

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082463.D
 Acq On : 22 Oct 2015 23:53
 Operator : UM/IZ
 Sample : G4119-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Quant Time: Oct 23 01:45:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

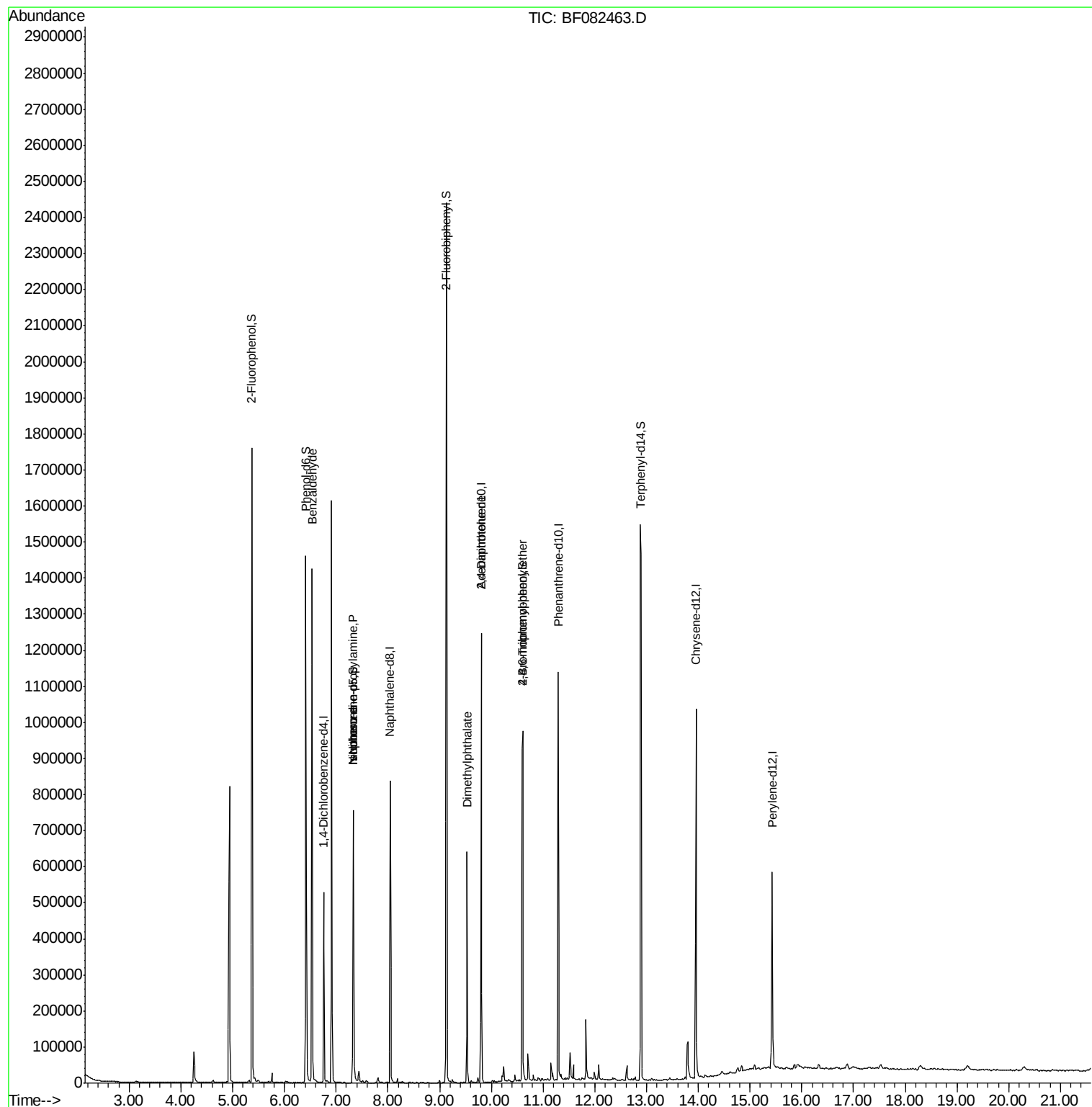
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	112157	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	447026	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	253362	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	475012	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	409234	20.00	ng	-0.05
86) Perylene-d12	15.43	264	294273	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	494158	88.92	ng	0.01
7) Phenol-d6	6.41	99	587130	81.19	ng	-0.01
23) Nitrobenzene-d5	7.33	82	377644	56.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	170402	71.72	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	821384	53.76	ng	-0.01
78) Terphenyl-d14	12.89	244	751584	48.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	11827	3.20	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.33	70	49558	9.76	ng	# 81
25) Isophorone	7.33	82	349568	26.02	ng	# 66
49) Dimethylphthalate	9.53	163	268128	15.03	ng	99
56) 2,4-Dinitrotoluene	9.81	165	32729	6.96	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	12928	2.72	ng	# 1

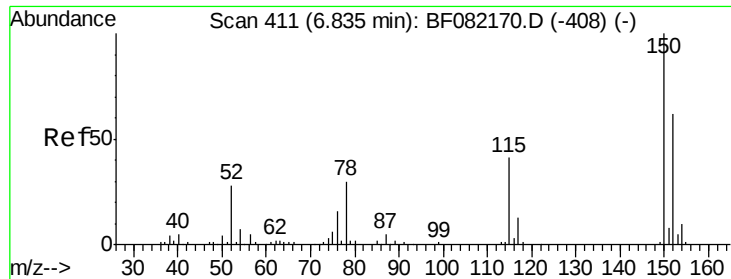
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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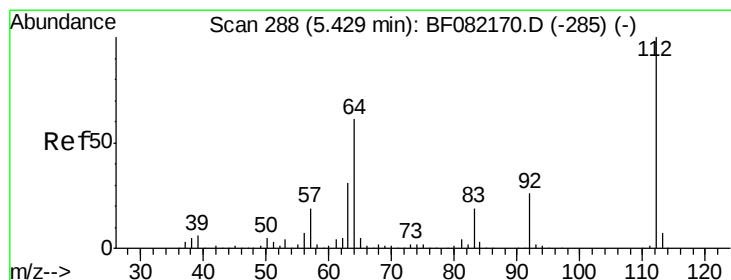
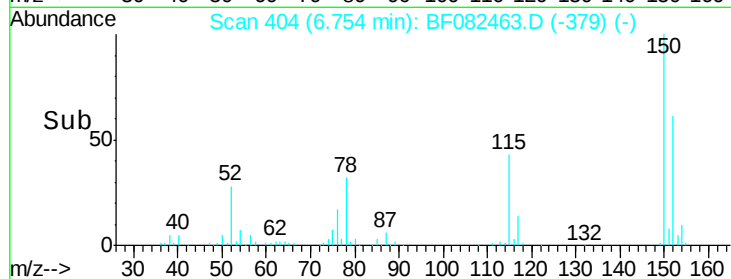
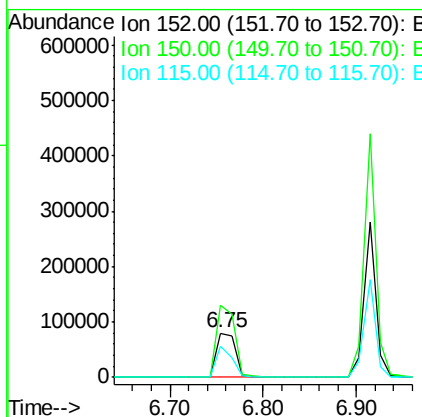
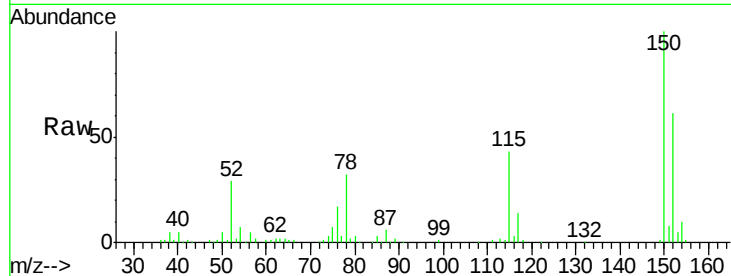




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

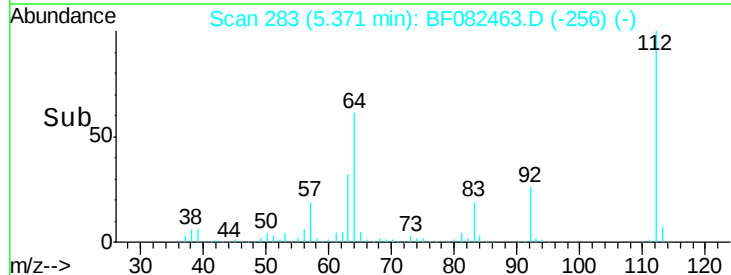
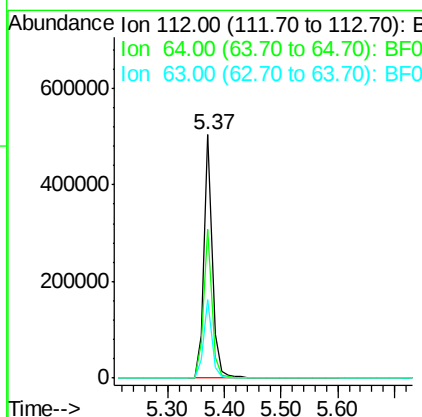
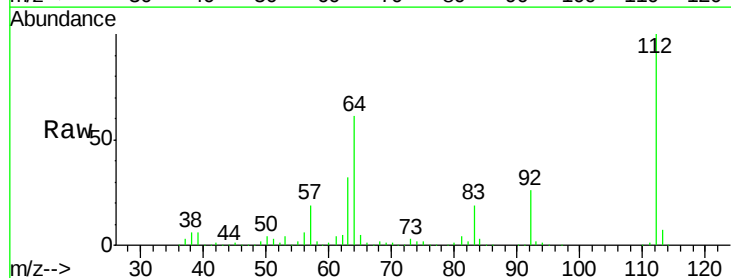
Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Tgt Ion:152 Resp: 112157
 Ion Ratio Lower Upper
 152 100
 150 163.4 129.0 193.4
 115 70.2 52.1 78.1



#5
 2-Fluorophenol
 Concen: 88.92 ng
 RT: 5.37 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Tgt Ion:112 Resp: 494158
 Ion Ratio Lower Upper
 112 100
 64 61.1 48.6 73.0
 63 32.1 25.1 37.7





#7

Phenol-d6

Concen: 81.19 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082463.D

Acq: 22 Oct 2015 23:53

Instrument :

BNA_F

ClientSampleId :

DUP-101915-2

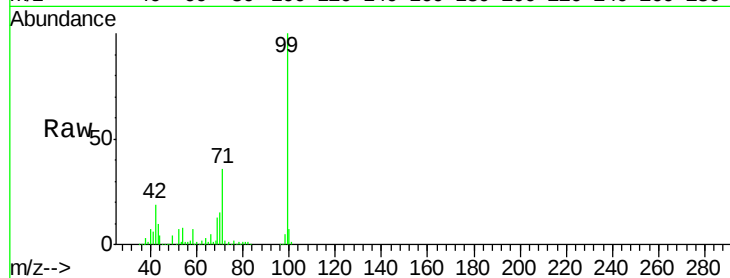
Tgt Ion: 99 Resp: 587130

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

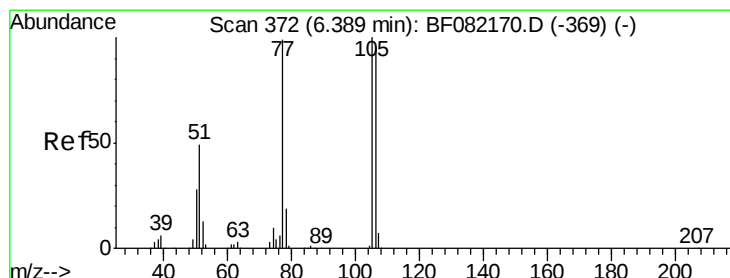
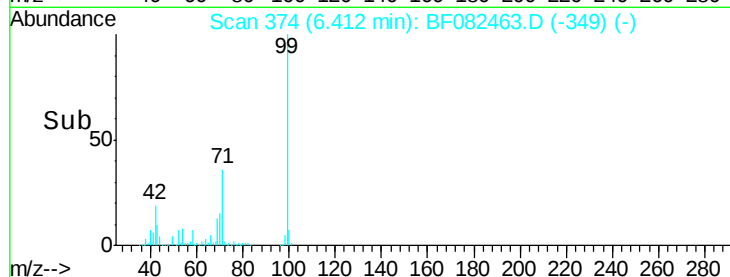
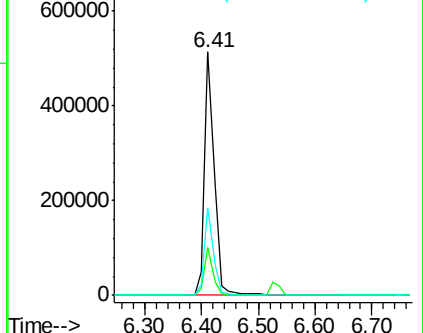
71 35.8 25.6 38.4



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: 3.20 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.23 min

Lab File: BF082463.D

Acq: 22 Oct 2015 23:53

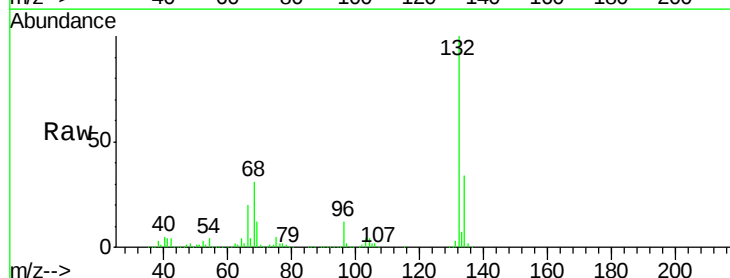
Tgt Ion: 77 Resp: 11827

Ion Ratio Lower Upper

77 100

105 88.6 80.6 120.6

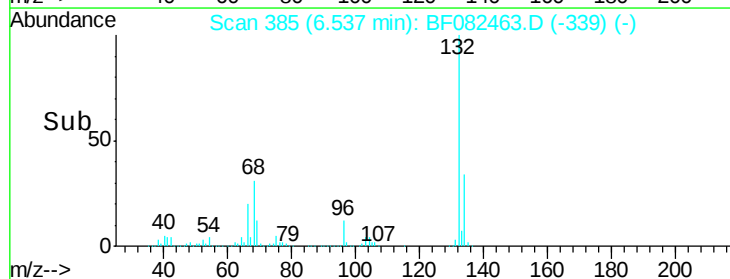
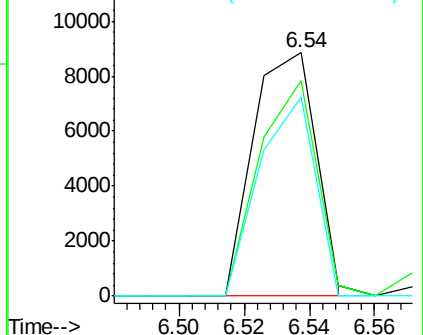
106 81.6 75.5 115.5

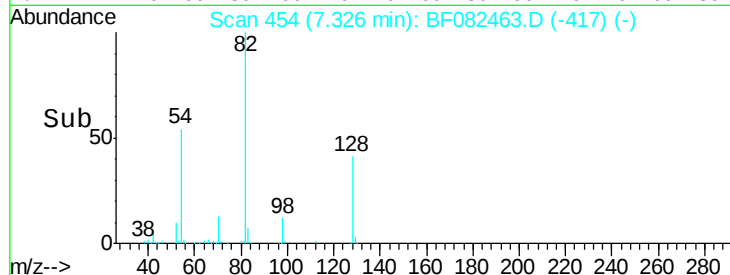
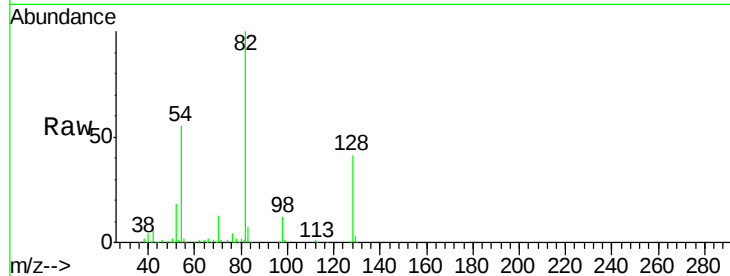


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

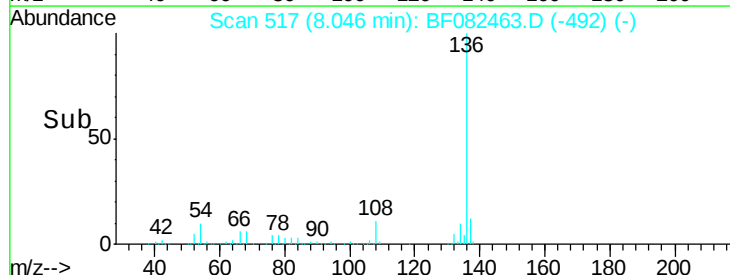
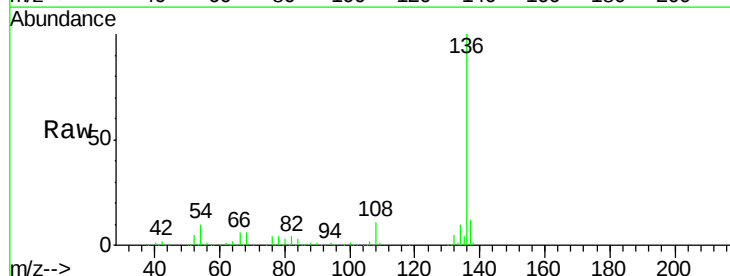
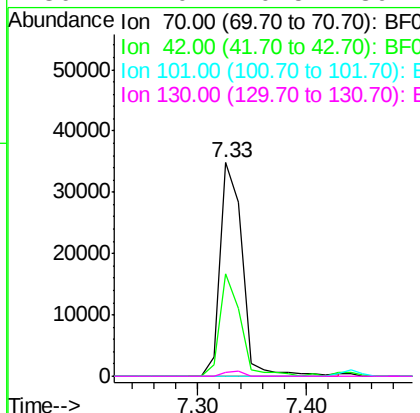




#19
n-Nitroso-di-n-propylamine
Concen: 9.76 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF082463.D
Acq: 22 Oct 2015 23:53

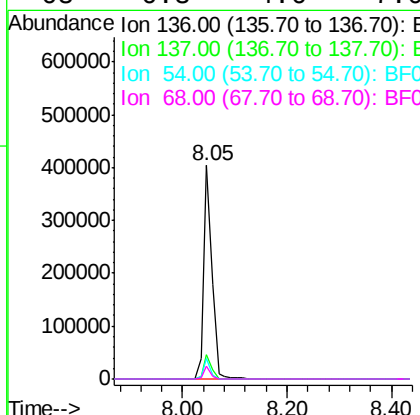
Instrument :
BNA_F
ClientSampleId :
DUP-101915-2

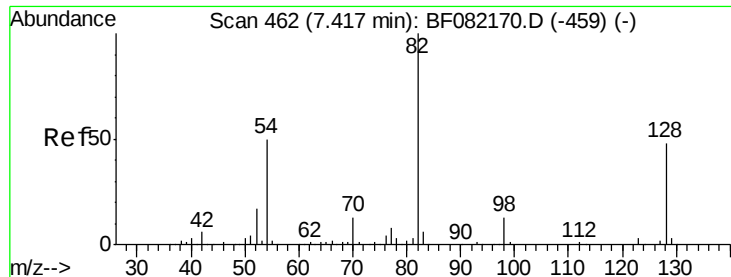
Tgt Ion: 70 Resp: 49558
Ion Ratio Lower Upper
70 100
42 47.9 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF082463.D
Acq: 22 Oct 2015 23:53

Tgt Ion: 136 Resp: 447026
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.6 7.5 11.3
68 6.3 4.6 7.0

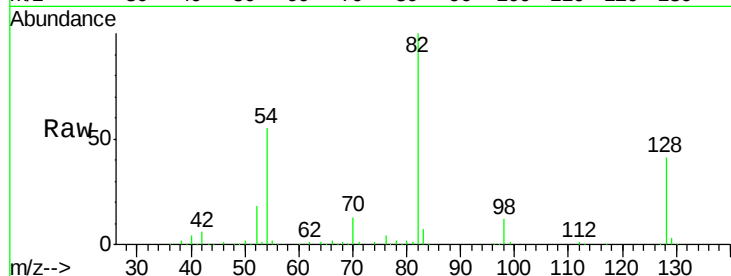




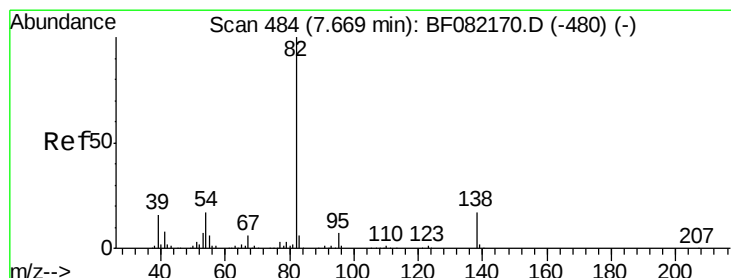
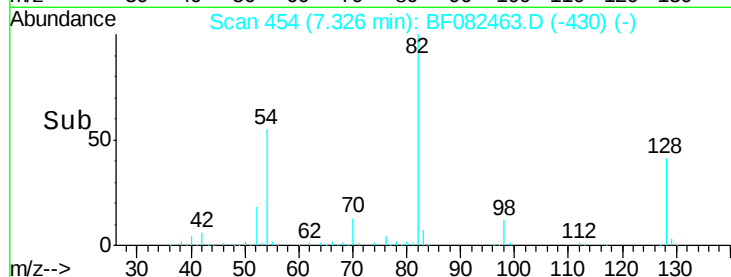
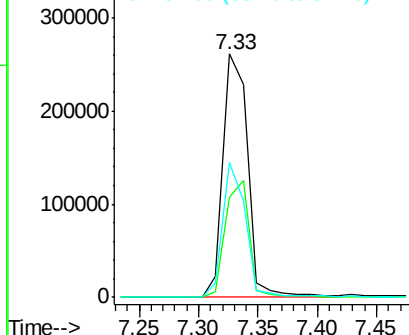
#23
 Nitrobenzene-d5
 Concen: 56.73 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Tgt Ion: 82 Resp: 377644
 Ion Ratio Lower Upper
 82 100
 128 41.1 38.7 58.1
 54 55.4 40.1 60.1

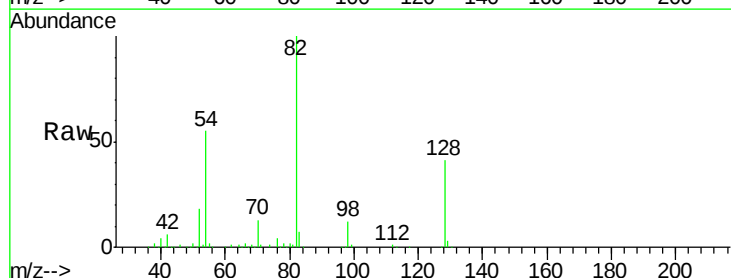


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

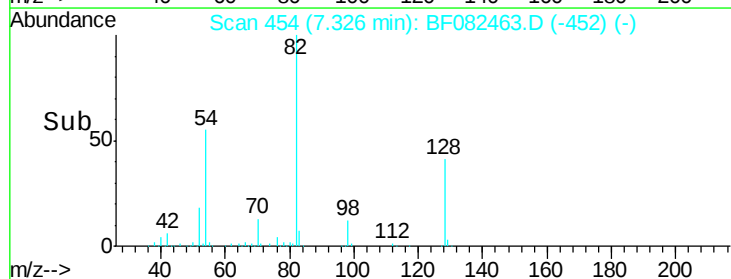
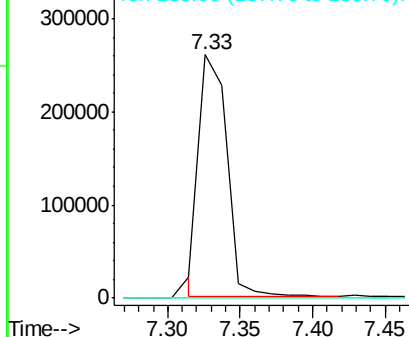


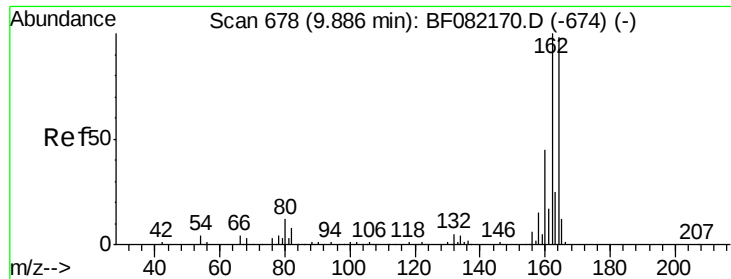
#25
 Isophorone
 Concen: 26.02 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Tgt Ion: 82 Resp: 349568
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#



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: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082463.D

Acq: 22 Oct 2015 23:53

Instrument :

BNA_F

ClientSampleId :

DUP-101915-2

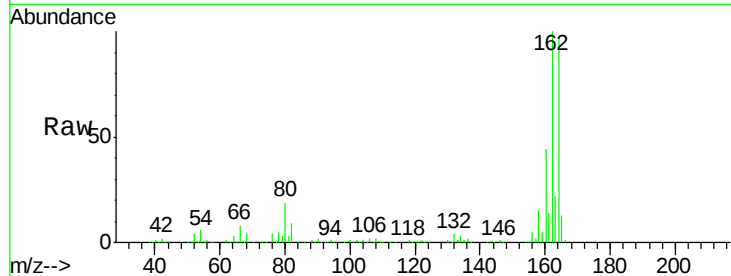
Tgt Ion:164 Resp: 253362

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

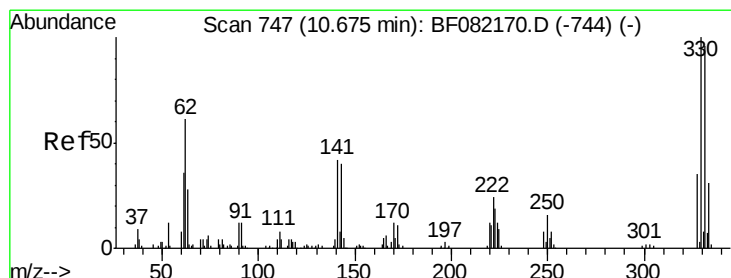
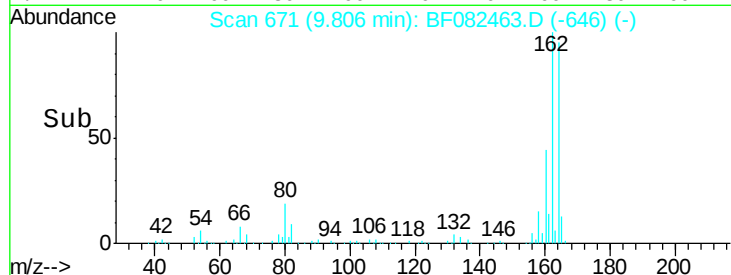
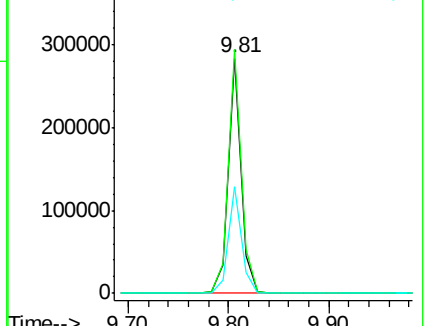
160 45.2 36.4 54.6



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: 71.72 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF082463.D

Acq: 22 Oct 2015 23:53

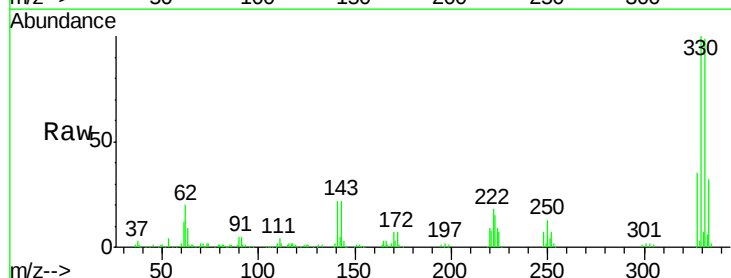
Tgt Ion:330 Resp: 170402

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

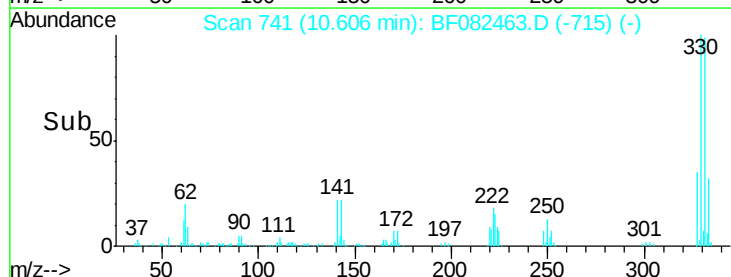
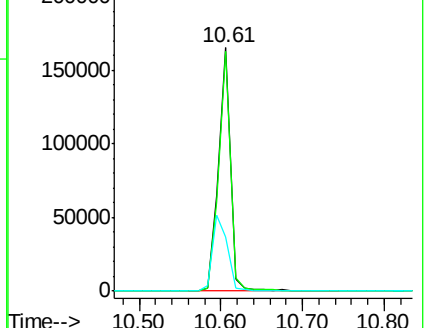
141 38.7 29.8 44.8



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

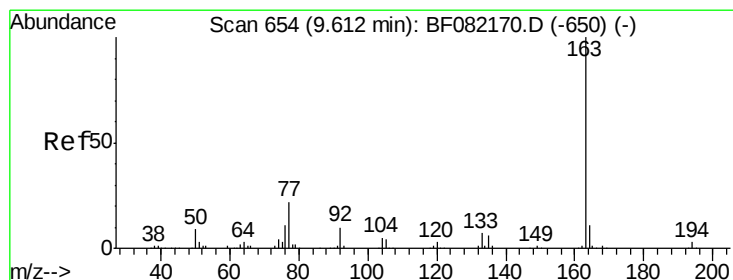
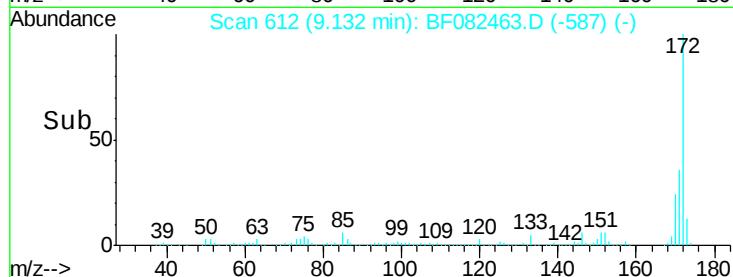
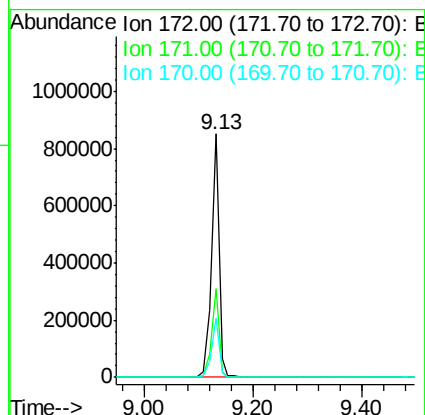
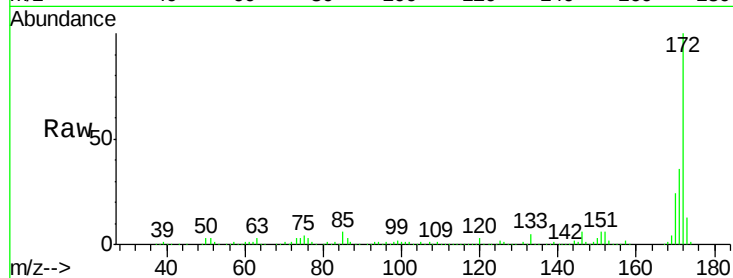




#44
2-Fluorobiphenyl
Concen: 53.76 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082463.D
Acq: 22 Oct 2015 23:53

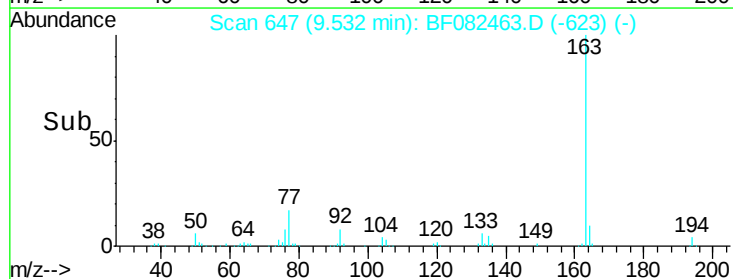
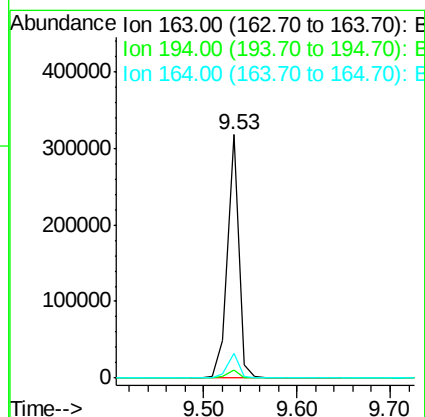
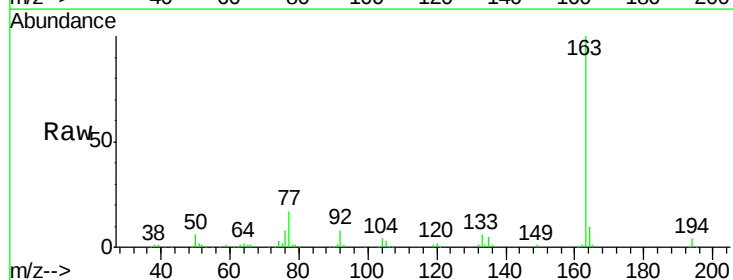
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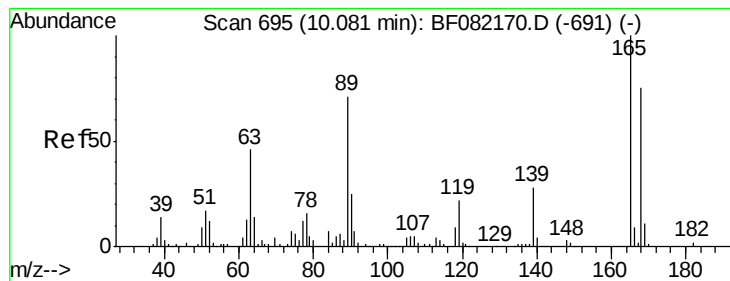
Tgt Ion:172 Resp: 821384
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.5 19.7 29.5



#49
Dimethylphthalate
Concen: 15.03 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082463.D
Acq: 22 Oct 2015 23:53

Tgt Ion:163 Resp: 268128
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.5 12.7

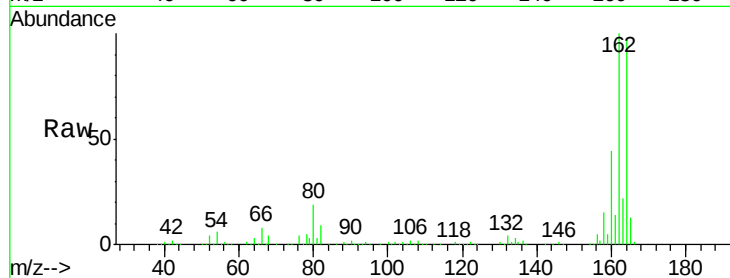




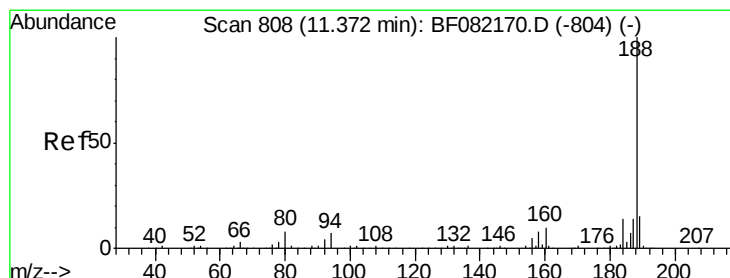
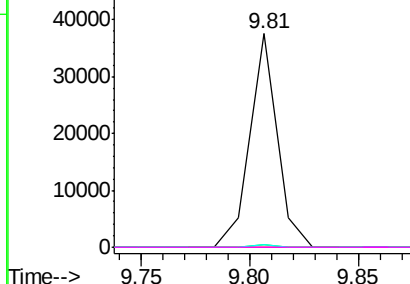
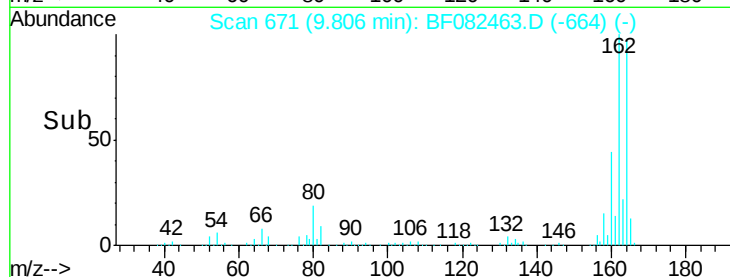
#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.6	58.0#
89	1.3	57.0	85.6#
182	0.0	1.8	2.6#

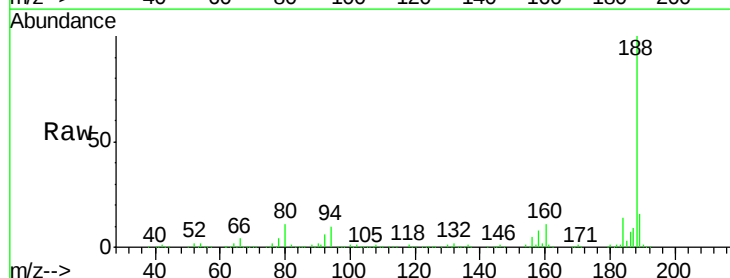


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

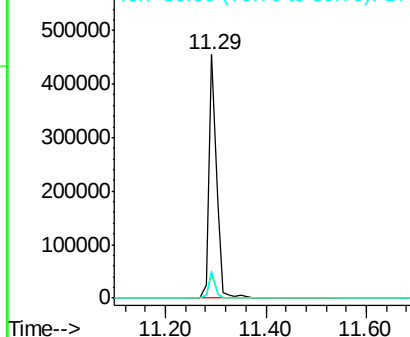
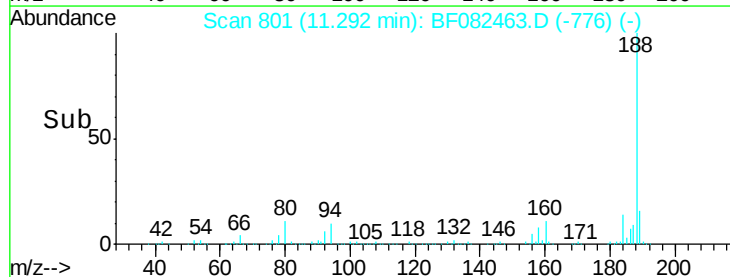


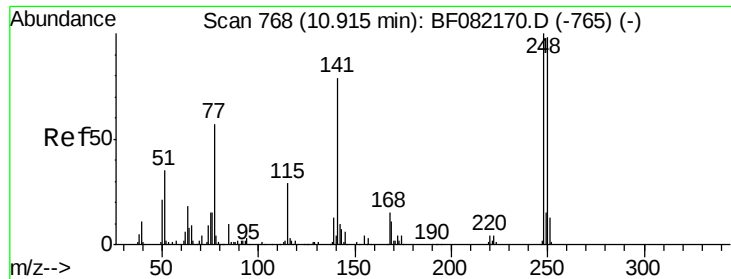
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.6#
80	11.4	6.4	9.6#



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

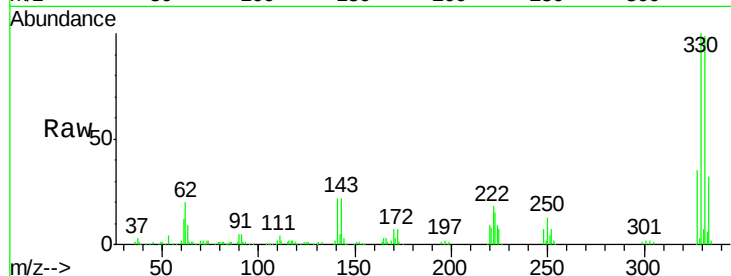




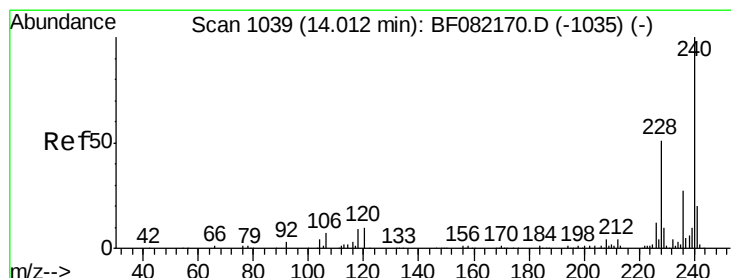
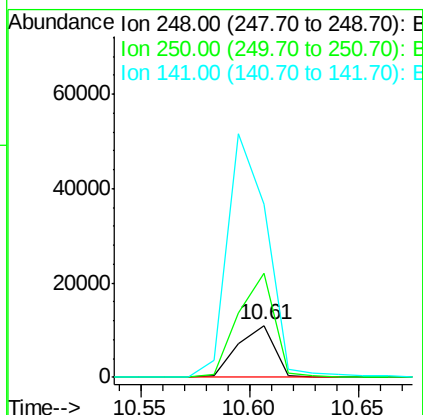
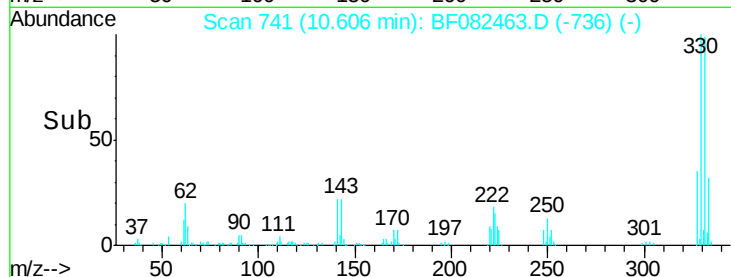
#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.24 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Tgt Ion:248 Resp: 12928
 Ion Ratio Lower Upper
 248 100
 250 200.1 78.6 117.8#
 141 334.5 63.3 94.9#

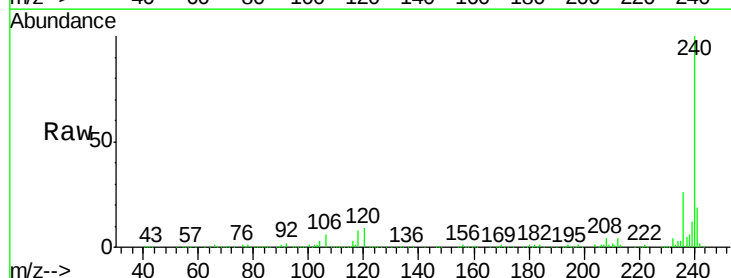


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

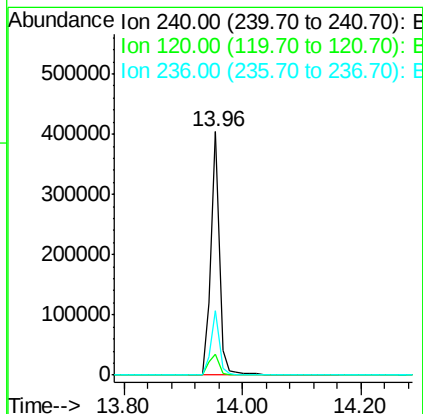
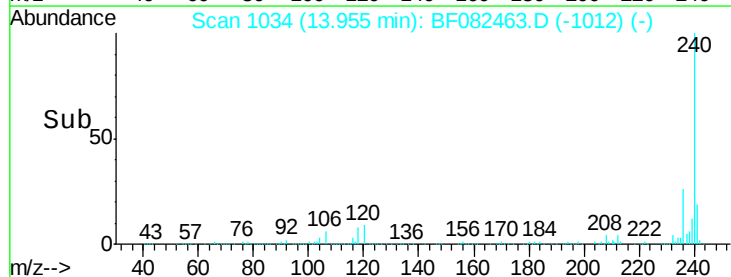


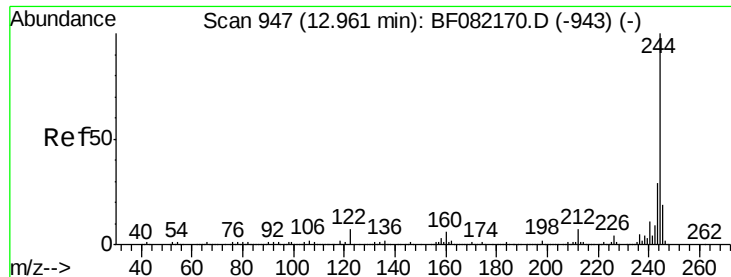
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Tgt Ion:240 Resp: 409234
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.1 12.1
 236 26.3 21.3 31.9



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

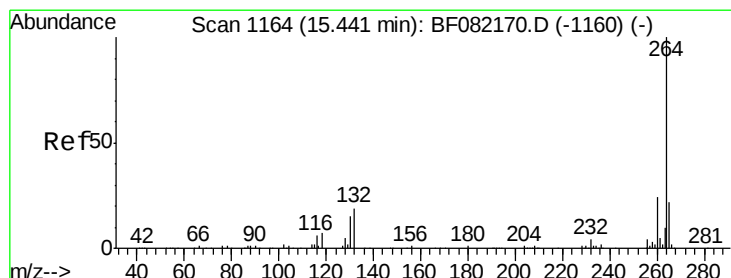
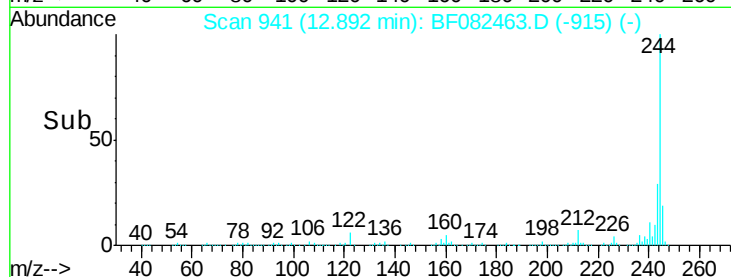
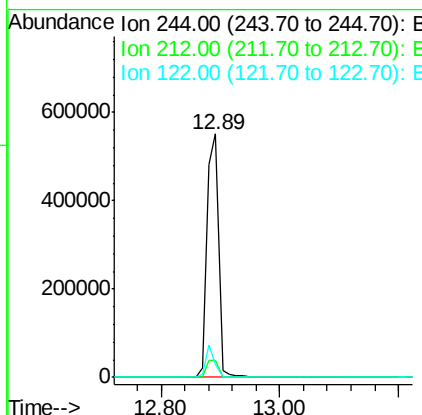
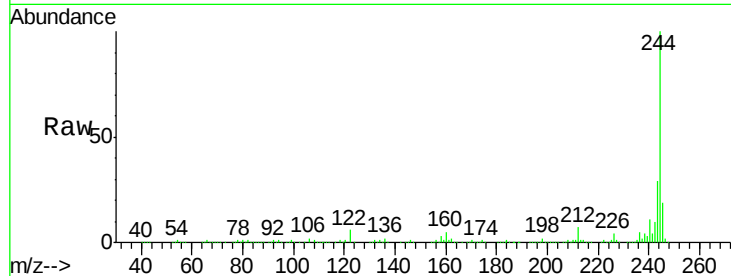




#78
 Terphenyl-d14
 Concen: 48.67 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Instrument :
 BNA_F
 ClientSampleId :
 DUP-101915-2

Tgt Ion: 244 Resp: 751584
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.7 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1163
 Delta R.T. -0.10 min
 Lab File: BF082463.D
 Acq: 22 Oct 2015 23:53

Tgt Ion: 264 Resp: 294273
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.6 17.3 25.9

