

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082799.D
 Acq On : 7 Nov 2015 9:37
 Operator : UM/IZ
 Sample : G4246-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14R

Quant Time: Nov 08 23:58:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

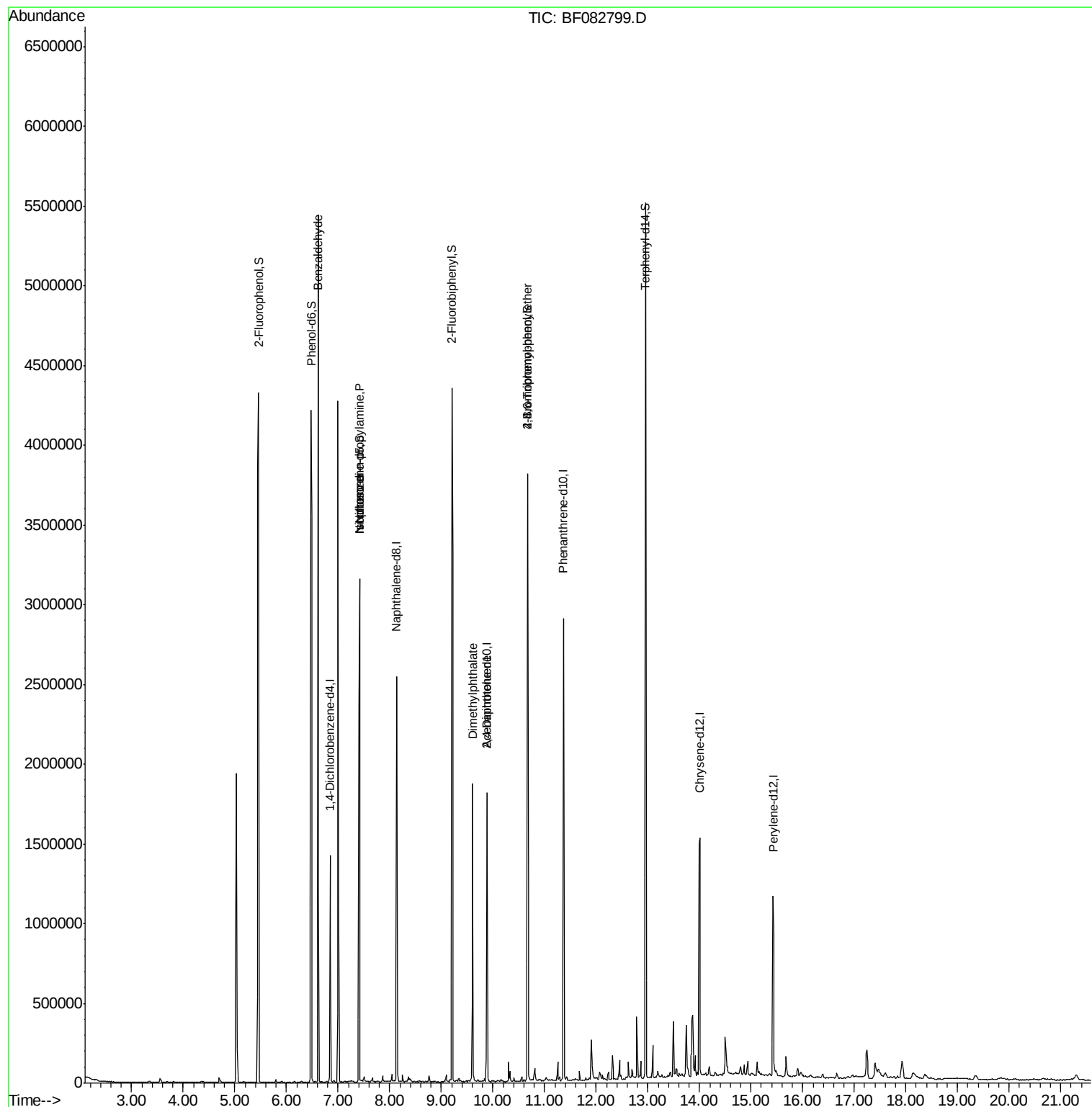
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	261124	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1061978	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	523099	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	957398	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	751978	20.00	ng	-0.01
86) Perylene-d12	15.43	264	607558	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1684837	100.39	ng	0.01
7) Phenol-d6	6.48	99	2251913	100.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	1463323	59.96	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	485317	80.92	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1922243	52.67	ng	-0.01
78) Terphenyl-d14	12.96	244	1596864	50.37	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	36639	2.97	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.41	70	193519	11.80	ng	# 62
25) Isophorone	7.41	82	1367132	30.27	ng	# 70
49) Dimethylphthalate	9.61	163	756281	17.65	ng	99
56) 2,4-Dinitrotoluene	9.88	165	66803	5.38	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	29983	2.60	ng	# 1

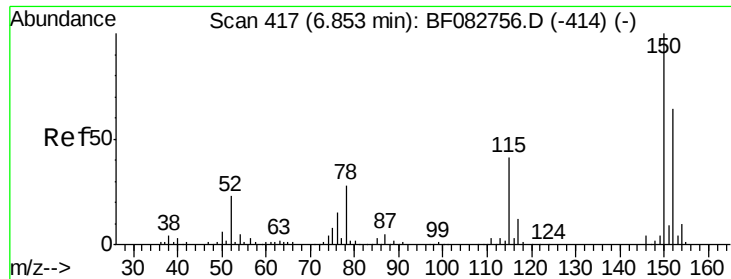
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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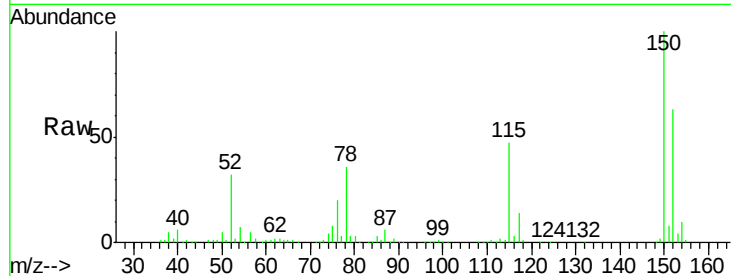




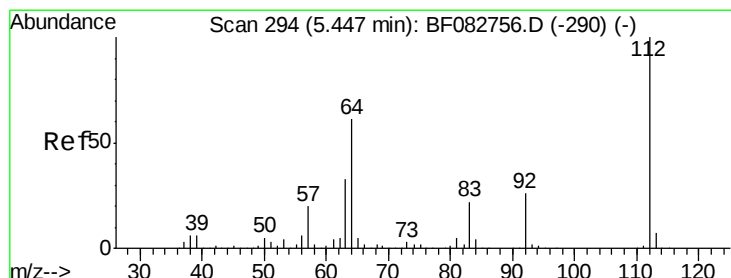
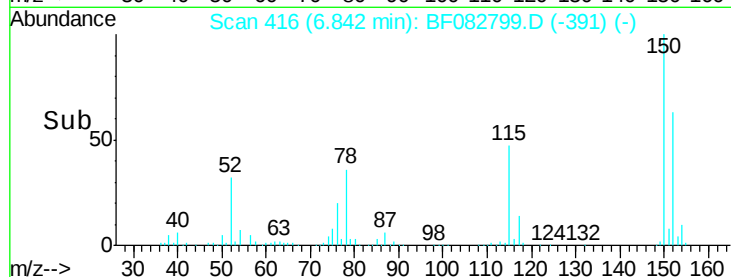
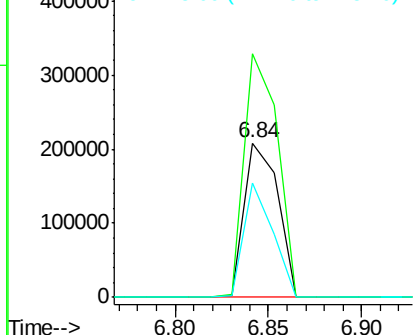
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 T-14R

Tgt Ion:152 Resp: 261124
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.0 190.4
 115 74.4 47.0 70.6#

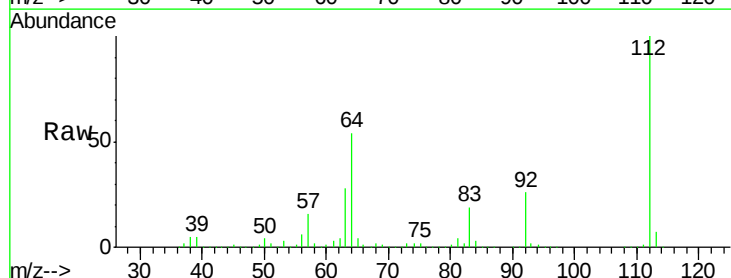


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

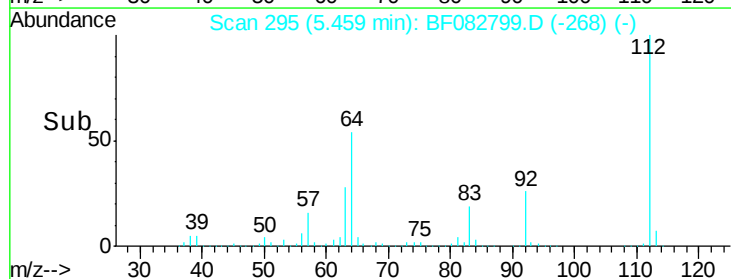
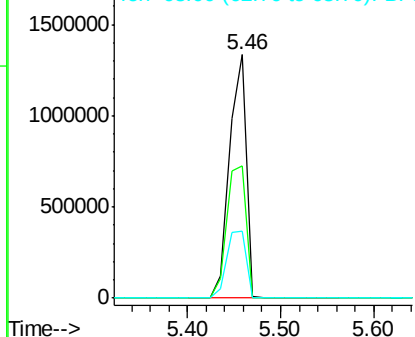


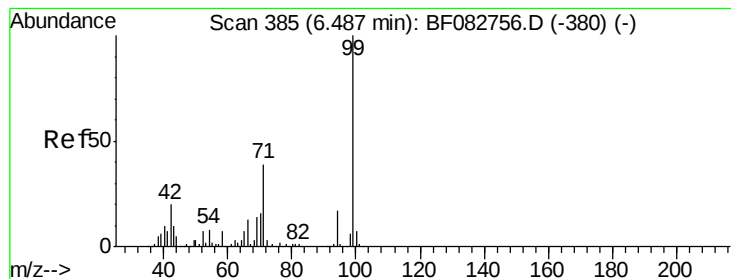
#5
 2-Fluorophenol
 Concen: 100.39 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

Tgt Ion:112 Resp: 1684837
 Ion Ratio Lower Upper
 112 100
 64 54.2 48.9 73.3
 63 27.8 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: 100.93 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082799.D

Acq: 7 Nov 2015 9:37

Instrument :

BNA_F

ClientSampleId :

T-14R

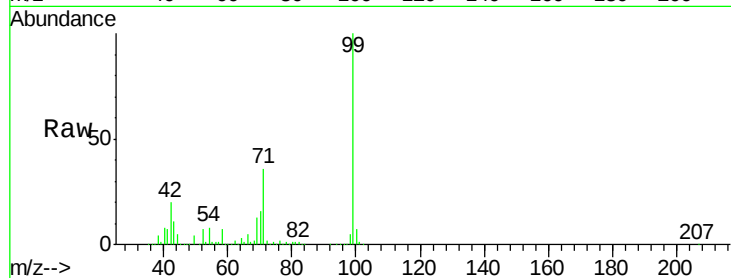
Tgt Ion: 99 Resp: 2251913

Ion Ratio Lower Upper

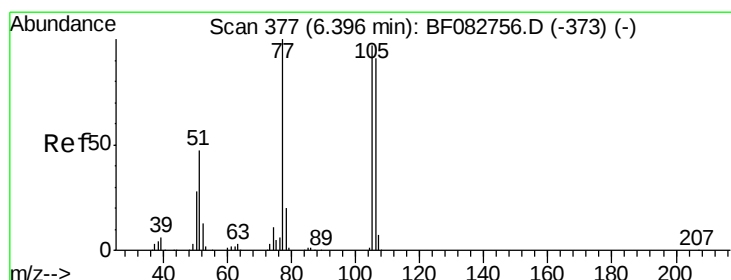
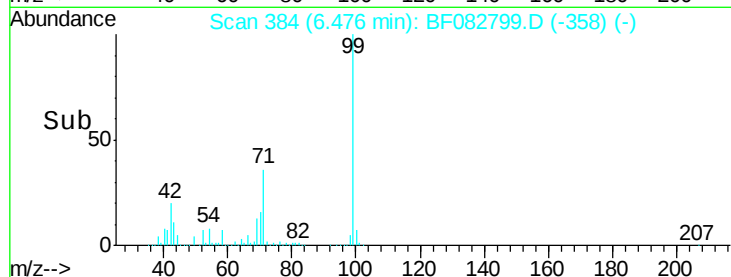
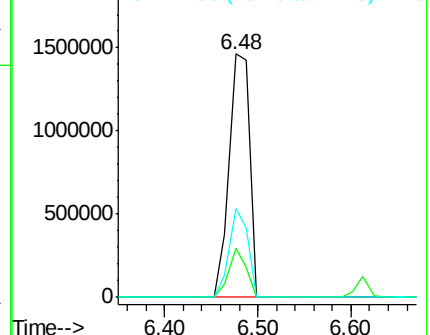
99 100

42 20.0 19.2 28.8

71 36.2 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: 2.97 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082799.D

Acq: 7 Nov 2015 9:37

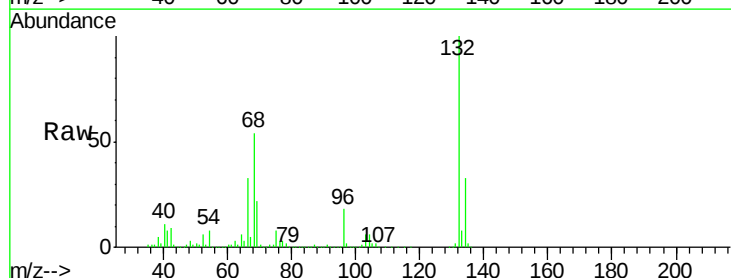
Tgt Ion: 77 Resp: 36639

Ion Ratio Lower Upper

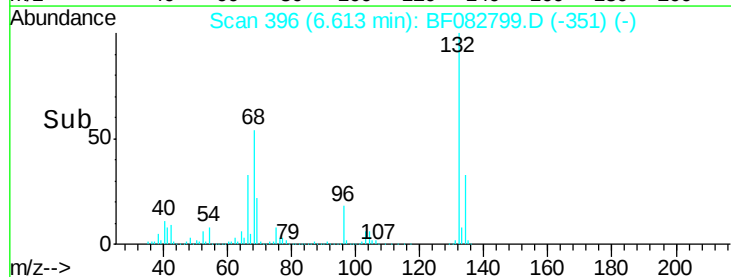
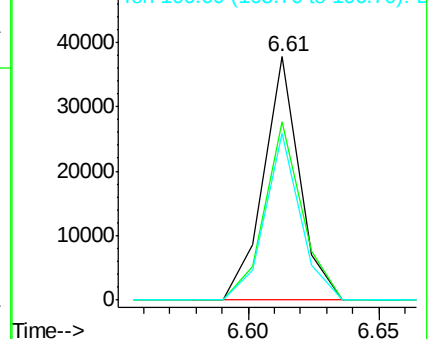
77 100

105 73.5 63.5 103.5

106 68.4 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

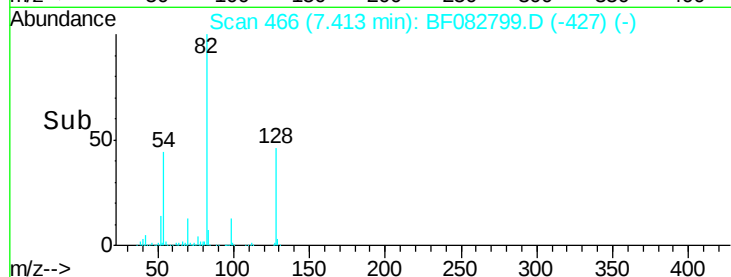
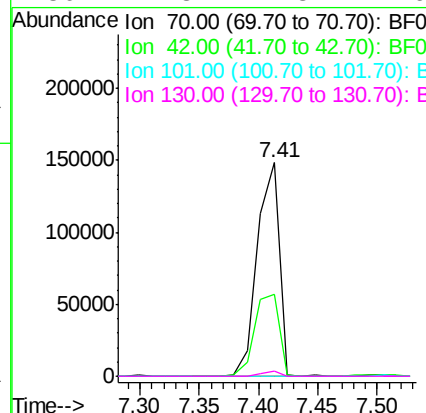
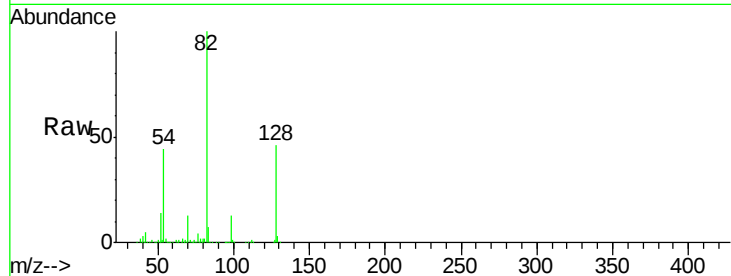




#19
n-Nitroso-di-n-propylamine
Concen: 11.80 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

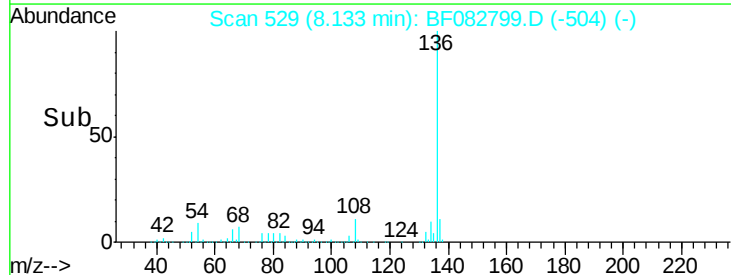
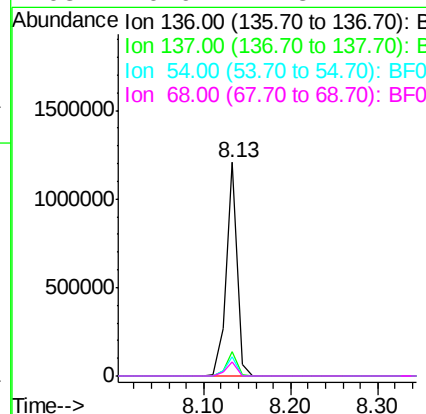
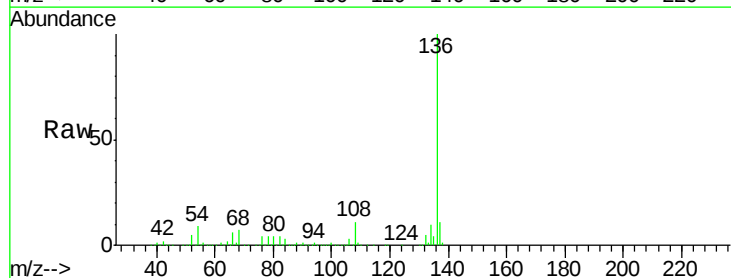
Instrument :
BNA_F
ClientSampleId :
T-14R

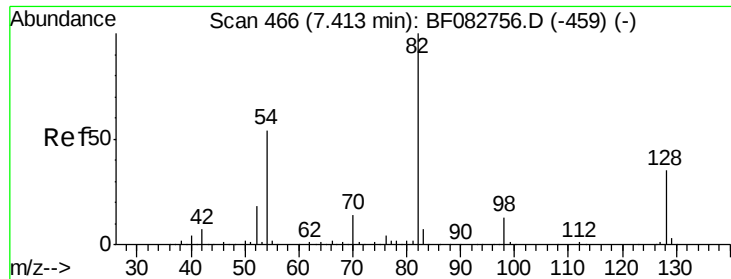
Tgt Ion: 70 Resp: 193519
Ion Ratio Lower Upper
70 100
42 38.2 57.7 86.5#
101 0.0 7.0 10.6#
130 2.3 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Tgt Ion:136 Resp: 1061978
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.0 9.1 13.7#
68 6.9 4.8 7.2

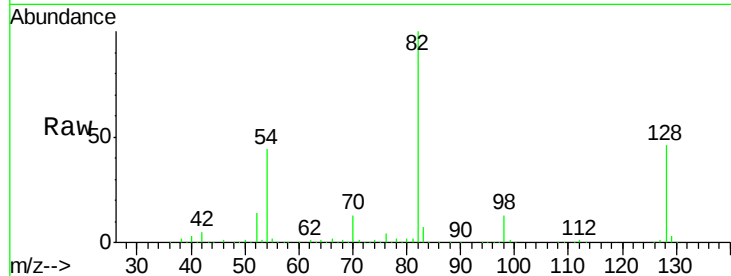




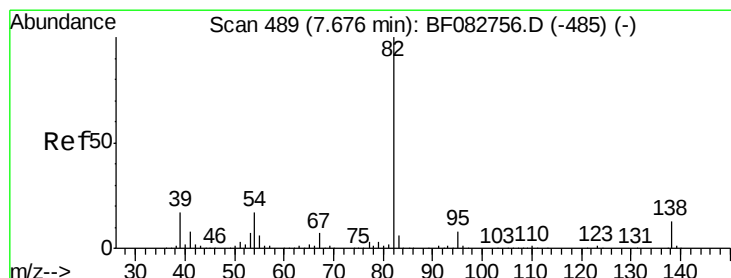
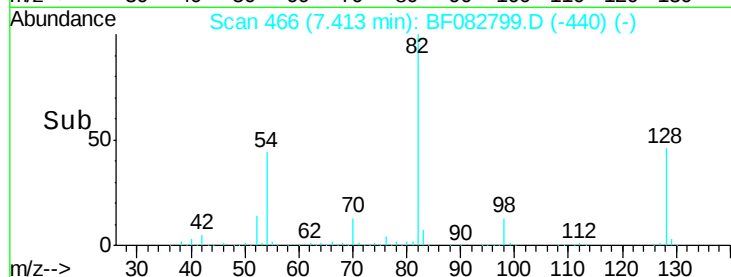
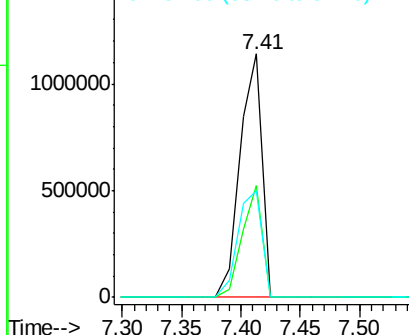
#23
 Nitrobenzene-d5
 Concen: 59.96 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

Instrument :
 BNA_F
 ClientSampleId :
 T-14R

Tgt Ion: 82 Resp: 1463323
 Ion Ratio Lower Upper
 82 100
 128 46.1 26.8 40.2#
 54 44.0 45.7 68.5#

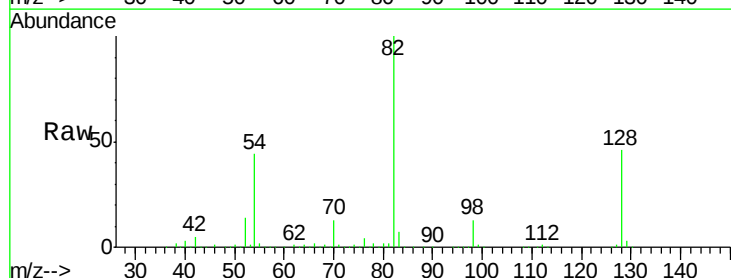


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

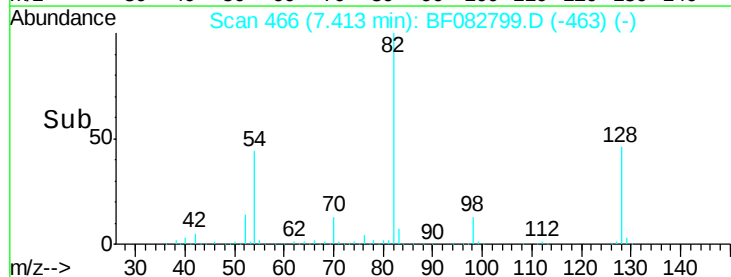
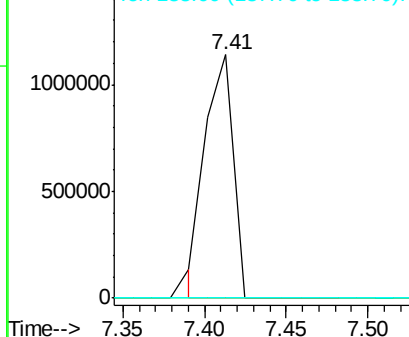


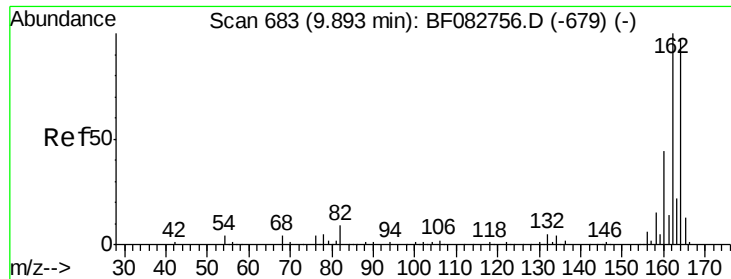
#25
 Isophorone
 Concen: 30.27 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

Tgt Ion: 82 Resp: 1367132
 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

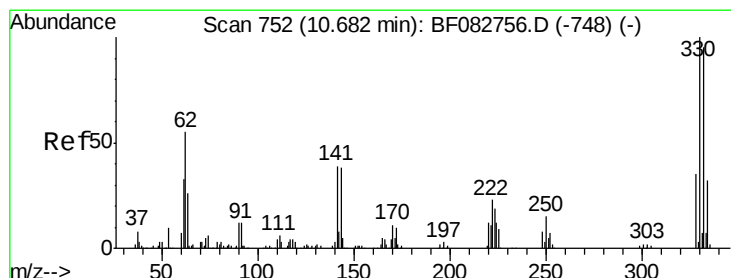
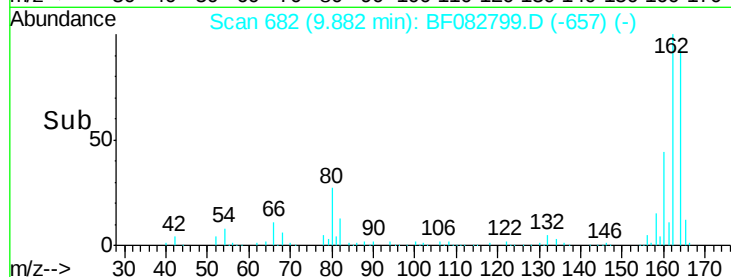
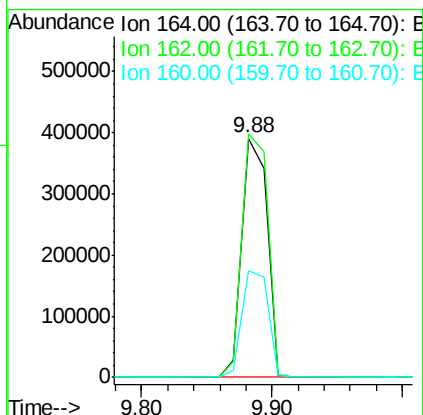
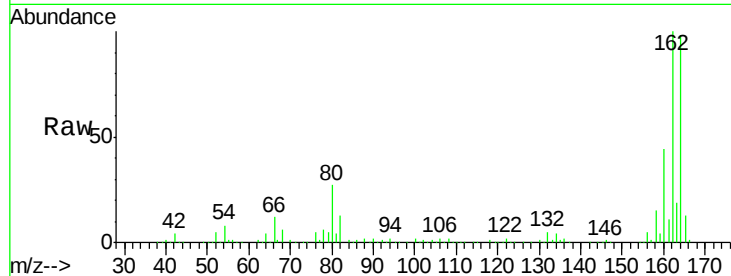




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

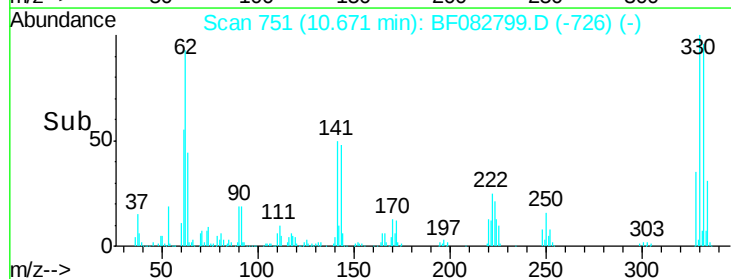
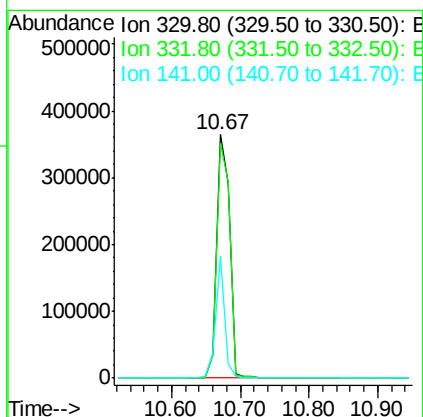
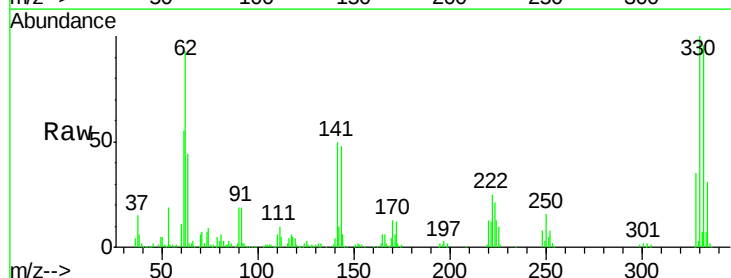
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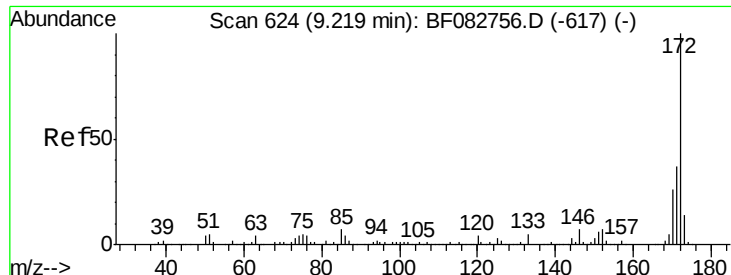
Tgt Ion:164 Resp: 523099
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.9 127.3
 160 44.9 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 80.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082799.D
 Acq: 7 Nov 2015 9:37

Tgt Ion:330 Resp: 485317
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 34.9 41.2 61.8#

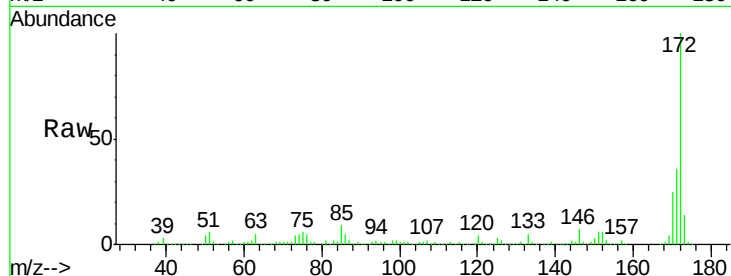




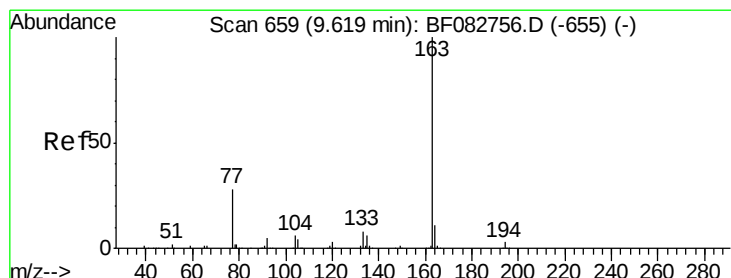
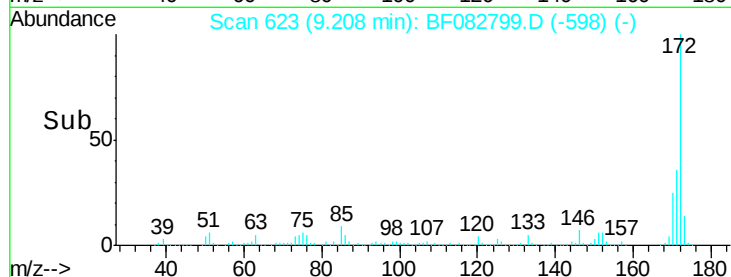
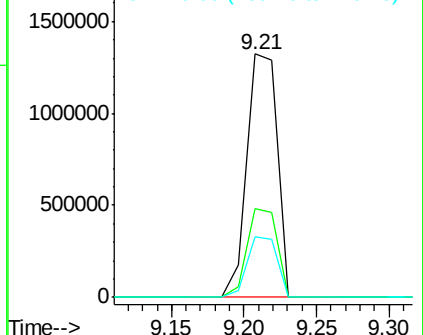
#44
2-Fluorobiphenyl
Concen: 52.67 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Instrument :
BNA_F
ClientSampleId :
T-14R

Tgt Ion:172 Resp: 1922243
Ion Ratio Lower Upper
172 100
171 36.3 30.8 46.2
170 24.8 21.2 31.8

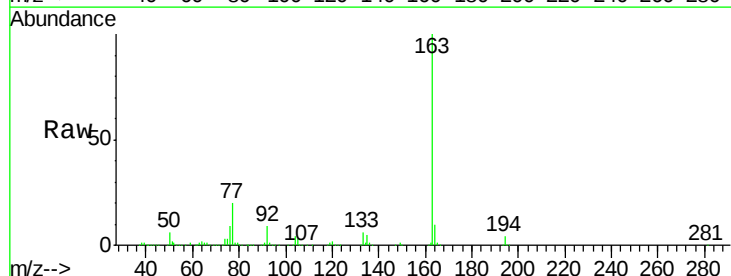


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

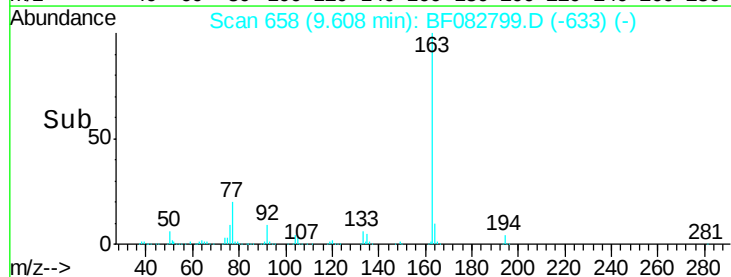
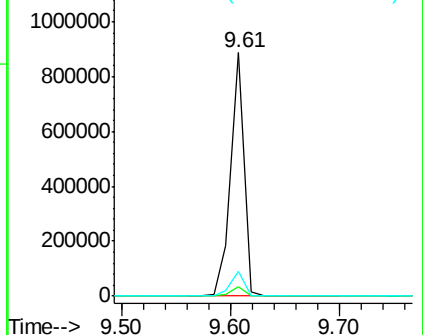


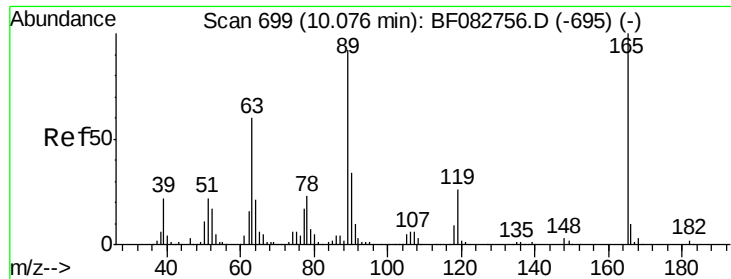
#49
Dimethylphthalate
Concen: 17.65 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Tgt Ion:163 Resp: 756281
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

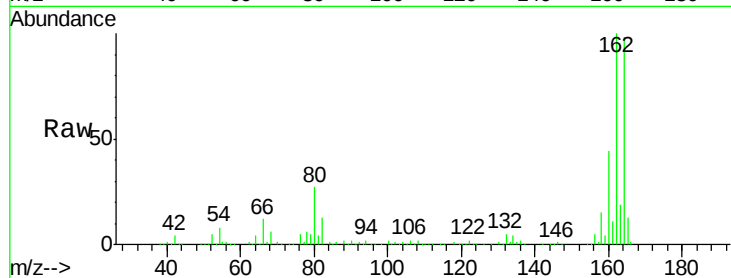




#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Instrument :
BNA_F
ClientSampleId :
T-14R

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#

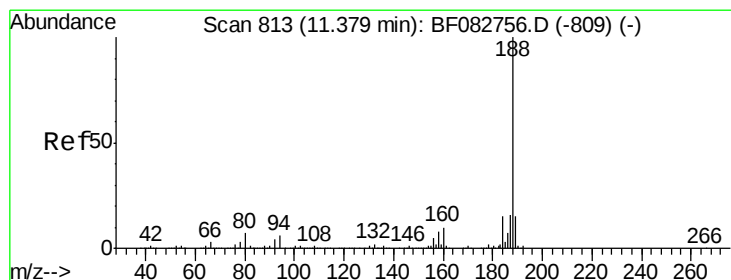
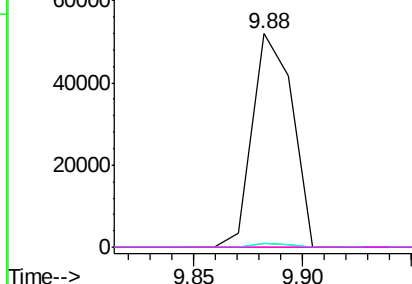
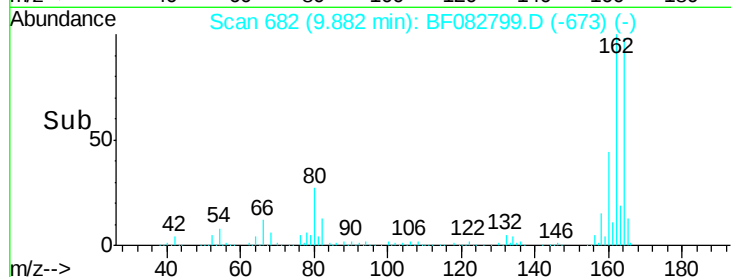


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

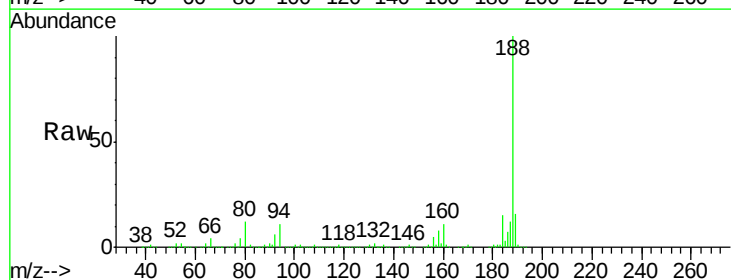
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

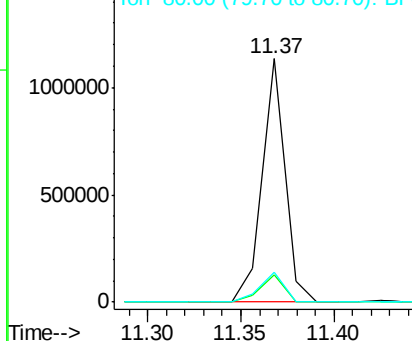
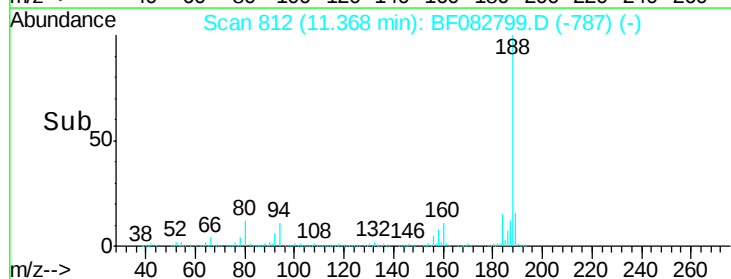
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.1	9.1#
80	12.2	7.0	10.6#

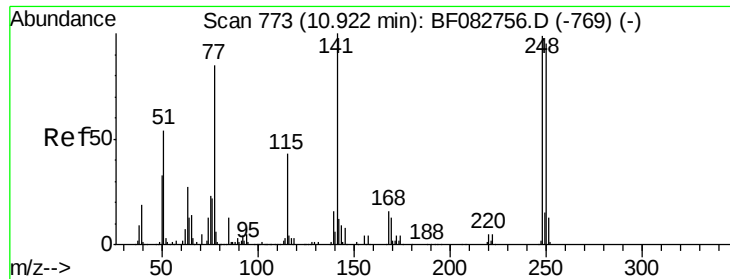


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

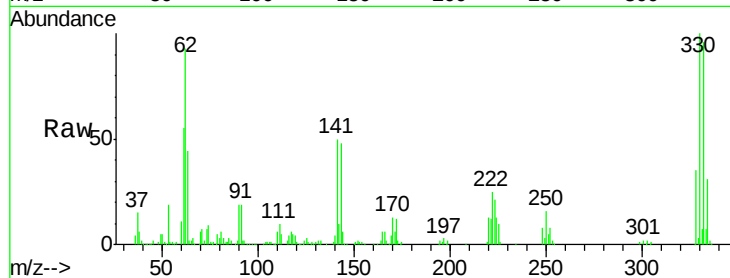




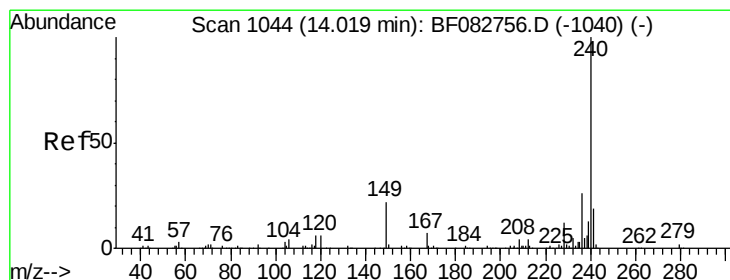
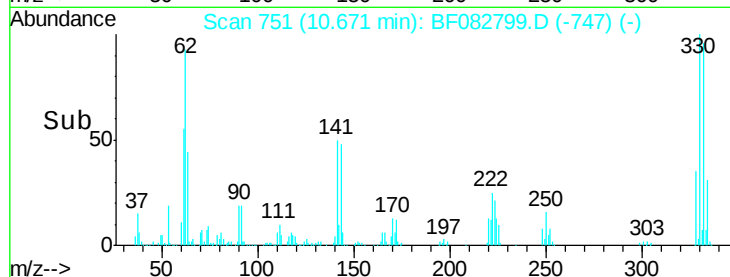
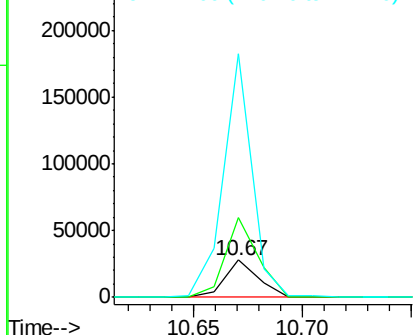
#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Instrument :
BNA_F
ClientSampled :
T-14R

Tgt Ion:248 Resp: 29983
Ion Ratio Lower Upper
248 100
250 212.4 79.4 119.2#
141 650.5 36.3 54.5#

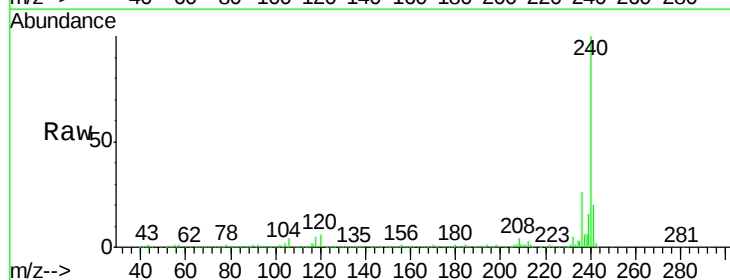


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

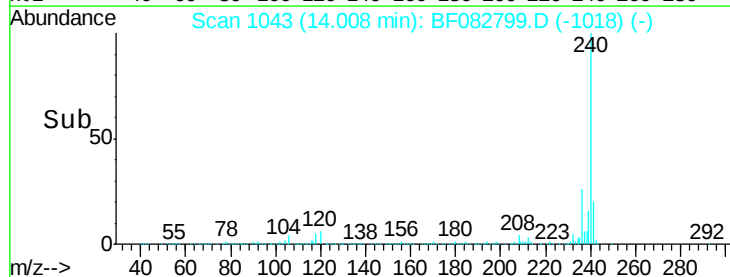
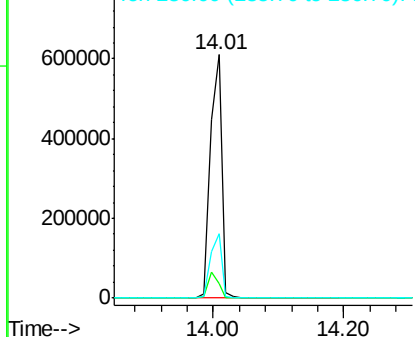


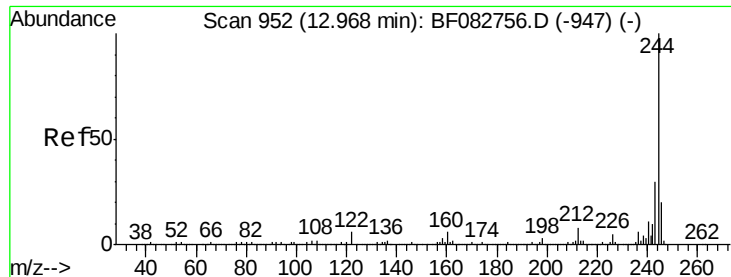
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082799.D
Acq: 7 Nov 2015 9:37

Tgt Ion:240 Resp: 751978
Ion Ratio Lower Upper
240 100
120 5.7 10.9 16.3#
236 26.3 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: 50.37 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082799.D

Acq: 7 Nov 2015 9:37

Instrument :

BNA_F

ClientSampleId :

T-14R

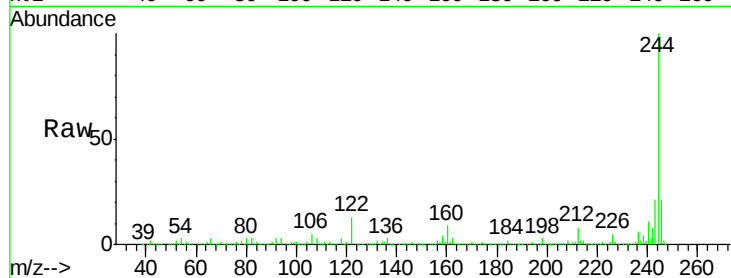
Tgt Ion:244 Resp: 1596864

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

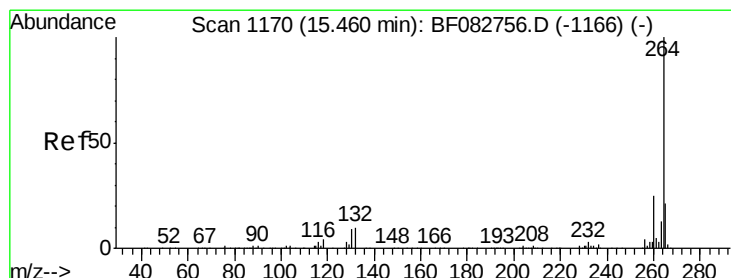
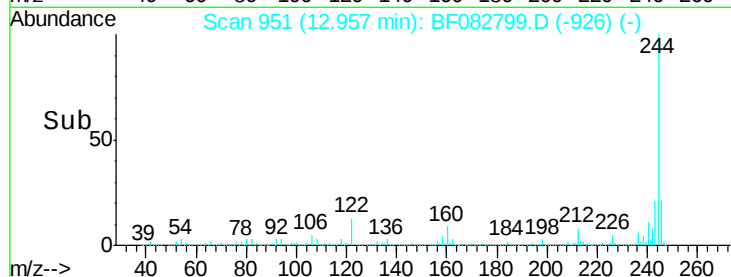
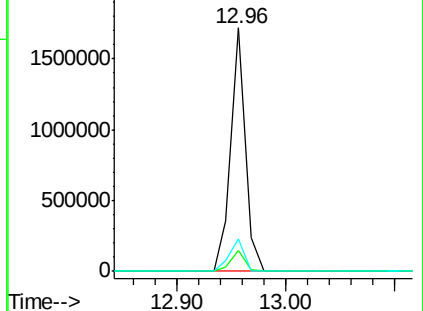
122 13.2 11.3 16.9



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: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082799.D

Acq: 7 Nov 2015 9:37

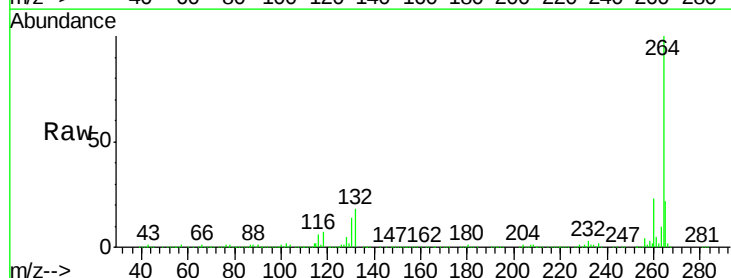
Tgt Ion:264 Resp: 607558

Ion Ratio Lower Upper

264 100

260 23.5 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

