

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082907.D
 Acq On : 13 Nov 2015 19:58
 Operator : UM/IZ
 Sample : G4370-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02

Quant Time: Nov 13 22:25:14 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

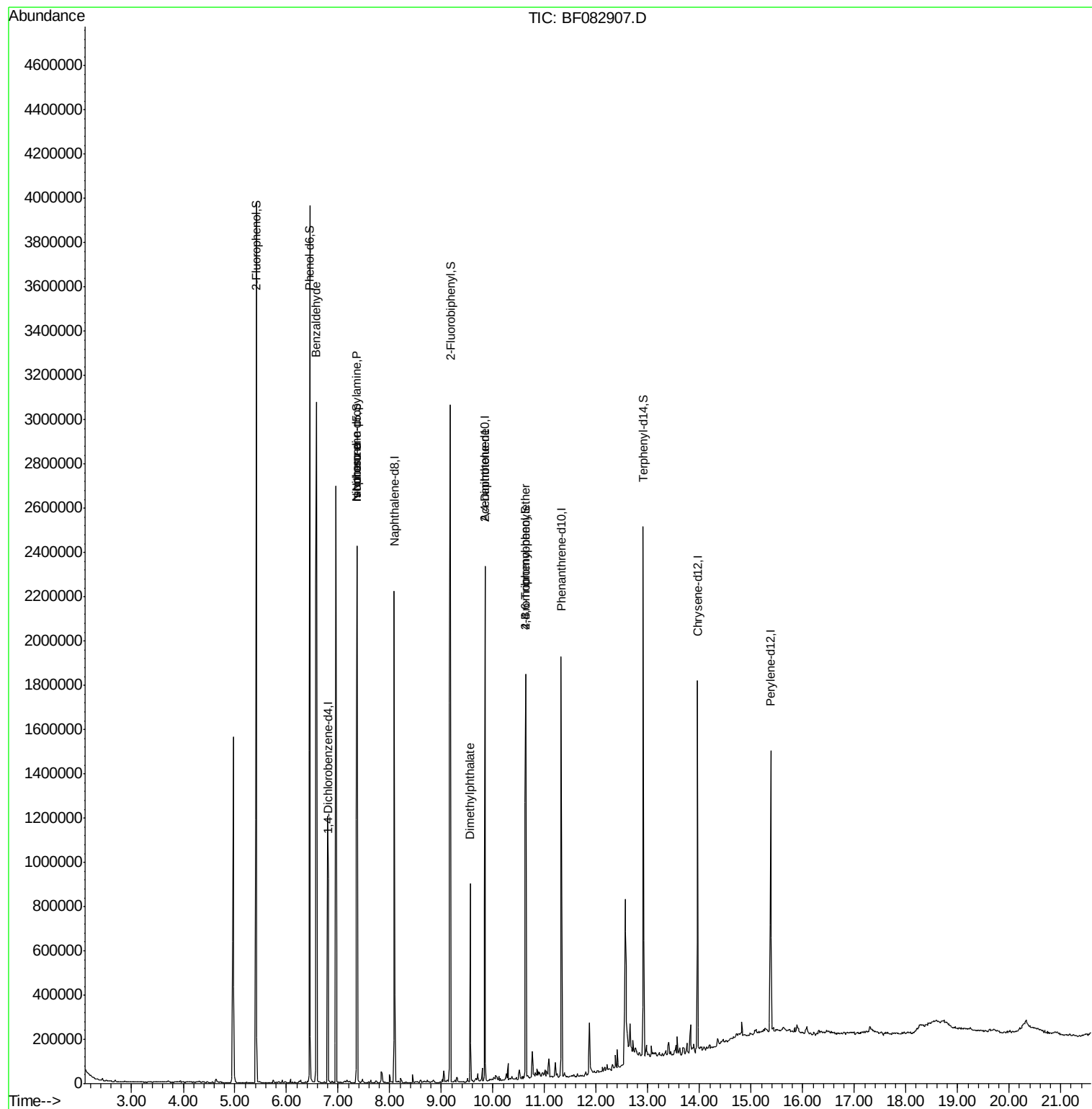
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	240383	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	910029	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	470220	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	746667	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	574426	20.00	ng	-0.06
86) Perylene-d12	15.38	264	589527	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1011683	65.48	ng	-0.03
7) Phenol-d6	6.45	99	1358822	66.16	ng	-0.02
23) Nitrobenzene-d5	7.37	82	912363	43.62	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	269095	49.91	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1133243	34.54	ng	-0.05
78) Terphenyl-d14	12.91	244	714257	29.49	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.58	77	25602	2.26	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.37	70	120662	7.99	ng	# 66
25) Isophorone	7.37	82	896874	23.18	ng	# 70
49) Dimethylphthalate	9.56	163	329110	8.54	ng	100
56) 2,4-Dinitrotoluene	9.85	165	59208	5.31	ng	# 15
66) 4-Bromophenyl-phenylether	10.64	248	19282	2.14	ng	# 1

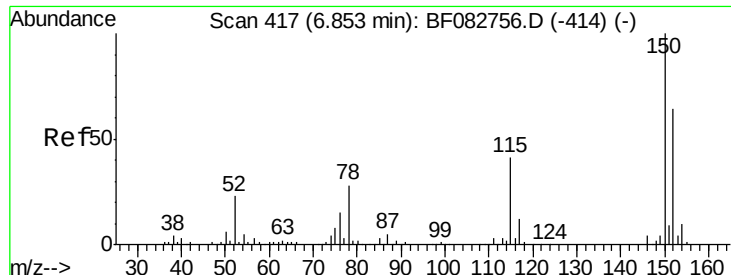
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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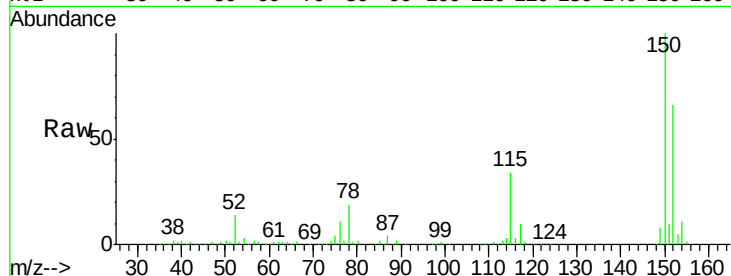




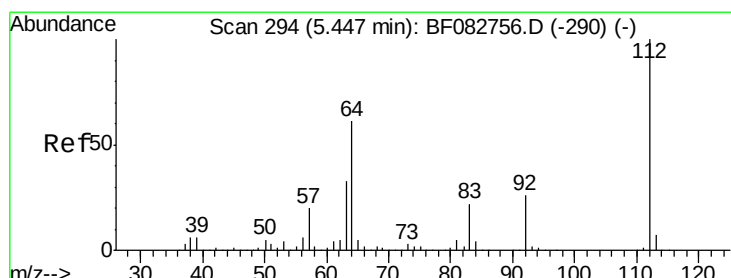
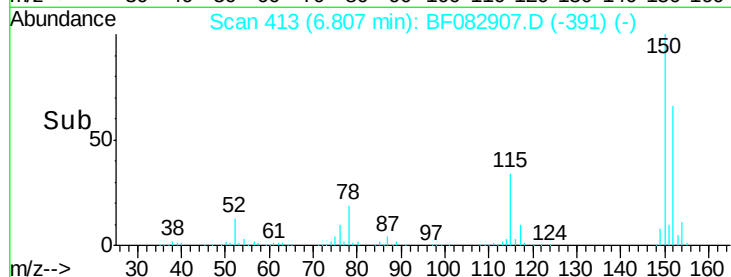
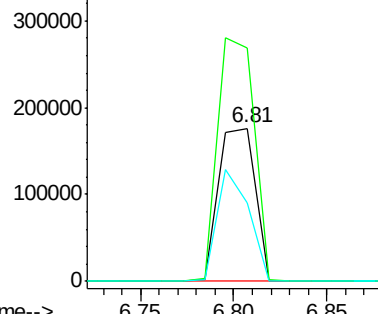
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02

Tgt Ion:152 Resp: 240383
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.0 190.4
 115 51.2 47.0 70.6

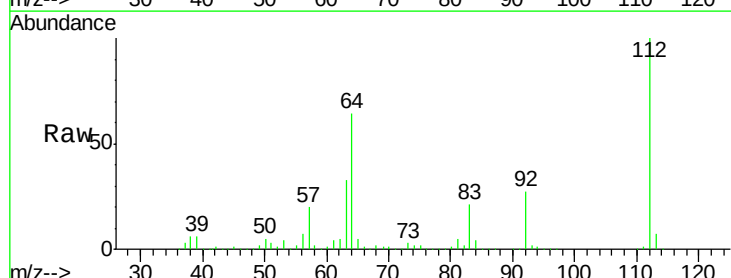


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

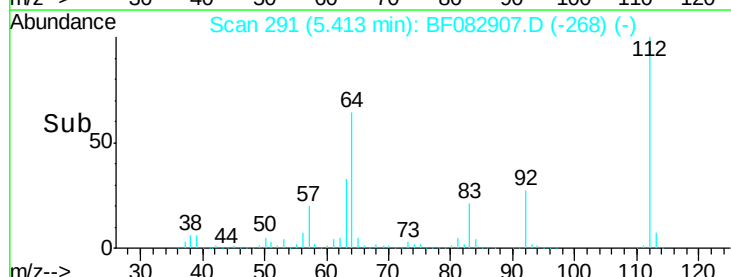
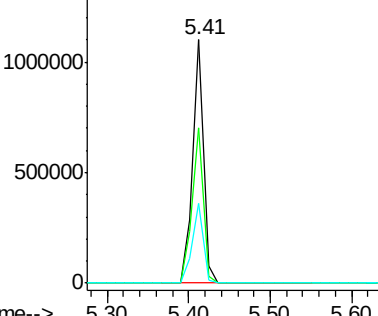


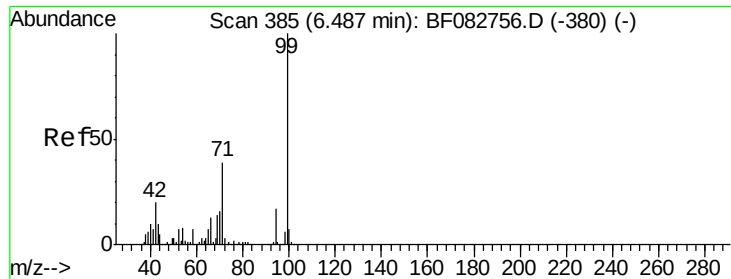
#5
 2-Fluorophenol
 Concen: 65.48 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Tgt Ion:112 Resp: 1011683
 Ion Ratio Lower Upper
 112 100
 64 63.6 48.9 73.3
 63 32.6 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: 66.16 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

Instrument :

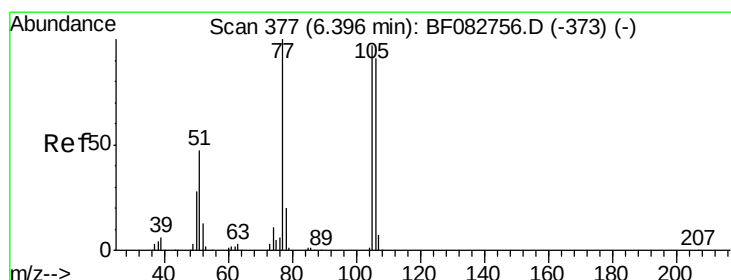
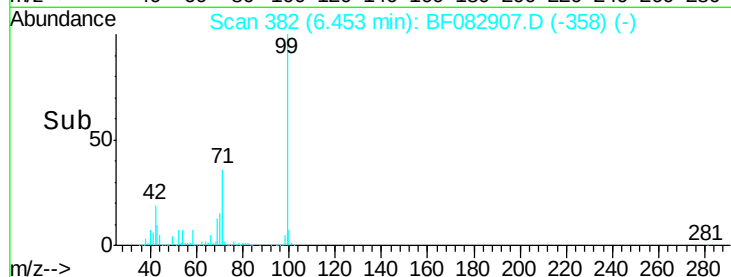
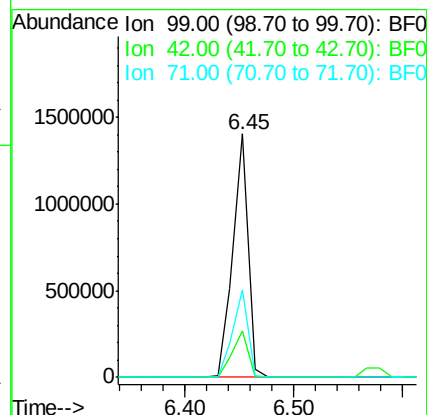
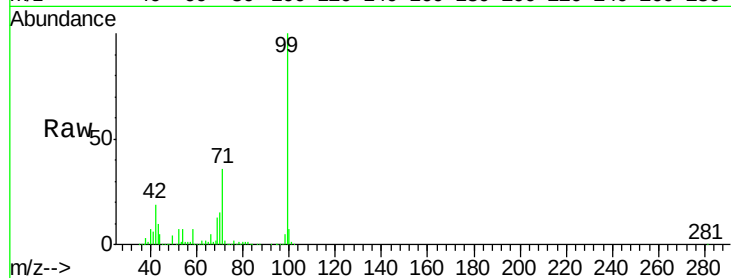
BNA_F

ClientSampleId :

P001-TS003-02

Tgt Ion: 99 Resp: 1358822

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.2	28.8#
71	36.0	35.0	52.4



#9

Benzaldehyde

Concen: 2.26 ng

RT: 6.58 min Scan# 393

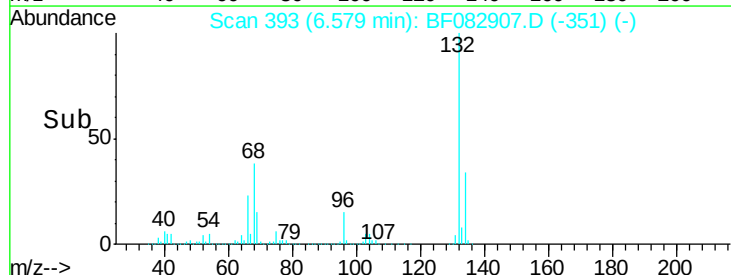
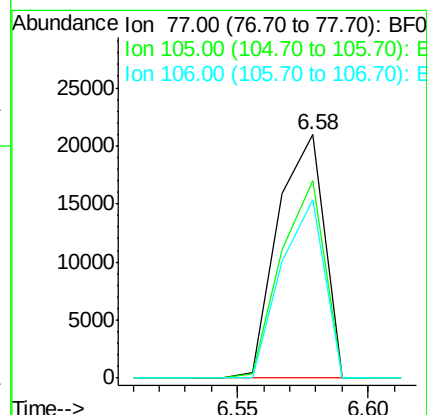
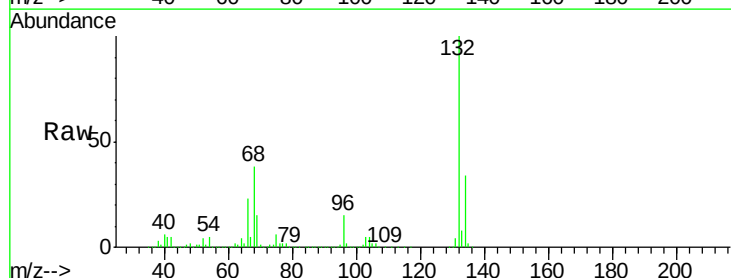
Delta R.T. 0.18 min

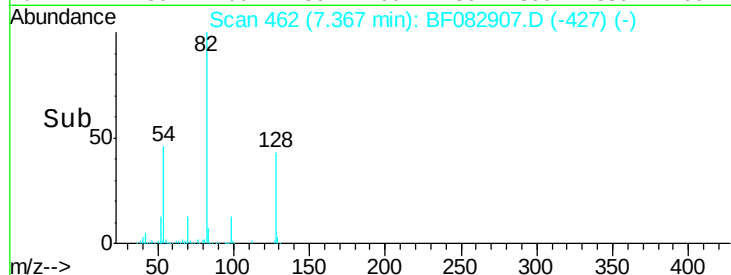
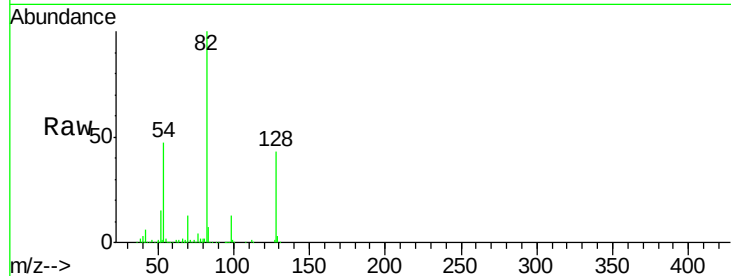
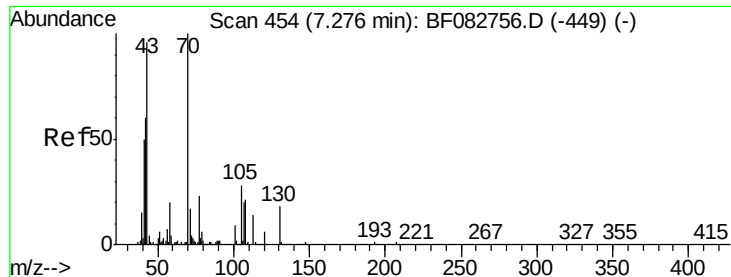
Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

Tgt Ion: 77 Resp: 25602

Ion	Ratio	Lower	Upper
77	100		
105	81.0	63.5	103.5
106	73.0	59.3	99.3

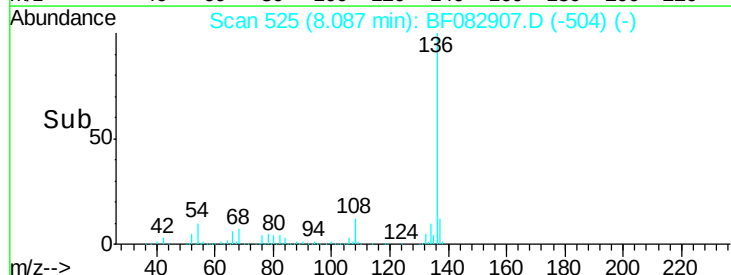
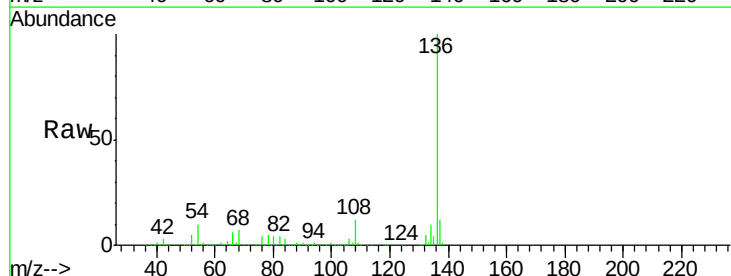
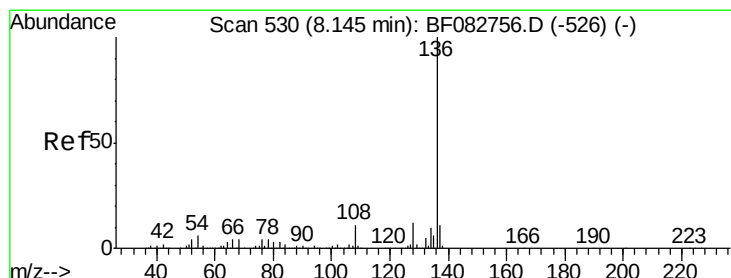
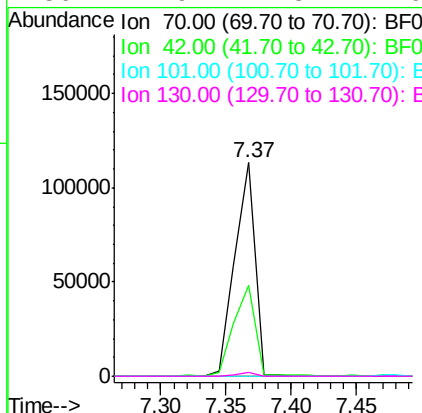




#19
n-Nitroso-di-n-propylamine
Concen: 7.99 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082907.D
Acq: 13 Nov 2015 19:58

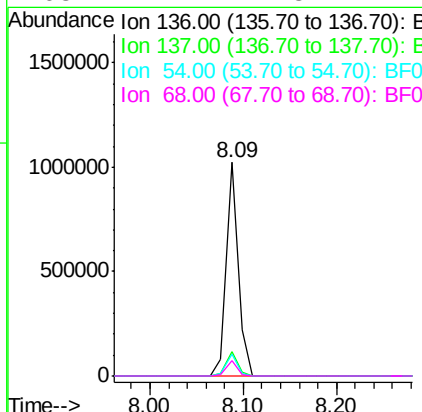
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02

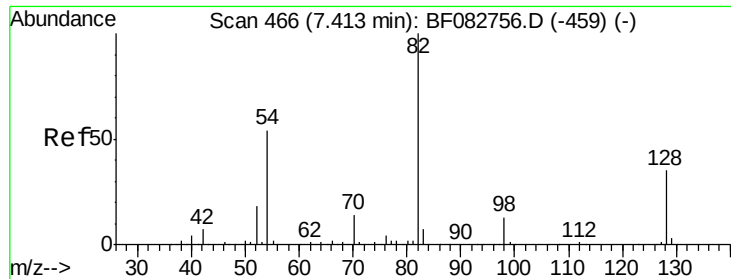
Tgt Ion: 70 Resp: 120662
Ion Ratio Lower Upper
70 100
42 42.7 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082907.D
Acq: 13 Nov 2015 19:58

Tgt Ion: 136 Resp: 910029
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.3 9.1 13.7
68 7.4 4.8 7.2#

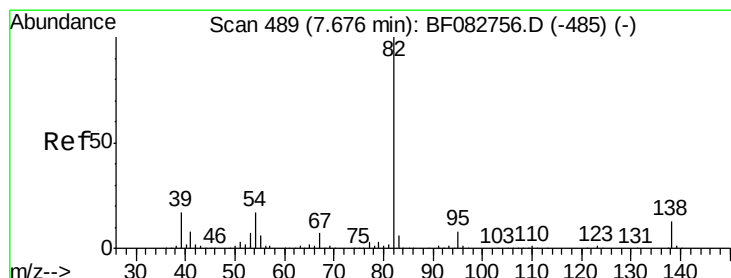
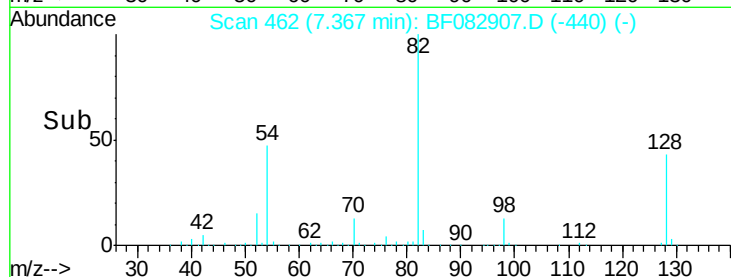
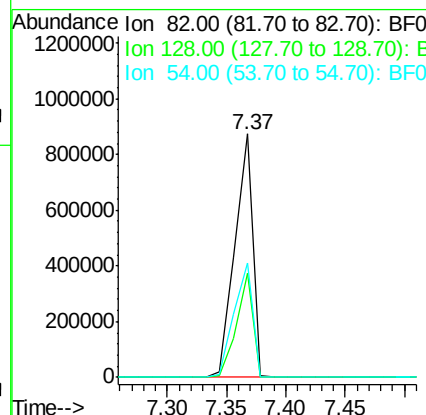
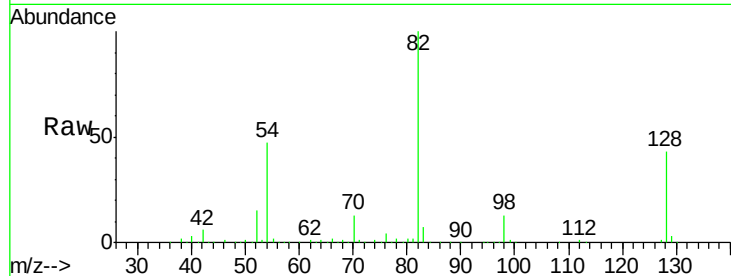




#23
 Nitrobenzene-d5
 Concen: 43.62 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

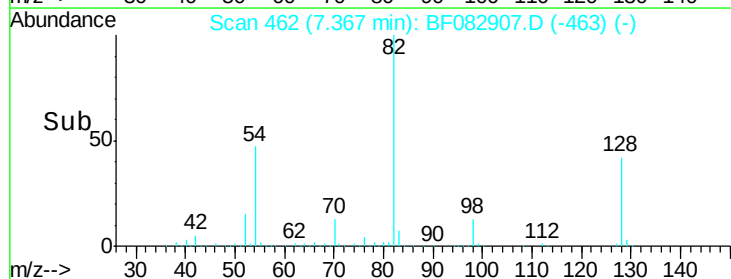
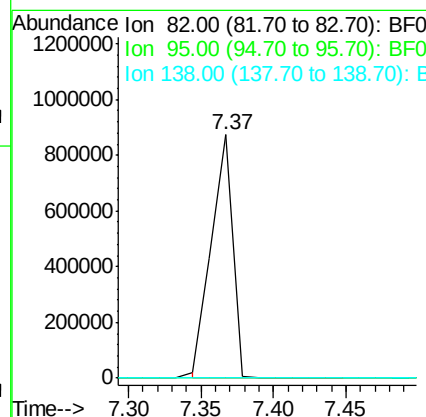
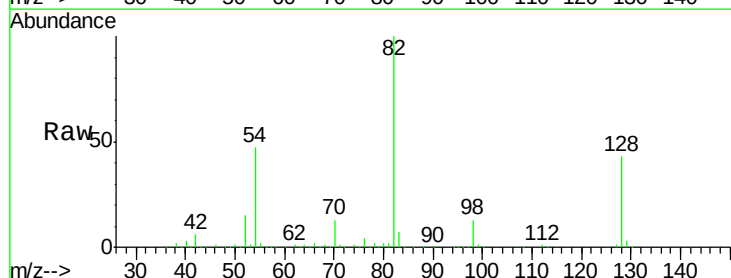
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02

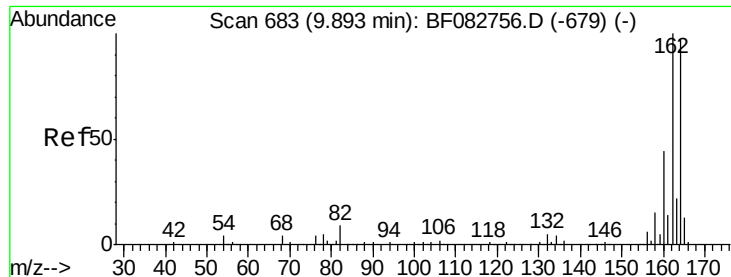
Tgt Ion: 82 Resp: 912363
 Ion Ratio Lower Upper
 82 100
 128 42.6 26.8 40.2#
 54 46.9 45.7 68.5



#25
 Isophorone
 Concen: 23.18 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Tgt Ion: 82 Resp: 896874
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02

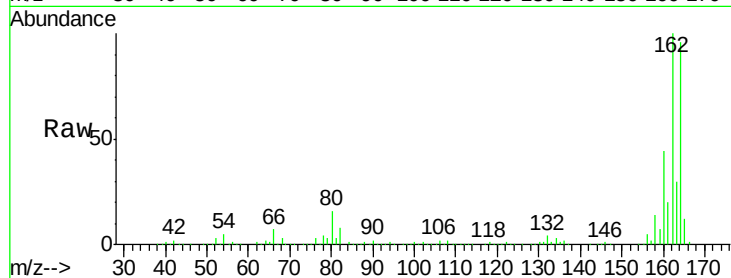
Tgt Ion:164 Resp: 470220

Ion Ratio Lower Upper

164 100

162 104.3 84.9 127.3

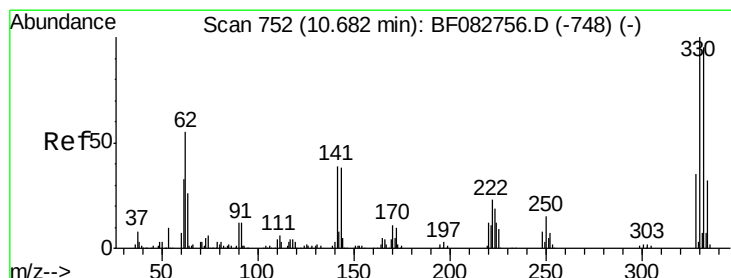
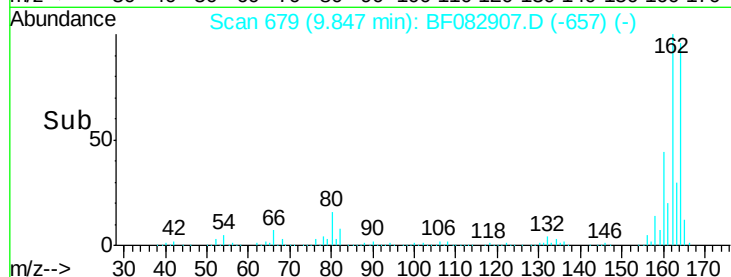
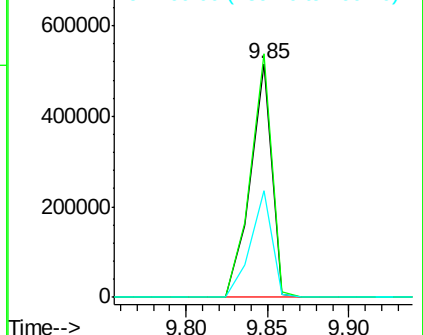
160 45.6 37.5 56.3



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: 49.91 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

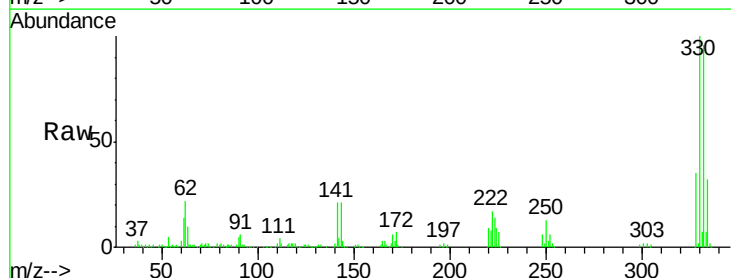
Tgt Ion:330 Resp: 269095

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

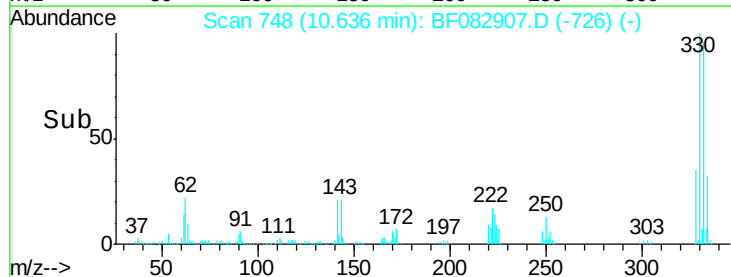
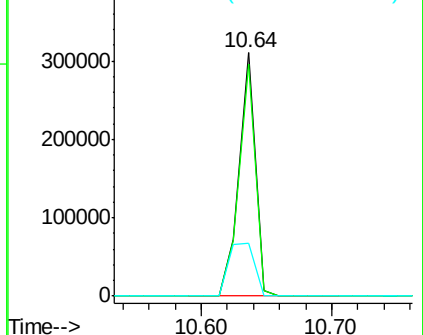
141 34.4 41.2 61.8#

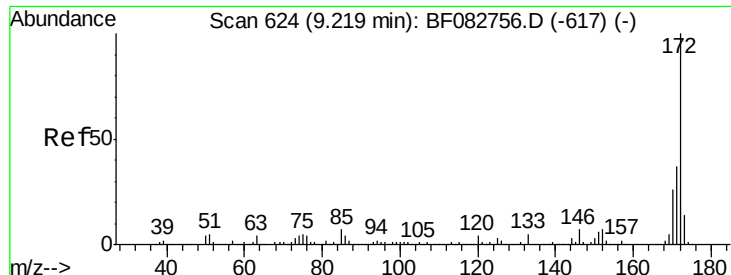


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

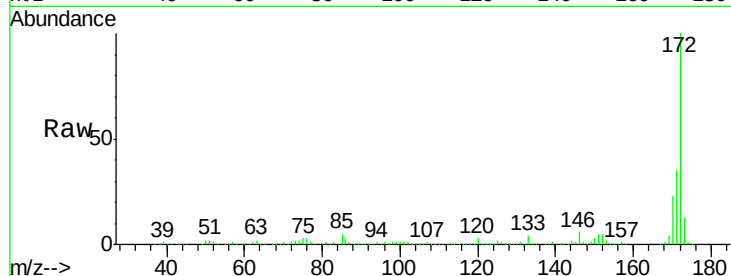




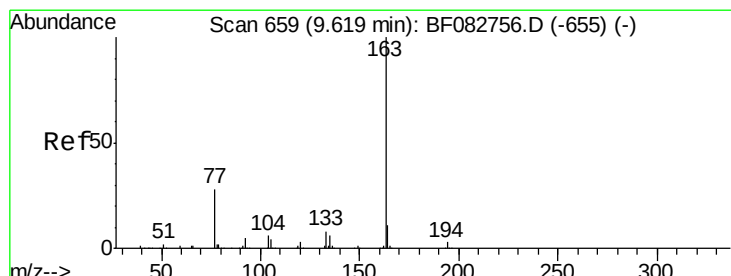
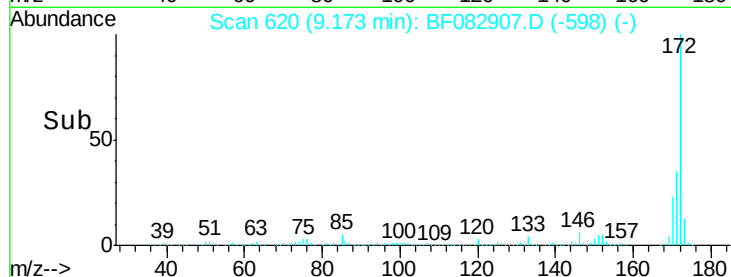
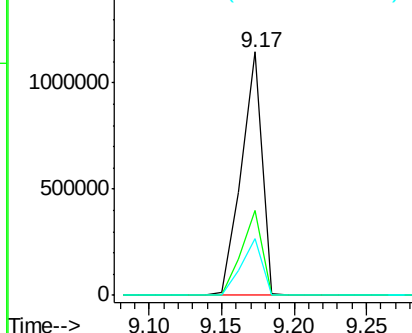
#44
 2-Fluorobiphenyl
 Concen: 34.54 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02

Tgt Ion:172 Resp: 1133243
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.8 46.2
 170 23.4 21.2 31.8

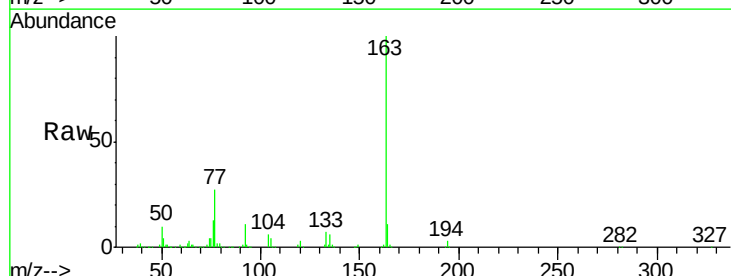


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

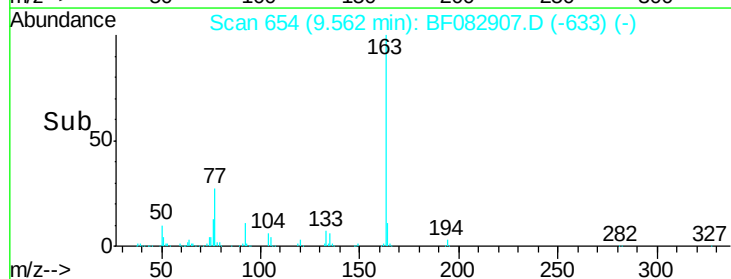
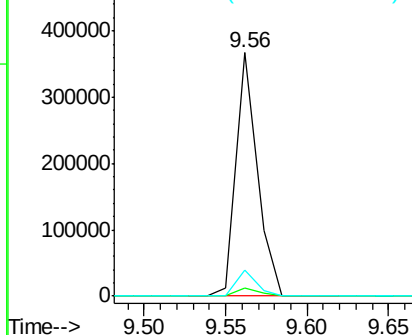


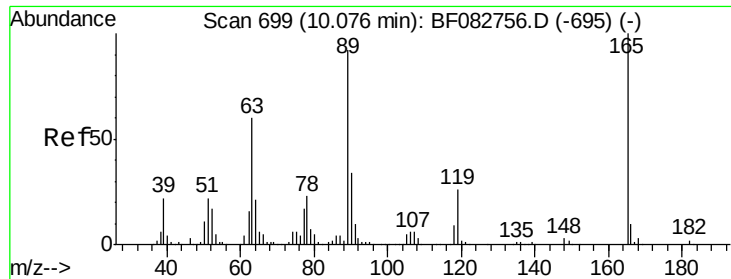
#49
 Dimethylphthalate
 Concen: 8.54 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Tgt Ion:163 Resp: 329110
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.9 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

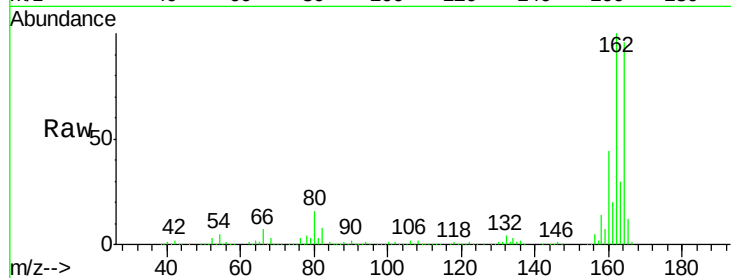




#56
 2,4-Dinitrotoluene
 Concen: 5.31 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.23 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.1	70.6	106.0#
182	0.0	1.5	2.3#

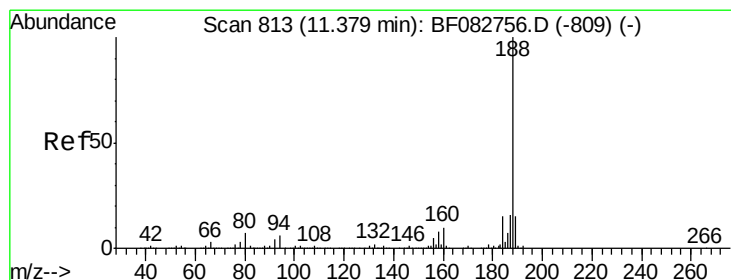
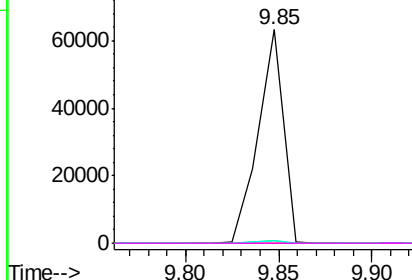
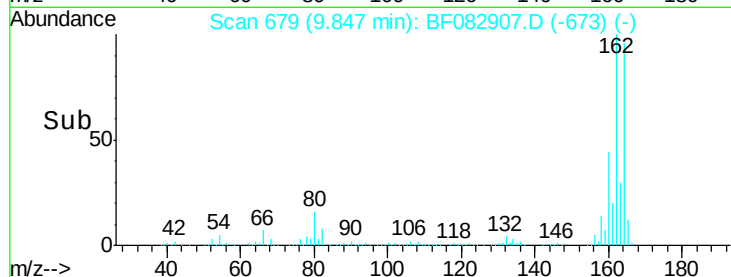


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

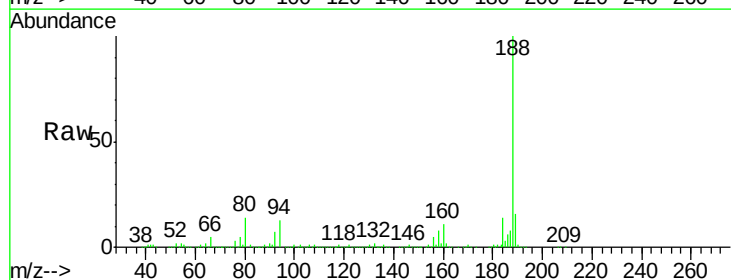
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.06 min
 Lab File: BF082907.D
 Acq: 13 Nov 2015 19:58

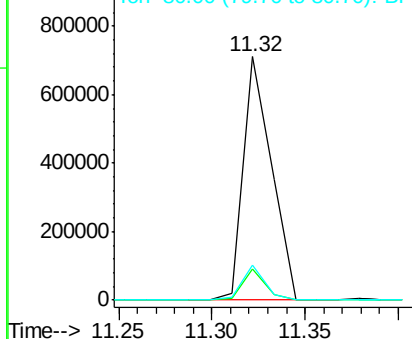
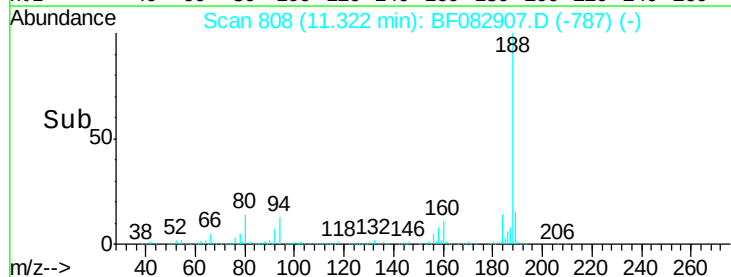
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.9	6.1	9.1#
80	14.5	7.0	10.6#

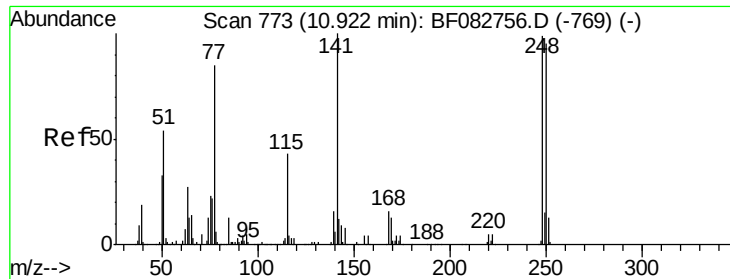


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

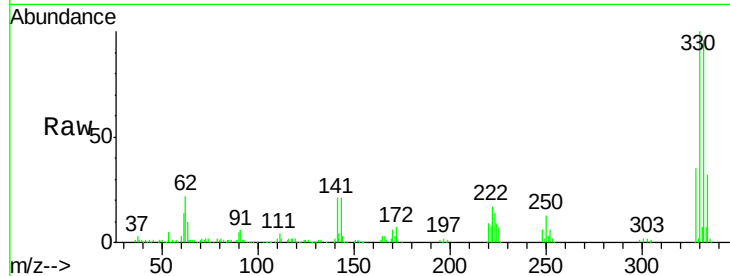




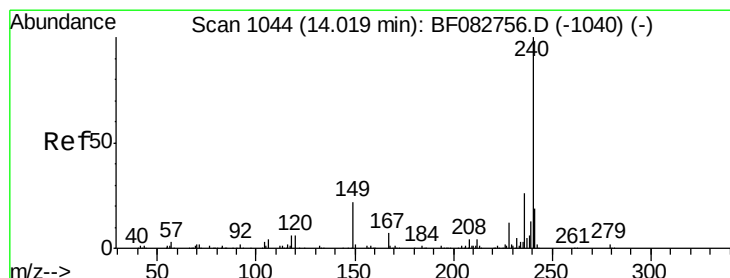
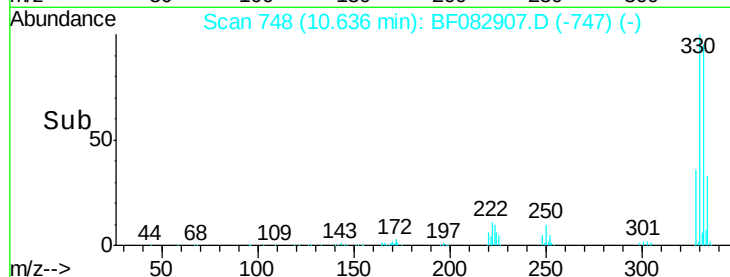
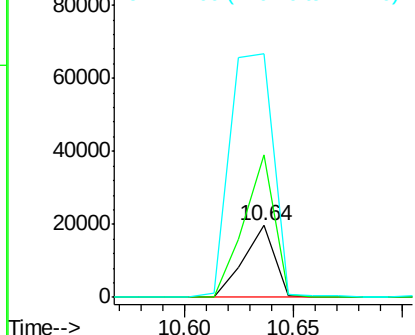
#66
4-Bromophenyl-phenylether
Concen: 2.14 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF082907.D
Acq: 13 Nov 2015 19:58

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02

Tgt Ion:248 Resp: 19282
Ion Ratio Lower Upper
248 100
250 198.9 79.4 119.2#
141 339.7 36.3 54.5#

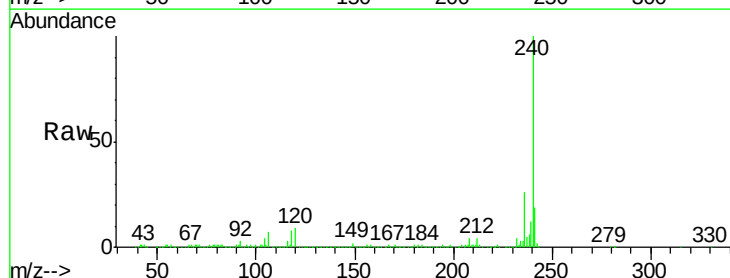


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

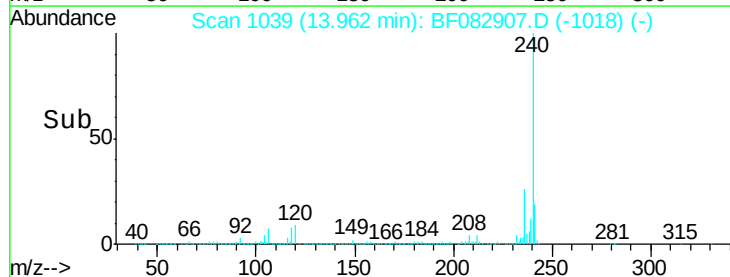
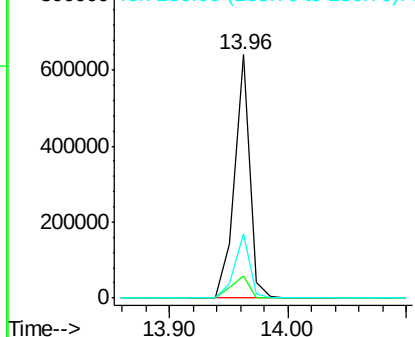


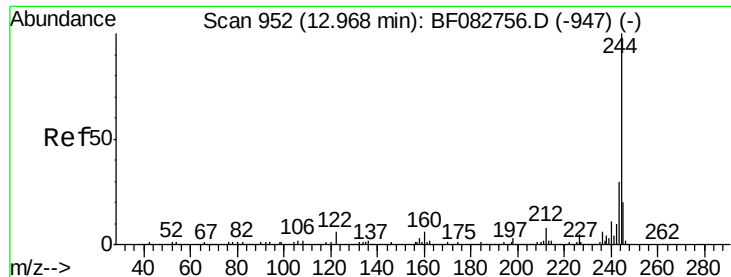
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082907.D
Acq: 13 Nov 2015 19:58

Tgt Ion:240 Resp: 574426
Ion Ratio Lower Upper
240 100
120 9.1 10.9 16.3#
236 26.4 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: 29.49 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02

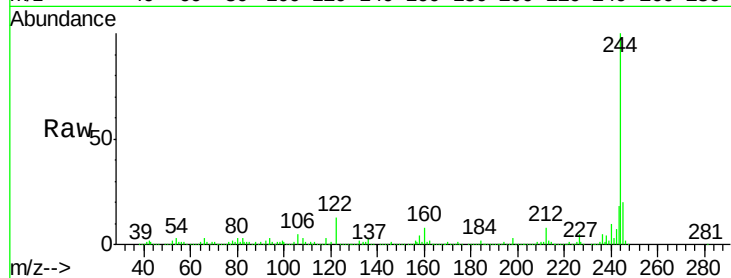
Tgt Ion:244 Resp: 714257

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

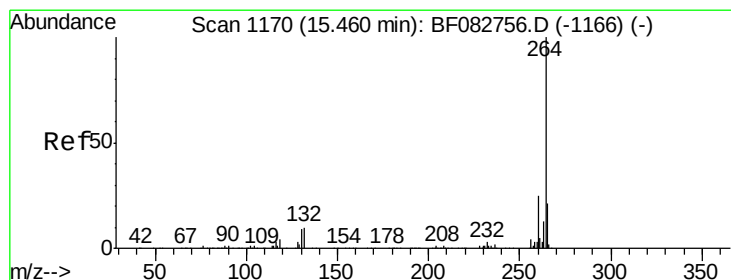
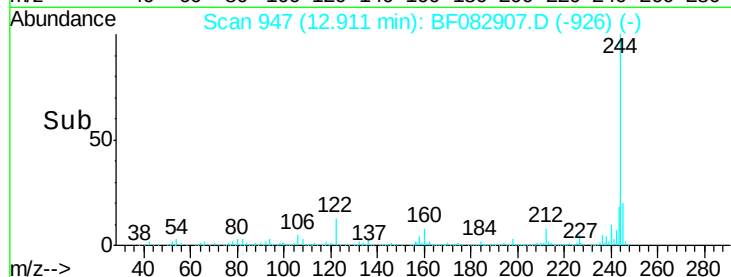
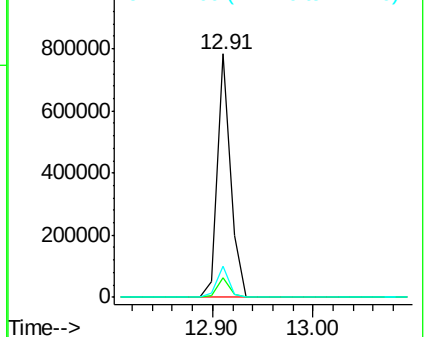
122 12.9 11.3 16.9



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082907.D

Acq: 13 Nov 2015 19:58

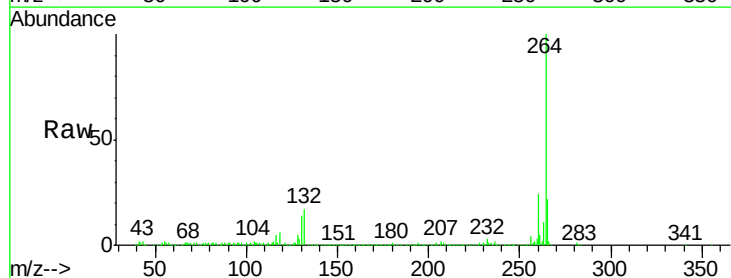
Tgt Ion:264 Resp: 589527

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

