

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082827.D
 Acq On : 8 Nov 2015 7:27
 Operator : UM/IZ
 Sample : G4261-10RE
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

Quant Time: Nov 09 00:14:27 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

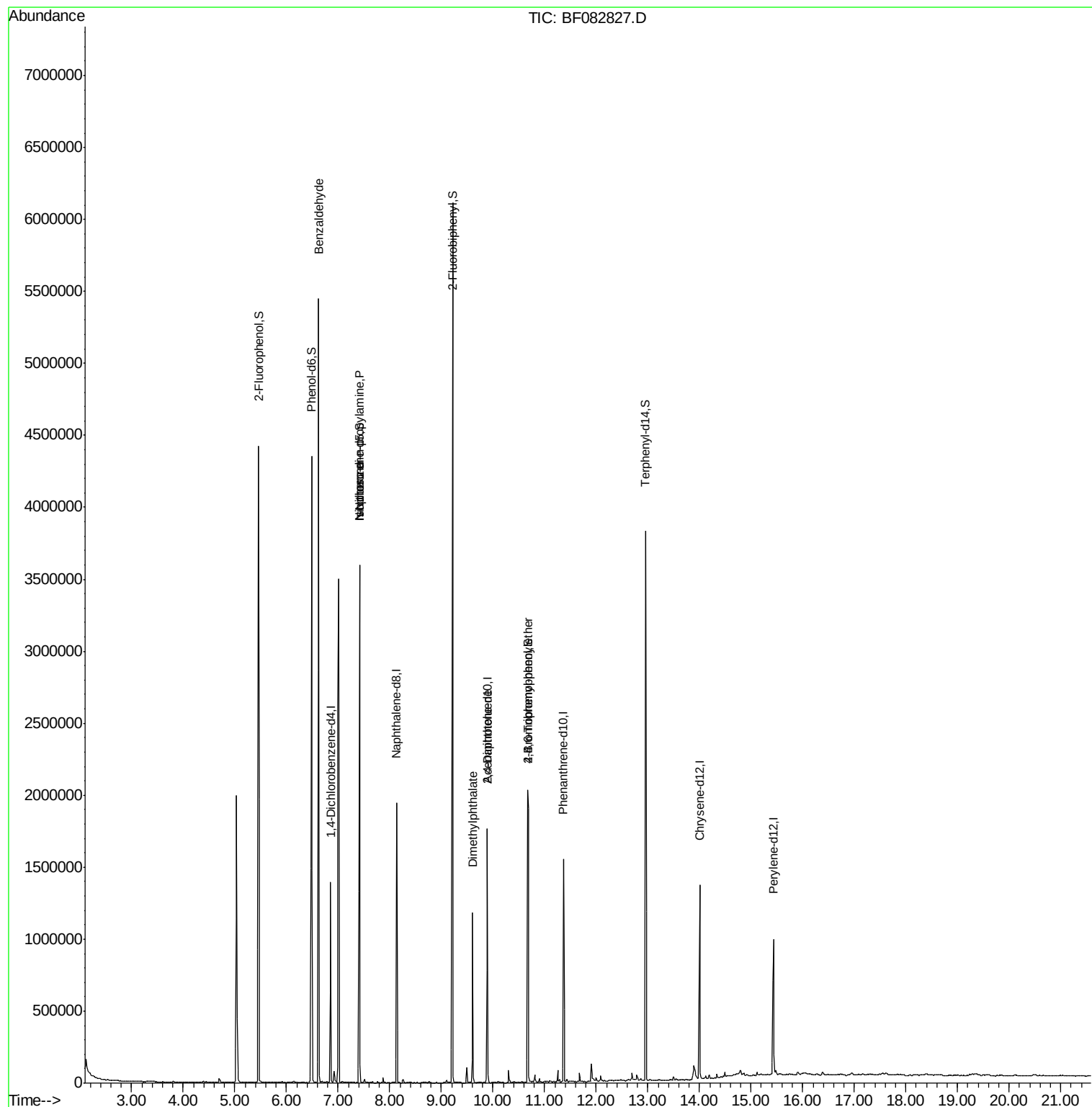
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	228445	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	788454	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	388769	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	589348	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	523962	20.00	ng	-0.01
86) Perylene-d12	15.44	264	479166	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1394479	94.98	ng	0.01
7) Phenol-d6	6.49	99	1781700	91.28	ng	0.01
23) Nitrobenzene-d5	7.41	82	1238713	68.36	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	372541	83.57	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1991474	73.42	ng	0.00
78) Terphenyl-d14	12.96	244	1231452	55.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	42154	3.91	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.41	70	172944	12.05	ng	# 71
25) Isophorone	7.41	82	1214982	36.24	ng	# 70
49) Dimethylphthalate	9.61	163	424307	13.32	ng	99
56) 2,4-Dinitrotoluene	9.89	165	49618	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	23226	3.27	ng	# 1

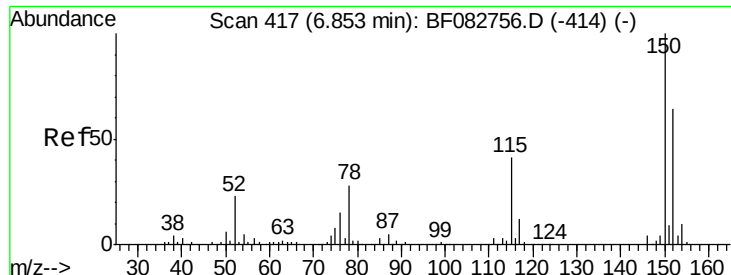
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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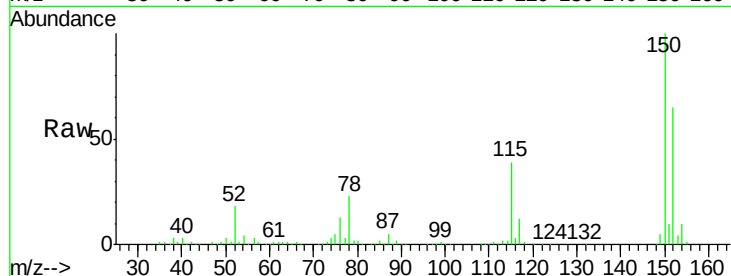




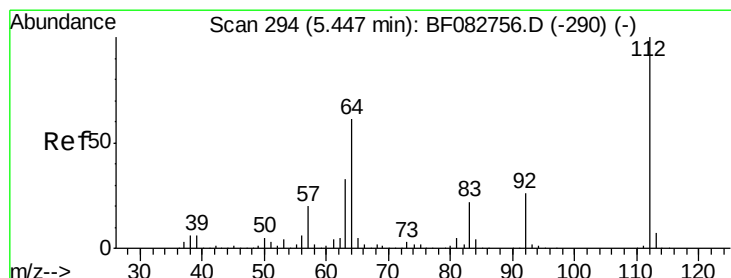
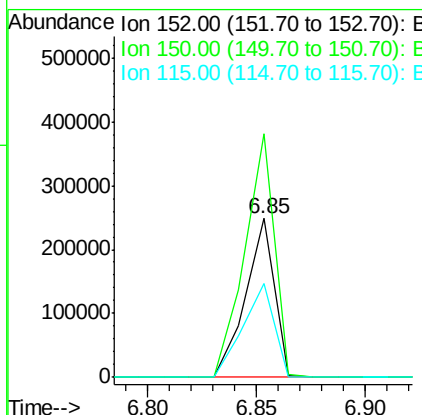
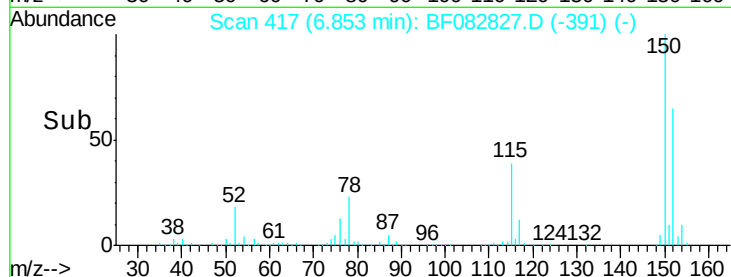
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

Tgt Ion:152 Resp: 228445
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.0 190.4
 115 59.4 47.0 70.6

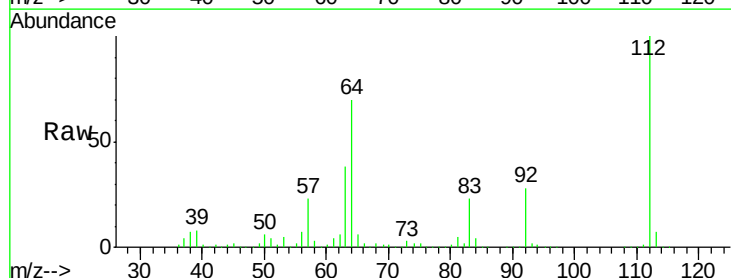


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

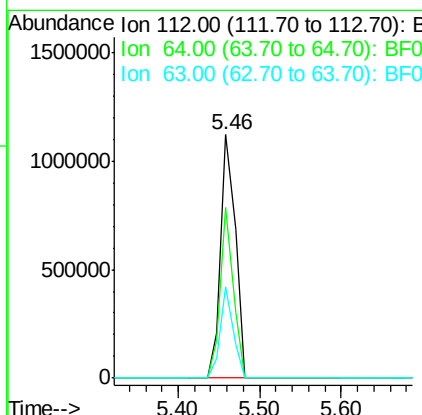
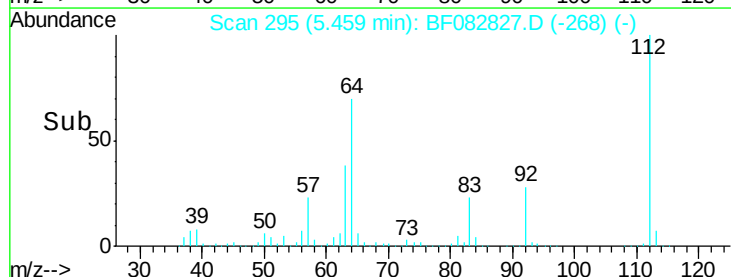


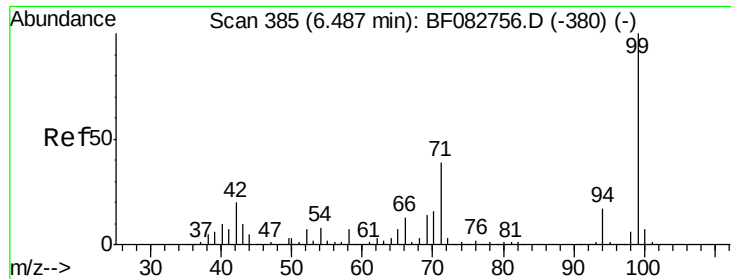
#5
 2-Fluorophenol
 Concen: 94.98 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Tgt Ion:112 Resp: 1394479
 Ion Ratio Lower Upper
 112 100
 64 70.2 48.9 73.3
 63 37.5 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: 91.28 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082827.D

Acq: 8 Nov 2015 7:27

Instrument :

BNA_F

ClientSampleId :

SB-5RE

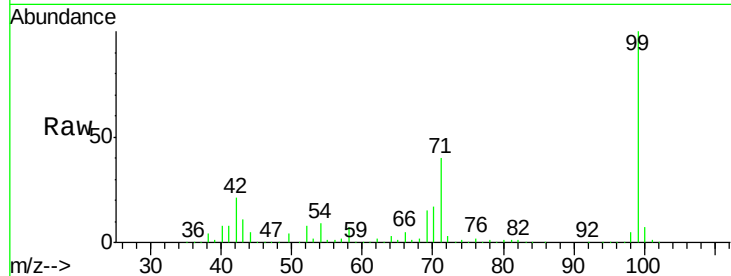
Tgt Ion: 99 Resp: 1781700

Ion Ratio Lower Upper

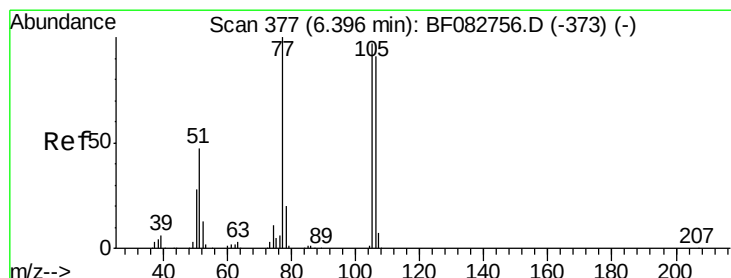
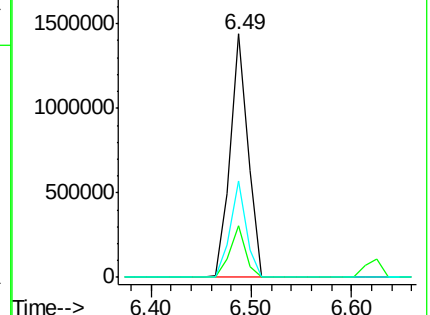
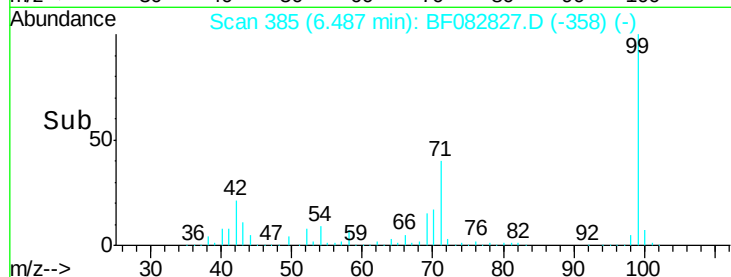
99 100

42 21.3 19.2 28.8

71 39.6 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: 3.91 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082827.D

Acq: 8 Nov 2015 7:27

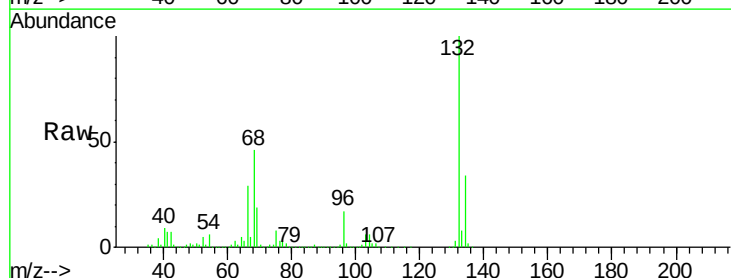
Tgt Ion: 77 Resp: 42154

Ion Ratio Lower Upper

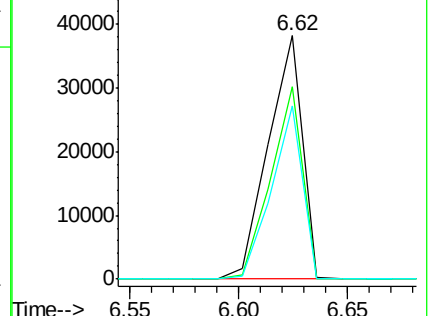
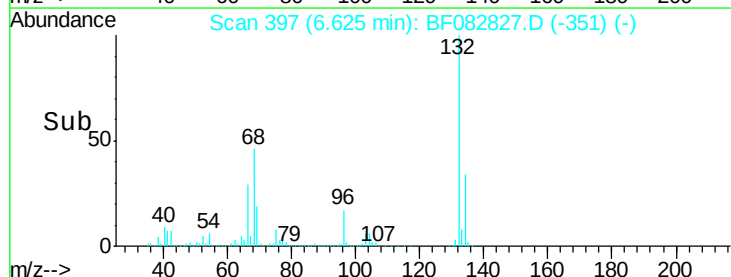
77 100

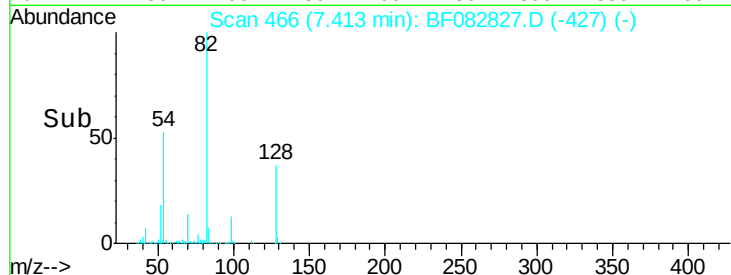
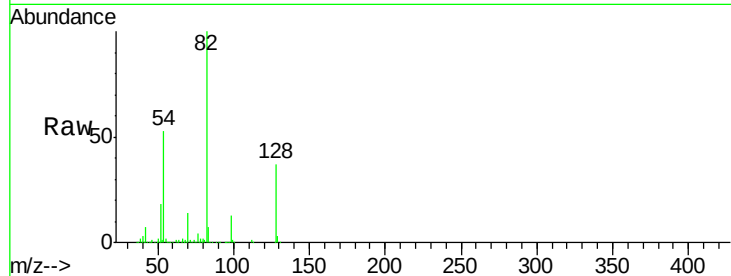
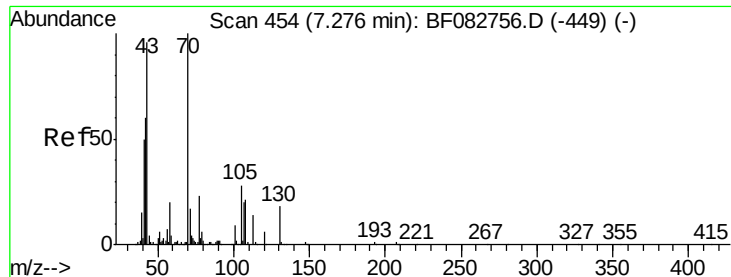
105 78.8 63.5 103.5

106 70.9 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

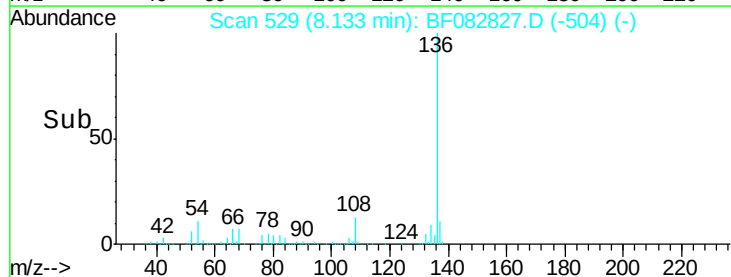
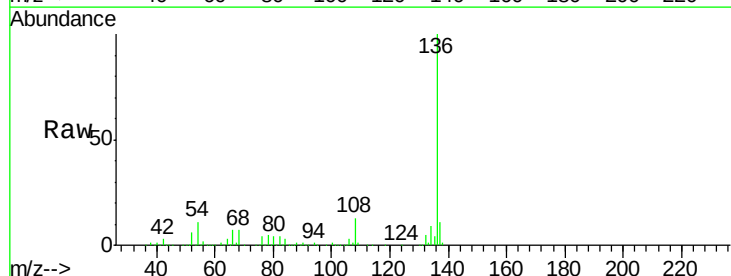
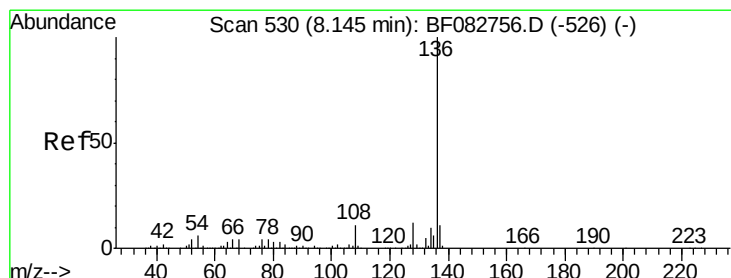
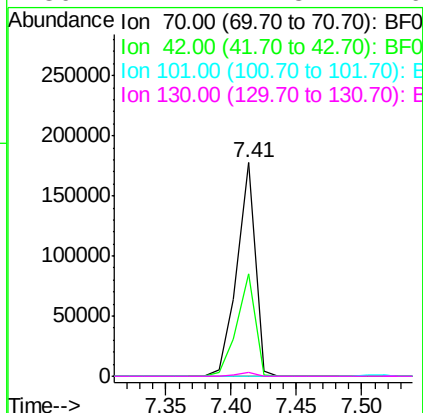




#19
n-Nitroso-di-n-propylamine
Concen: 12.05 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082827.D
Acq: 8 Nov 2015 7:27

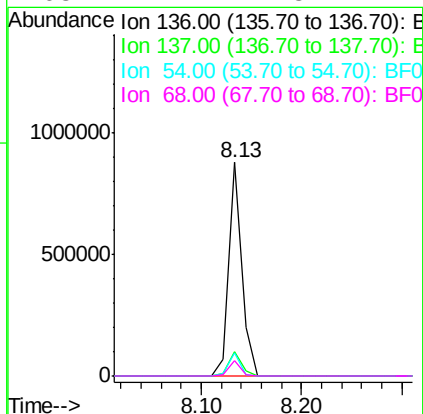
Instrument :
BNA_F
ClientSampleId :
SB-5RE

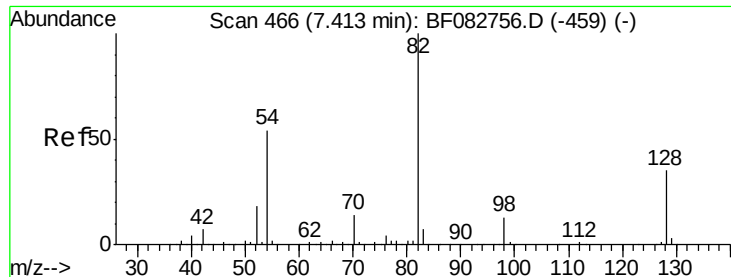
Tgt Ion:	70	Resp:	172944
Ion	Ratio	Lower	Upper
70	100		
42	48.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082827.D
Acq: 8 Nov 2015 7:27

Tgt Ion:	136	Resp:	788454
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.8	9.1	13.7
68	7.2	4.8	7.2#





#23

Nitrobenzene-d5

Concen: 68.36 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082827.D

Acq: 8 Nov 2015 7:27

Instrument :

BNA_F

ClientSampleId :

SB-5RE

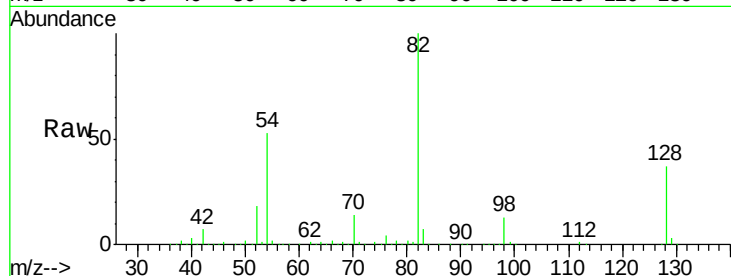
Tgt Ion: 82 Resp: 1238713

Ion Ratio Lower Upper

82 100

128 37.3 26.8 40.2

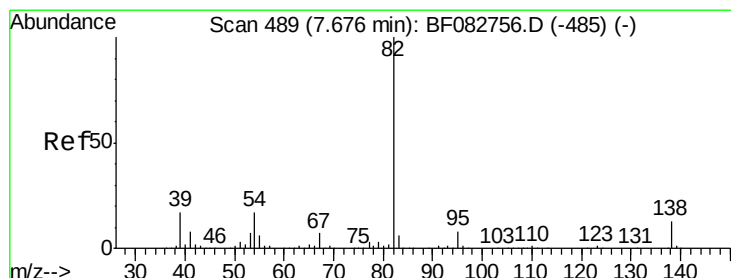
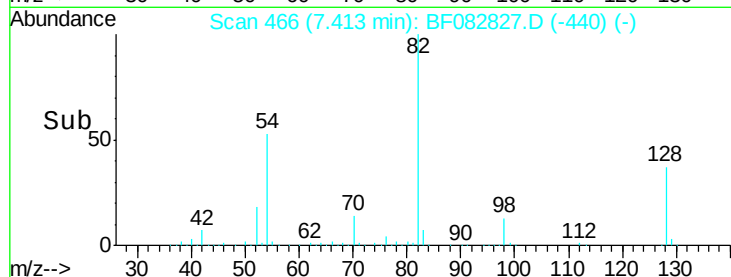
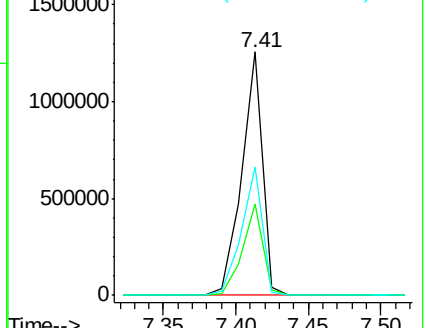
54 52.9 45.7 68.5



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: 36.24 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082827.D

Acq: 8 Nov 2015 7:27

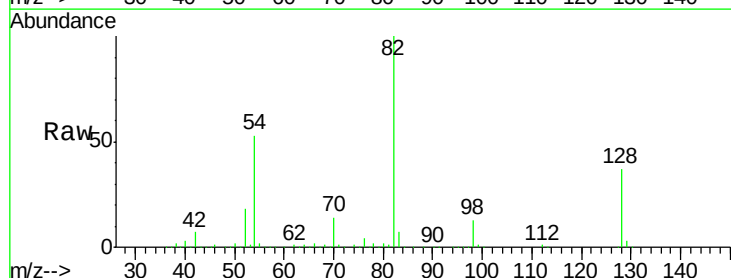
Tgt Ion: 82 Resp: 1214982

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

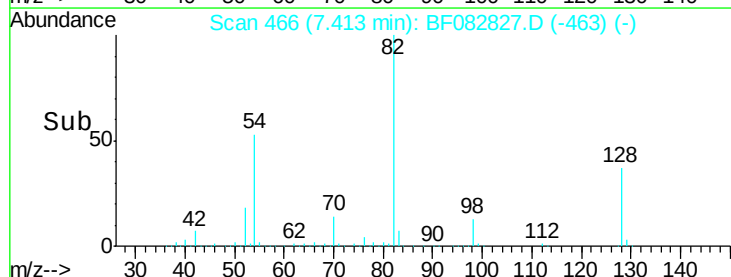
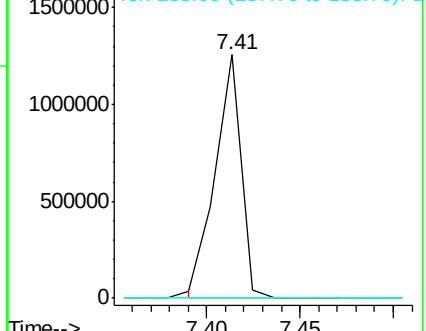
138 0.0 11.4 17.0#

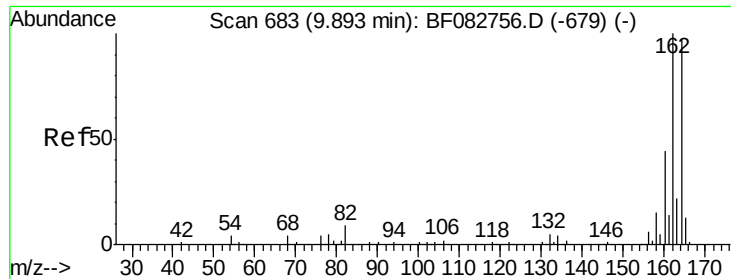


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

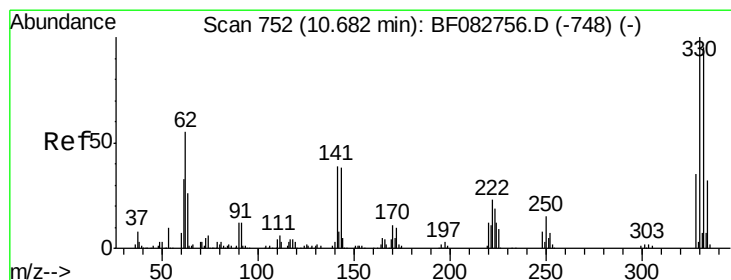
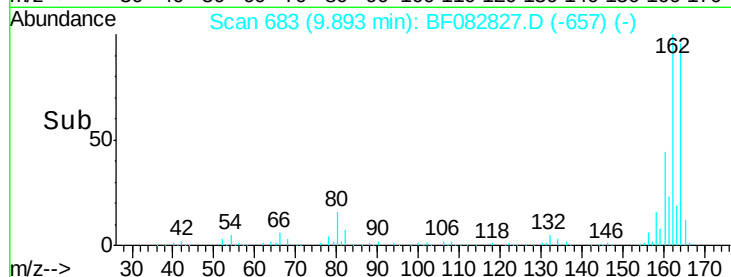
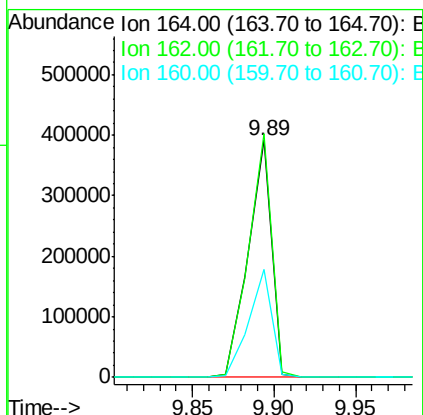
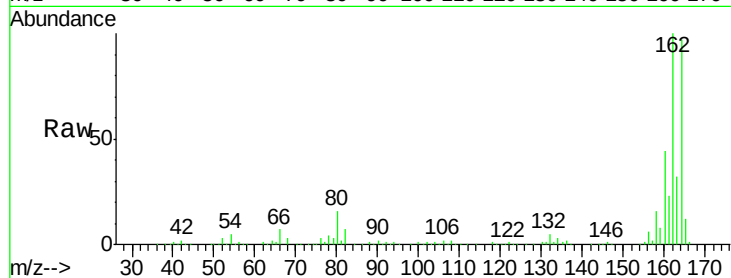




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

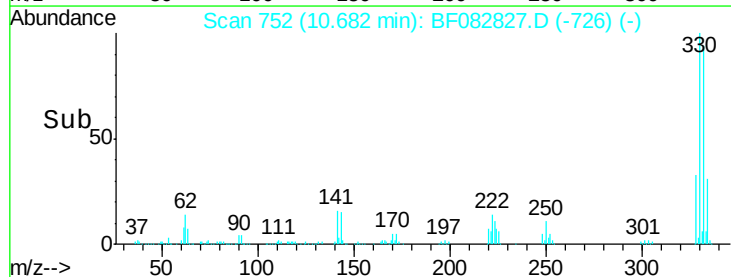
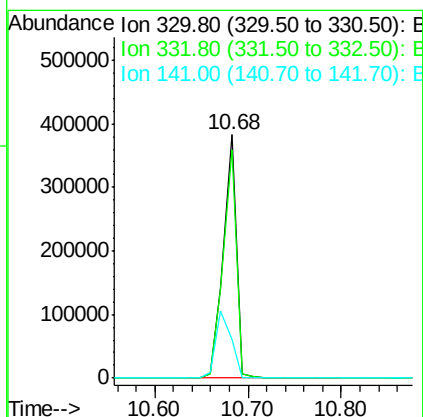
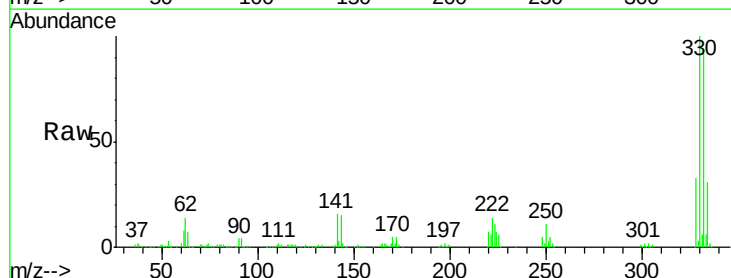
Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

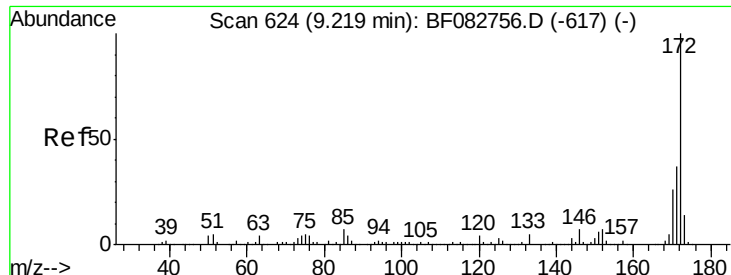
Tgt Ion:164 Resp: 388769
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.9 127.3
 160 45.6 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 83.57 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Tgt Ion:330 Resp: 372541
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 32.4 41.2 61.8#

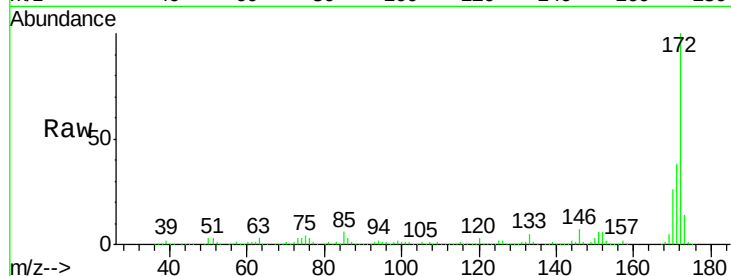




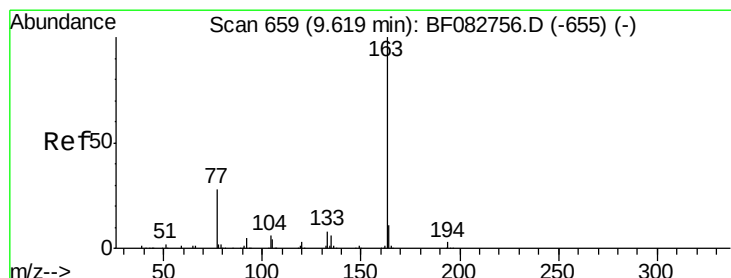
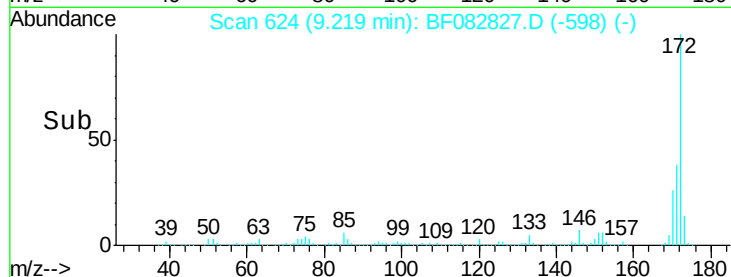
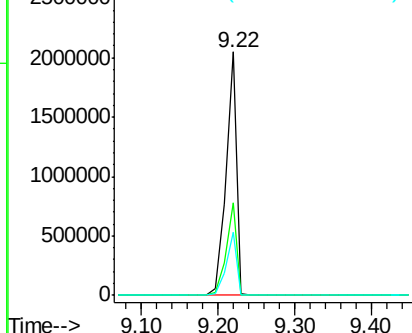
#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

Tgt Ion:172 Resp: 1991474
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 26.1 21.2 31.8

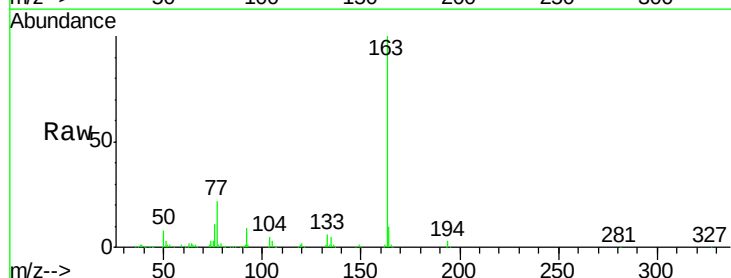


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

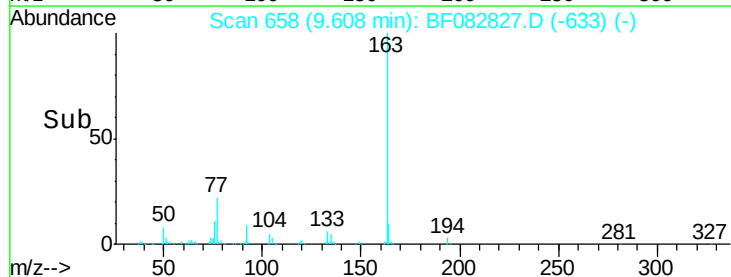
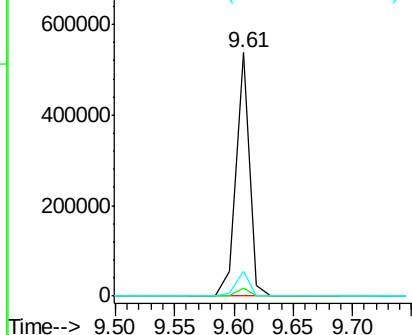


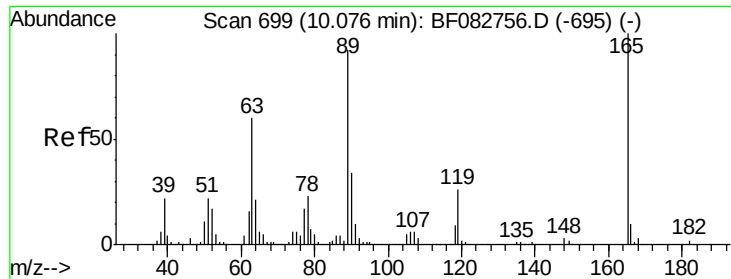
#49
 Dimethylphthalate
 Concen: 13.32 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Tgt Ion:163 Resp: 424307
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.3 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

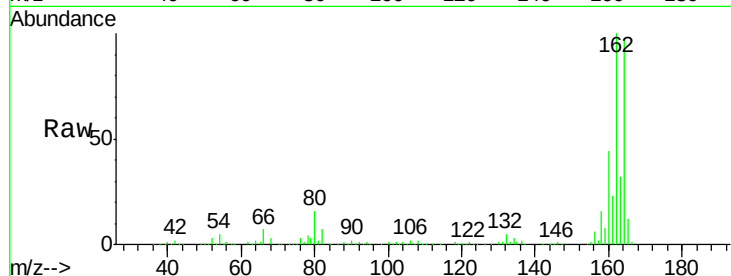




#56
 2,4-Dinitrotoluene
 Concen: 5.38 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.18 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.2	70.6	106.0#
182	0.0	1.5	2.3#

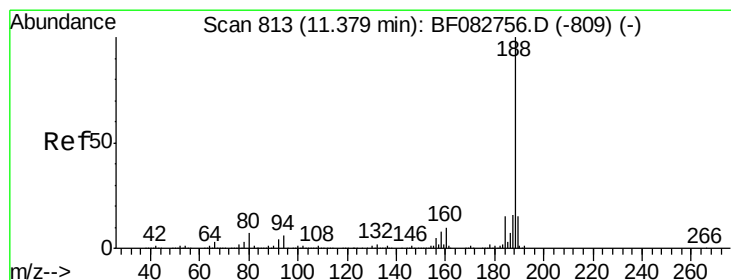
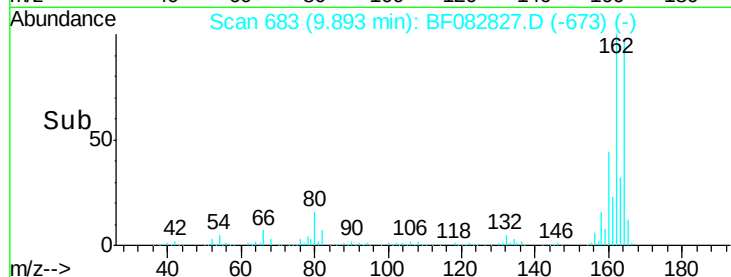
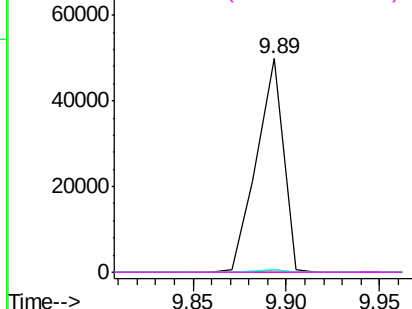


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

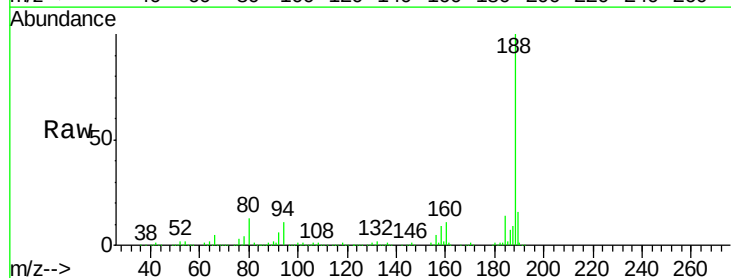
Ion 89.00 (88.70 to 89.70): BF0

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: BF082827.D
 Acq: 8 Nov 2015 7:27

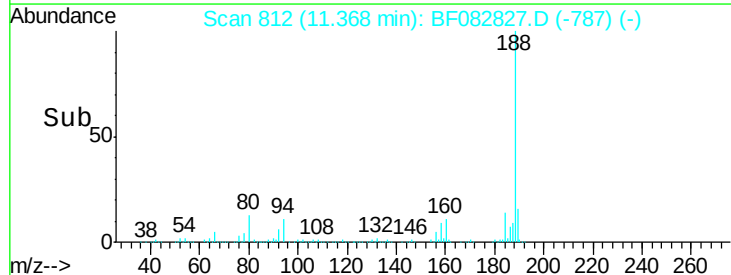
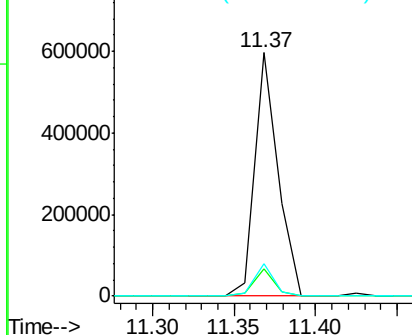
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.1	9.1#
80	13.2	7.0	10.6#

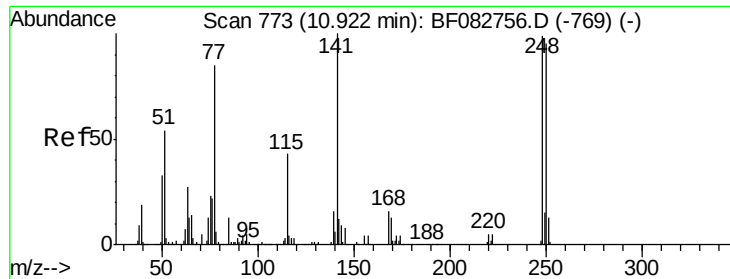


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

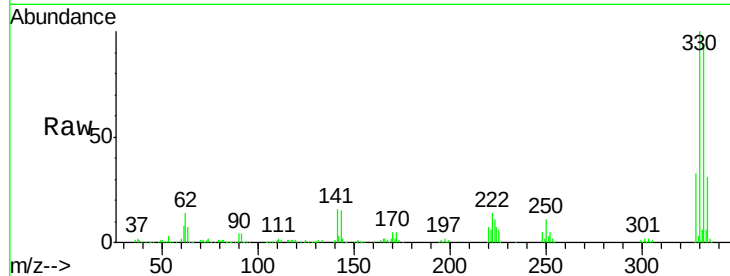




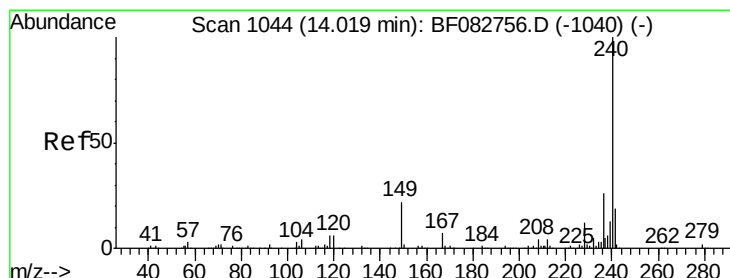
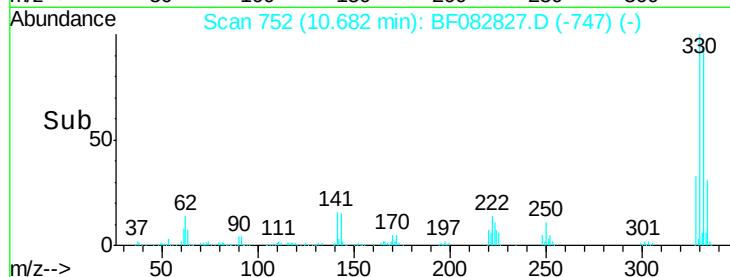
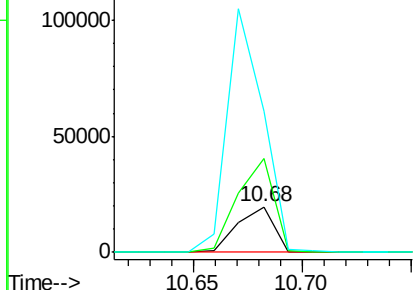
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082827.D
Acq: 8 Nov 2015 7:27

Instrument :
BNA_F
ClientSampled :
SB-5RE

Tgt Ion:248 Resp: 23226
Ion Ratio Lower Upper
248 100
250 206.5 79.4 119.2#
141 310.2 36.3 54.5#

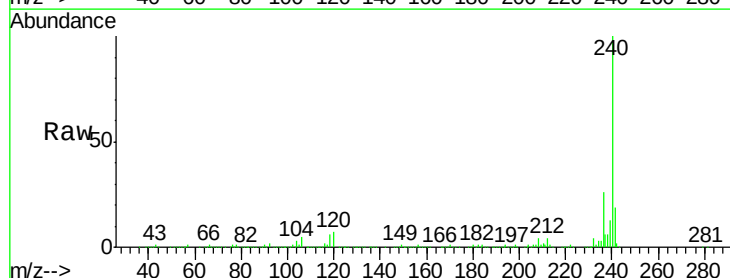


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

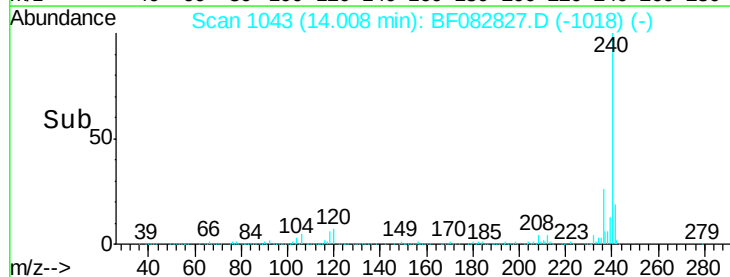
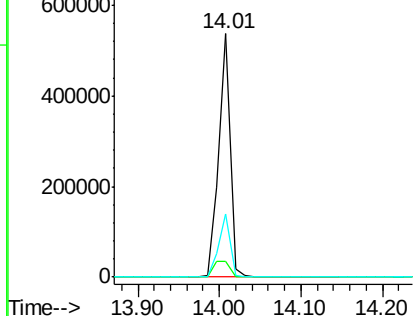


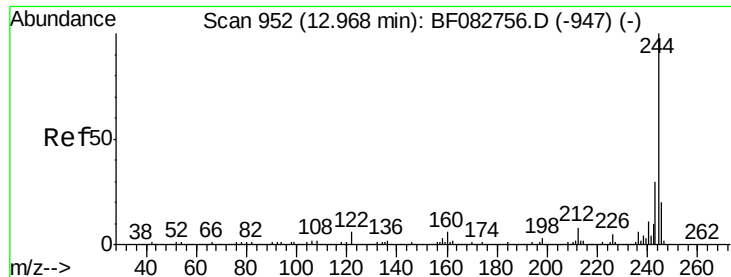
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082827.D
Acq: 8 Nov 2015 7:27

Tgt Ion:240 Resp: 523962
Ion Ratio Lower Upper
240 100
120 6.7 10.9 16.3#
236 26.0 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

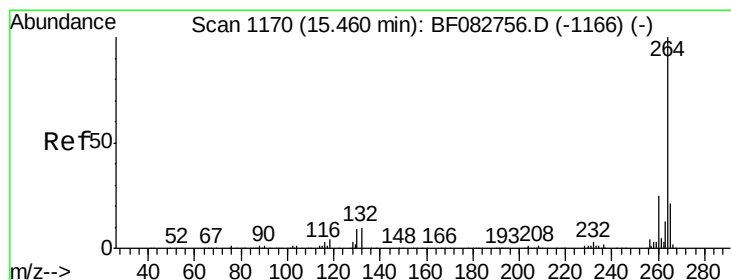
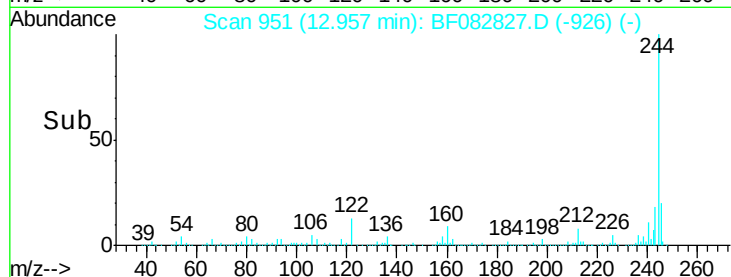
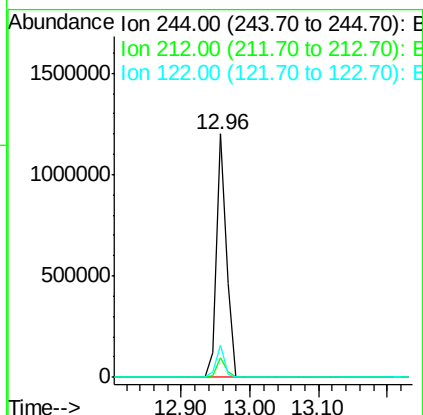
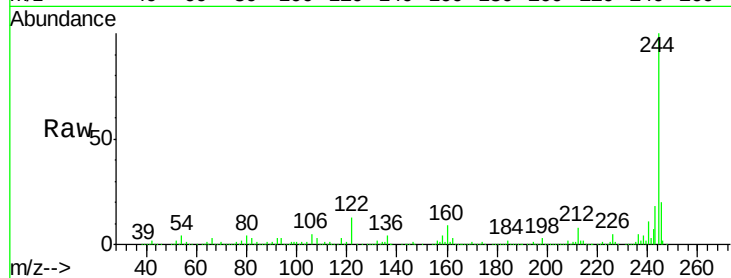




#78
 Terphenyl-d14
 Concen: 55.74 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-5RE

Tgt Ion:244 Resp: 1231452
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 13.3 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082827.D
 Acq: 8 Nov 2015 7:27

Tgt Ion:264 Resp: 479166
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.2 17.4 26.0

