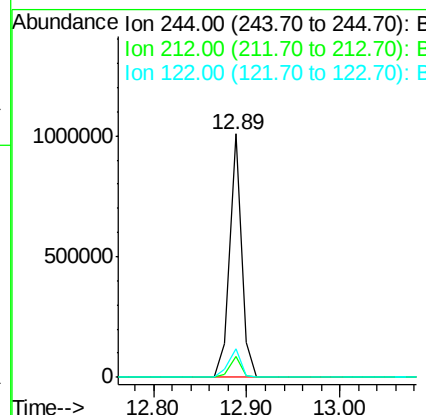
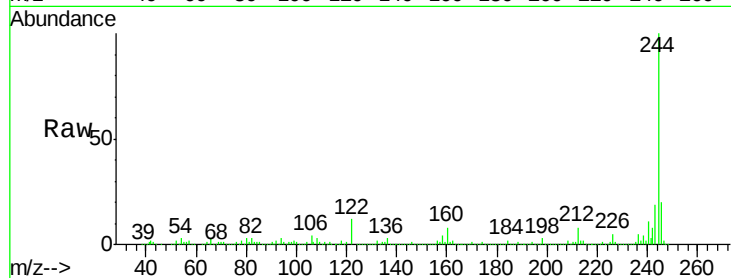




#78
 Terphenyl-d14
 Concen: 32.31 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	11.7	11.3	16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.5	17.4	26.0

