

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082791.D
 Acq On : 7 Nov 2015 5:42
 Operator : UM/IZ
 Sample : G4258-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-4(0-2)

Quant Time: Nov 08 23:55:30 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

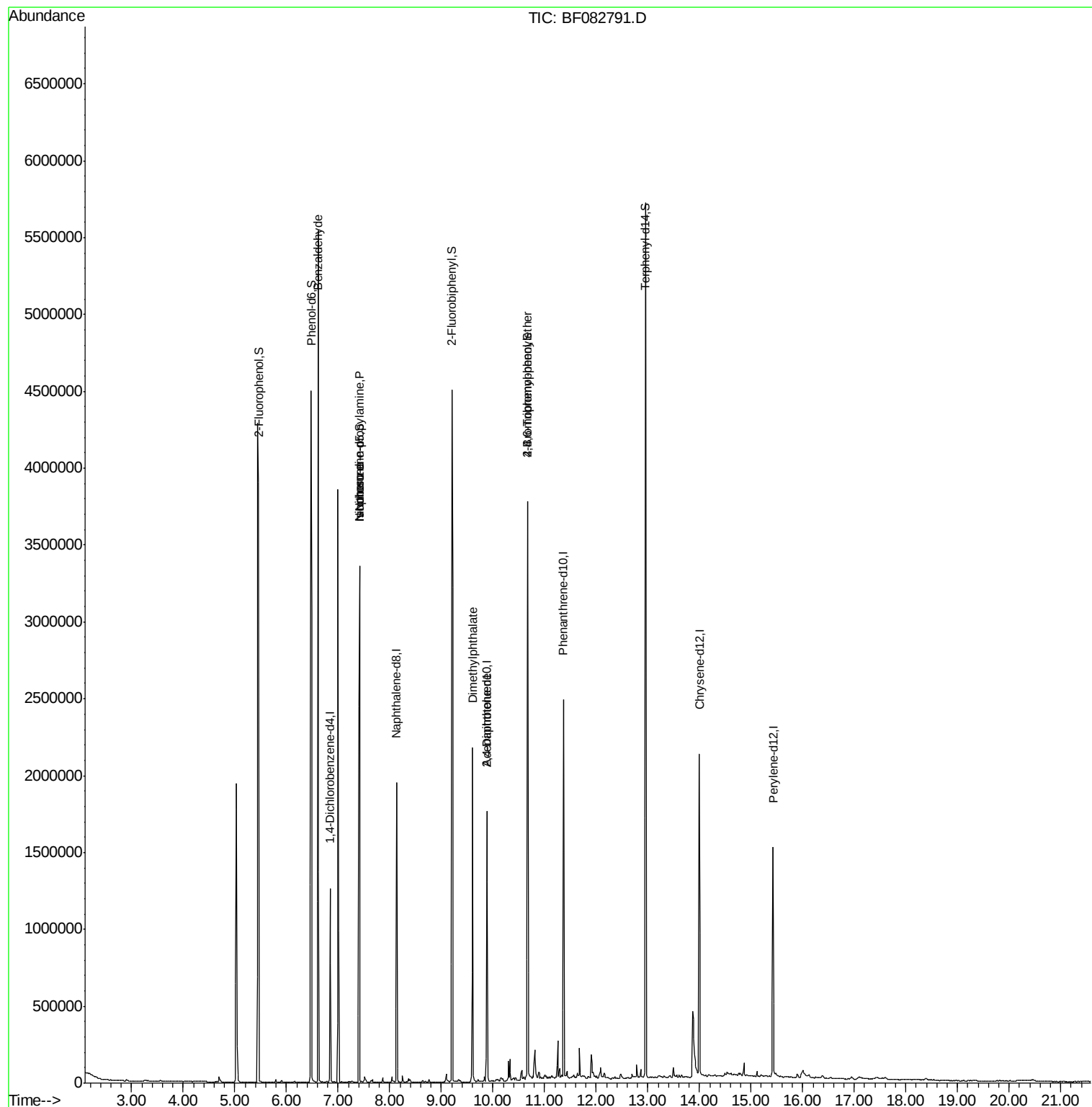
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229773	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	817969	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	467873	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	814431	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	798712	20.00	ng	-0.02
86) Perylene-d12	15.43	264	658870	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1717847	116.33	ng	0.01
7) Phenol-d6	6.48	99	2241350	114.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	1534089	81.61	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	427632	79.71	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1967114	60.26	ng	-0.01
78) Terphenyl-d14	12.96	244	1698356	50.43	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	39204	3.61	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.41	70	203993	14.14	ng	# 65
25) Isophorone	7.41	82	1427380	41.04	ng	# 69
49) Dimethylphthalate	9.61	163	910628	23.76	ng	98
56) 2,4-Dinitrotoluene	9.88	165	58809	5.30	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	28763	2.93	ng	# 1

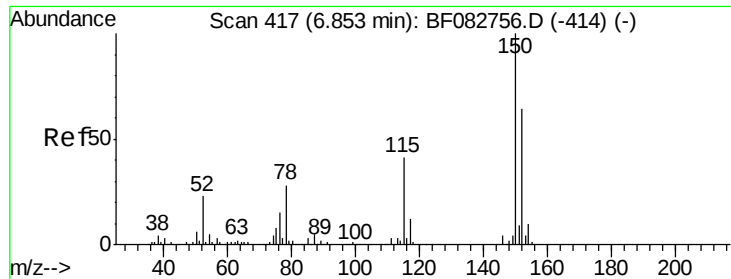
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082791.D

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Instrument :

BNA_F

ClientSampleId :

COFF-WP11-4(0-2)

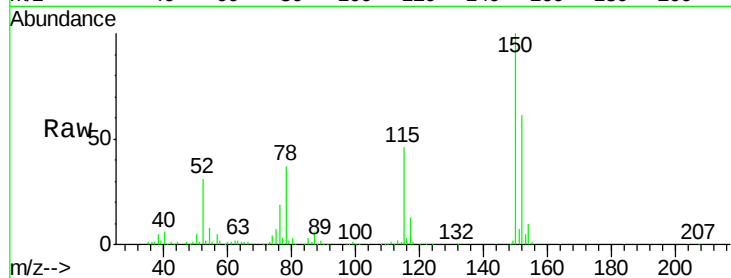
Tgt Ion:152 Resp: 229773

Ion Ratio Lower Upper

152 100

150 163.5 127.0 190.4

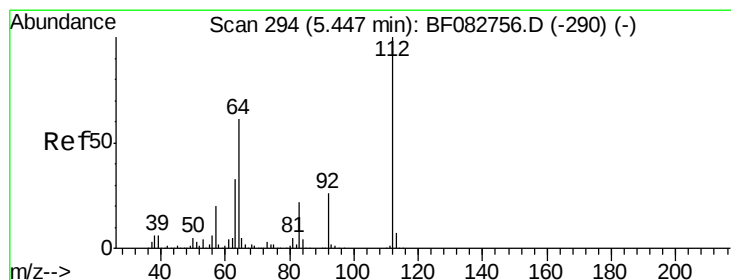
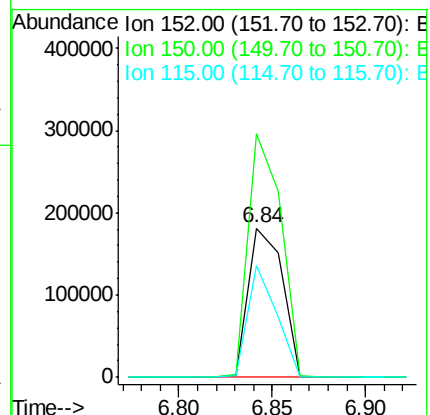
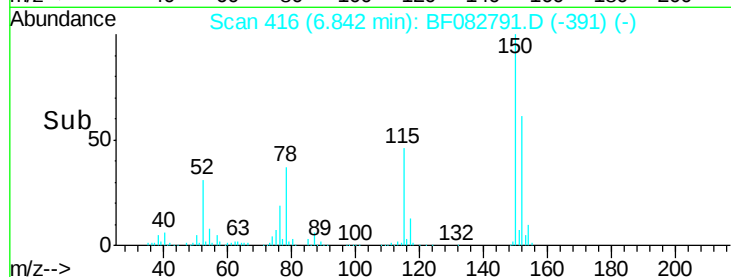
115 75.3 47.0 70.6#



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: 116.33 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082791.D

Acq: 7 Nov 2015 5:42

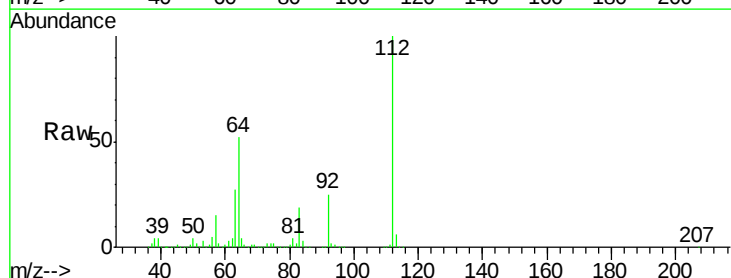
Tgt Ion:112 Resp: 1717847

Ion Ratio Lower Upper

112 100

64 51.7 48.9 73.3

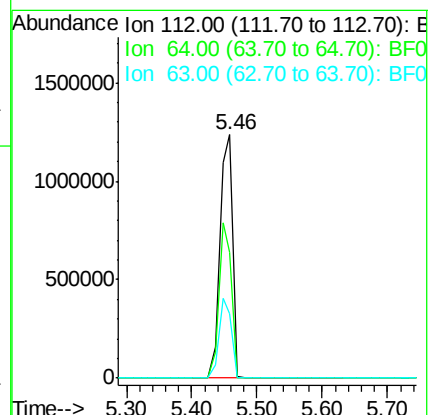
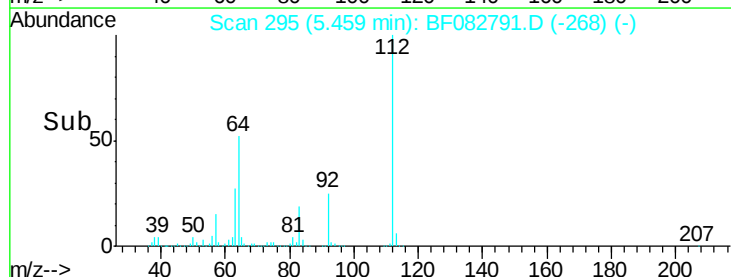
63 26.6 28.1 42.1#



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: 114.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082791.D

Acq: 7 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-4(0-2)

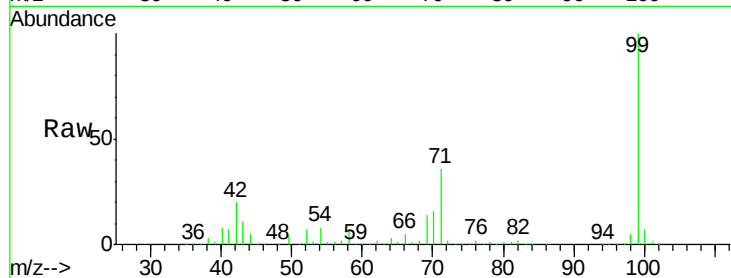
Tgt Ion: 99 Resp: 2241350

Ion Ratio Lower Upper

99 100

42 20.3 19.2 28.8

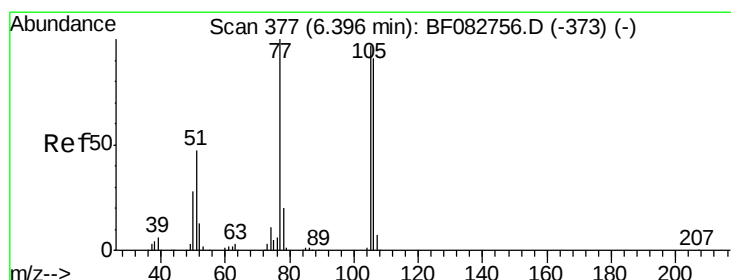
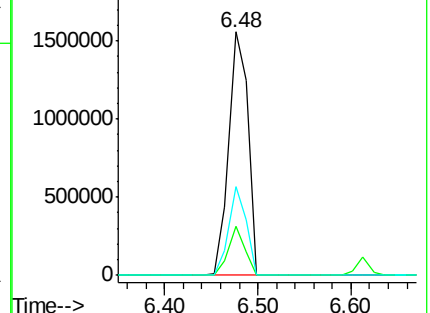
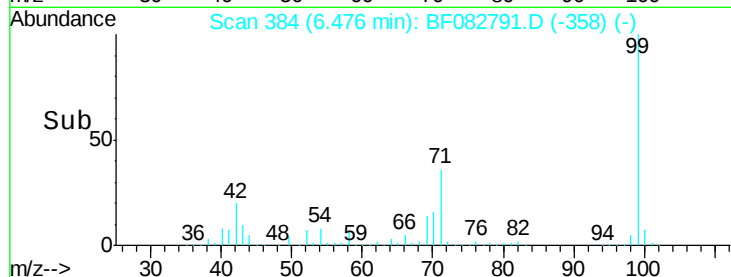
71 36.5 35.0 52.4



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: 3.61 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082791.D

Acq: 7 Nov 2015 5:42

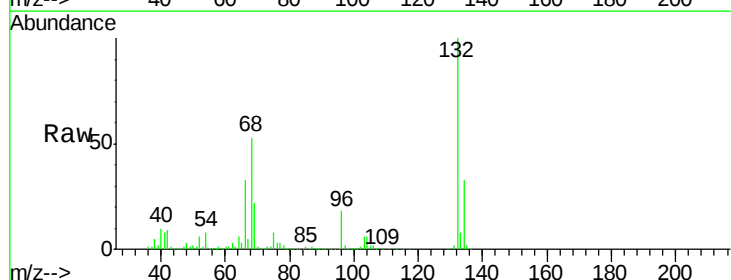
Tgt Ion: 77 Resp: 39204

Ion Ratio Lower Upper

77 100

105 75.0 63.5 103.5

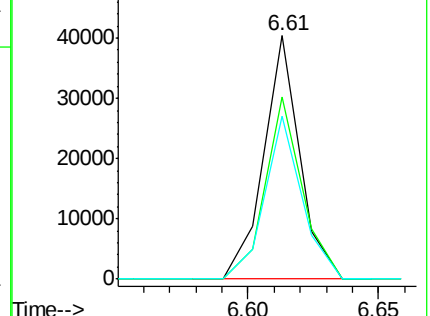
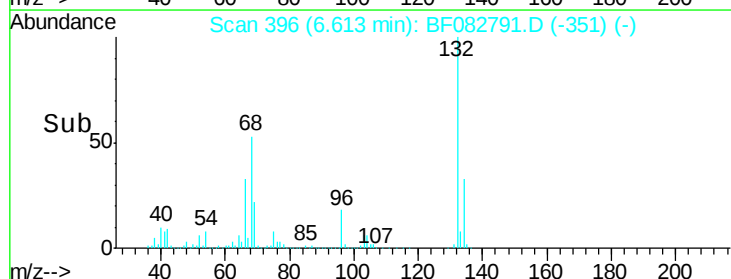
106 66.8 59.3 99.3

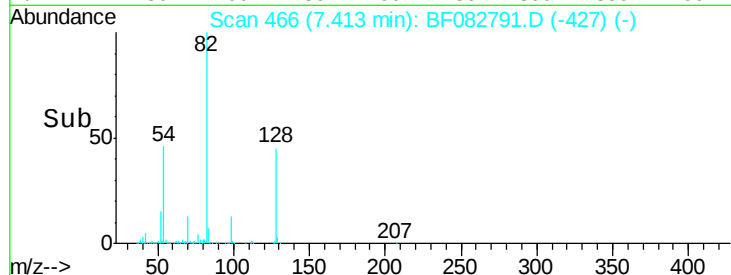
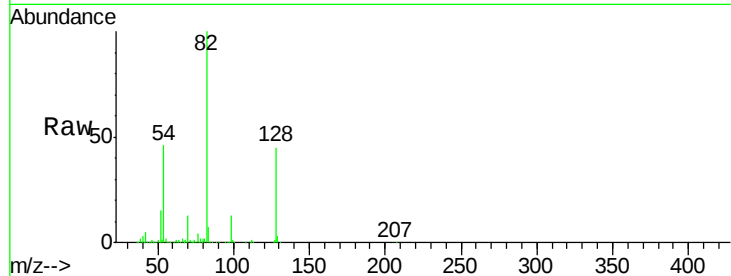


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

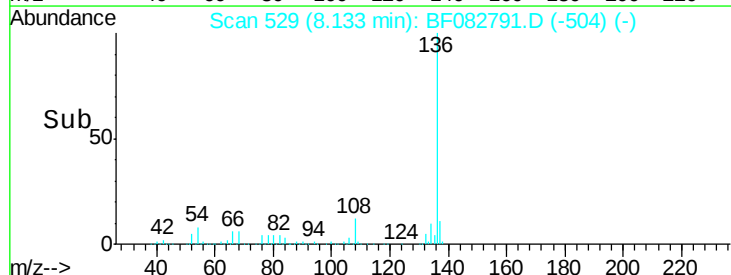
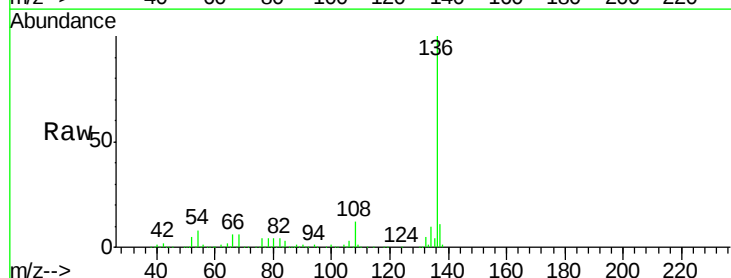
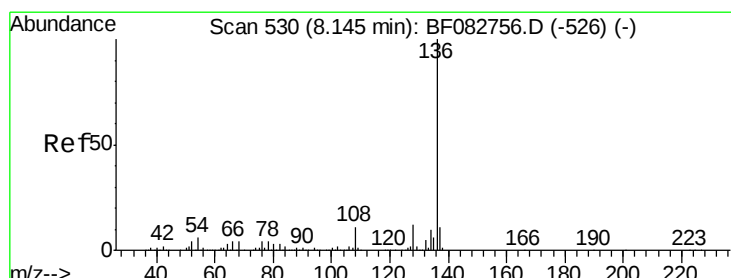
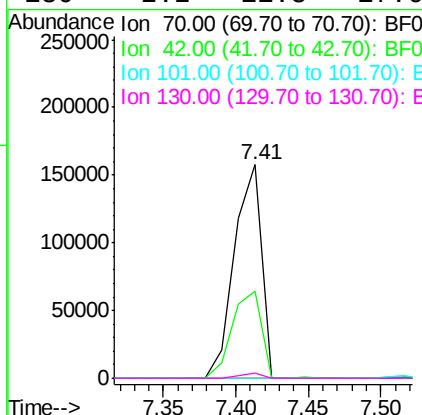




#19
n-Nitroso-di-n-propylamine
Concen: 14.14 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082791.D
Acq: 7 Nov 2015 5:42

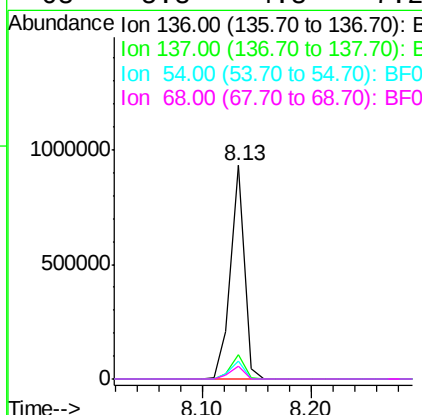
Instrument :
BNA_F
ClientSampleId :
COFF-WP11-4(0-2)

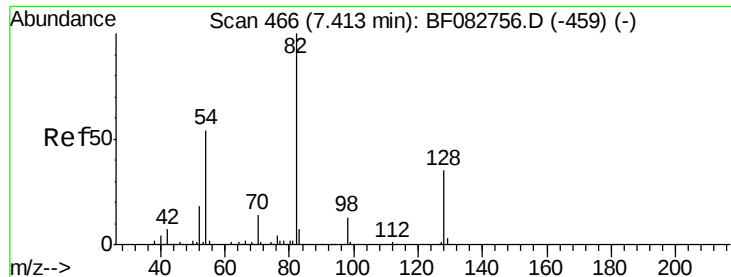
Tgt Ion:	70	Resp:	203993
Ion	Ratio	Lower	Upper
70	100		
42	40.9	57.7	86.5#
101	0.0	7.0	10.6#
130	2.2	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082791.D
Acq: 7 Nov 2015 5:42

Tgt Ion:	136	Resp:	817969
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	9.1	13.7#
68	5.8	4.8	7.2

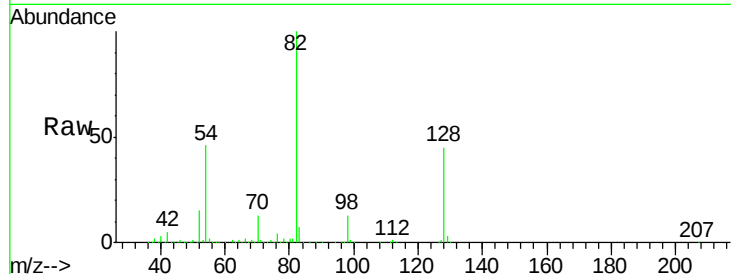




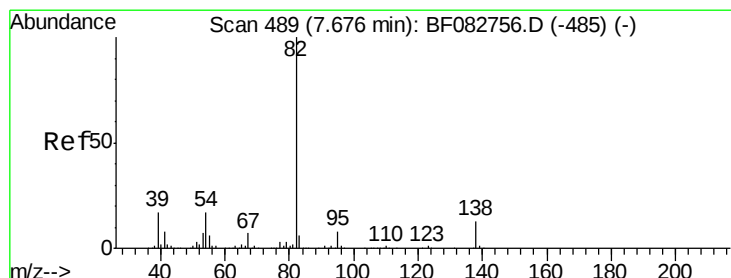
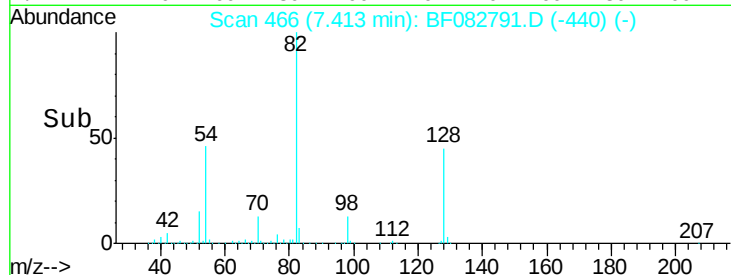
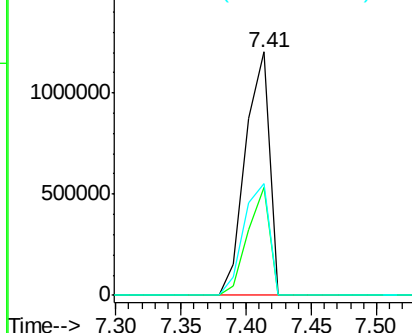
#23
 Nitrobenzene-d5
 Concen: 81.61 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-4(0-2)

Tgt Ion: 82 Resp: 1534089
 Ion Ratio Lower Upper
 82 100
 128 44.5 26.8 40.2#
 54 46.0 45.7 68.5

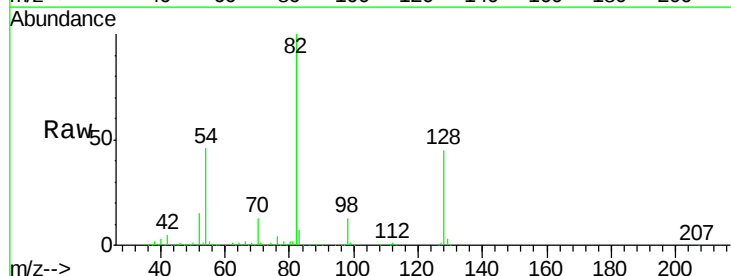


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

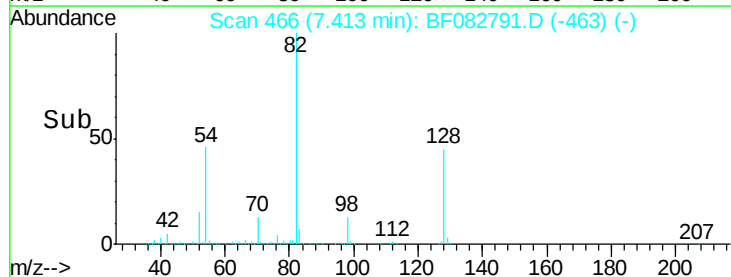
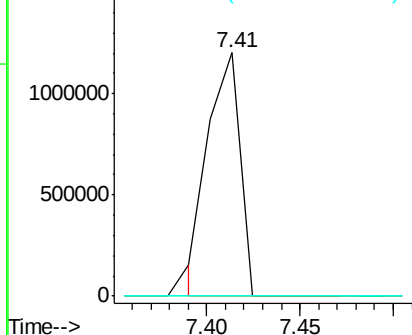


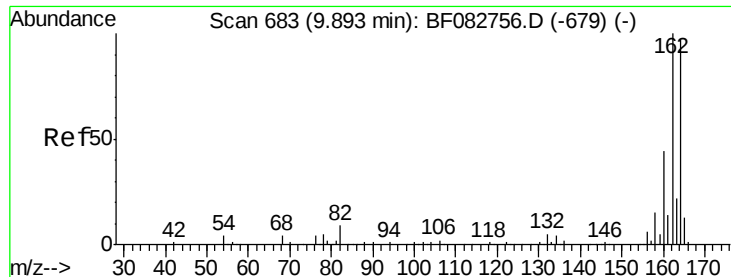
#25
 Isophorone
 Concen: 41.04 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Tgt Ion: 82 Resp: 1427380
 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

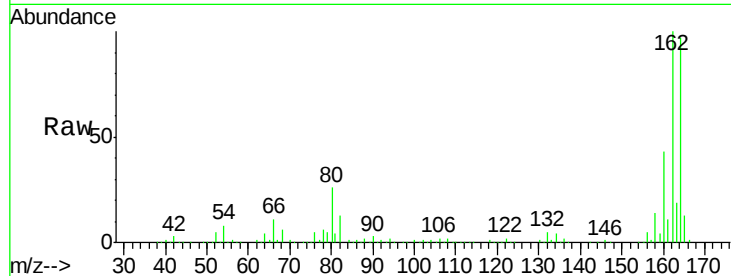




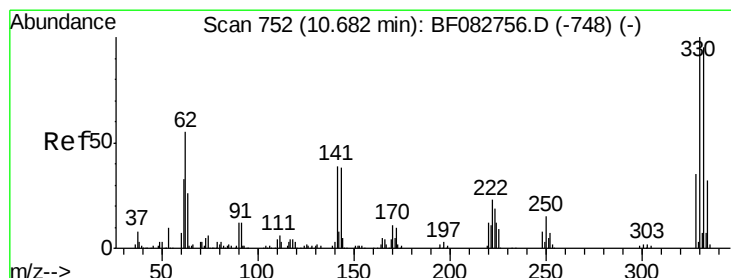
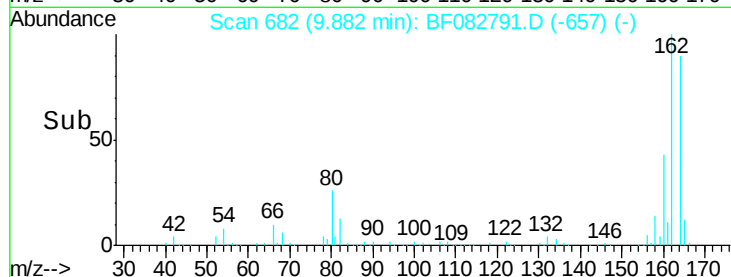
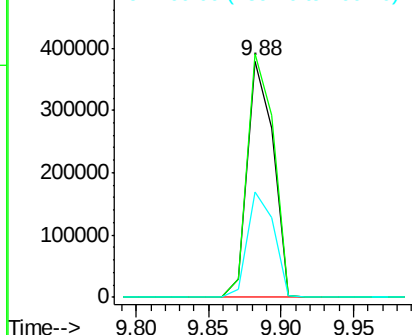
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082791.D
Acq: 7 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-4(0-2)

Tgt Ion:164 Resp: 467873
Ion Ratio Lower Upper
164 100
162 103.2 84.9 127.3
160 44.6 37.5 56.3

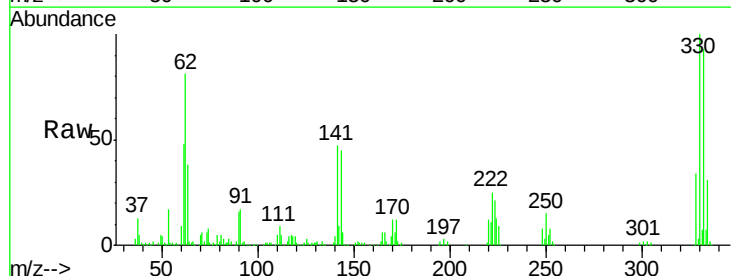


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

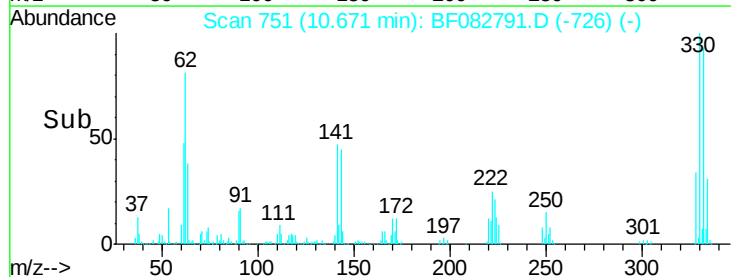
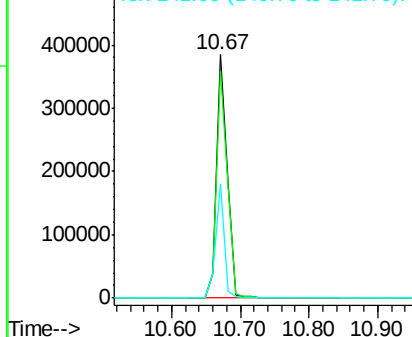


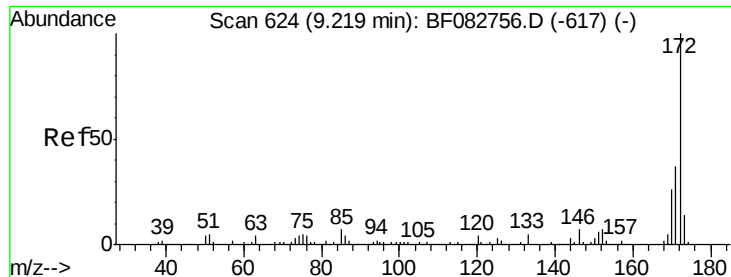
#41
2,4,6-Tribromophenol
Concen: 79.71 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082791.D
Acq: 7 Nov 2015 5:42

Tgt Ion:330 Resp: 427632
Ion Ratio Lower Upper
330 100
332 93.9 76.6 114.8
141 38.0 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

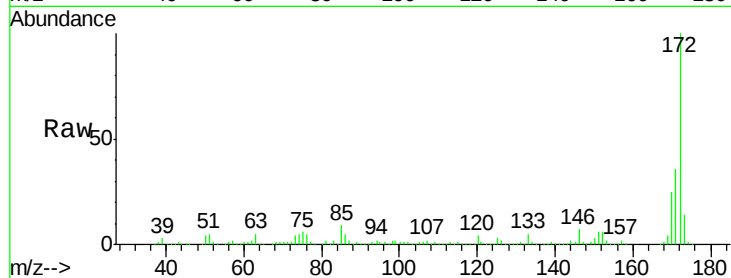




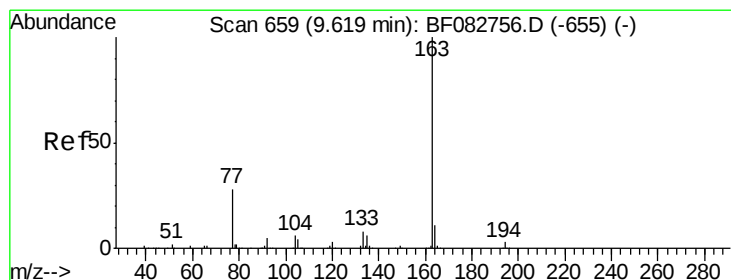
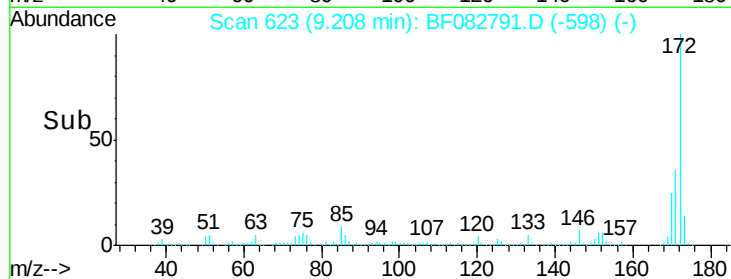
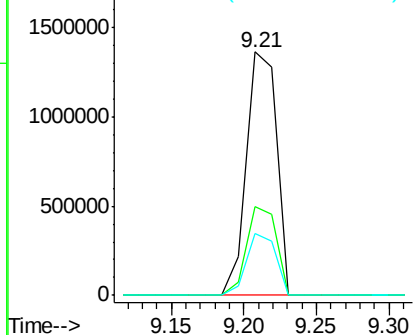
#44
 2-Fluorobiphenyl
 Concen: 60.26 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-4(0-2)

Tgt Ion:172 Resp: 1967114
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.8 46.2
 170 25.5 21.2 31.8

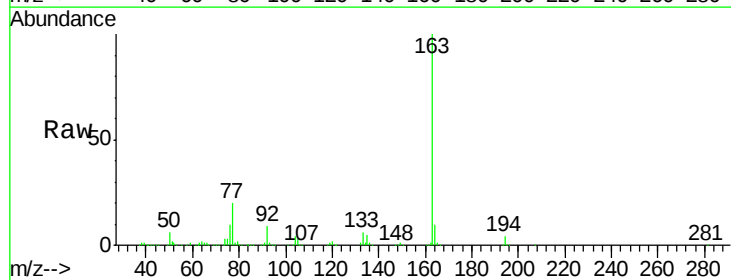


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

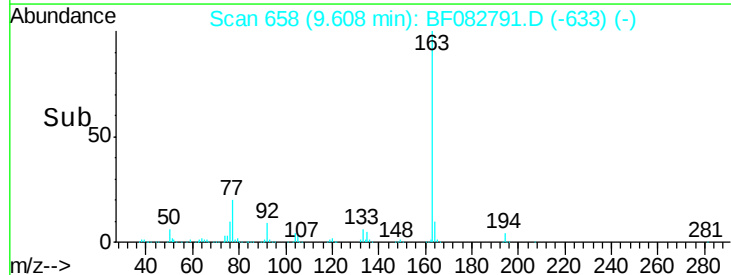
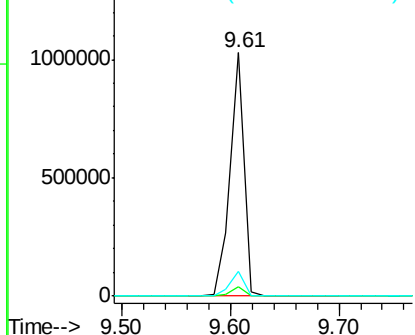


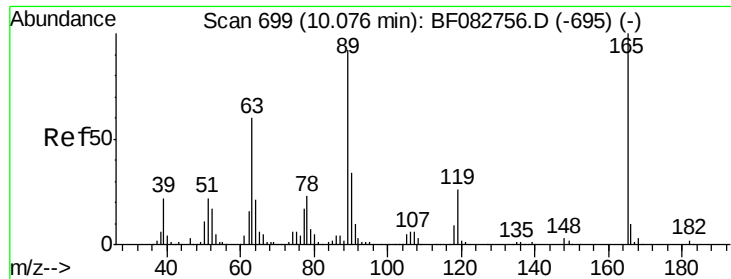
#49
 Dimethylphthalate
 Concen: 23.76 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Tgt Ion:163 Resp: 910628
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 4.0
 164 10.1 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

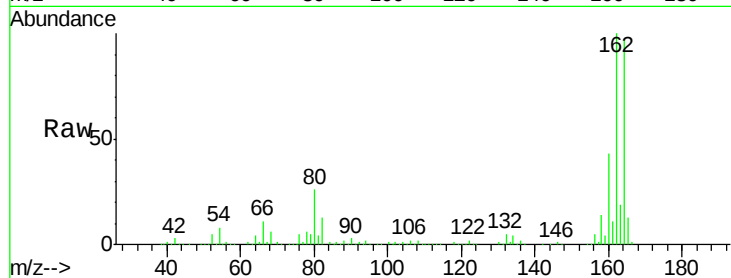




#56
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082791.D
Acq: 7 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-4(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

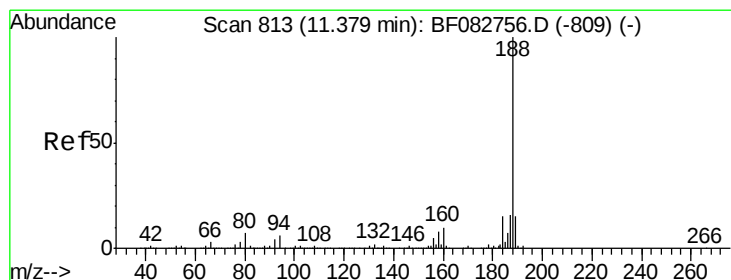
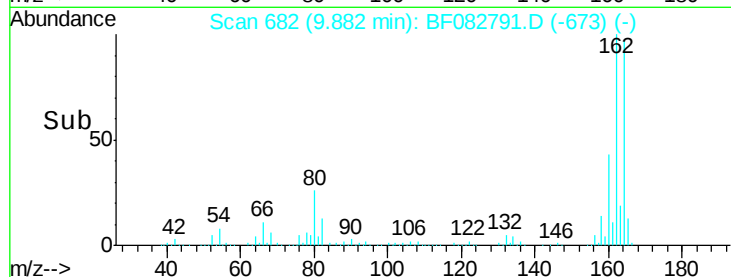
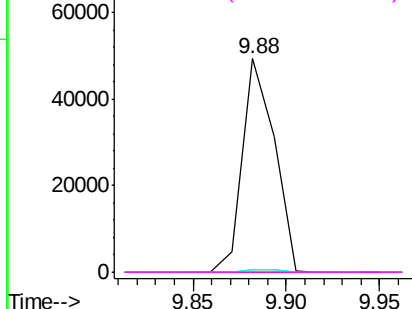


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

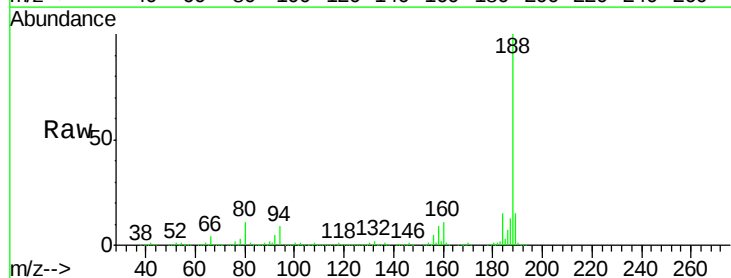
Ion 89.00 (88.70 to 89.70): BF0

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: BF082791.D
Acq: 7 Nov 2015 5:42

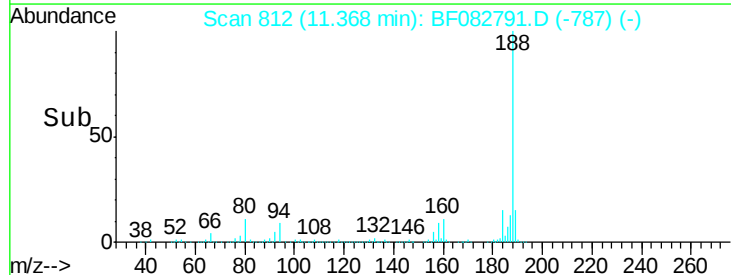
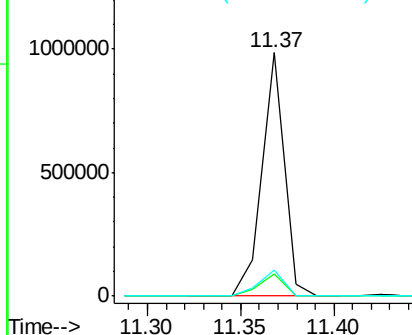
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.1	9.1#
80	10.5	7.0	10.6

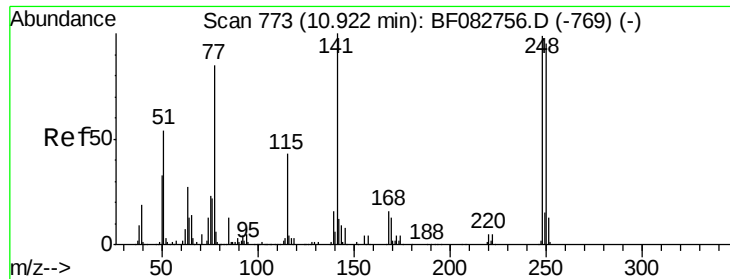


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

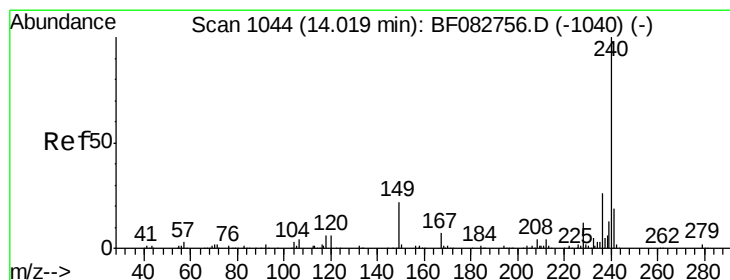
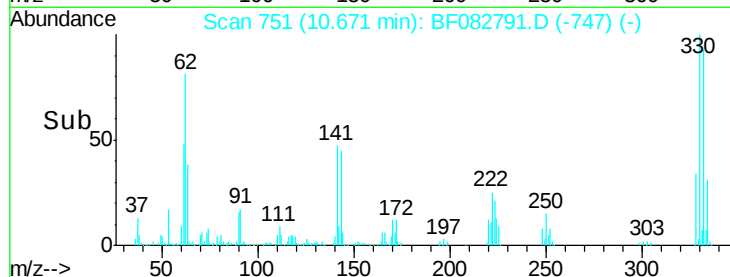
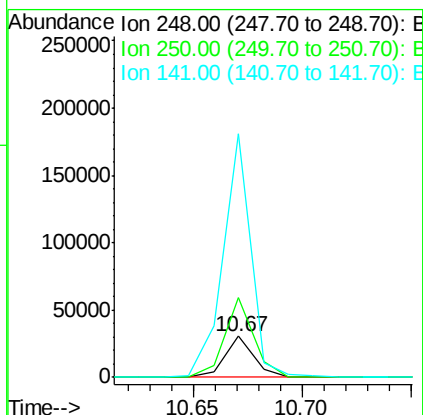
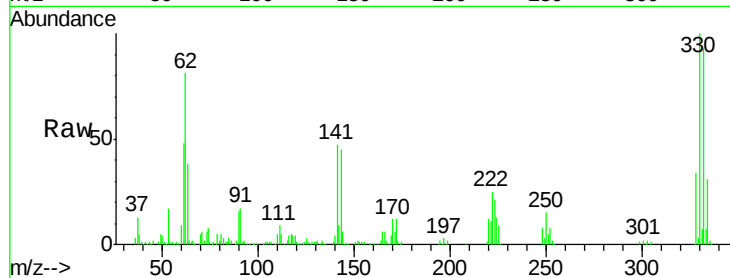




#66
 4-Bromophenyl-phenylether
 Concen: 2.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

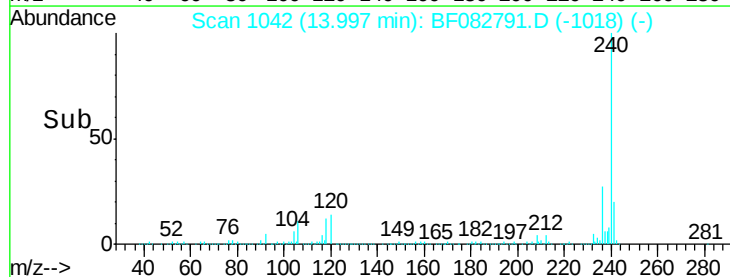
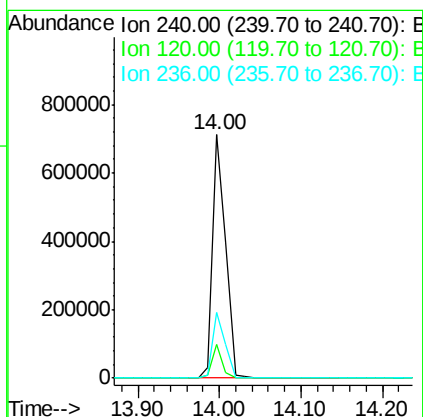
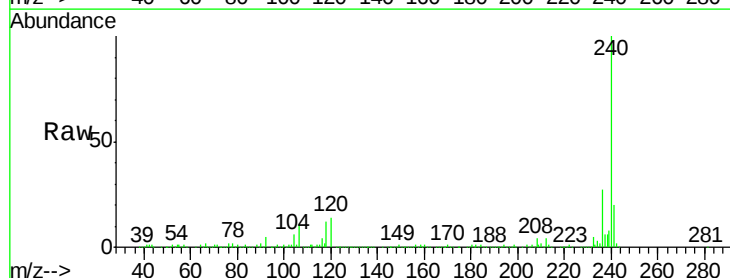
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-4(0-2)

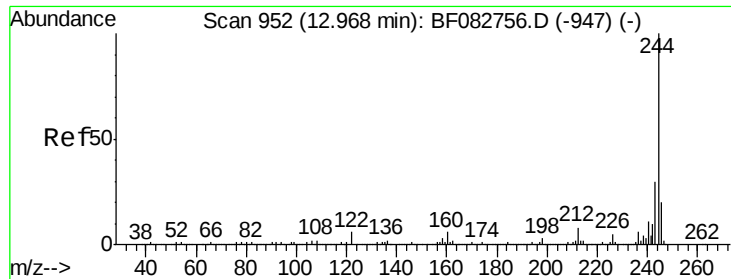
Tgt Ion:248 Resp: 28763
 Ion Ratio Lower Upper
 248 100
 250 194.3 79.4 119.2#
 141 592.4 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Tgt Ion:240 Resp: 798712
 Ion Ratio Lower Upper
 240 100
 120 14.0 10.9 16.3
 236 27.0 21.6 32.4

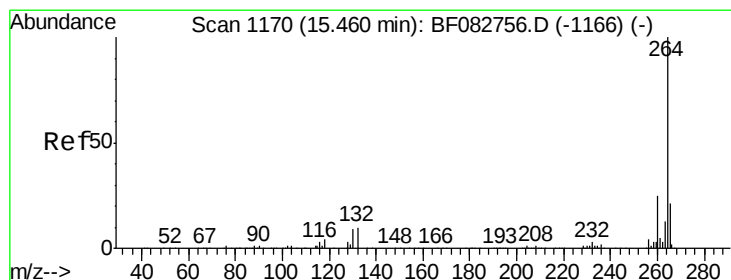
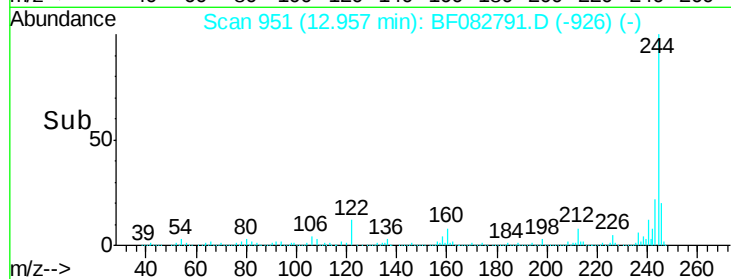
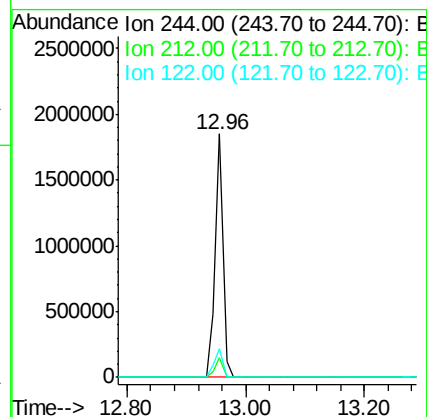
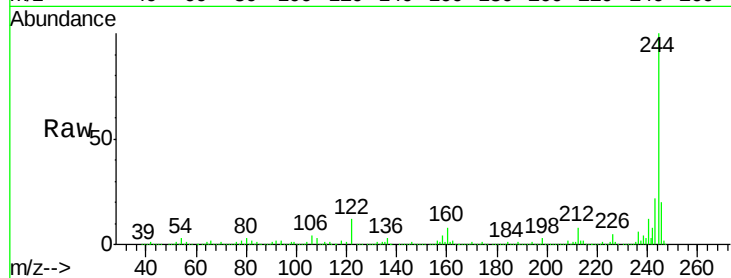




#78
 Terphenyl-d14
 Concen: 50.43 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-4(0-2)

Tgt Ion:244 Resp: 1698356
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.6 11.4
 122 11.6 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082791.D
 Acq: 7 Nov 2015 5:42

Tgt Ion:264 Resp: 658870
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 22.6 17.4 26.0

