

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080755.D
 Acq On : 1 Aug 2015 2:03
 Operator : TP/UM
 Sample : G3127-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-7(0-2)

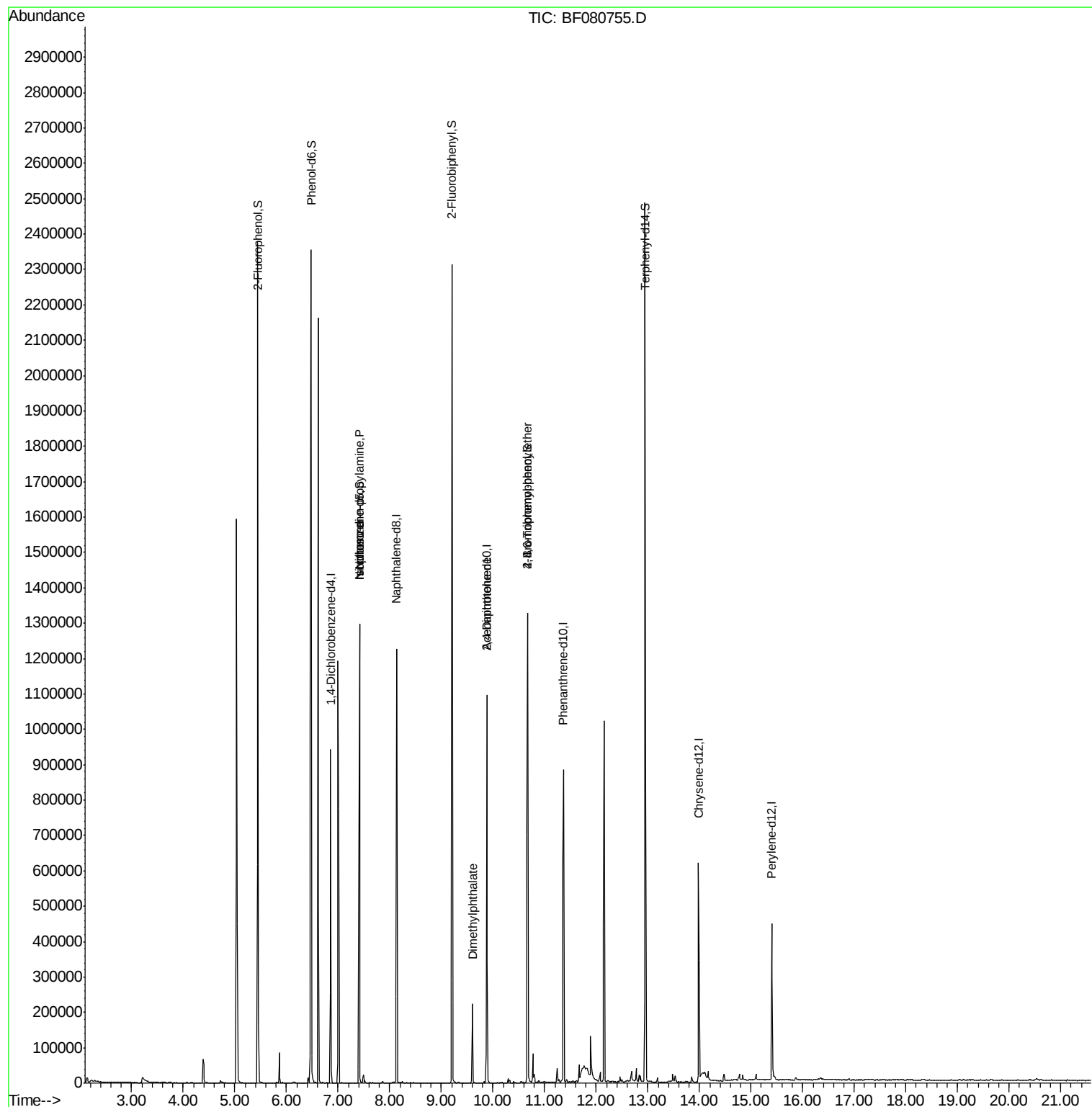
Quant Time: Aug 01 03:20:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

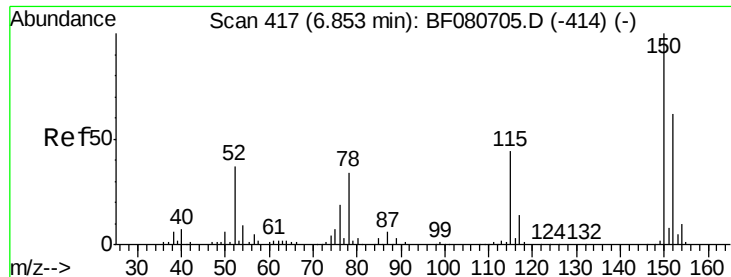
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127702	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476943	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	217364	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	414389	20.00	ng	0.00
75) Chrysene-d12	13.99	240	252405	20.00	ng	-0.01
86) Perylene-d12	15.40	264	235667	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	514224	69.08	ng	0.00
7) Phenol-d6	6.48	99	771017	76.08	ng	-0.01
23) Nitrobenzene-d5	7.41	82	466474	47.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	191474	84.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	639494	43.89	ng	-0.01
78) Terphenyl-d14	12.95	244	796245	59.66	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1230	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	61803	9.06 ng	#	70
25) Isophorone	7.41	82	457864	26.14 ng	#	71
49) Dimethylphthalate	9.61	163	122490	8.00 ng	#	97
56) 2,4-Dinitrotoluene	9.88	165	27078	6.35 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	11563	2.70 ng	#	1

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

Instrument :
BNA_F
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COFF-3RD-7(0-2)

Quant Time: Aug 01 03:20:18 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-7(0-2)

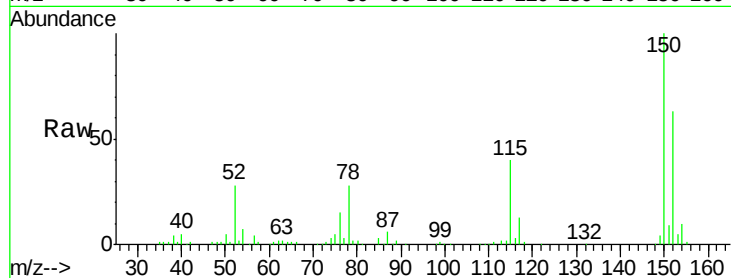
Tgt Ion:152 Resp: 127702

Ion Ratio Lower Upper

152 100

150 158.2 129.6 194.4

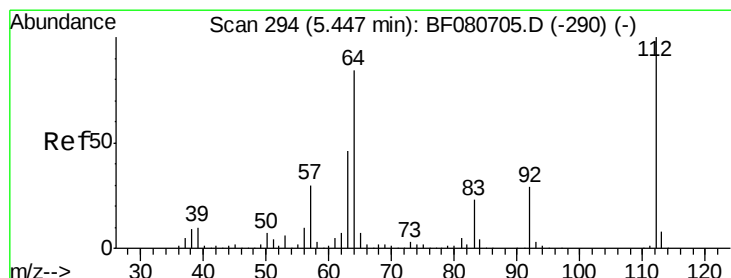
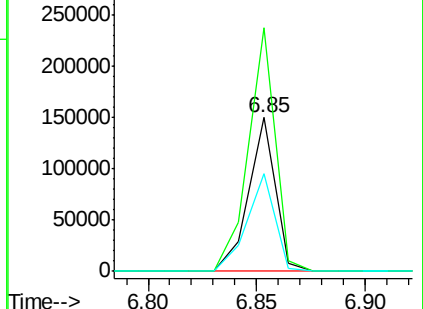
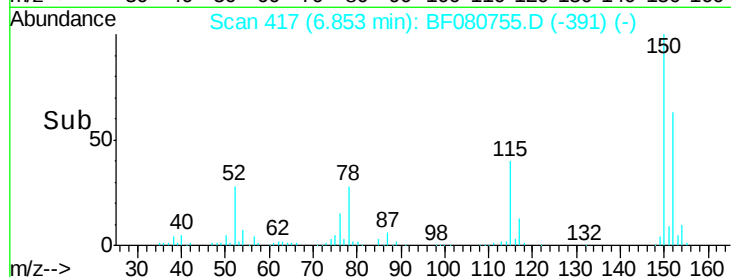
115 63.2 56.6 85.0



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: 69.08 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

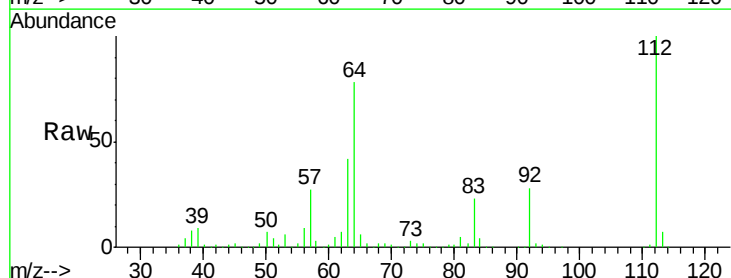
Tgt Ion:112 Resp: 514224

Ion Ratio Lower Upper

112 100

64 78.2 66.8 100.2

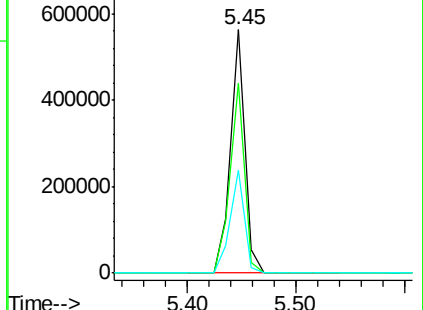
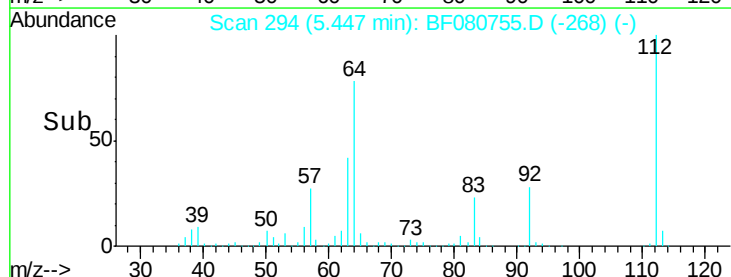
63 42.4 36.7 55.1

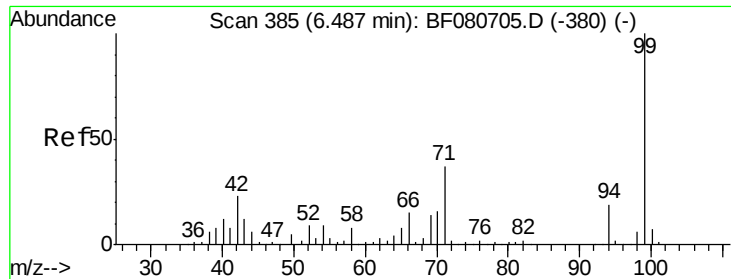


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.08 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-7(0-2)

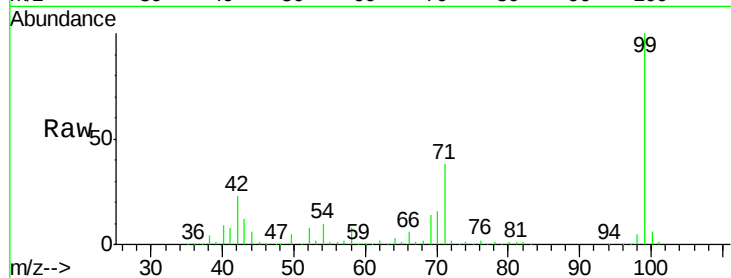
Tgt Ion: 99 Resp: 771017

Ion Ratio Lower Upper

99 100

42 23.1 18.2 27.2

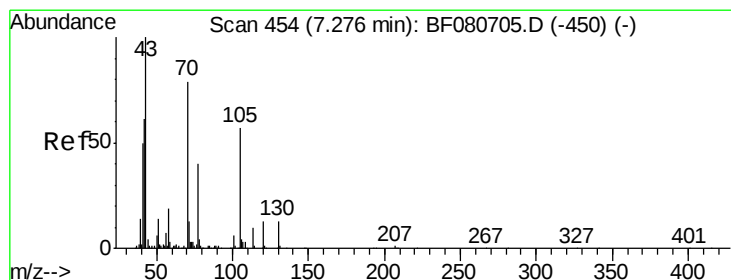
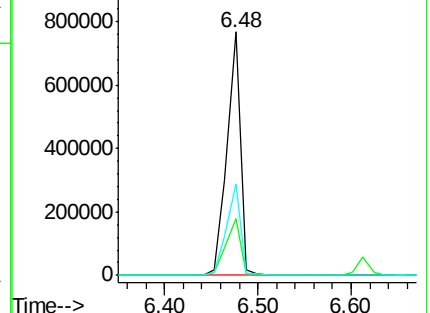
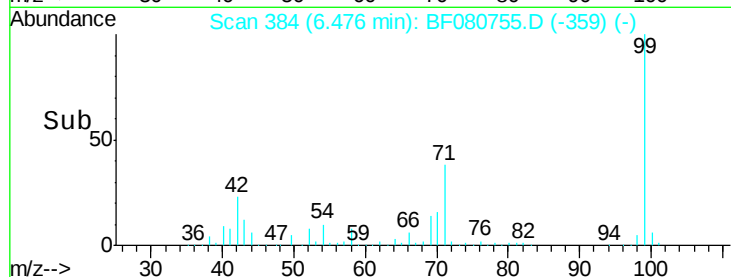
71 37.6 29.5 44.3



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: 9.06 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Tgt Ion: 70 Resp: 61803

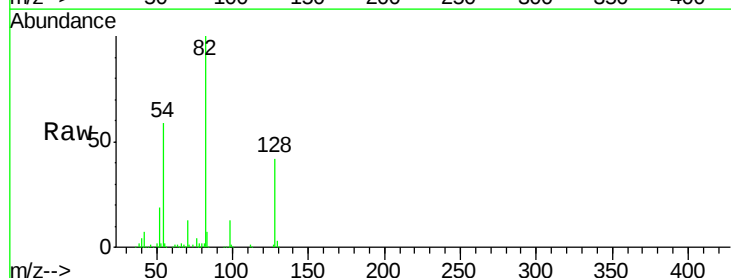
Ion Ratio Lower Upper

70 100

42 50.8 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

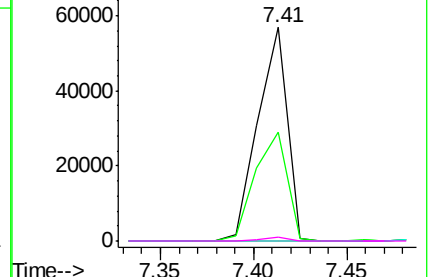
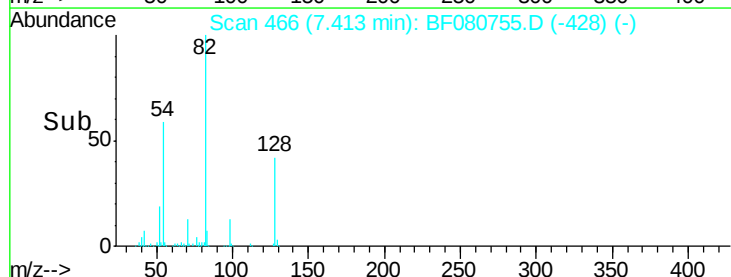


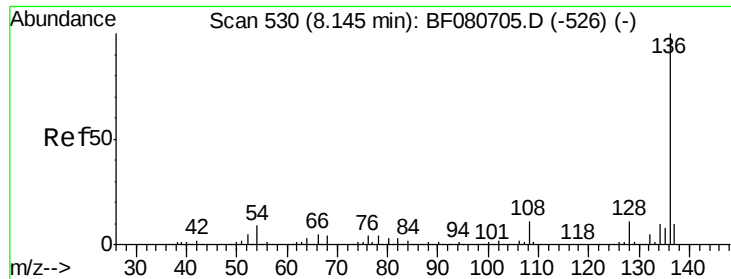
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

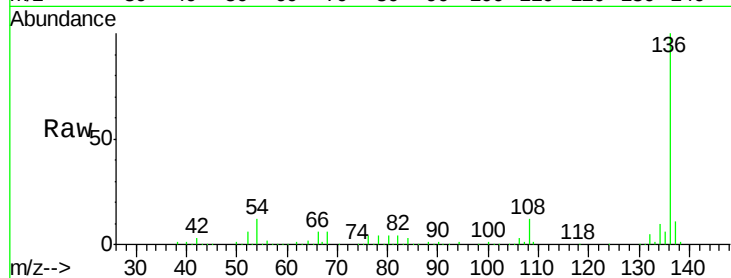




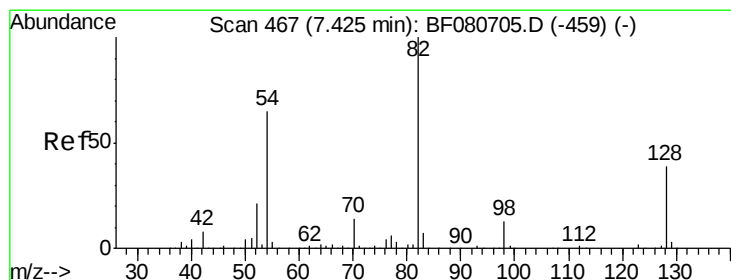
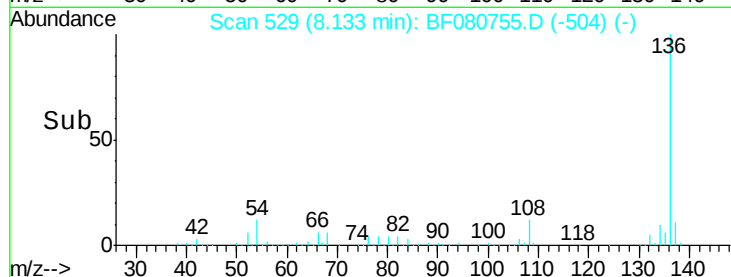
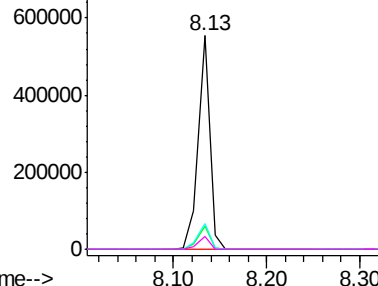
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080755.D
Acq: 1 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-7(0-2)

Tgt Ion:	136	Resp:	476943
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	12.1	6.9	10.3#
68	5.9	3.5	5.3#

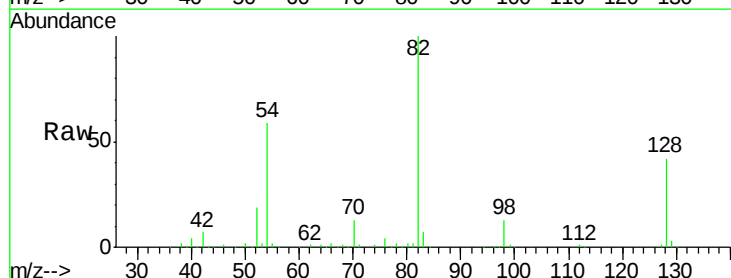


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

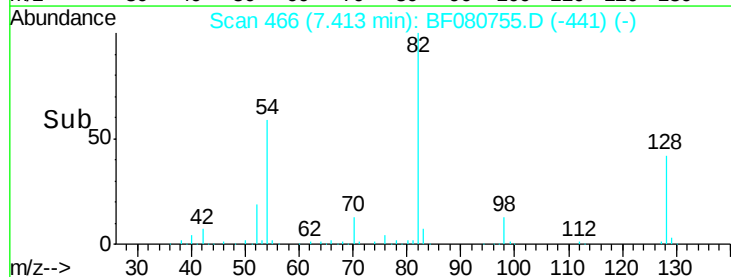
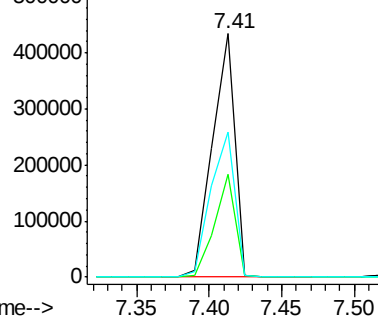


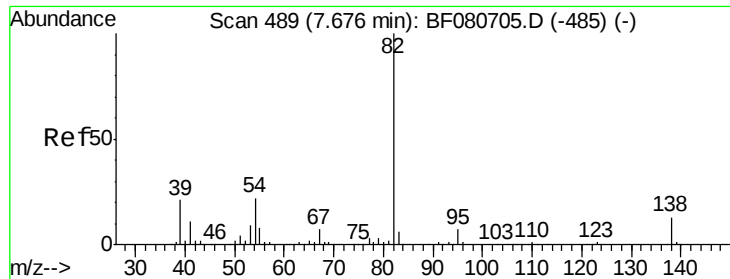
#23
Nitrobenzene-d5
Concen: 47.36 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080755.D
Acq: 1 Aug 2015 2:03

Tgt Ion:	82	Resp:	466474
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.5	47.3
54	59.4	51.8	77.8



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





#25

Isophorone

Concen: 26.14 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-7(0-2)

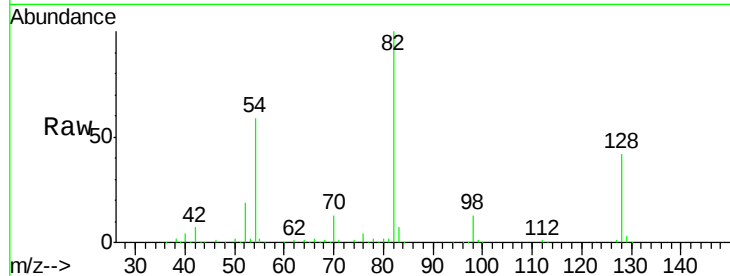
Tgt Ion: 82 Resp: 457864

Ion Ratio Lower Upper

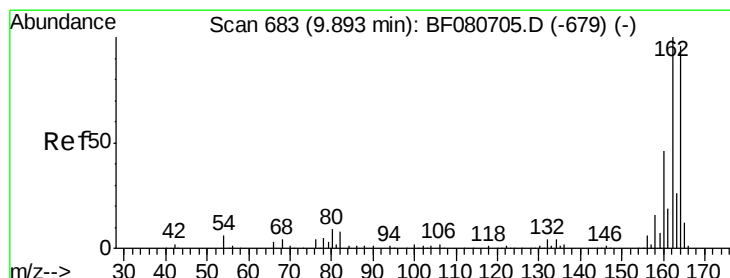
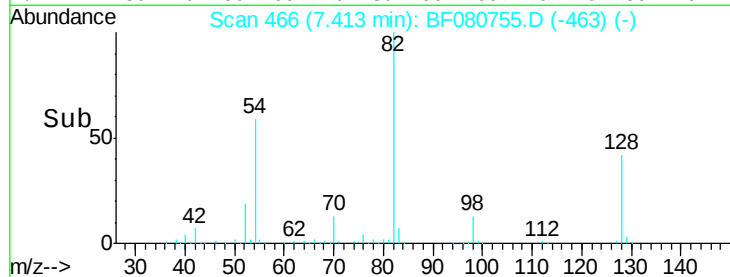
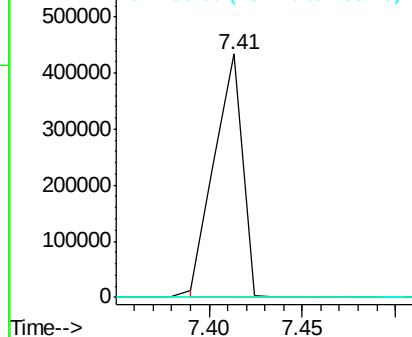
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

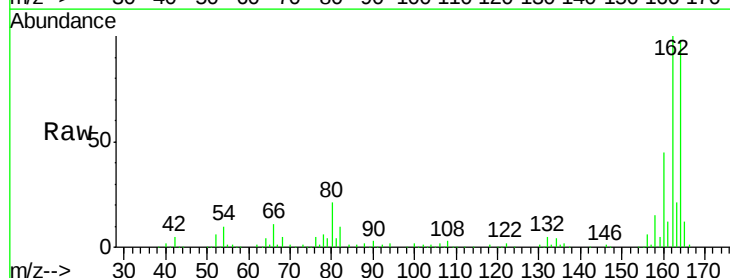
Tgt Ion: 164 Resp: 217364

Ion Ratio Lower Upper

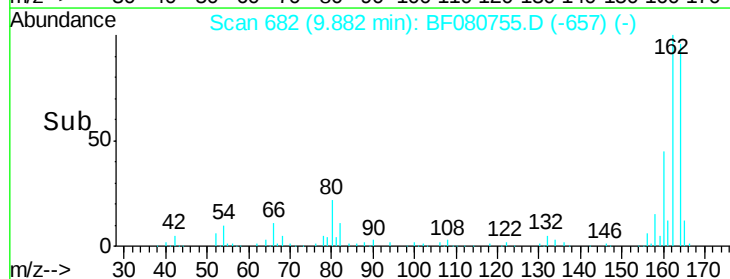
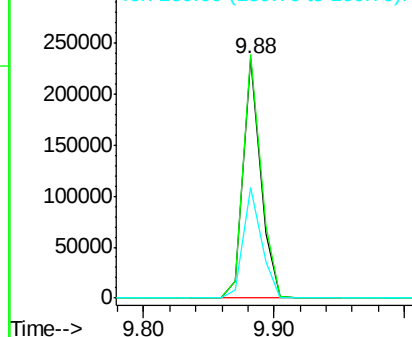
164 100

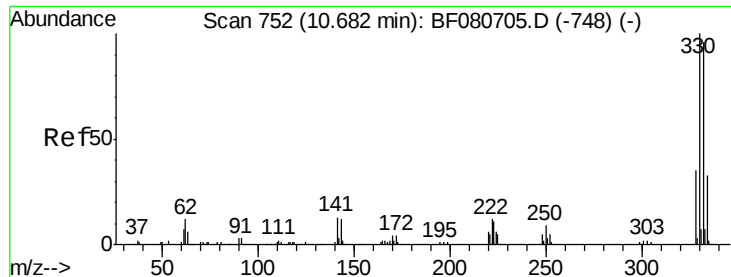
162 101.6 83.4 125.0

160 45.9 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

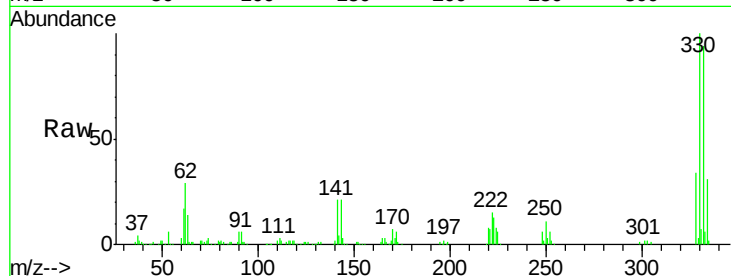




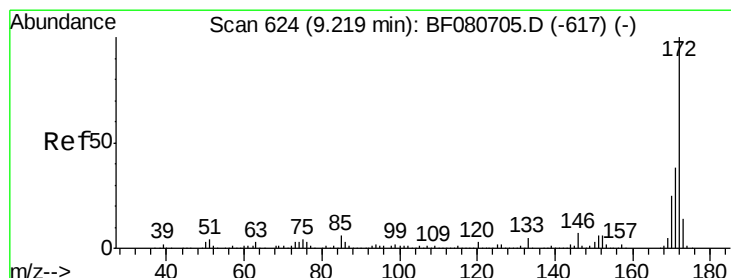
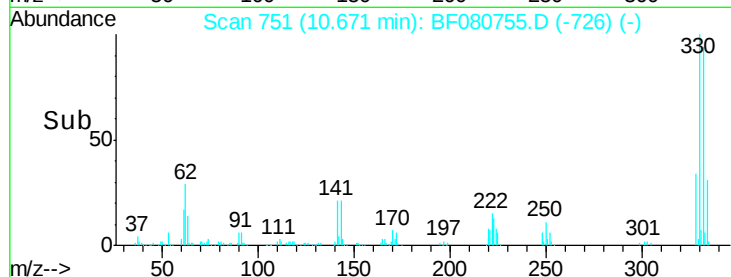
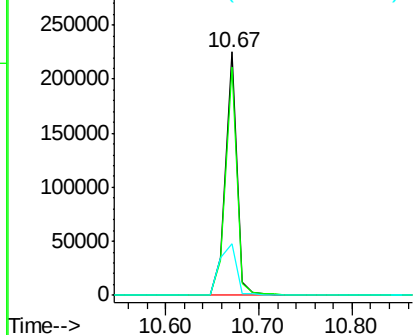
#41
 2,4,6-Tribromophenol
 Concen: 84.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080755.D
 Acq: 1 Aug 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-7(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	114.8
141	31.6	26.0	39.0

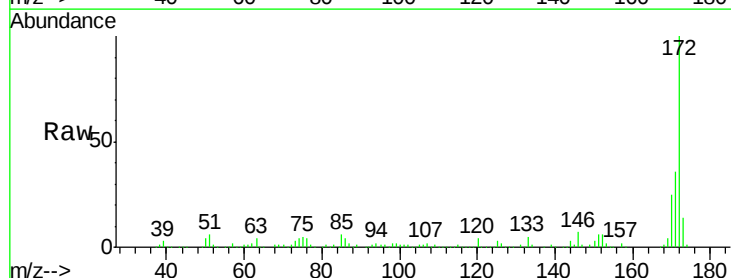


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

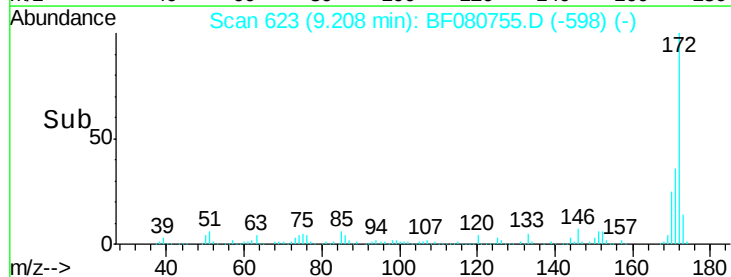
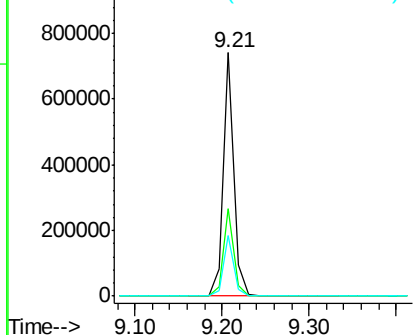


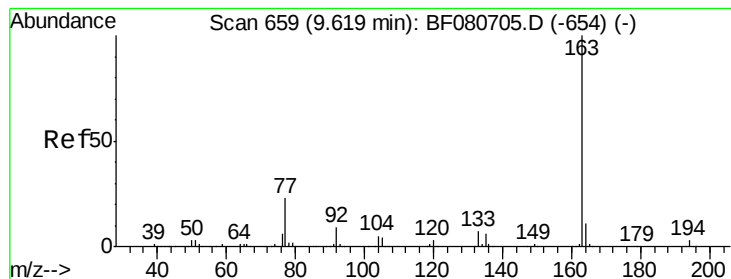
#44
 2-Fluorobiphenyl
 Concen: 43.89 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080755.D
 Acq: 1 Aug 2015 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.4
170	24.8	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: 8.00 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-7(0-2)

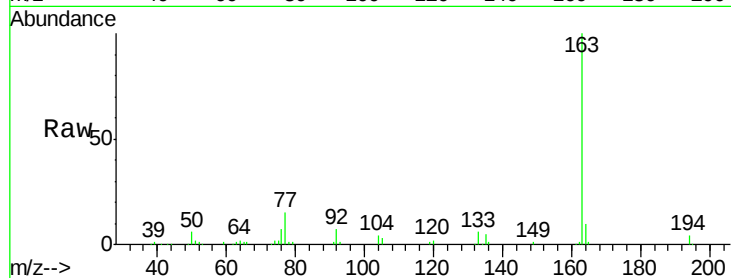
Tgt Ion:163 Resp: 122490

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

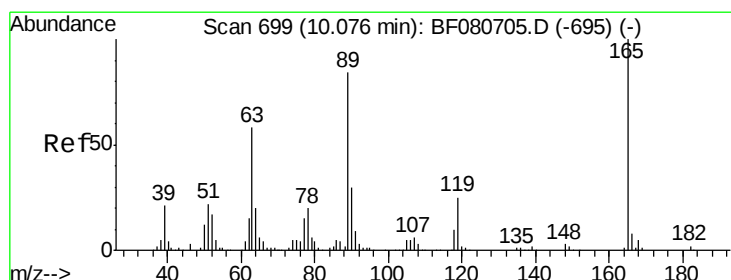
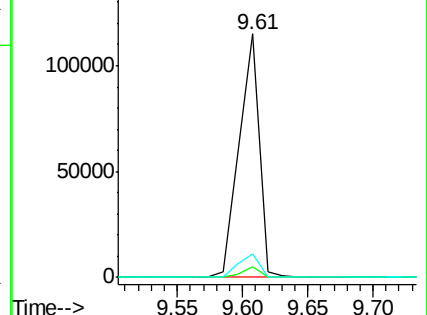
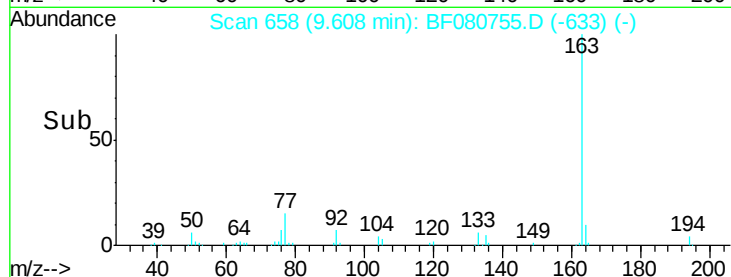
164 9.5 8.7 13.1



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: 6.35 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Tgt Ion:165 Resp: 27078

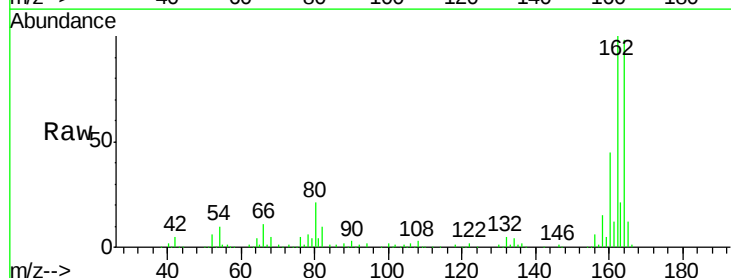
Ion Ratio Lower Upper

165 100

63 1.7 46.7 70.1#

89 1.6 67.4 101.2#

182 0.0 1.8 2.6#

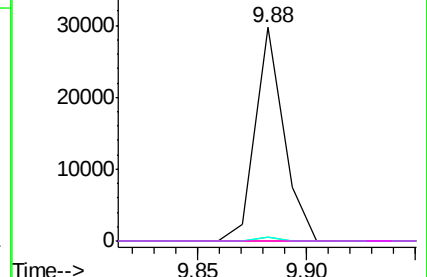
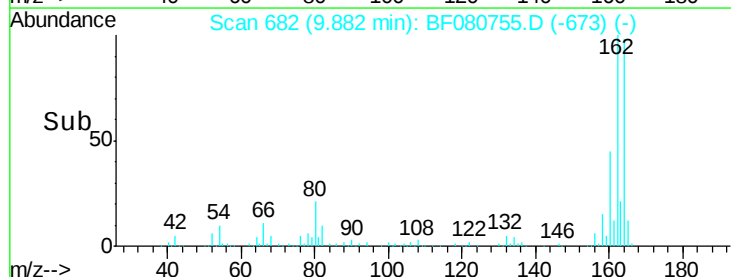


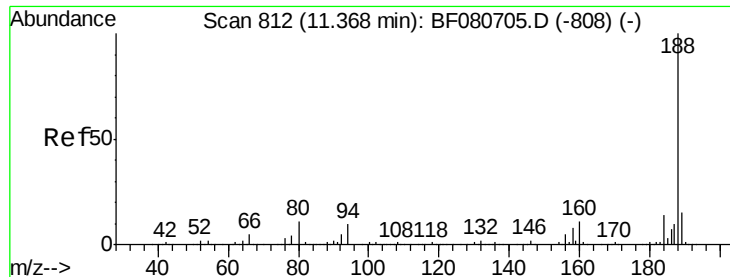
Abundance Ion 165.00 (164.70 to 165.70): E

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

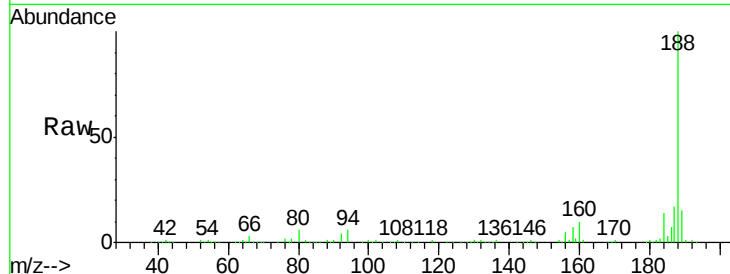




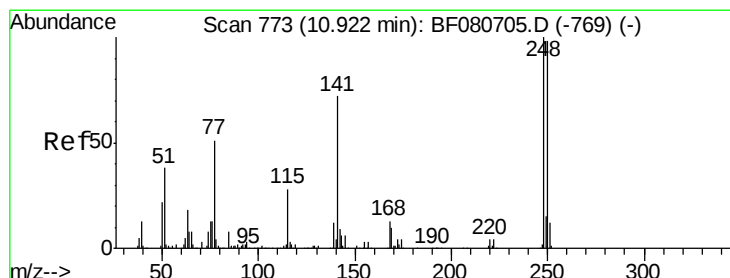
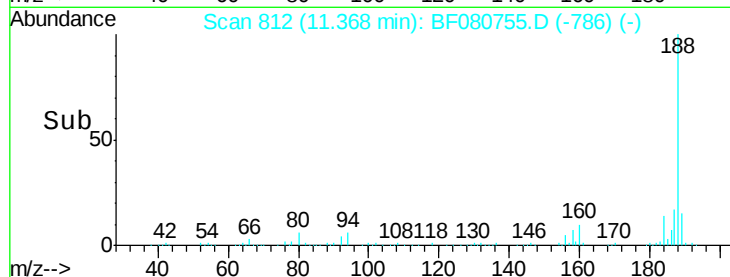
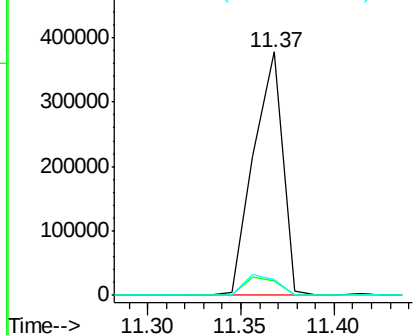
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080755.D
Acq: 1 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-7(0-2)

Tgt Ion:188 Resp: 414389
Ion Ratio Lower Upper
188 100
94 5.9 8.1 12.1#
80 6.4 9.1 13.7#

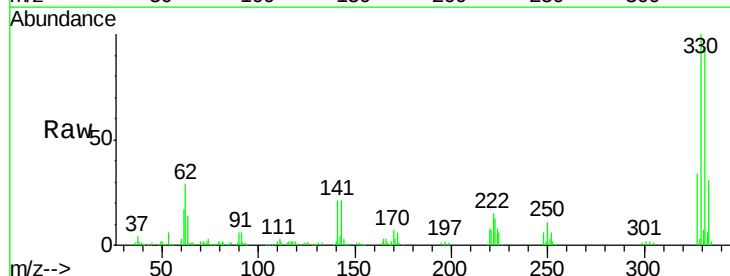


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

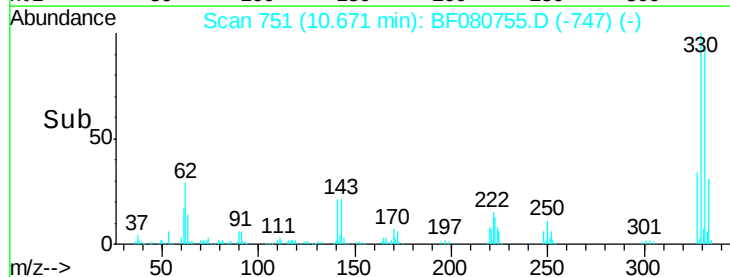
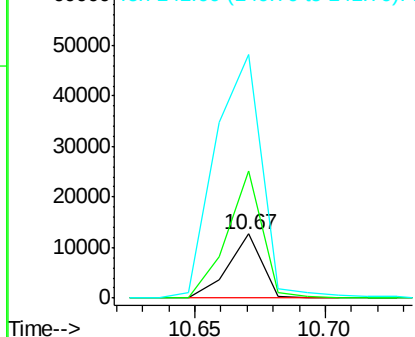


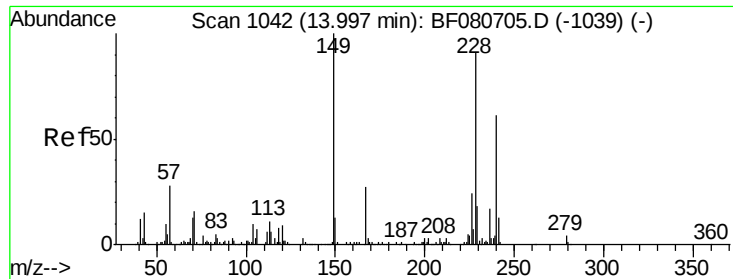
#66
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080755.D
Acq: 1 Aug 2015 2:03

Tgt Ion:248 Resp: 11563
Ion Ratio Lower Upper
248 100
250 197.0 78.4 117.6#
141 378.2 57.5 86.3#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-7(0-2)

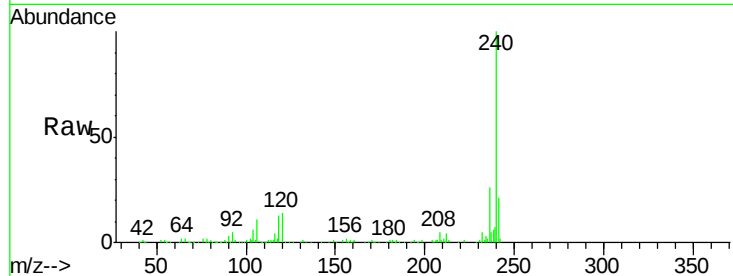
Tgt Ion:240 Resp: 252405

Ion Ratio Lower Upper

240 100

120 14.2 11.8 17.8

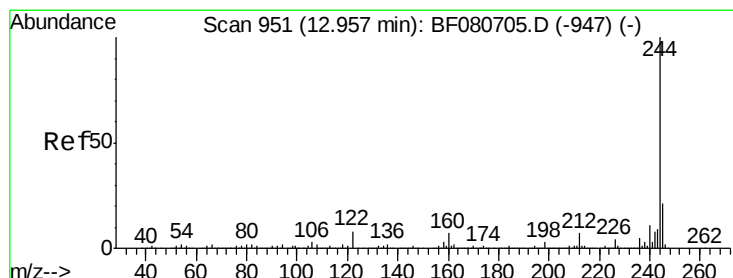
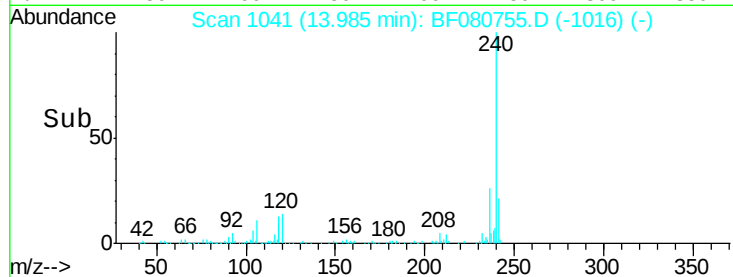
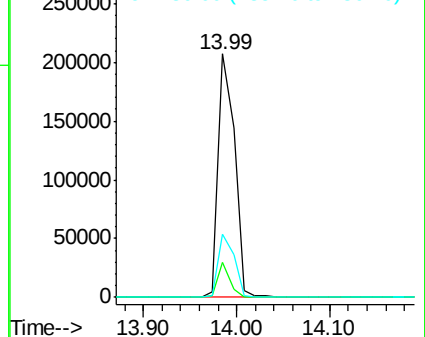
236 26.1 21.8 32.8



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: 59.66 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080755.D

Acq: 1 Aug 2015 2:03

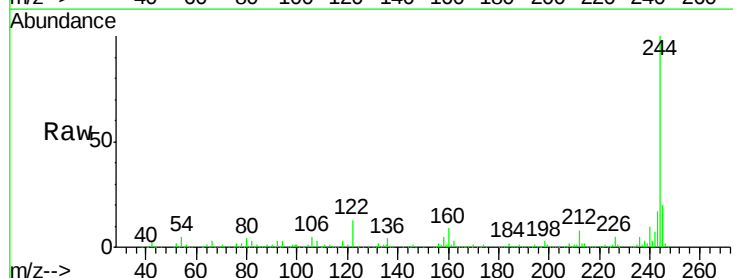
Tgt Ion:244 Resp: 796245

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

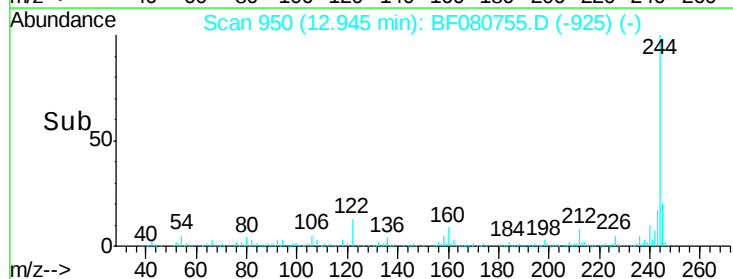
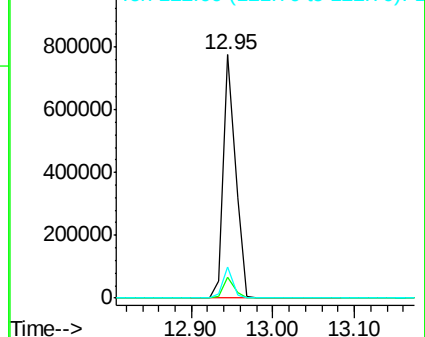
122 12.9 6.6 9.8#

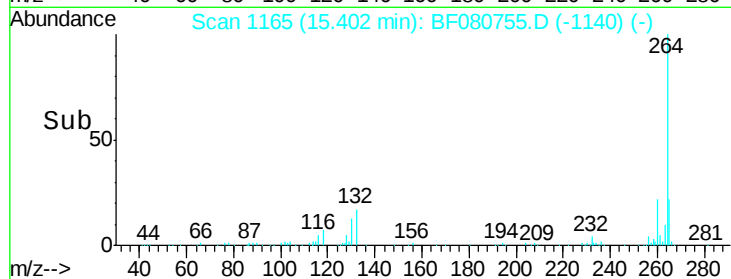
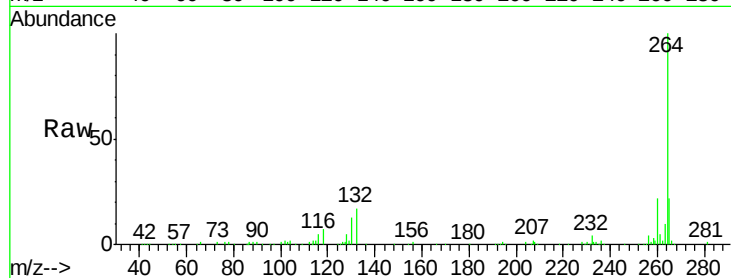
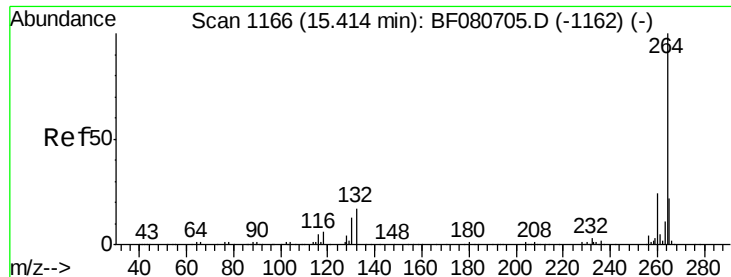


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080755.D
Acq: 1 Aug 2015 2:03

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-7(0-2)

Tgt Ion:	264	Resp:	235667
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.4	29.0
265	21.7	17.3	25.9

