

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080756.D
 Acq On : 1 Aug 2015 2:34
 Operator : TP/UM
 Sample : G3127-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-8(0-2)

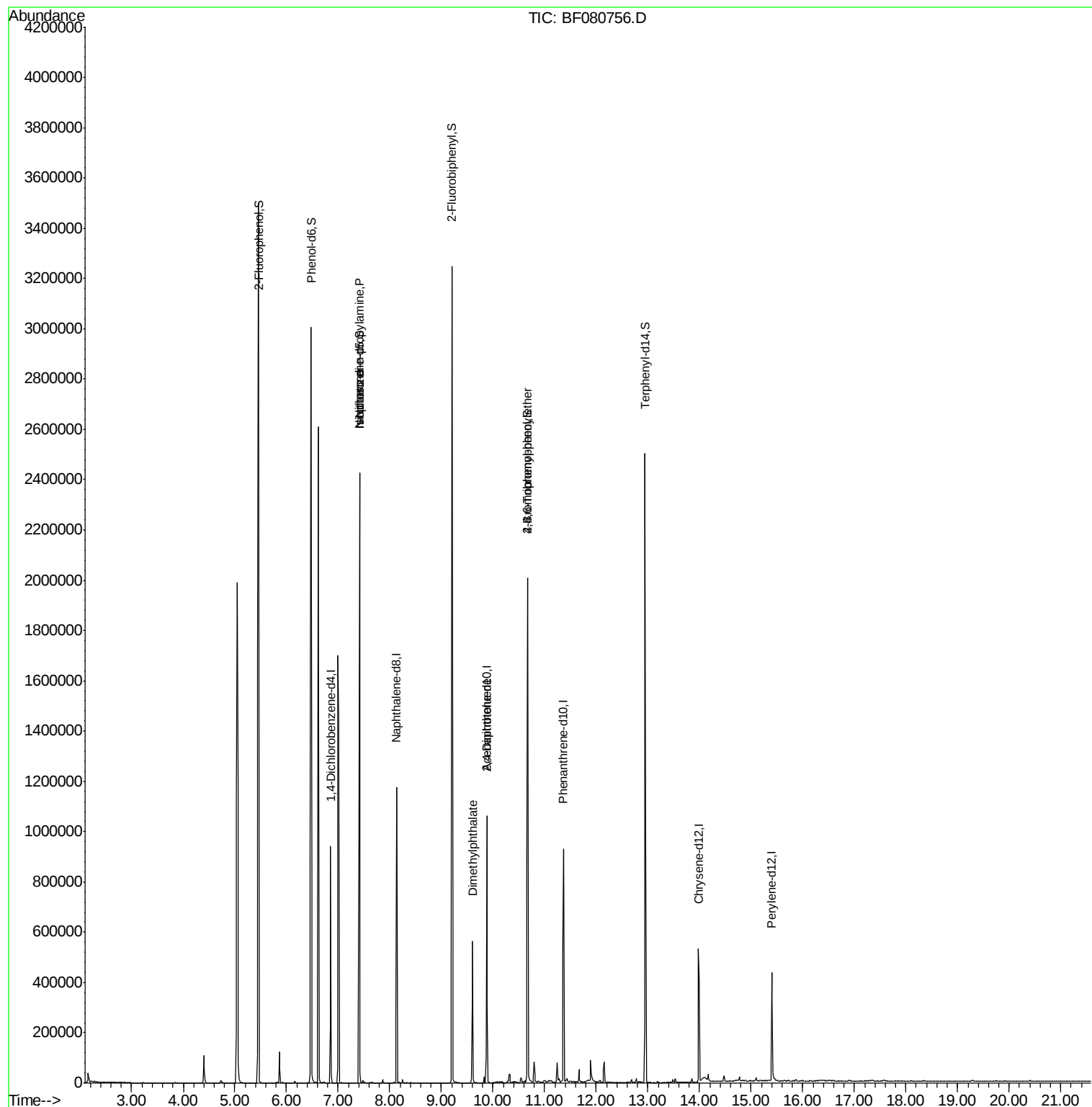
Quant Time: Aug 01 03:21:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

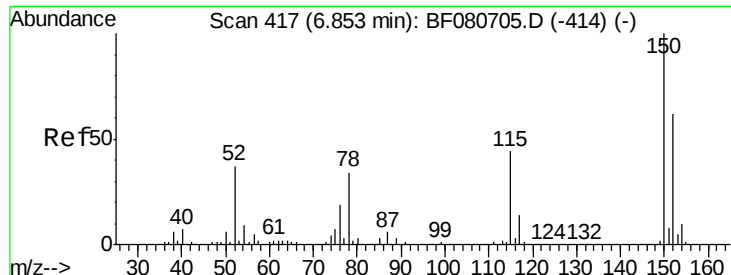
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123183	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	468021	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	207282	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	409202	20.00	ng	0.00
75) Chrysene-d12	13.99	240	255517	20.00	ng	-0.01
86) Perylene-d12	15.40	264	240283	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	865722	120.56	ng	0.01
7) Phenol-d6	6.48	99	1058914	108.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	774662	80.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	244194	113.53	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	975271	70.19	ng	-0.01
78) Terphenyl-d14	12.94	244	832075	61.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1805	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	109680	16.66	ng	# 75
25) Isophorone	7.41	82	761818	44.32	ng	# 71
49) Dimethylphthalate	9.61	163	284332	19.47	ng	# 97
56) 2,4-Dinitrotoluene	9.88	165	27009	6.64	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	16411	3.89	ng	# 1

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

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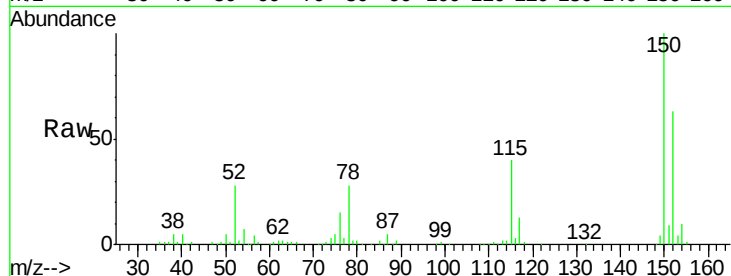


#1

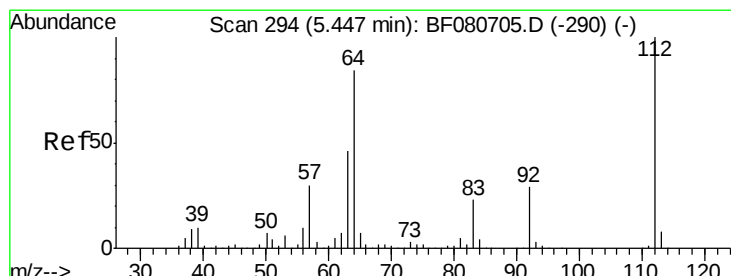
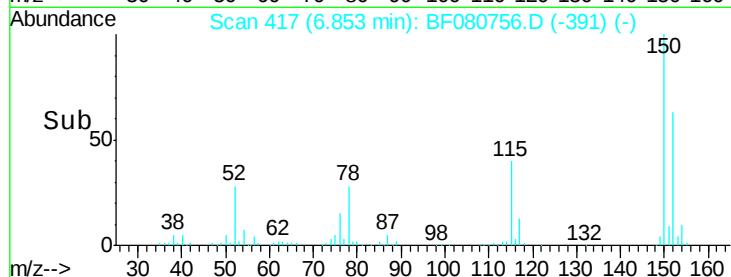
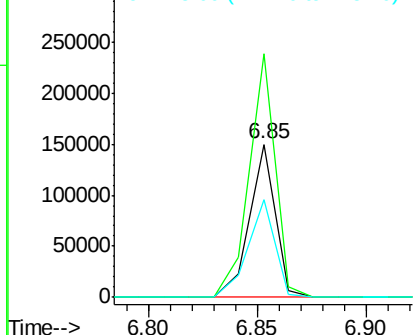
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-8(0-2)

Tgt Ion:152 Resp: 123183
Ion Ratio Lower Upper
152 100
150 159.1 129.6 194.4
115 63.7 56.6 85.0



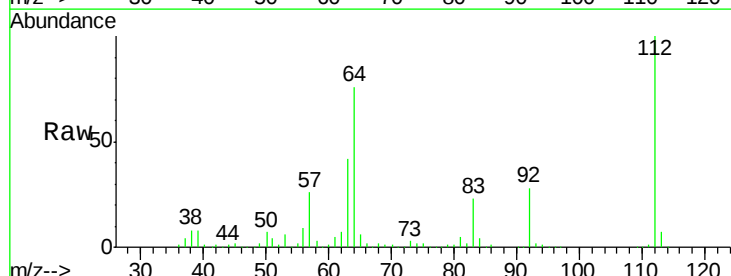
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



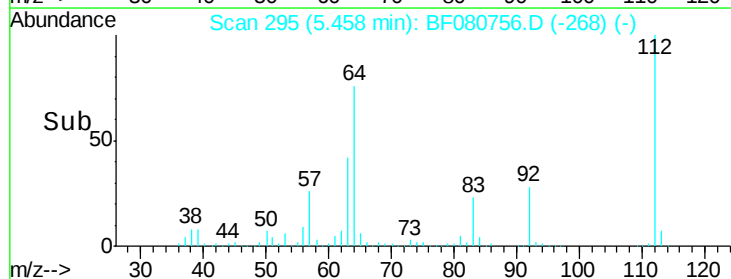
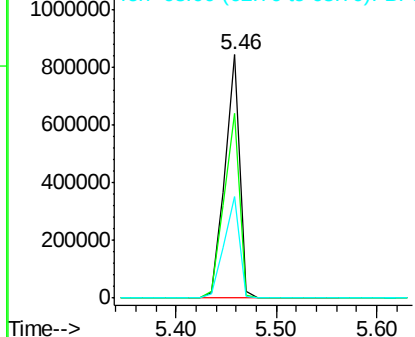
#5

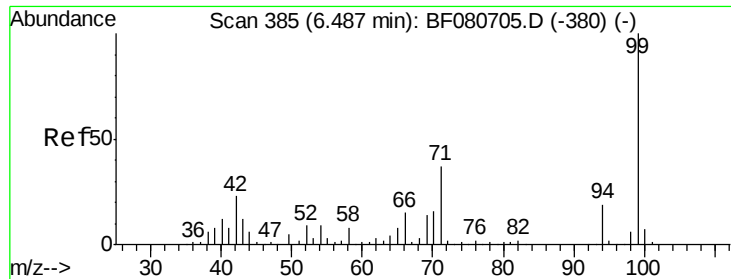
2-Fluorophenol
Concen: 120.56 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Tgt Ion:112 Resp: 865722
Ion Ratio Lower Upper
112 100
64 75.9 66.8 100.2
63 41.8 36.7 55.1



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: 108.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-8(0-2)

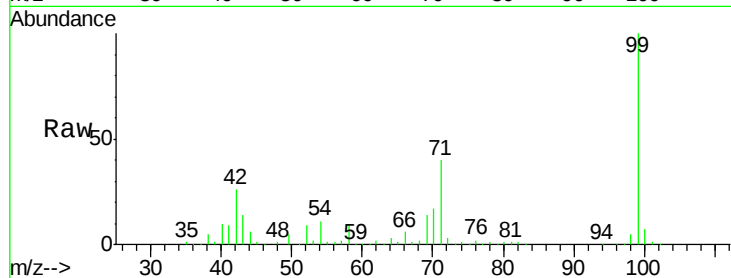
Tgt Ion: 99 Resp: 1058914

Ion Ratio Lower Upper

99 100

42 26.1 18.2 27.2

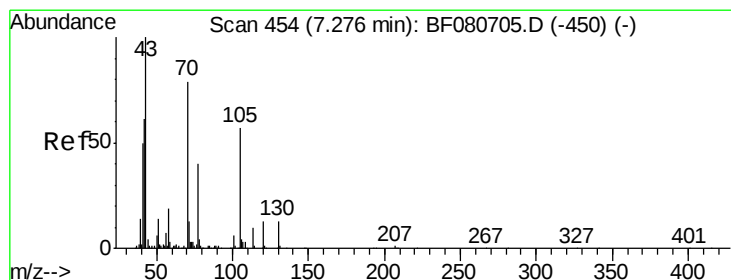
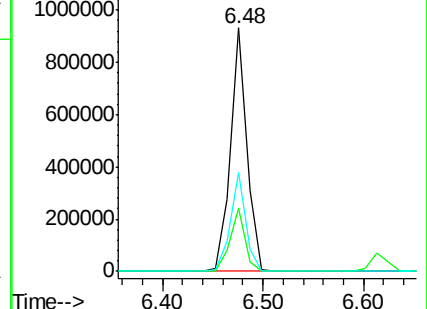
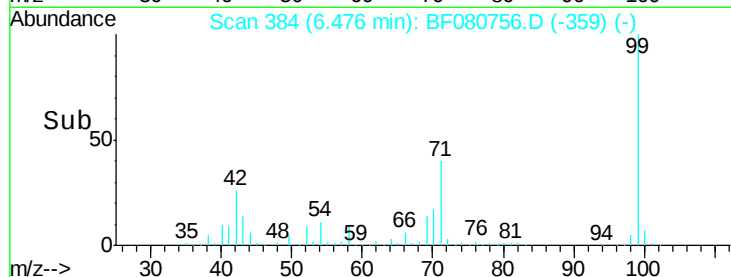
71 40.4 29.5 44.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.66 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

Tgt Ion: 70 Resp: 109680

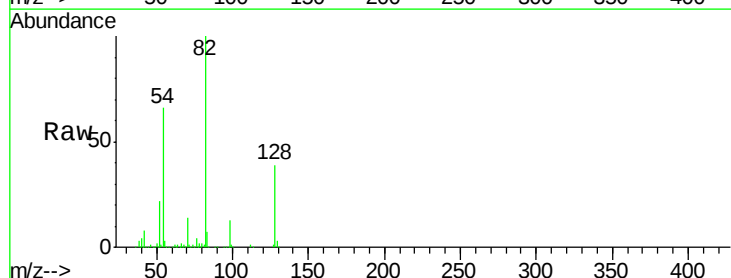
Ion Ratio Lower Upper

70 100

42 56.5 61.8 92.6#

101 0.0 6.1 9.1#

130 1.8 12.9 19.3#

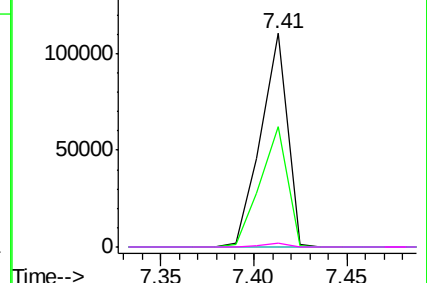
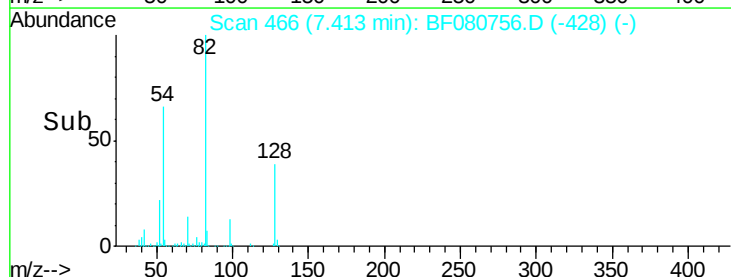


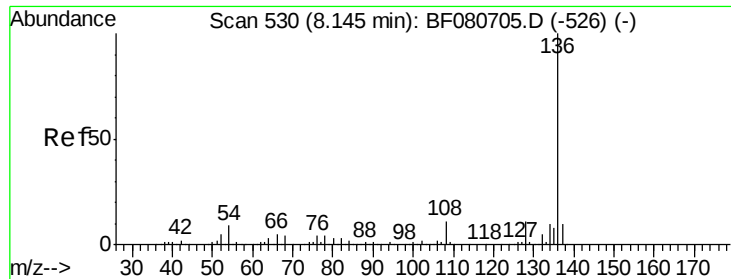
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

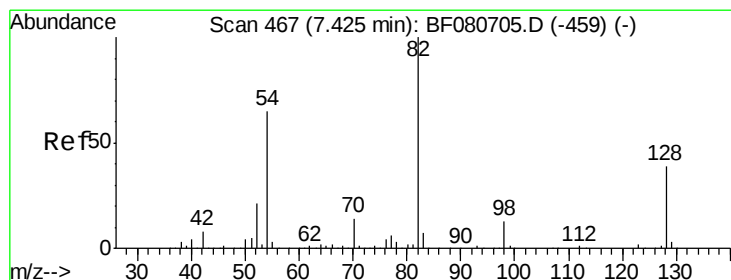
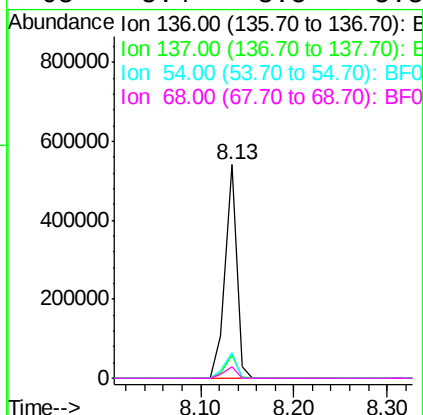
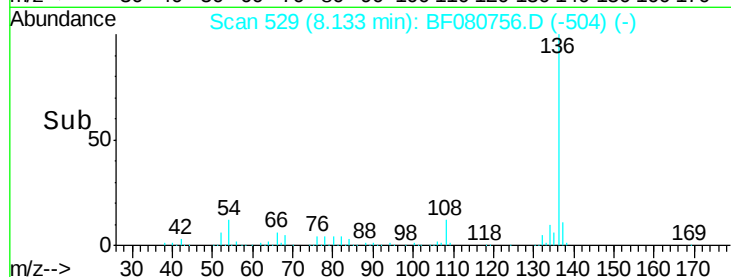
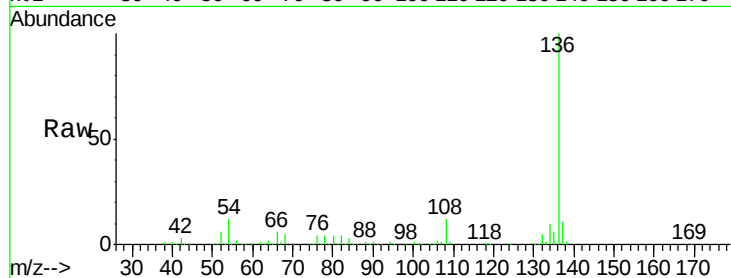




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

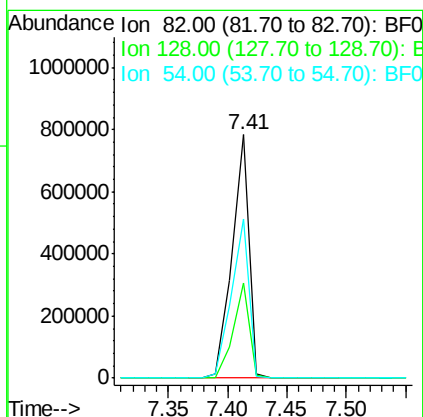
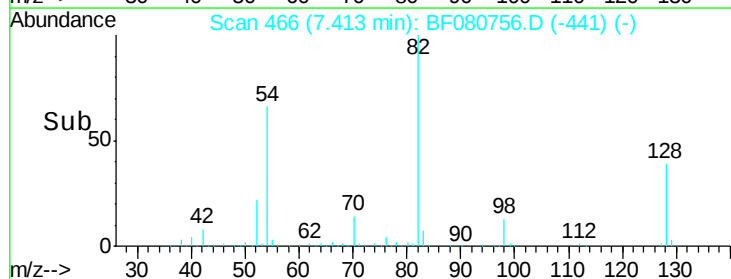
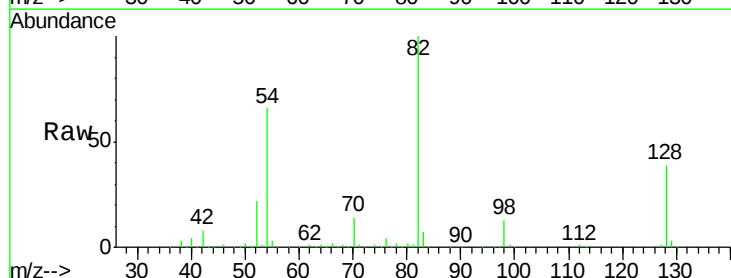
Instrument :
BNA_F
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COFF-3RD-8(0-2)

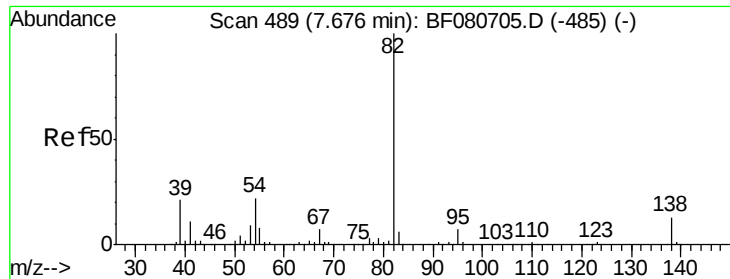
Tgt Ion:	136	Resp:	468021
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.8	6.9	10.3#
68	5.4	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 80.15 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Tgt Ion:	82	Resp:	774662
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.5	47.3
54	65.6	51.8	77.8





#25

Isophorone

Concen: 44.32 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-8(0-2)

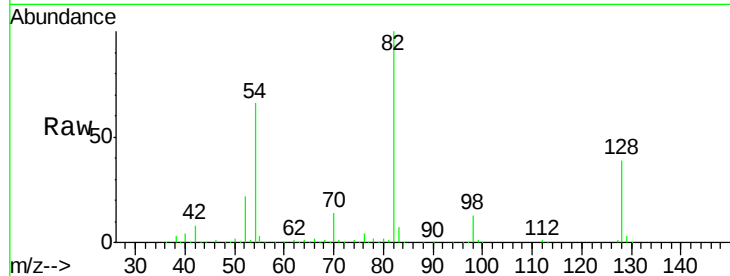
Tgt Ion: 82 Resp: 761818

Ion Ratio Lower Upper

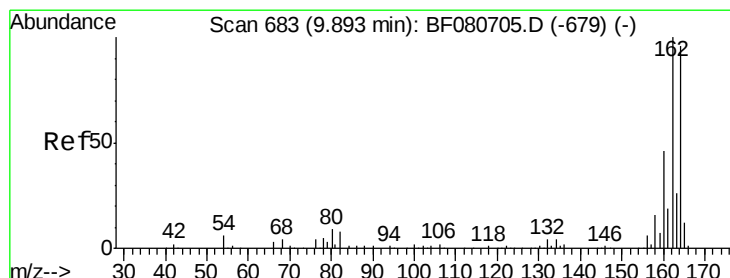
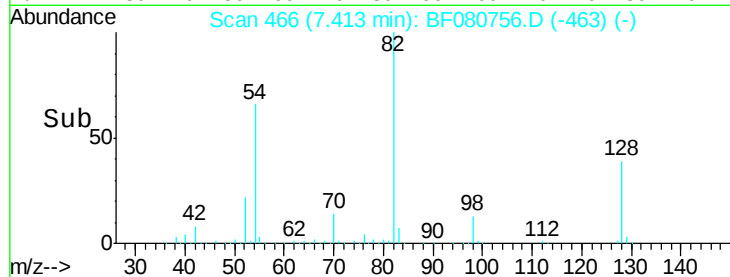
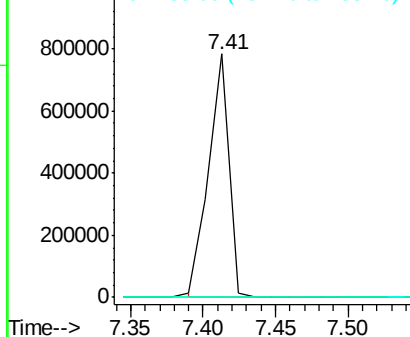
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

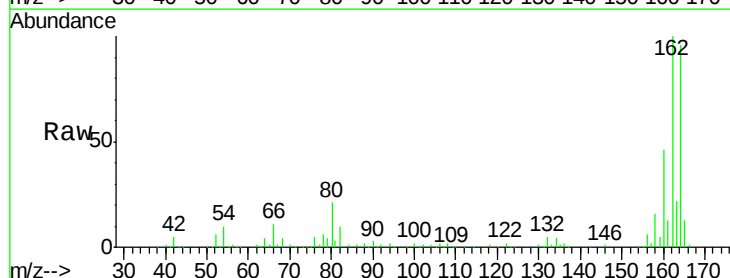
Tgt Ion: 164 Resp: 207282

Ion Ratio Lower Upper

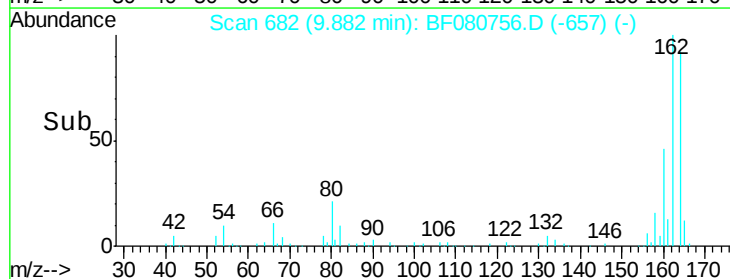
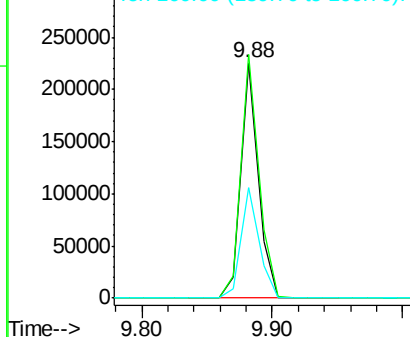
164 100

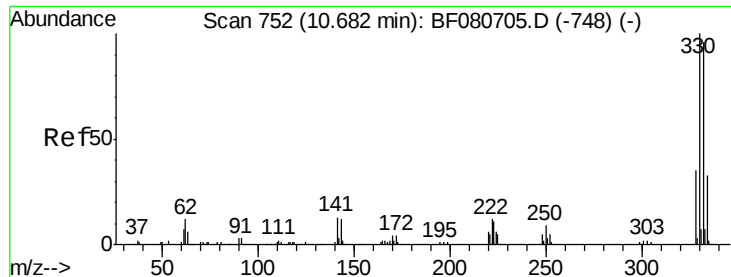
162 103.6 83.4 125.0

160 47.2 38.0 57.0



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

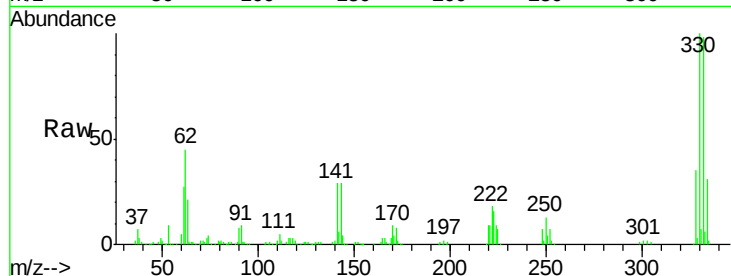




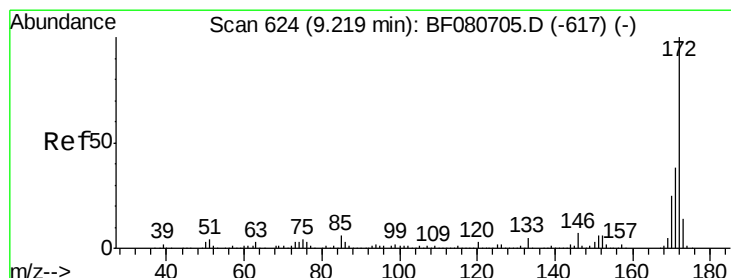
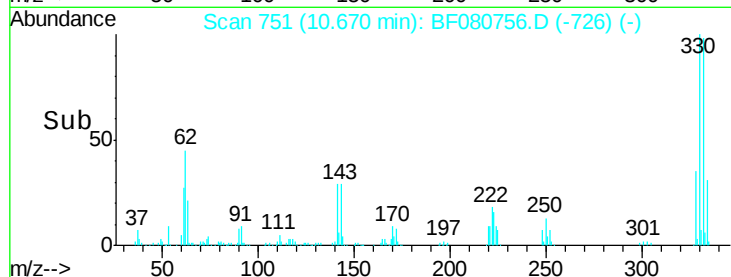
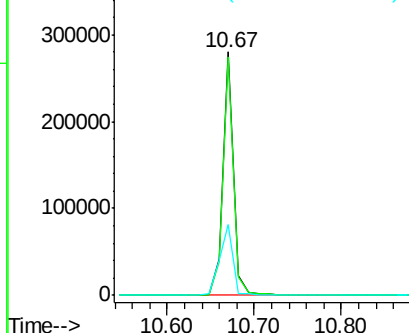
#41
 2,4,6-Tribromophenol
 Concen: 113.53 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080756.D
 Acq: 1 Aug 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-8(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	36.2	26.0	39.0

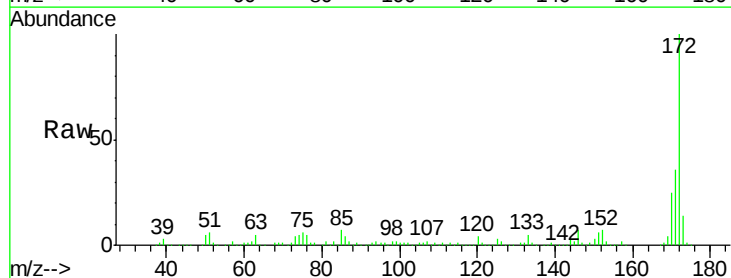


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

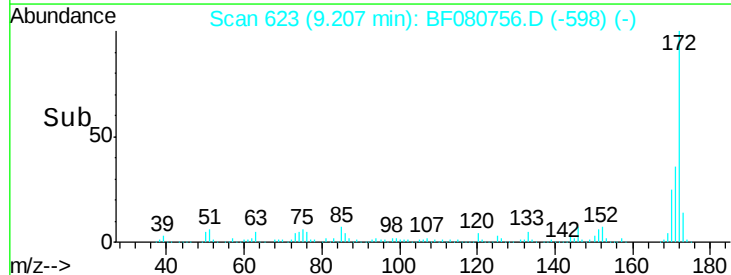
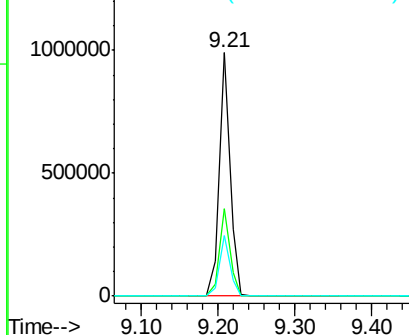


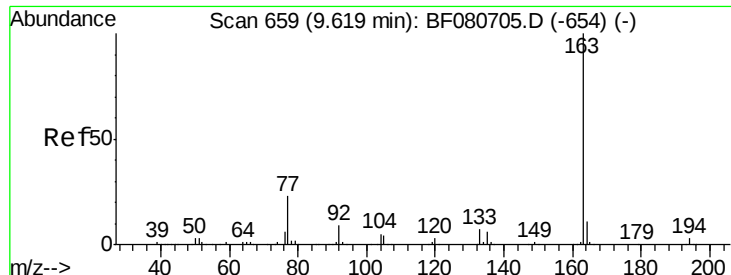
#44
 2-Fluorobiphenyl
 Concen: 70.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080756.D
 Acq: 1 Aug 2015 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.2	45.4
170	24.9	20.2	30.2



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

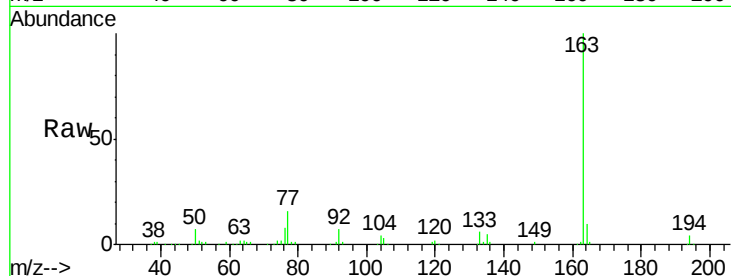




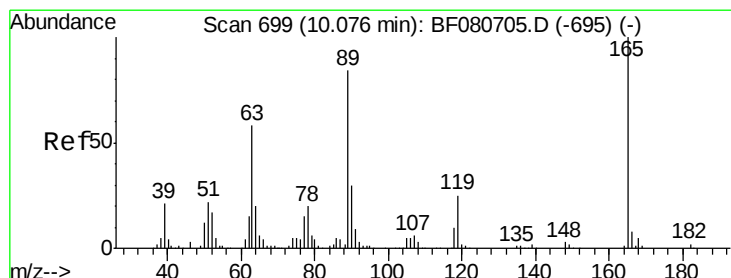
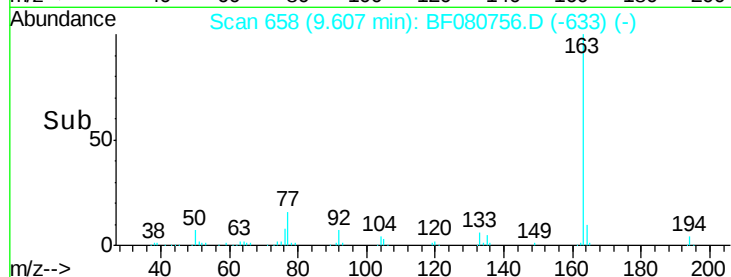
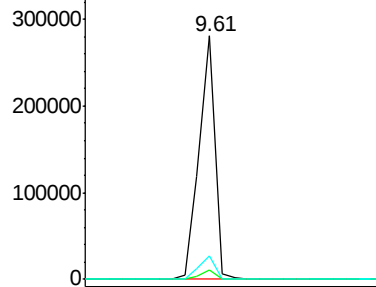
#49
Dimethylphthalate
Concen: 19.47 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-8(0-2)

Tgt Ion:163 Resp: 284332
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 8.7 13.1

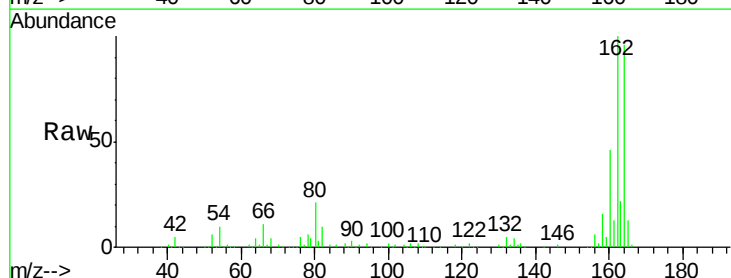


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

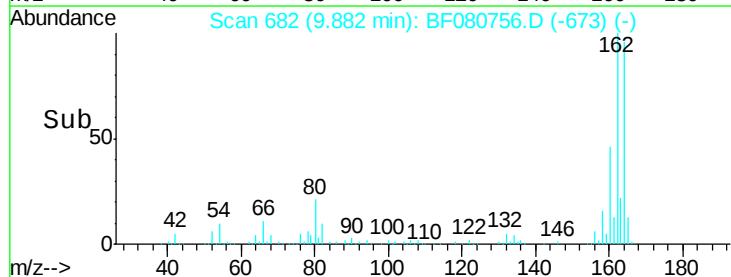
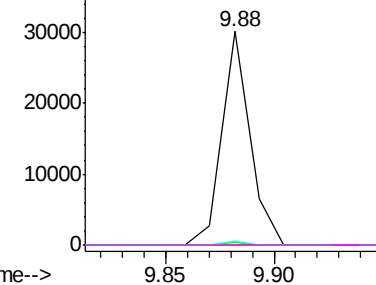


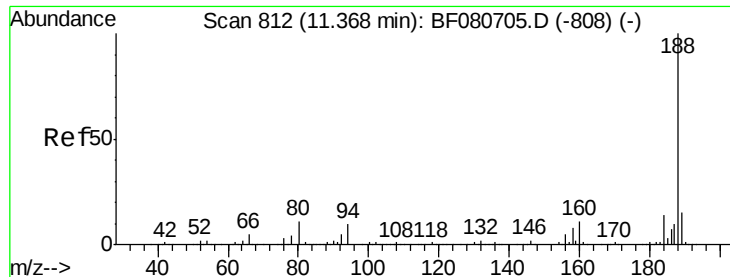
#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Tgt Ion:165 Resp: 27009
Ion Ratio Lower Upper
165 100
63 1.3 46.7 70.1#
89 1.7 67.4 101.2#
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

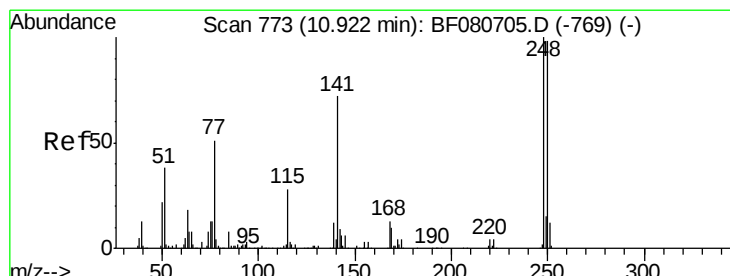
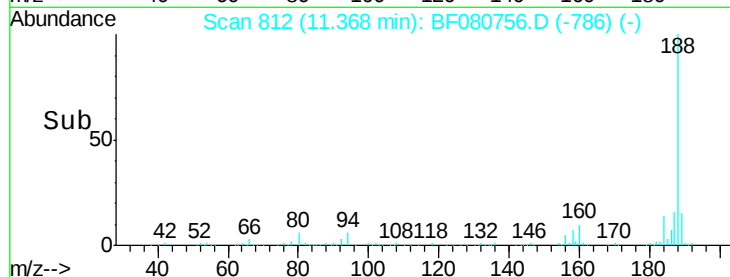
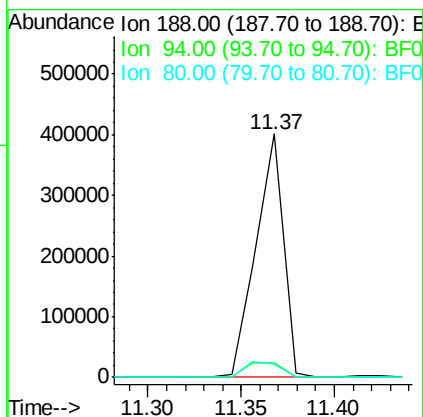
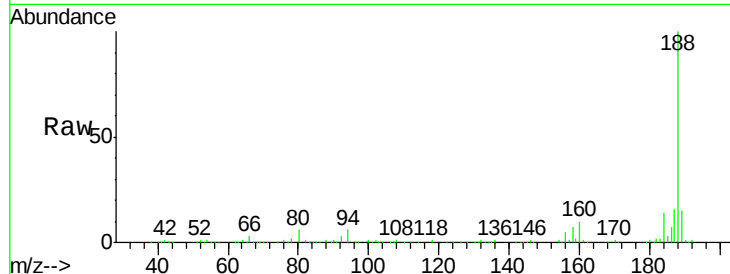




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080756.D
 Acq: 1 Aug 2015 2:34

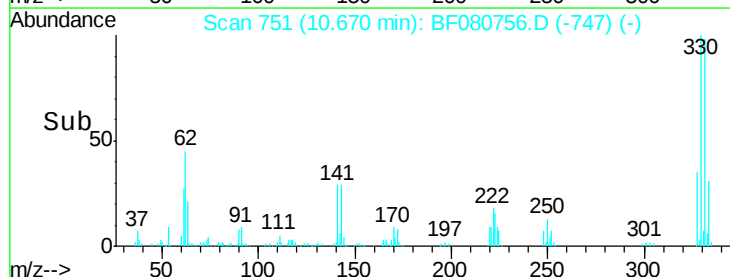
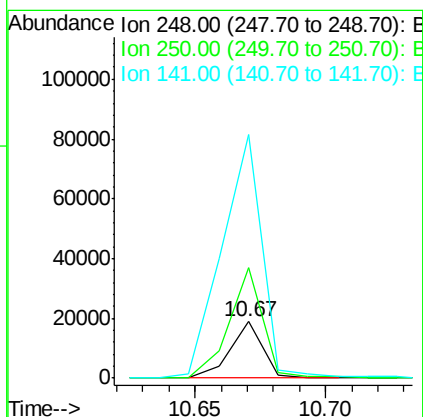
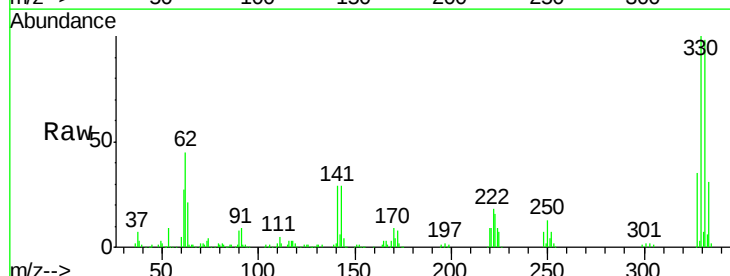
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-8(0-2)

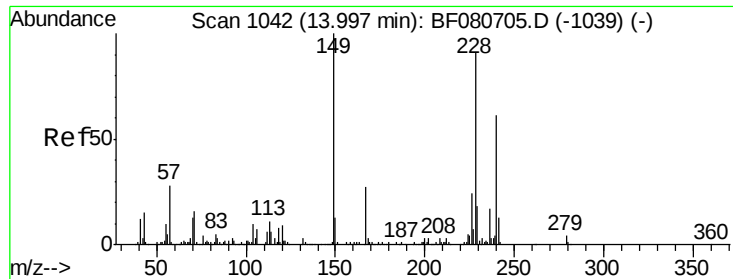
Tgt Ion:188 Resp: 409202
 Ion Ratio Lower Upper
 188 100
 94 5.9 8.1 12.1#
 80 5.5 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080756.D
 Acq: 1 Aug 2015 2:34

Tgt Ion:248 Resp: 16411
 Ion Ratio Lower Upper
 248 100
 250 196.0 78.4 117.6#
 141 429.7 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-8(0-2)

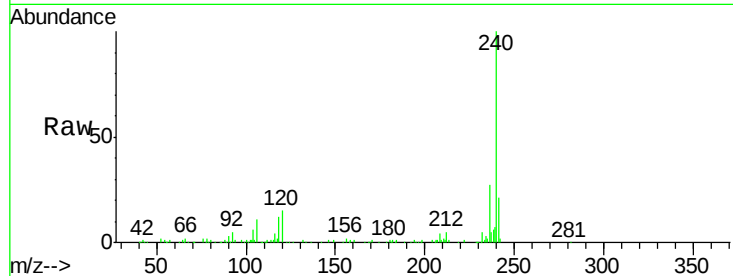
Tgt Ion:240 Resp: 255517

Ion Ratio Lower Upper

240 100

120 14.8 11.8 17.8

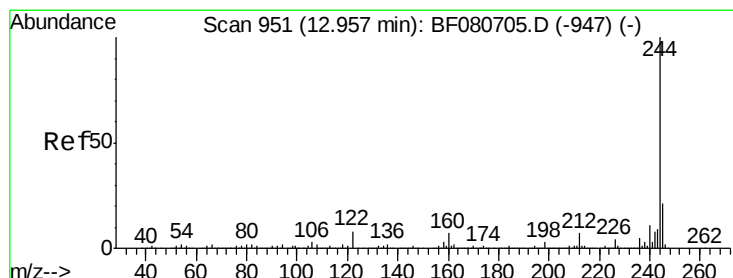
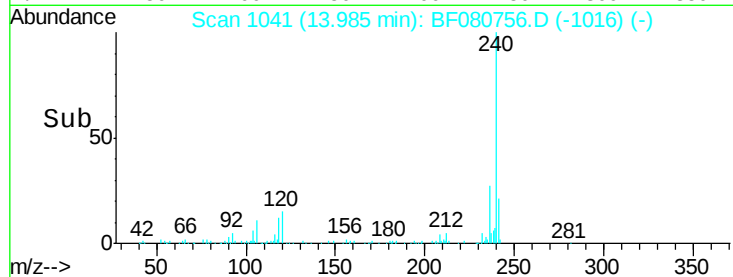
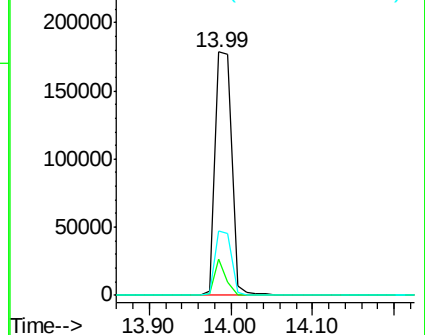
236 26.6 21.8 32.8



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: 61.59 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080756.D

Acq: 1 Aug 2015 2:34

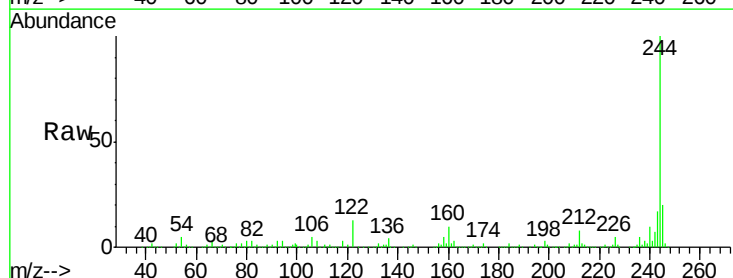
Tgt Ion:244 Resp: 832075

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

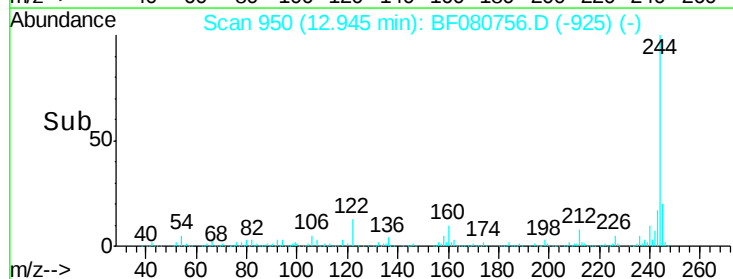
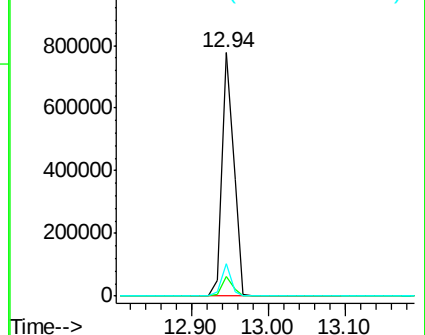
122 13.3 6.6 9.8#

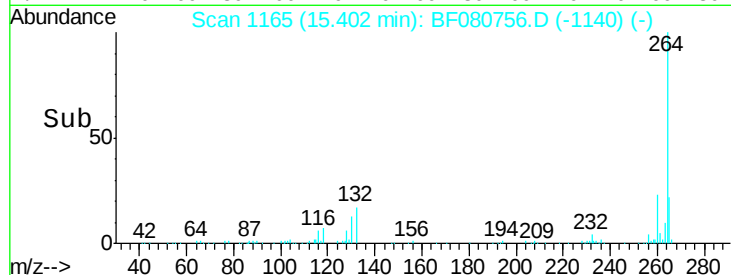
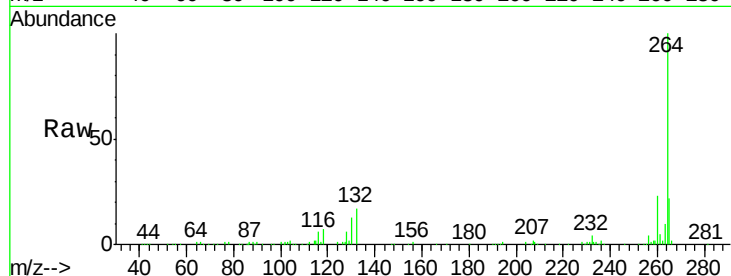
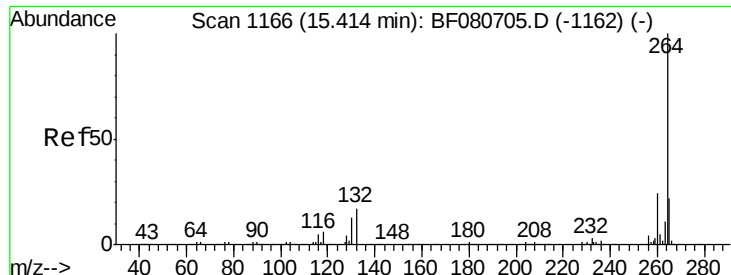


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080756.D
Acq: 1 Aug 2015 2:34

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-8(0-2)

Tgt Ion:	264	Resp:	240283
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.0
265	21.9	17.3	25.9

