

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082444.D
 Acq On : 22 Oct 2015 11:28
 Operator : UM/IZ
 Sample : G4117-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Quant Time: Oct 22 14:08:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

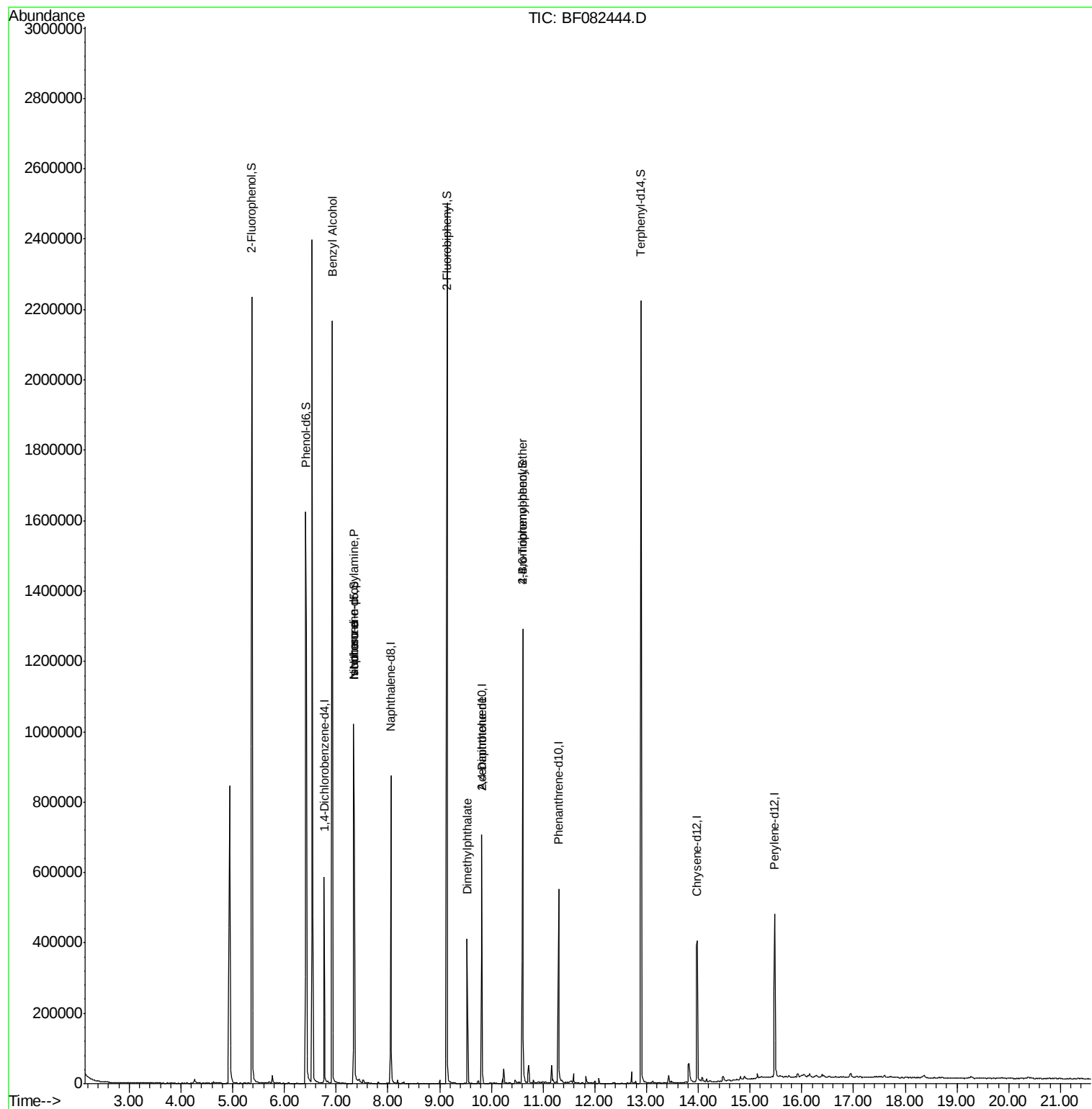
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	99881	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	386318	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	170340	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	268164	20.00	ng	0.00
75) Chrysene-d12	13.98	240	240156	20.00	ng	-0.03
86) Perylene-d12	15.48	264	228816	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	683967	138.20	ng	0.01
7) Phenol-d6	6.41	99	880002	136.64	ng	-0.01
23) Nitrobenzene-d5	7.34	82	486816	84.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	139922	87.59	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1010578	98.39	ng	0.00
78) Terphenyl-d14	12.89	244	704722	77.76	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.93	79	9270	2.09	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	62298	13.77	ng	# 81
25) Isophorone	7.34	82	450435	38.80	ng	# 66
49) Dimethylphthalate	9.53	163	202253	16.86	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	21889	6.92	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	11195	4.17	ng	# 1

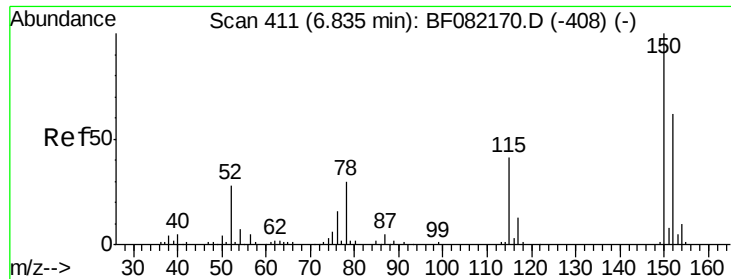
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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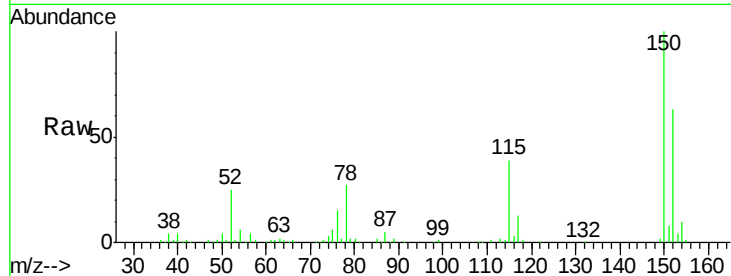


#1

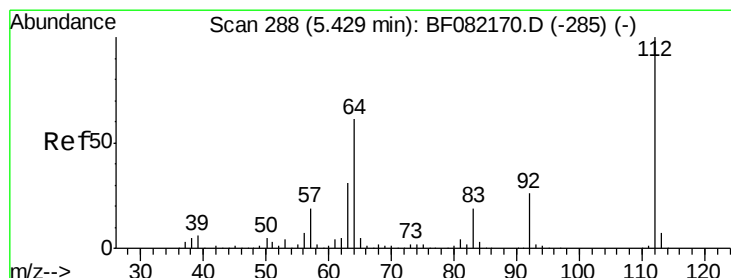
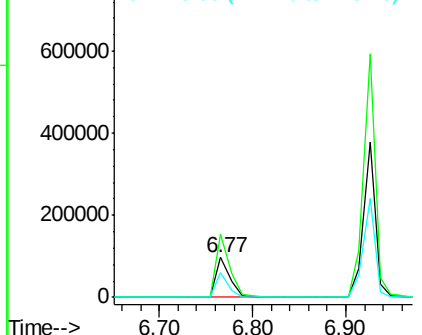
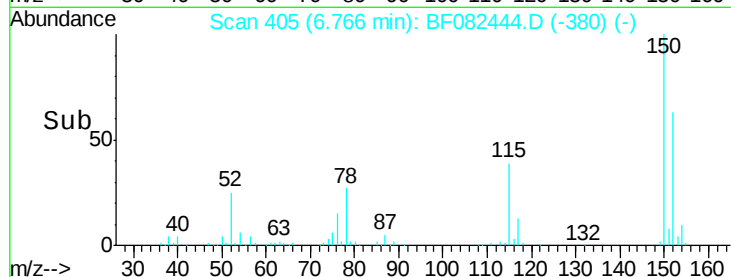
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tot Ion:152 Resp: 99881
Ion Ratio Lower Upper
152 100
150 158.9 129.0 193.4
115 62.7 52.1 78.1



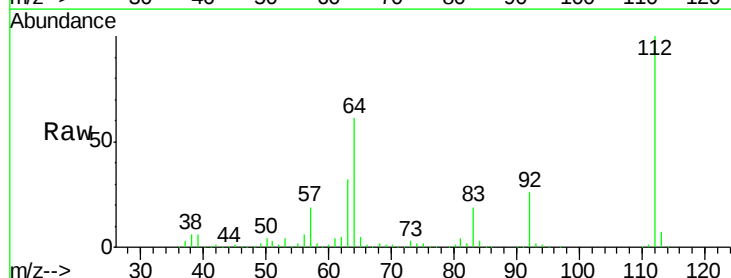
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



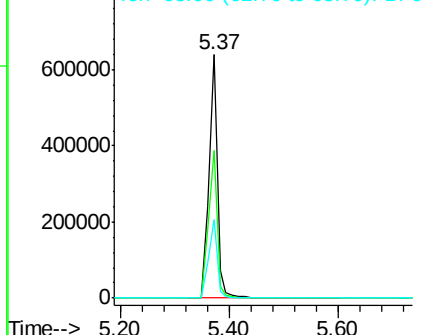
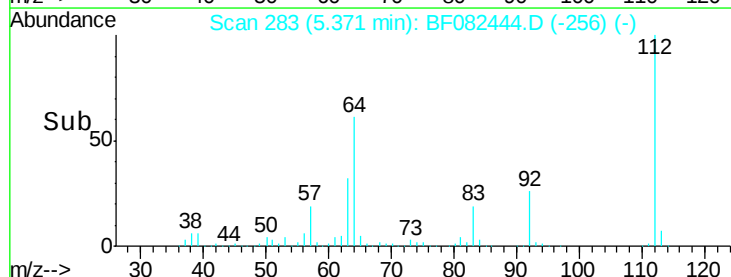
#5

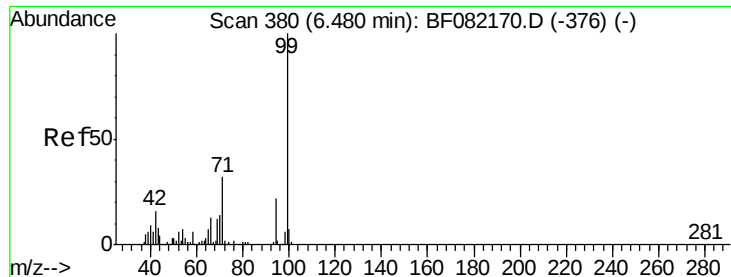
2-Fluorophenol
Concen: 138.20 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion:112 Resp: 683967
Ion Ratio Lower Upper
112 100
64 60.9 48.6 73.0
63 32.2 25.1 37.7



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: 136.64 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

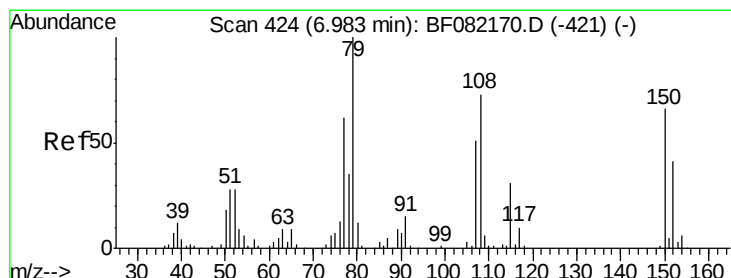
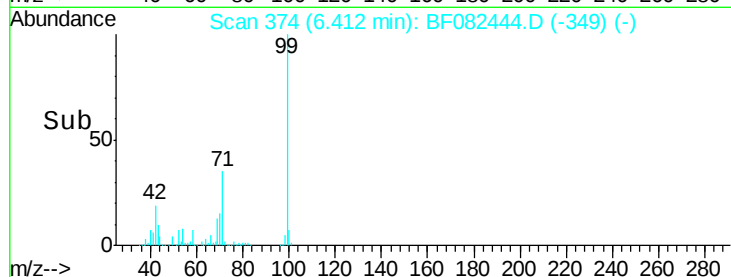
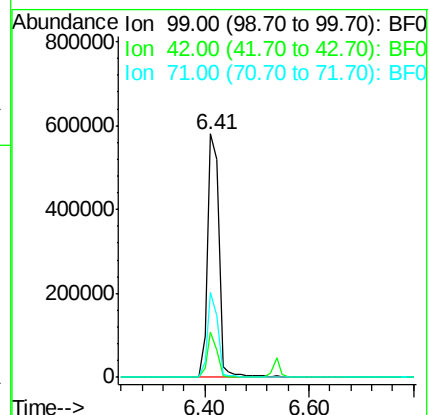
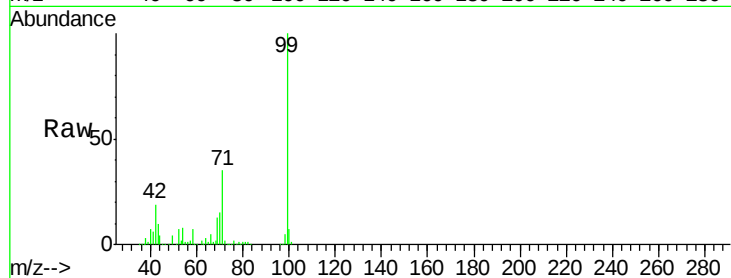
Tot Ion: 99 Resp: 880002

Ion Ratio Lower Upper

99 100

42 18.8 13.2 19.8

71 35.1 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

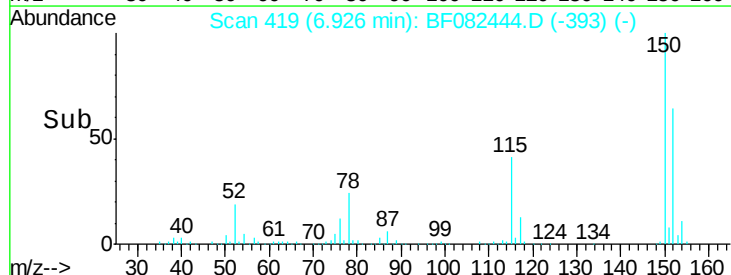
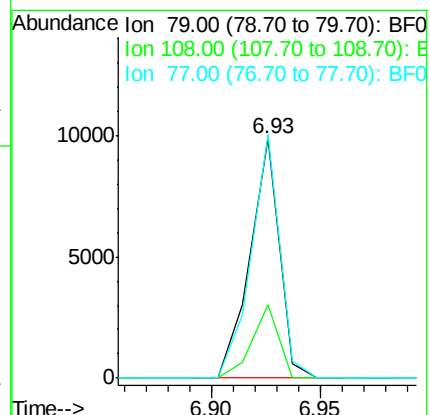
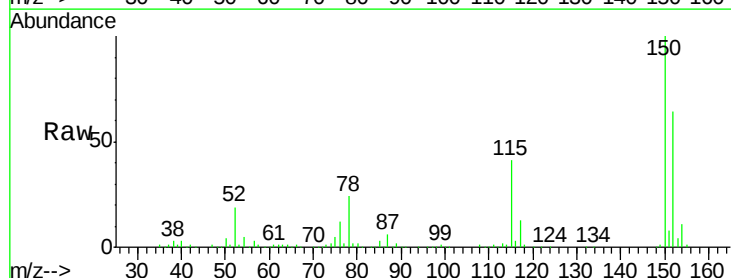
Tgt Ion: 79 Resp: 9270

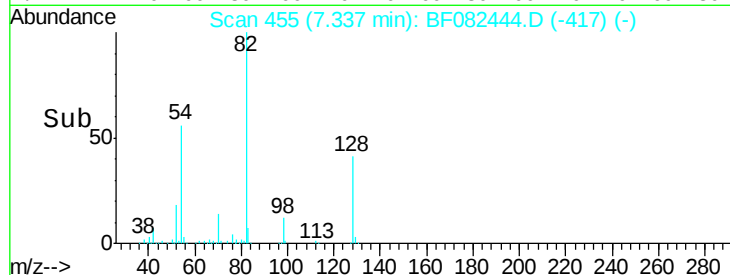
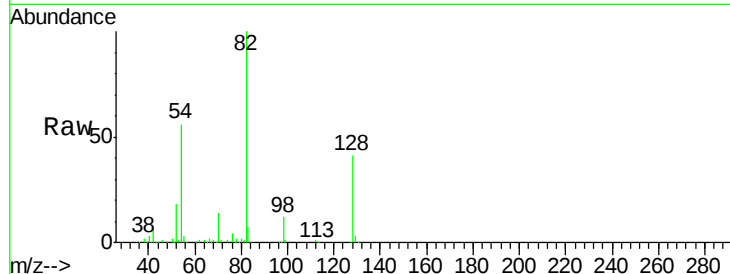
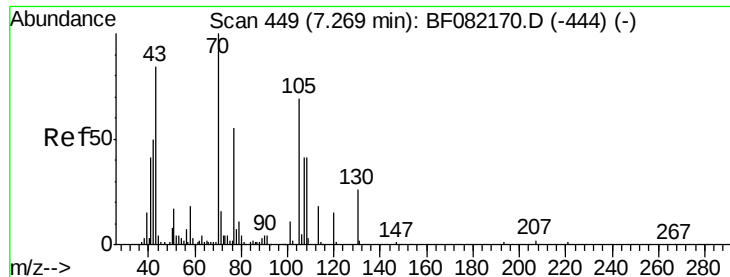
Ion Ratio Lower Upper

79 100

108 30.8 58.4 87.6#

77 101.6 49.8 74.6#

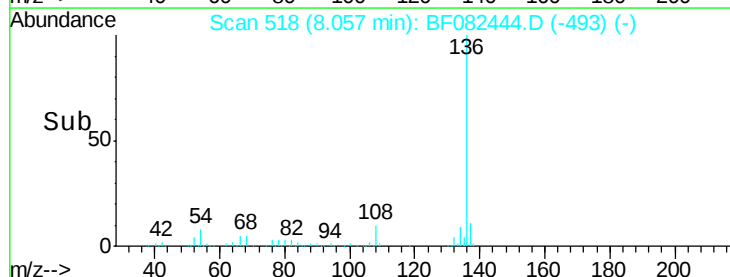
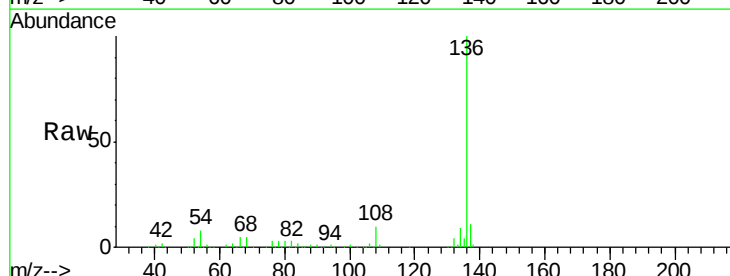
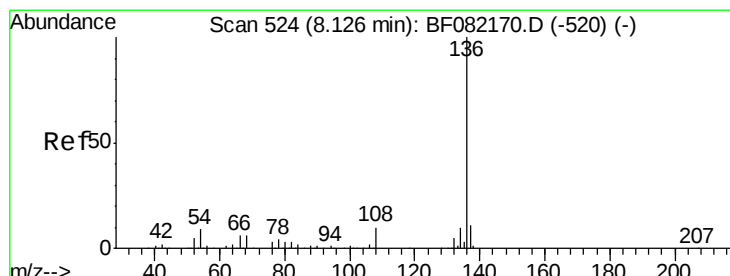
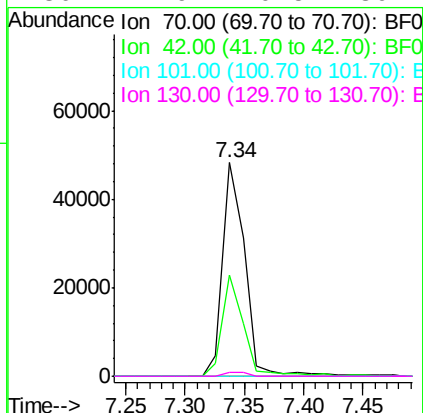




#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

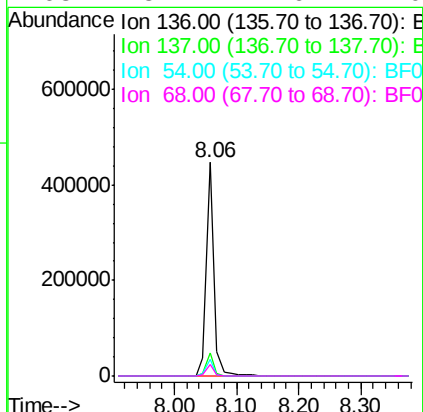
Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

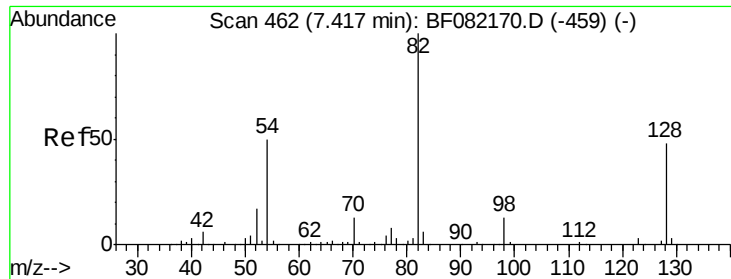
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	39.8	59.8
101	0.0	8.6	13.0#
130	1.9	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.8	7.5	11.3
68	5.2	4.6	7.0

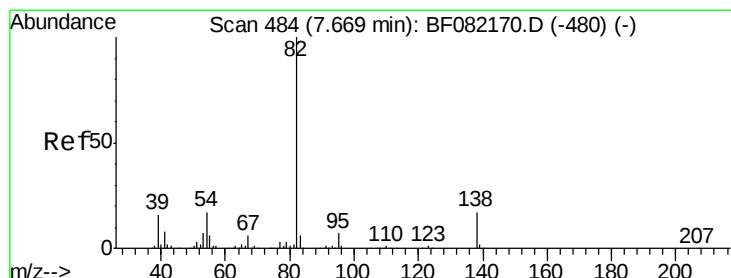
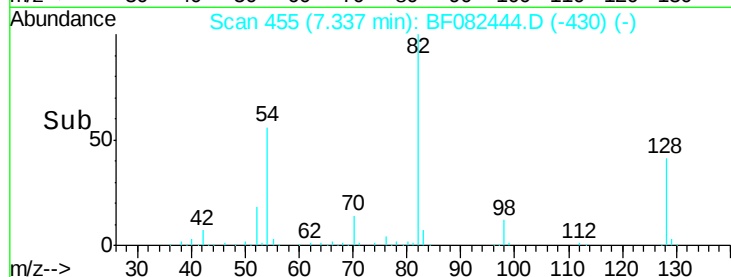
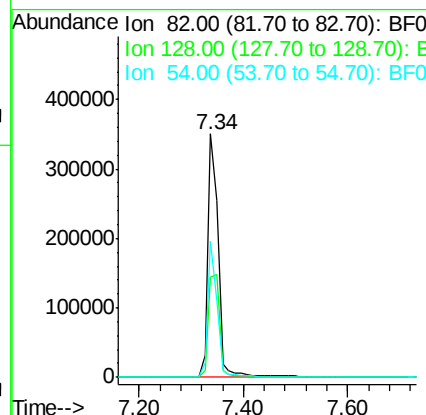
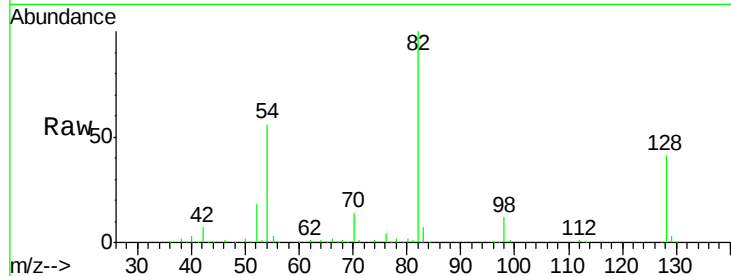




#23
 Nitrobenzene-d5
 Concen: 84.62 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

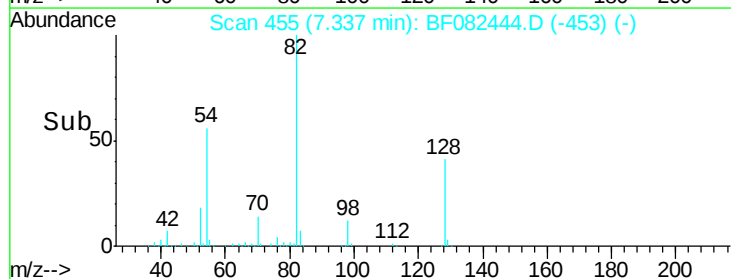
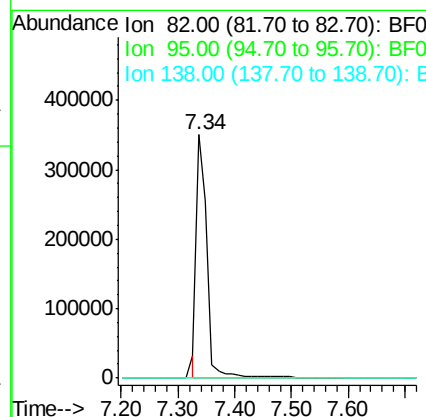
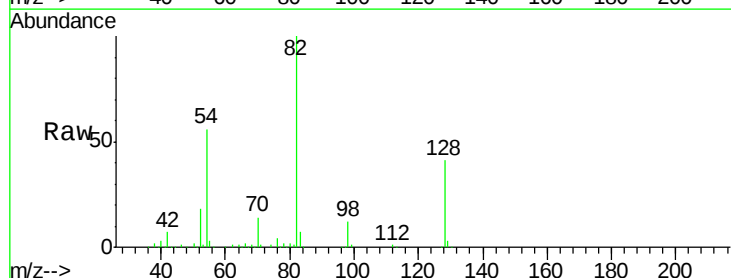
Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

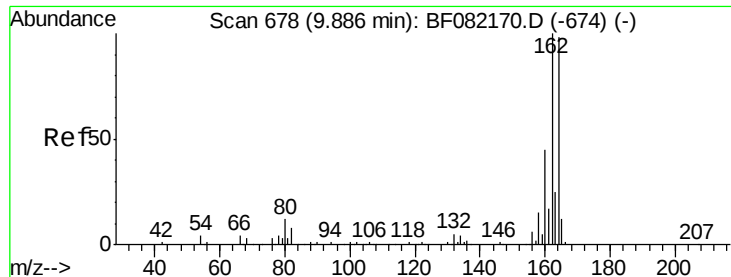
Tot Ion	82	Resp	486816
Ion Ratio	Lower	Upper	
82	100		
128	40.9	38.7	58.1
54	56.1	40.1	60.1



#25
 Isophorone
 Concen: 38.80 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Tgt Ion	82	Resp	450435
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

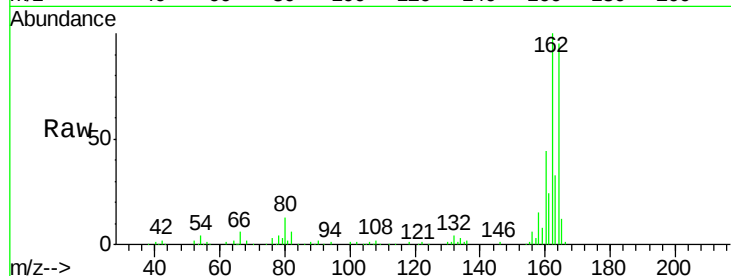




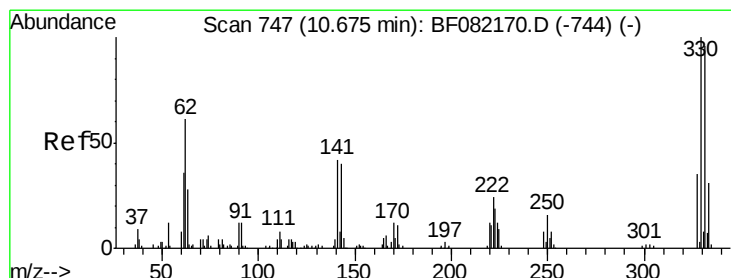
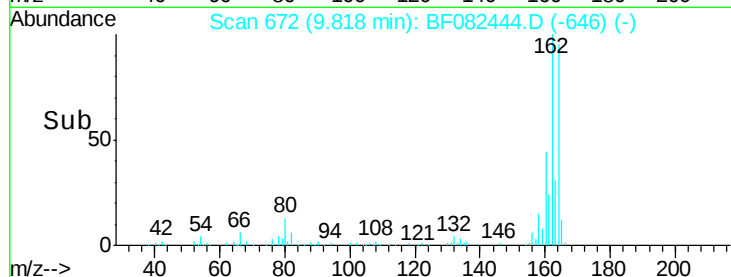
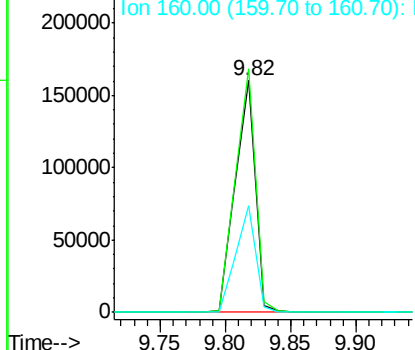
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tot Ion:164 Resp: 170340
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 45.9 36.4 54.6

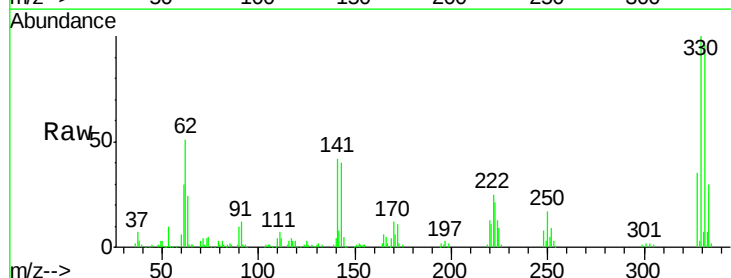


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

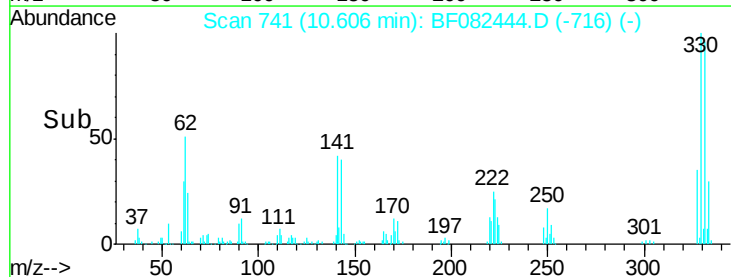
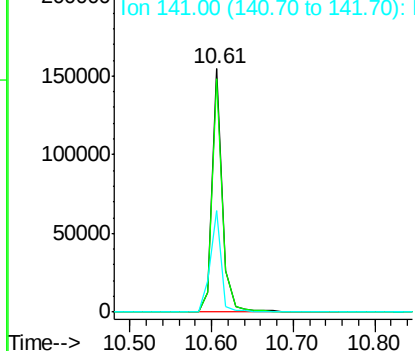


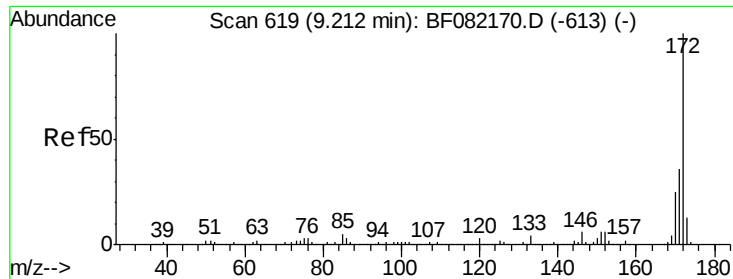
#41
2,4,6-Tribromophenol
Concen: 87.59 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion:330 Resp: 139922
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 45.2 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

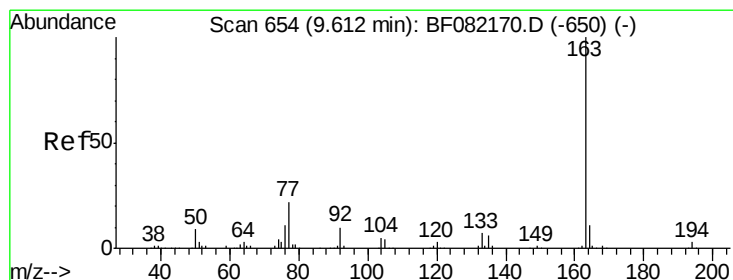
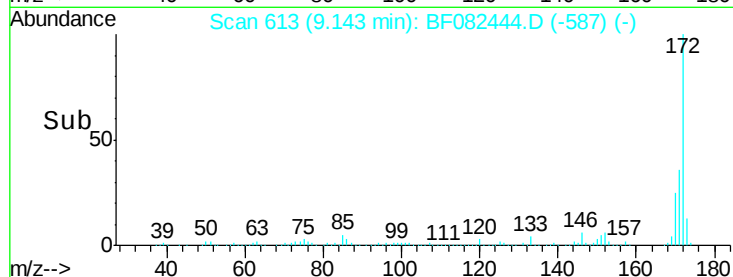
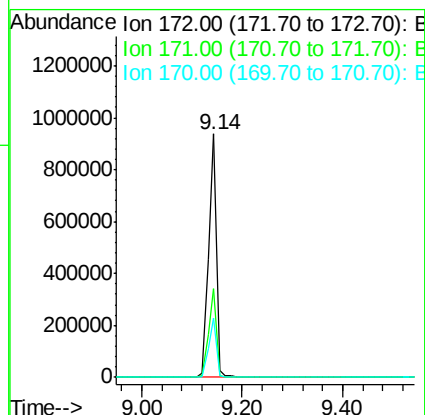
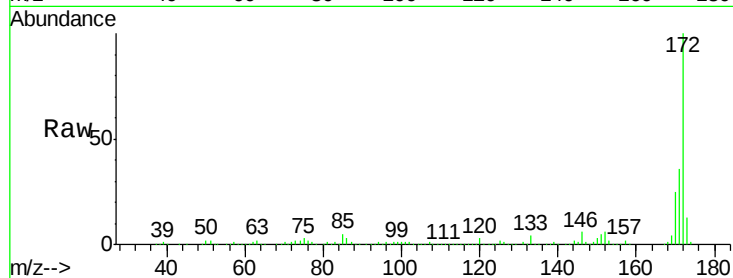




#44
2-Fluorobiphenyl
Concen: 98.39 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

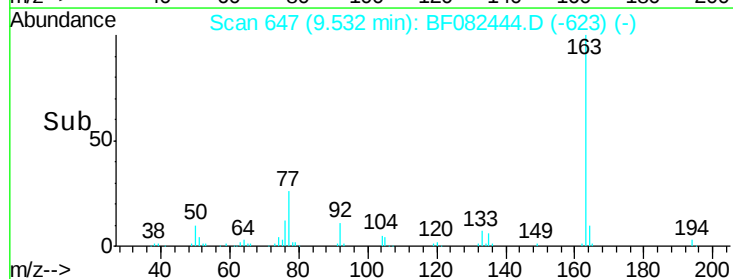
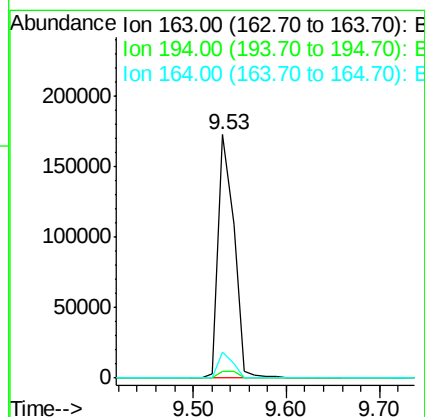
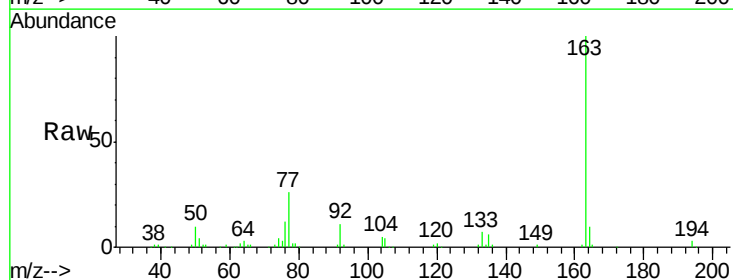
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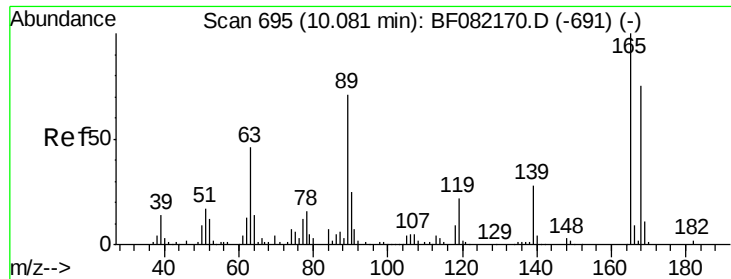
Tot Ion:172 Resp: 1010578
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.6 19.7 29.5



#49
Dimethylphthalate
Concen: 16.86 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion:163 Resp: 202253
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.5 12.7

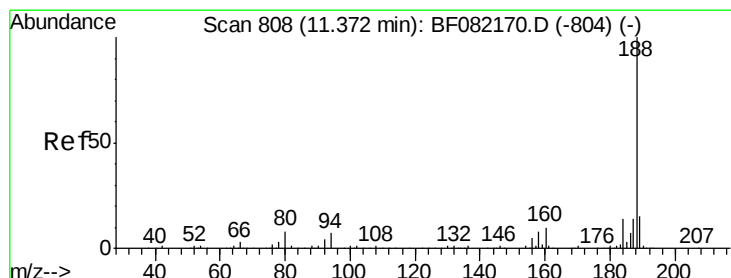
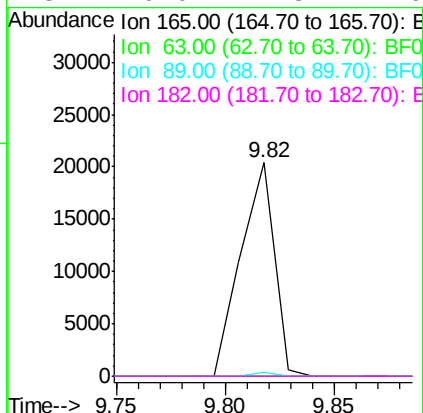
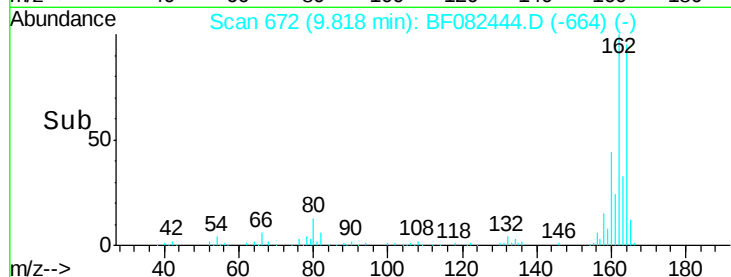
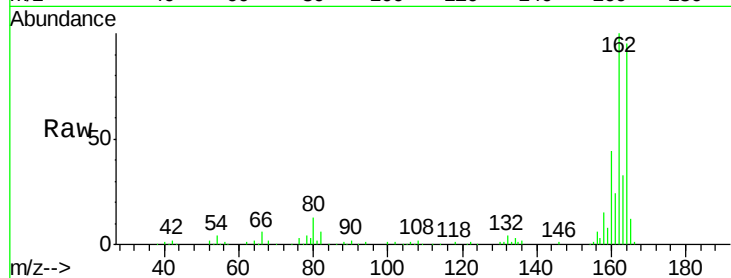




#56
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

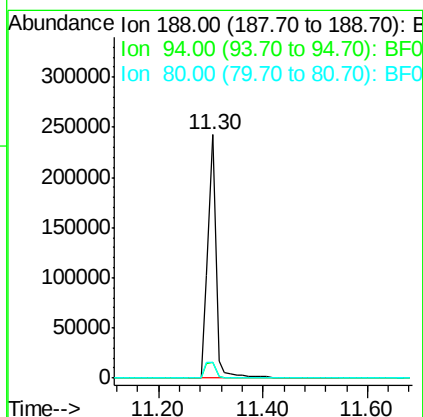
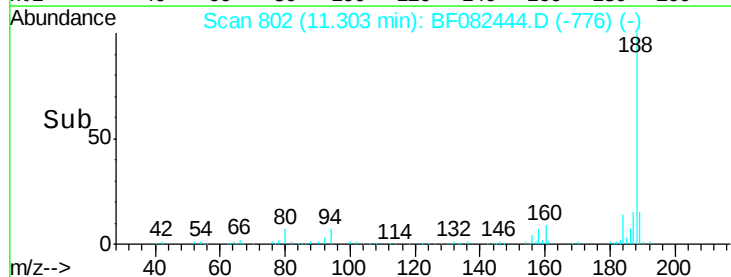
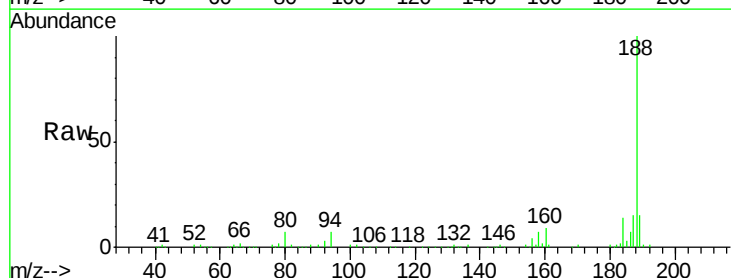
Instrument :
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COFF-04(0-2)

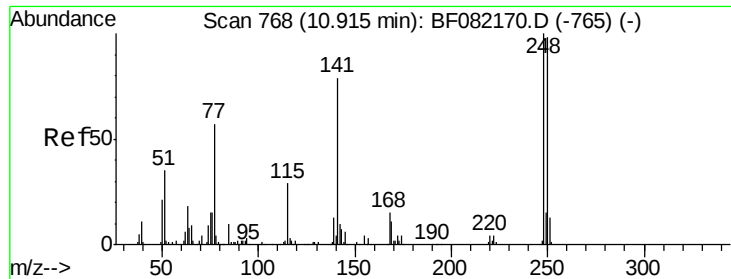
Tot Ion:165 Resp: 21889
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 1.9 57.0 85.6#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion:188 Resp: 268164
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.6
80 6.6 6.4 9.6

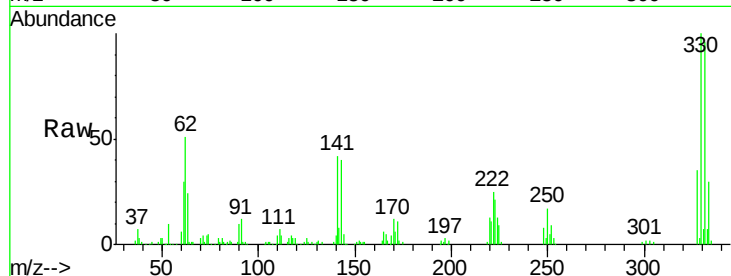




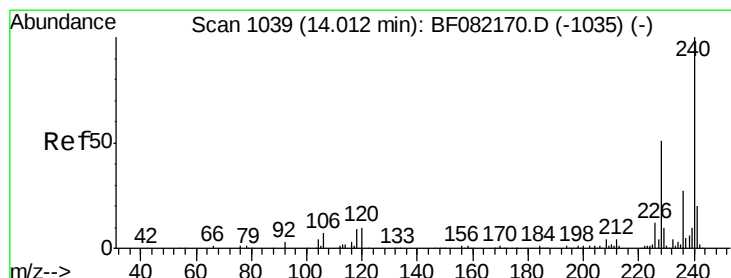
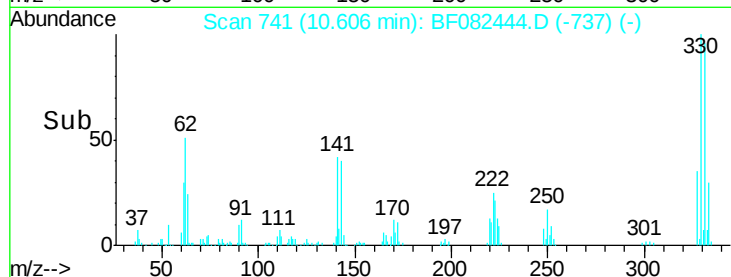
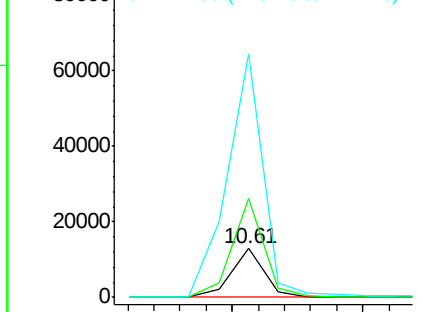
#66
 4-Bromophenyl-phenylether
 Concen: 4.17 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Tot Ion:248 Resp: 11195
 Ion Ratio Lower Upper
 248 100
 250 203.3 78.6 117.8#
 141 497.2 63.3 94.9#

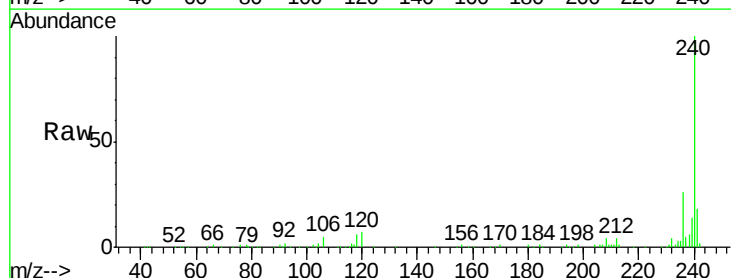


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

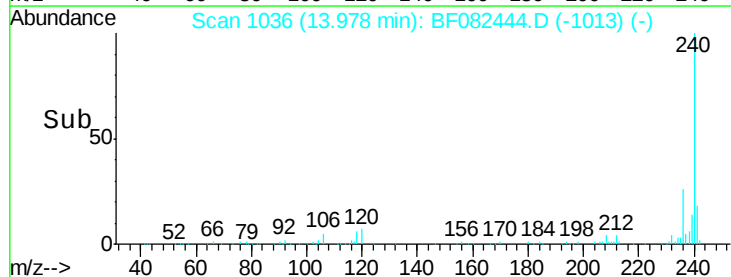
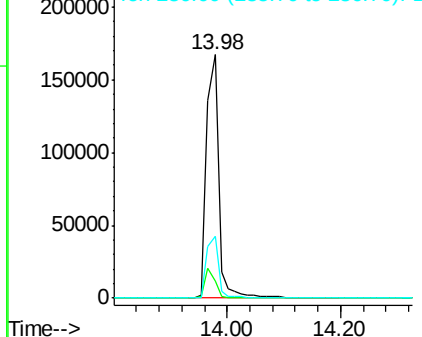


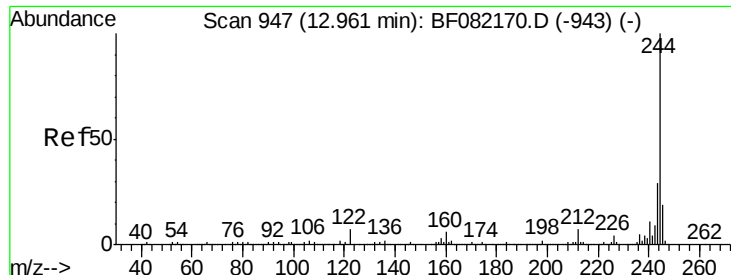
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Tgt Ion:240 Resp: 240156
 Ion Ratio Lower Upper
 240 100
 120 7.0 8.1 12.1#
 236 25.5 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

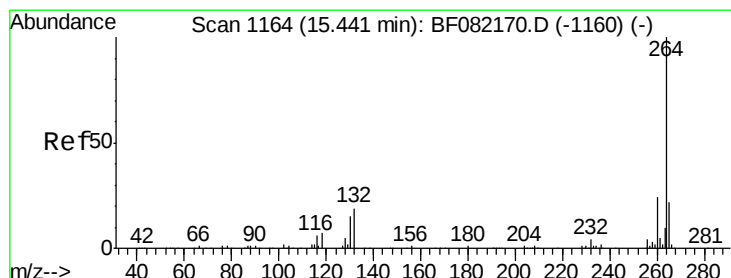
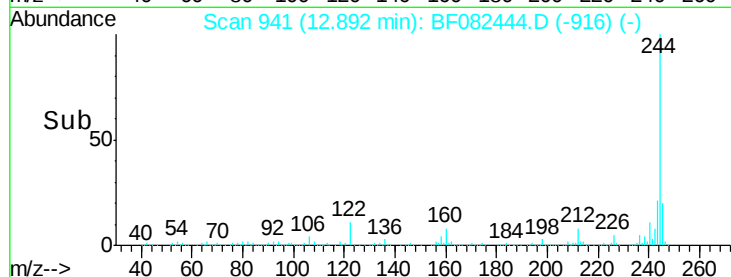
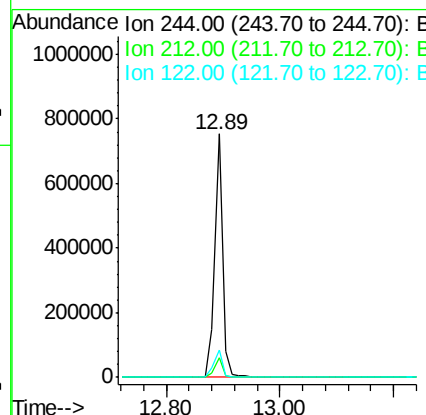
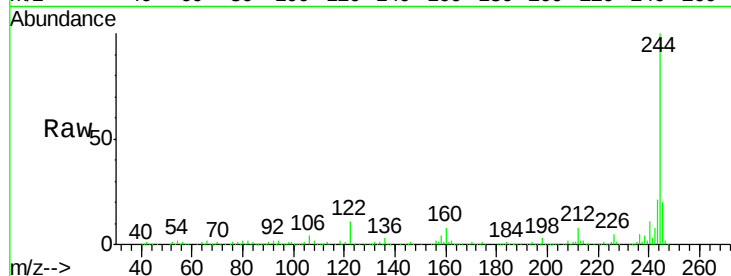




#78
 Terphenyl-d14
 Concen: 77.76 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Tot Ion:244 Resp: 704722
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 11.1 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.06 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Tgt Ion:264 Resp: 228816
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.1 17.3 25.9

