

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080747.D
 Acq On : 31 Jul 2015 21:56
 Operator : TP/UM
 Sample : G3125-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-1(0-2)

Quant Time: Aug 01 01:55:53 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

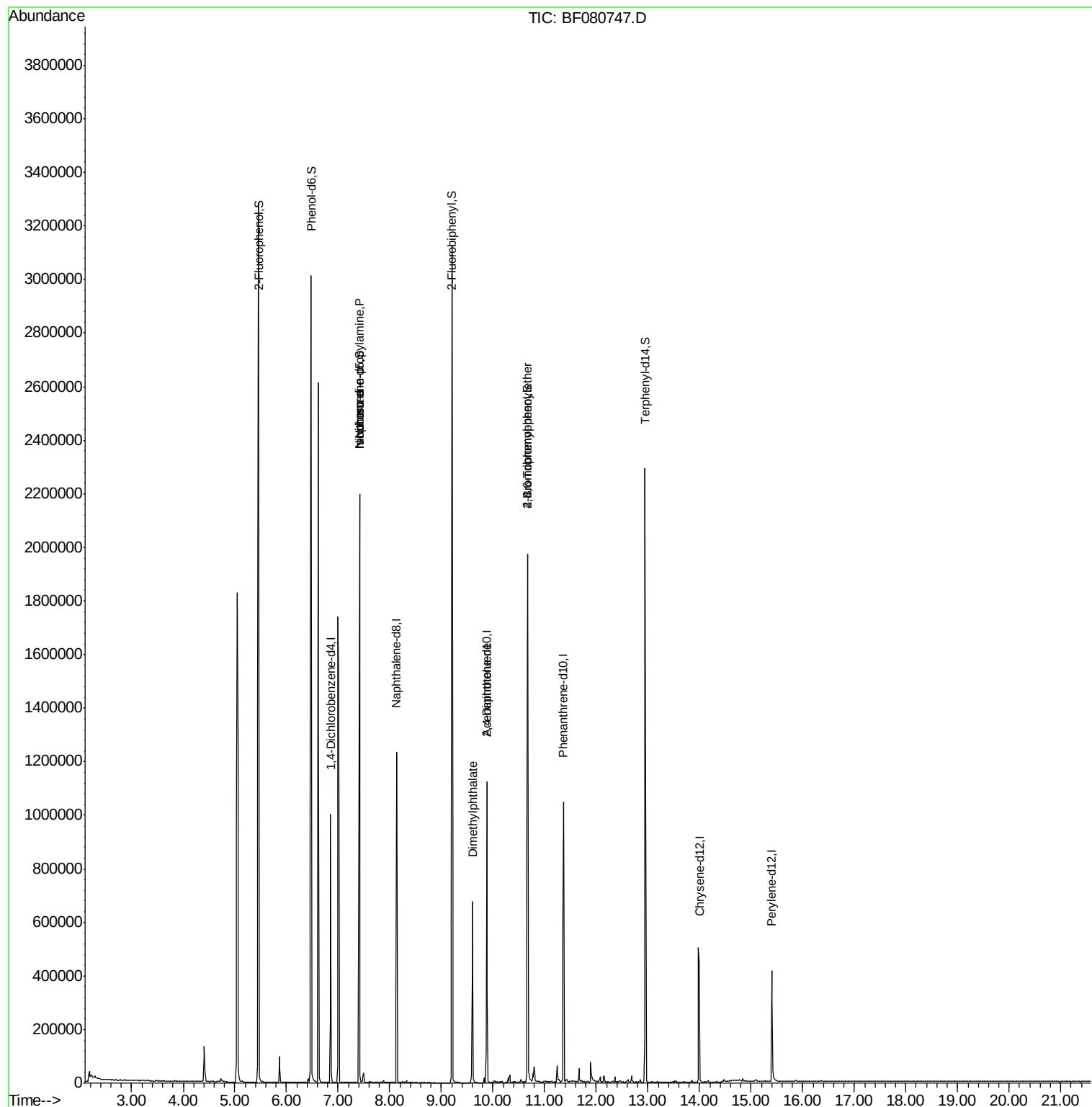
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131549	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	488305	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	221406	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	433445	20.00	ng	0.00
75) Chrysene-d12	14.00	240	253865	20.00	ng	0.00
86) Perylene-d12	15.40	264	233981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	765694	99.85	ng	0.01
7) Phenol-d6	6.48	99	935096	89.57	ng	-0.01
23) Nitrobenzene-d5	7.41	82	733454	72.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	245561	106.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1021389	68.82	ng	-0.01
78) Terphenyl-d14	12.94	244	810290	60.37	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1502	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	104566	14.87	ng	# 72
25) Isophorone	7.41	82	721225	40.22	ng	# 71
49) Dimethylphthalate	9.61	163	339057	21.73	ng	98
56) 2,4-Dinitrotoluene	9.88	165	28046	6.46	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	17020	3.80	ng	# 1

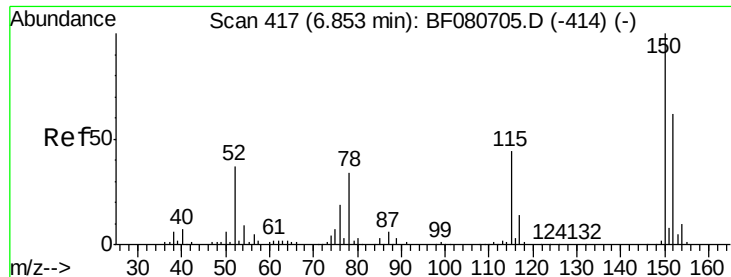
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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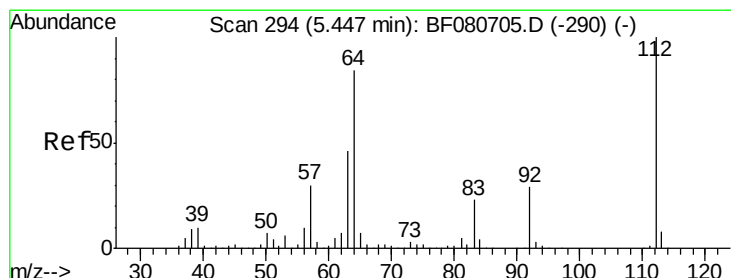
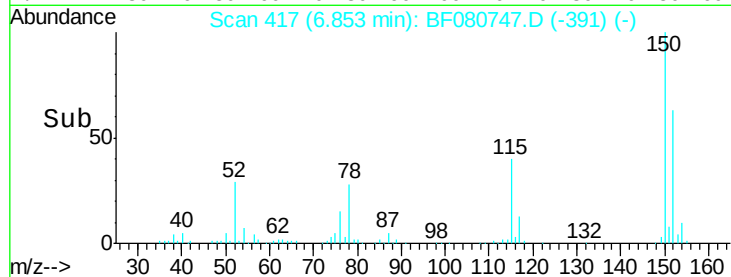
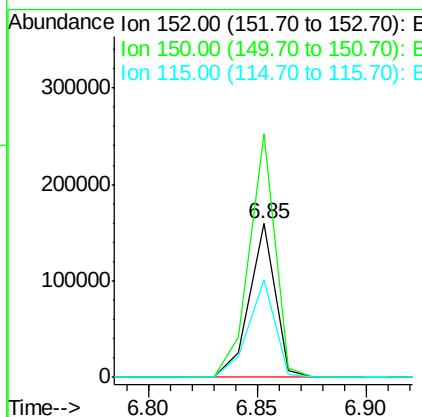
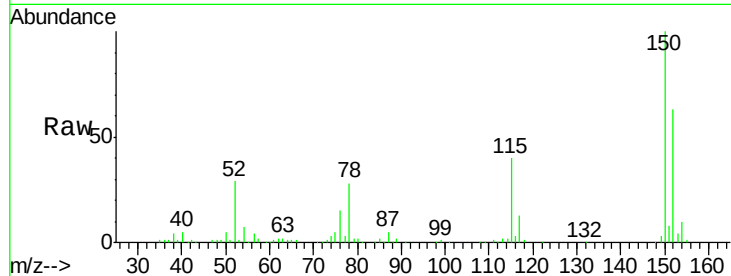




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

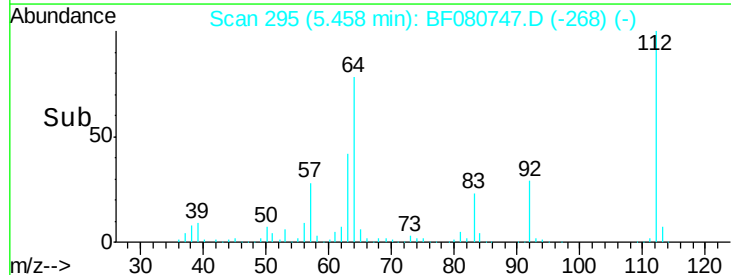
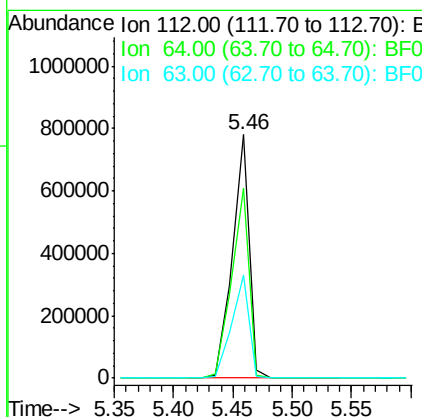
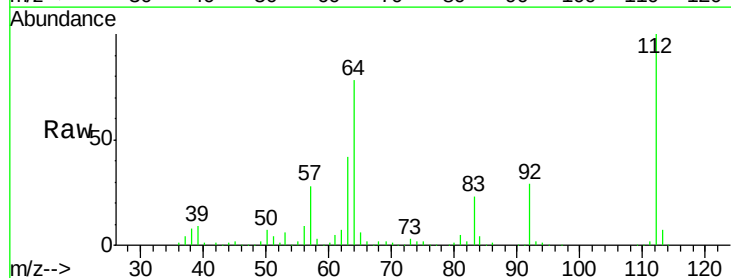
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-1(0-2)

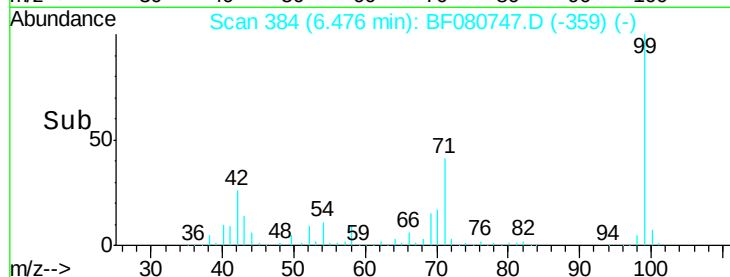
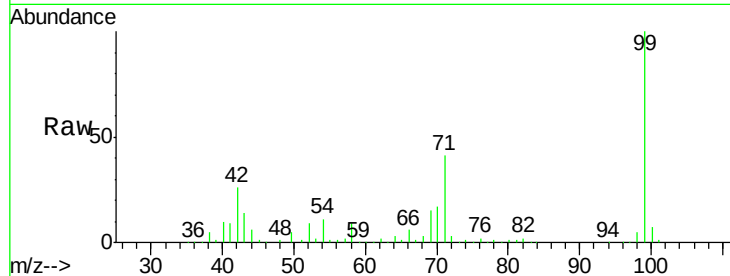
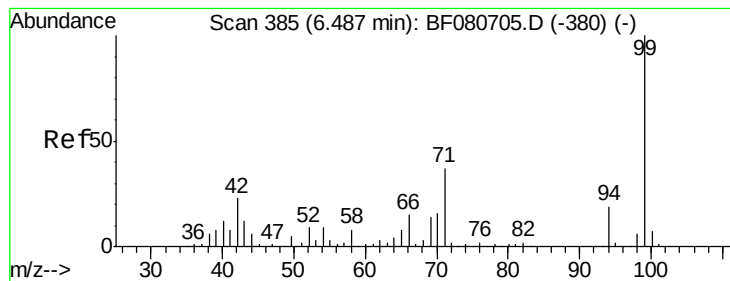
Tgt Ion:152 Resp: 131549
 Ion Ratio Lower Upper
 152 100
 150 158.6 129.6 194.4
 115 63.3 56.6 85.0



#5
 2-Fluorophenol
 Concen: 99.85 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

Tgt Ion:112 Resp: 765694
 Ion Ratio Lower Upper
 112 100
 64 77.8 66.8 100.2
 63 42.3 36.7 55.1





#7

Phenol-d6

Concen: 89.57 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080747.D

Acq: 31 Jul 2015 21:56

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-1(0-2)

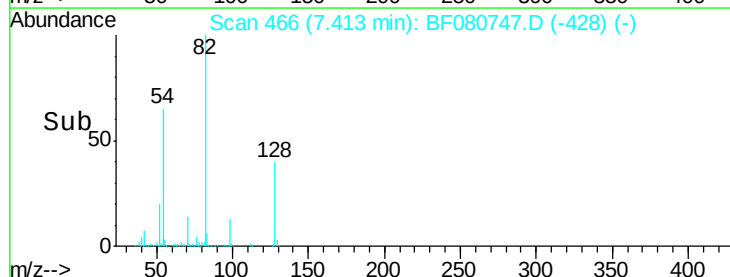
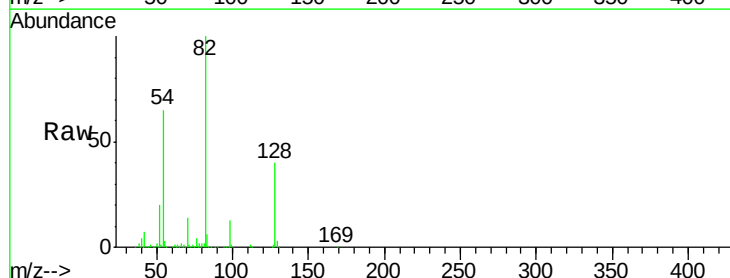
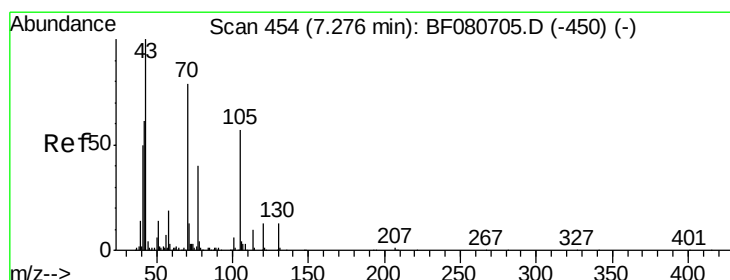
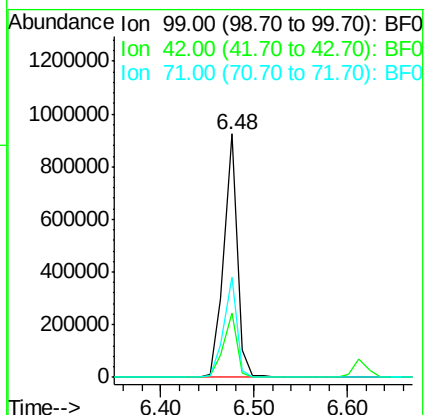
Tgt Ion: 99 Resp: 935096

Ion Ratio Lower Upper

99 100

42 26.4 18.2 27.2

71 41.3 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.87 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080747.D

Acq: 31 Jul 2015 21:56

Tgt Ion: 70 Resp: 104566

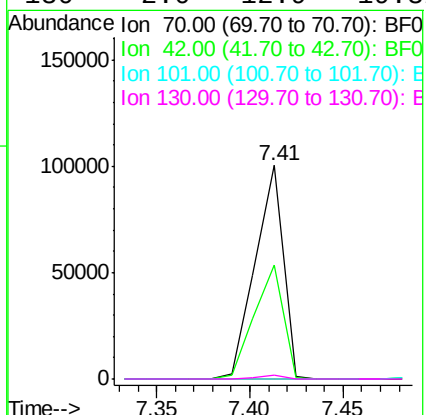
Ion Ratio Lower Upper

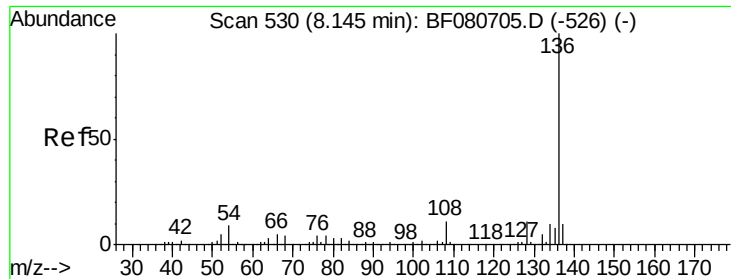
70 100

42 53.4 61.8 92.6#

101 0.0 6.1 9.1#

130 2.0 12.9 19.3#

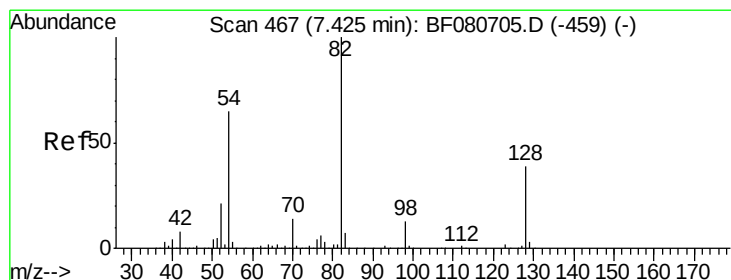
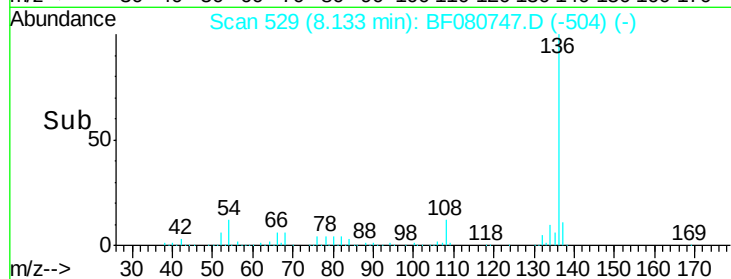
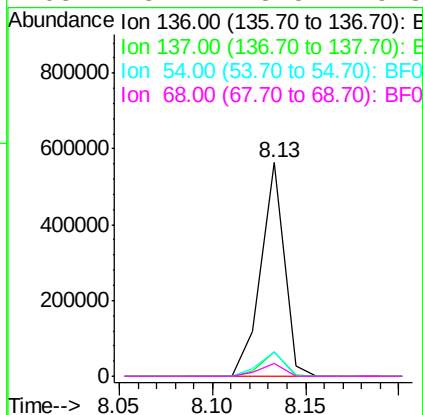
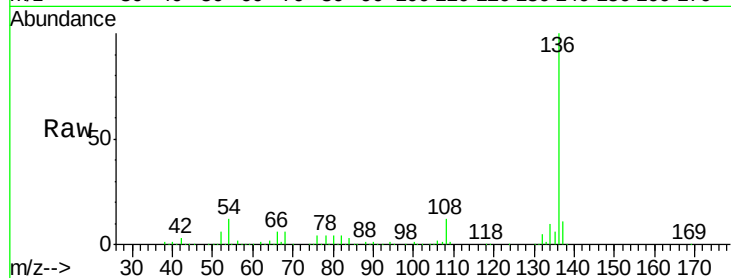




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

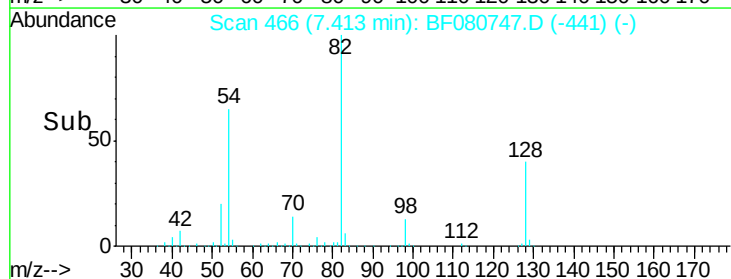
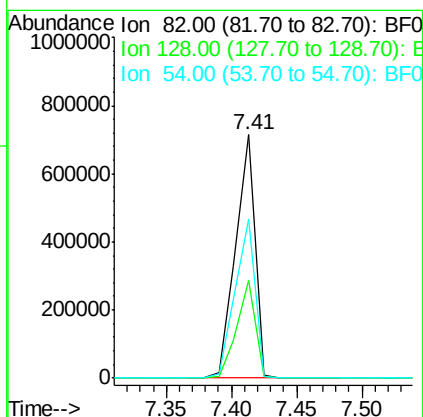
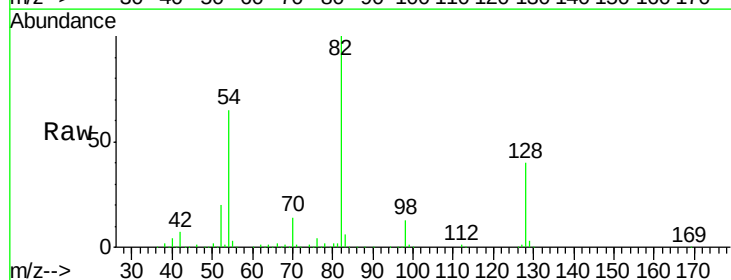
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-1(0-2)

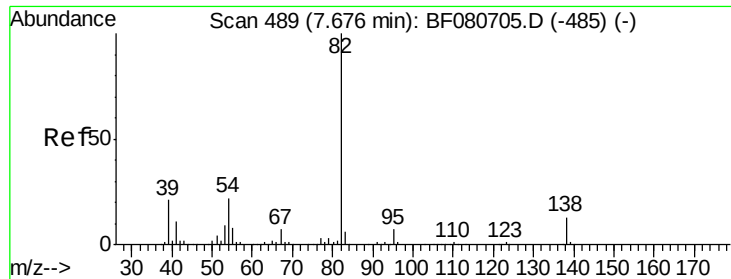
Tgt Ion:	136	Resp:	488305
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.5	6.9	10.3#
68	5.7	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 72.74 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

Tgt Ion:	82	Resp:	733454
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.5	47.3
54	65.1	51.8	77.8

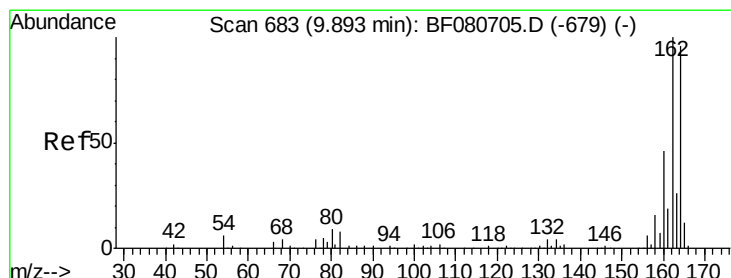
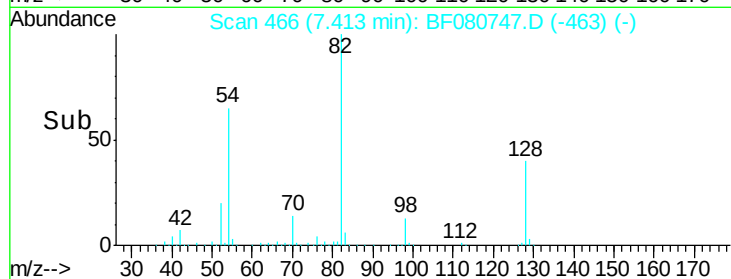
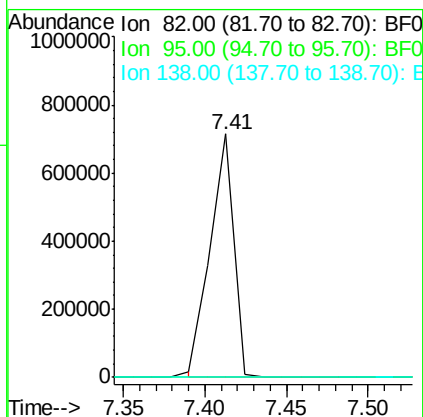
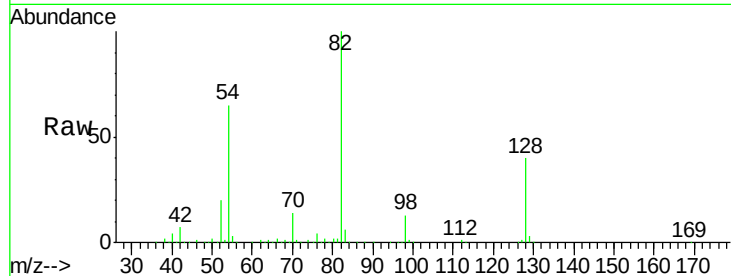




#25
Isophorone
Concen: 40.22 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

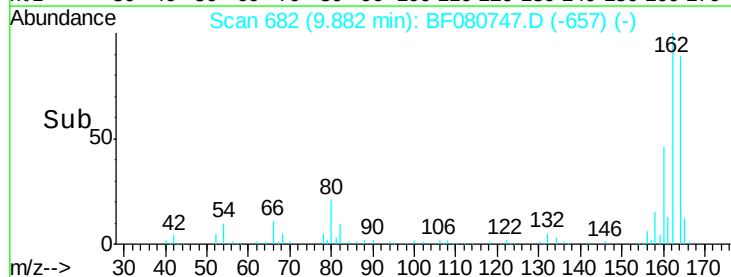
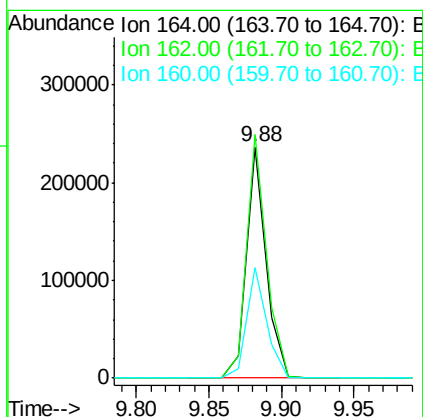
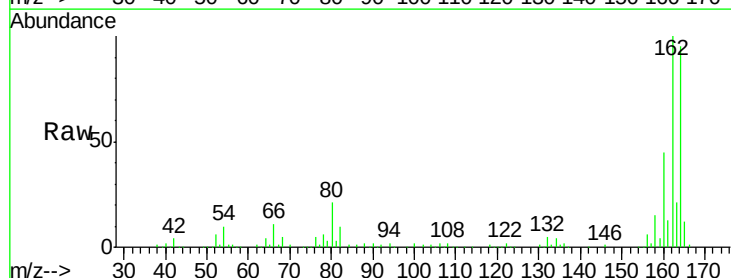
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-1(0-2)

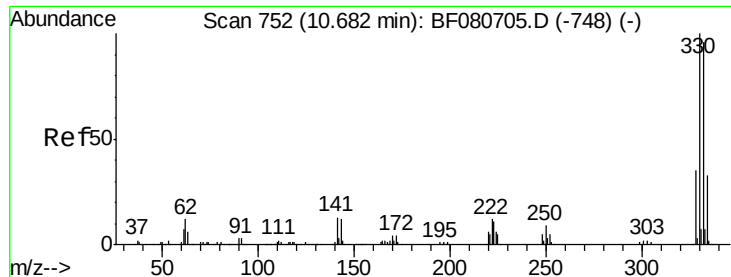
Tgt Ion: 82 Resp: 721225
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 10.7 16.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

Tgt Ion: 164 Resp: 221406
Ion Ratio Lower Upper
164 100
162 105.3 83.4 125.0
160 47.8 38.0 57.0

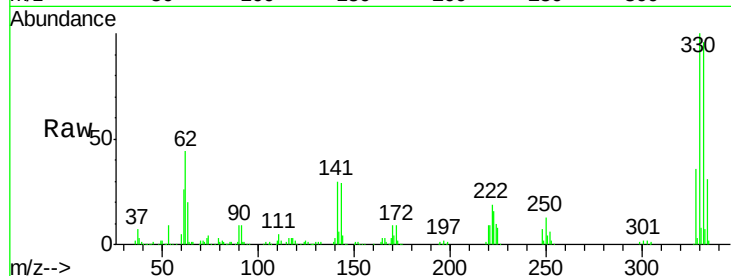




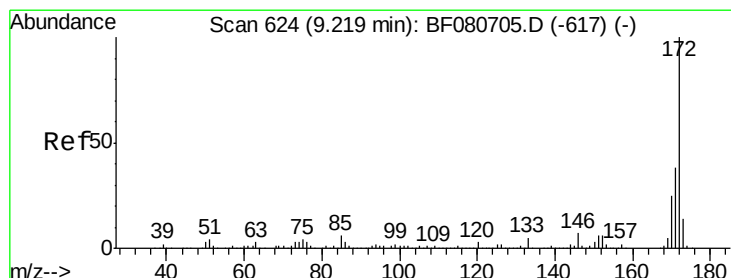
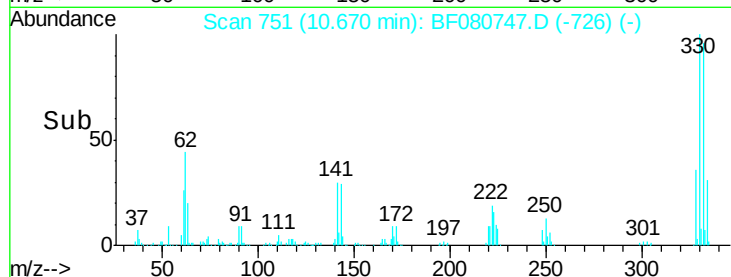
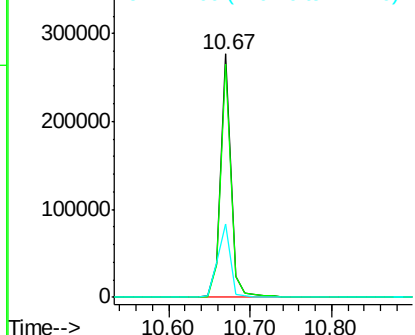
#41
 2,4,6-Tribromophenol
 Concen: 106.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-1(0-2)

Tgt Ion:330 Resp: 245561
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 37.2 26.0 39.0

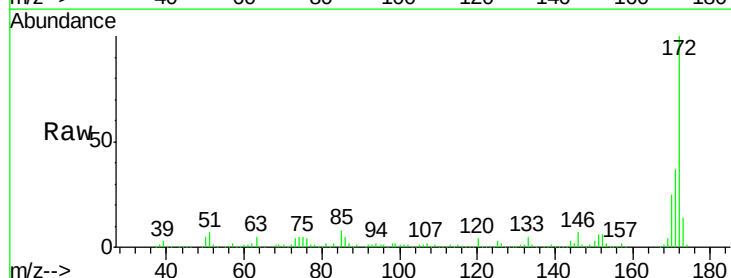


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

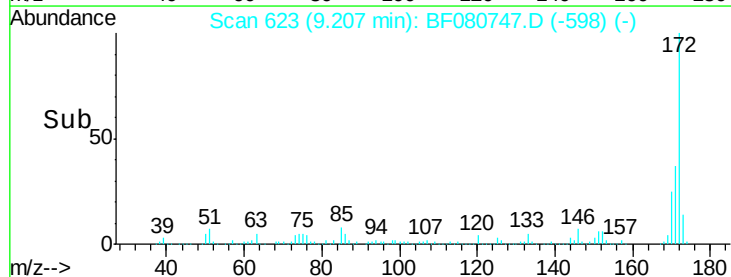
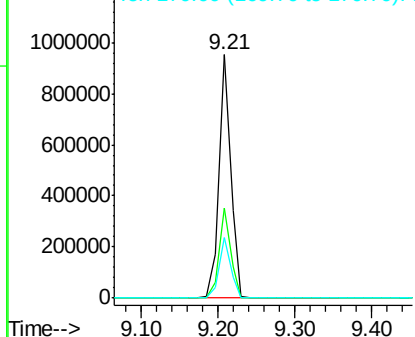


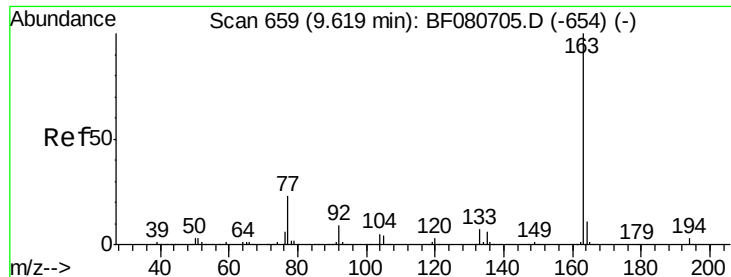
#44
 2-Fluorobiphenyl
 Concen: 68.82 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

Tgt Ion:172 Resp: 1021389
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.2 45.4
 170 25.0 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

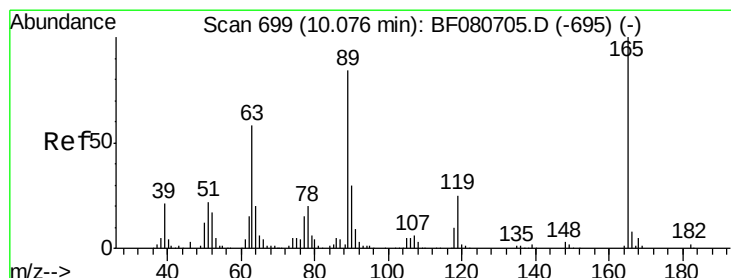
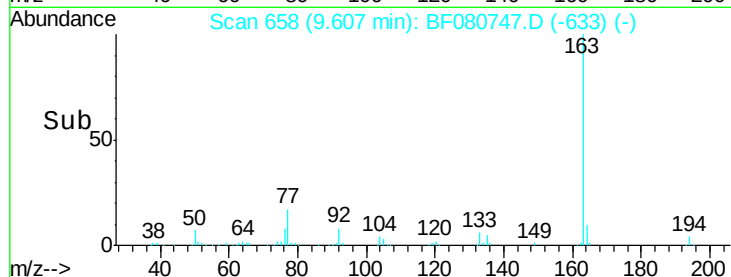
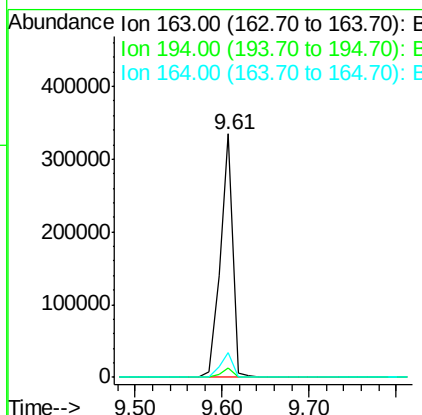
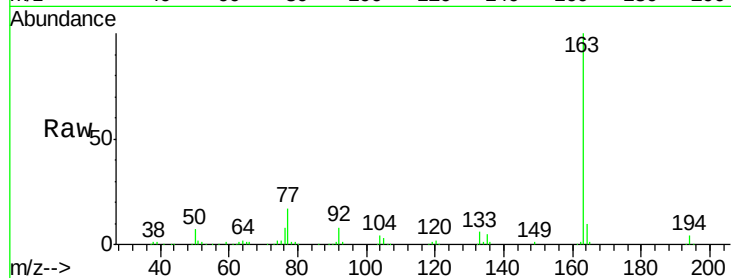




#49
Dimethylphthalate
Concen: 21.73 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

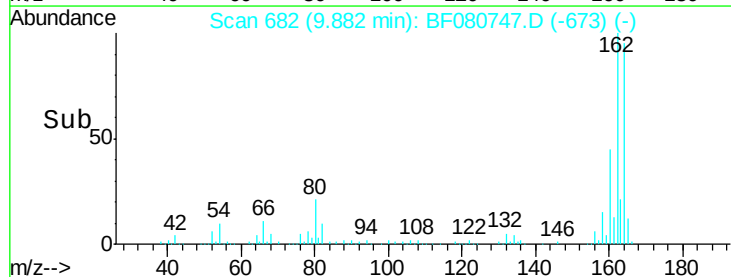
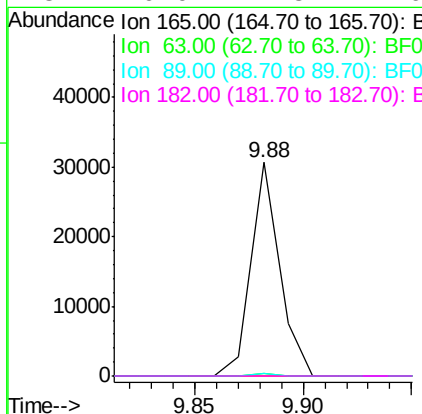
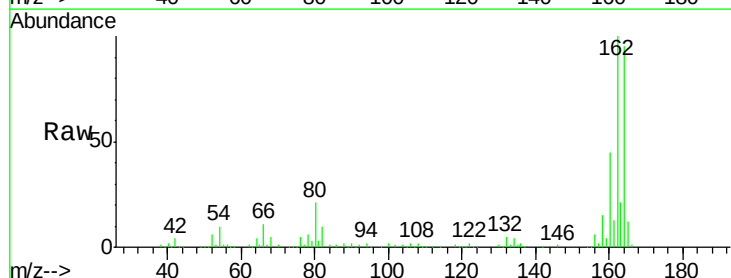
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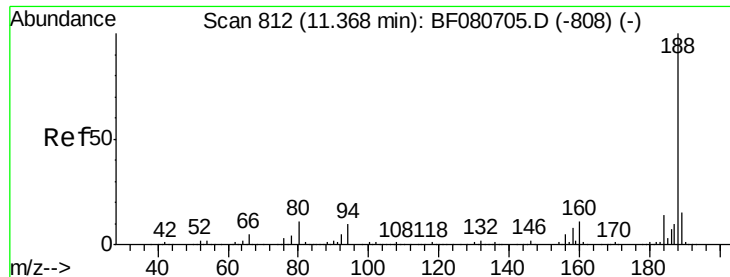
Tgt Ion:163 Resp: 339057
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080747.D
Acq: 31 Jul 2015 21:56

Tgt Ion:165 Resp: 28046
Ion Ratio Lower Upper
165 100
63 1.0 46.7 70.1#
89 1.4 67.4 101.2#
182 0.0 1.8 2.6#

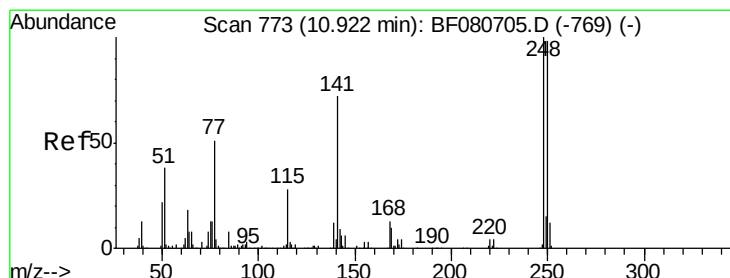
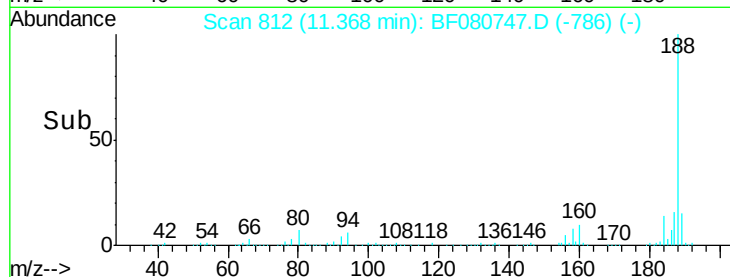
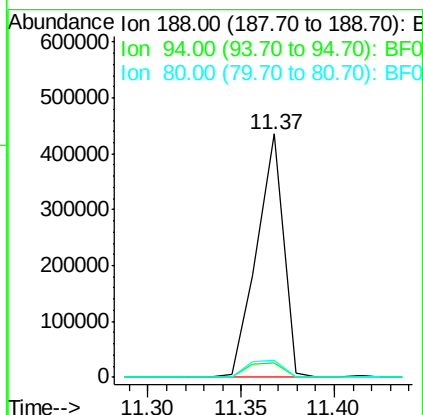
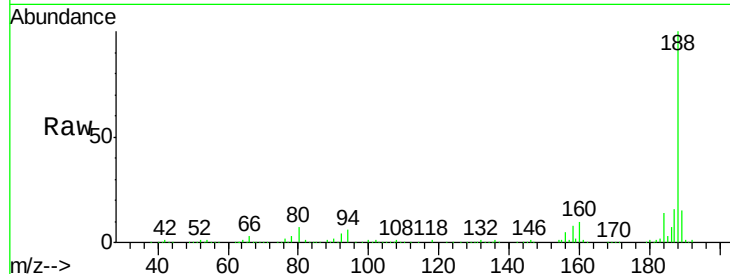




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

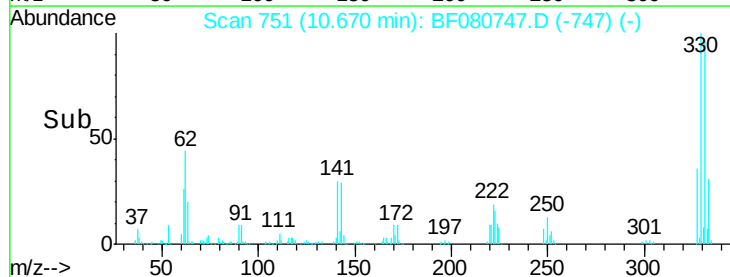
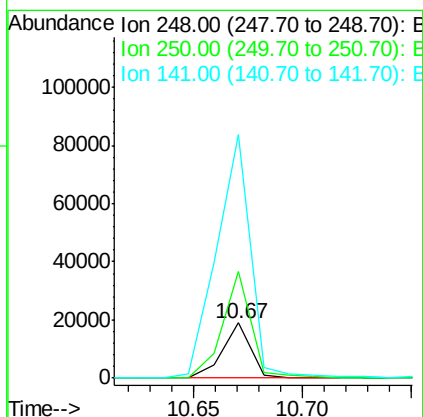
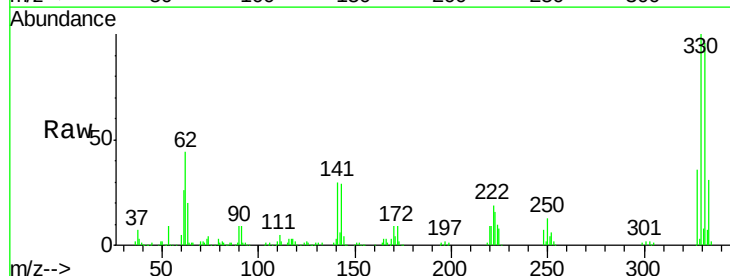
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-1(0-2)

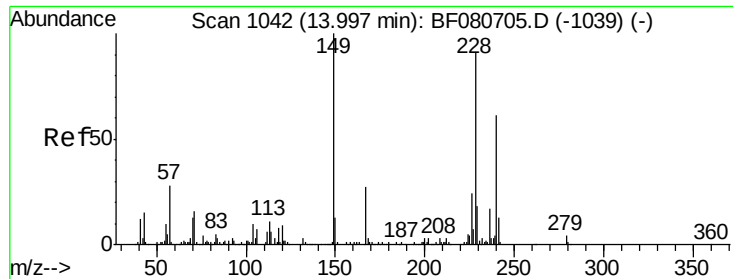
Tgt Ion:188 Resp: 433445
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.1 12.1#
 80 7.0 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080747.D
 Acq: 31 Jul 2015 21:56

Tgt Ion:248 Resp: 17020
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.4 117.6#
 141 443.5 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080747.D

Acq: 31 Jul 2015 21:56

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-1(0-2)

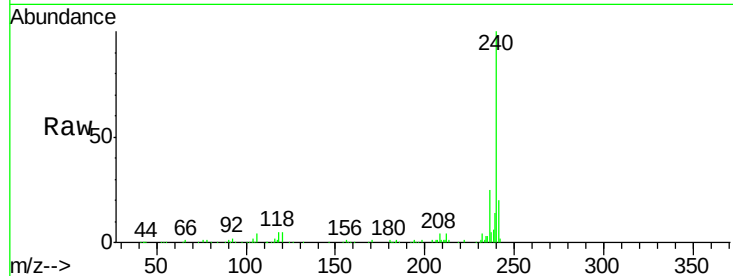
Tgt Ion:240 Resp: 253865

Ion Ratio Lower Upper

240 100

120 5.1 11.8 17.8#

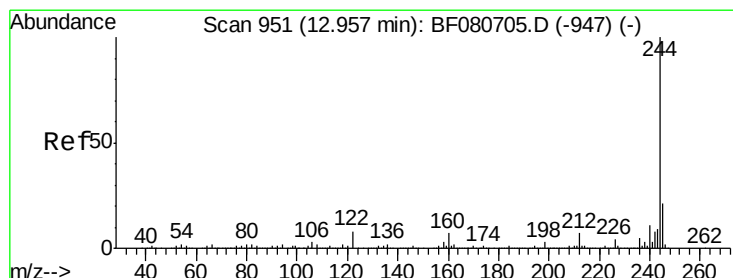
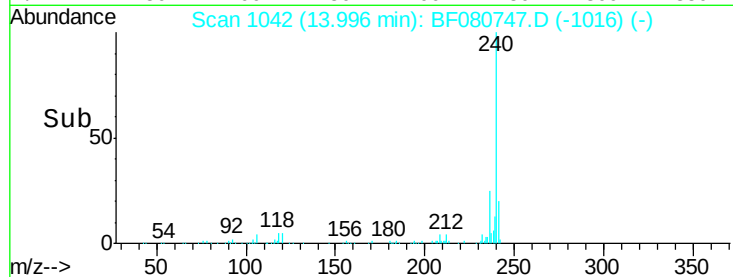
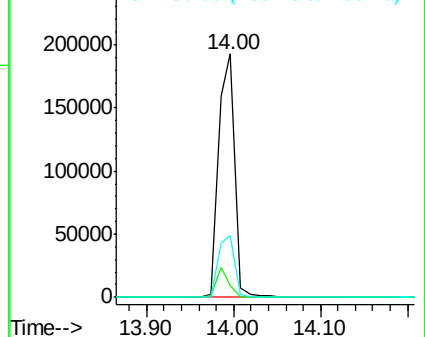
236 25.3 21.8 32.8



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: 60.37 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080747.D

Acq: 31 Jul 2015 21:56

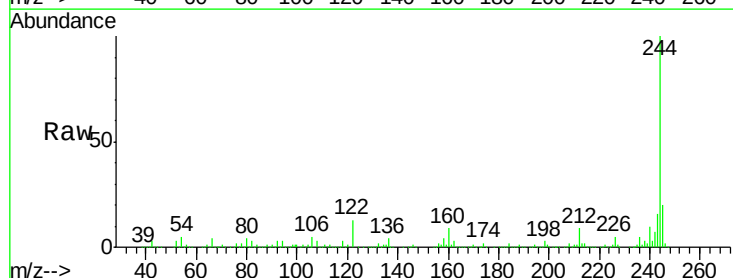
Tgt Ion:244 Resp: 810290

Ion Ratio Lower Upper

244 100

212 8.6 5.9 8.9

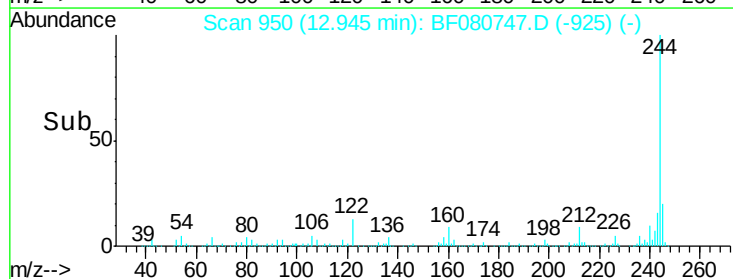
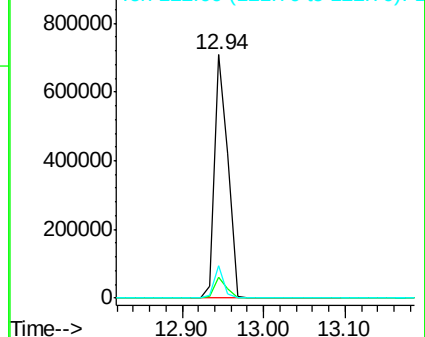
122 13.2 6.6 9.8#

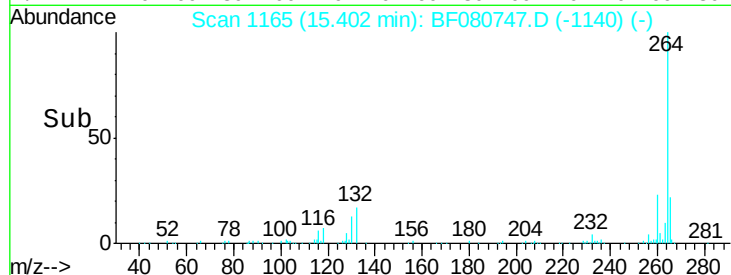
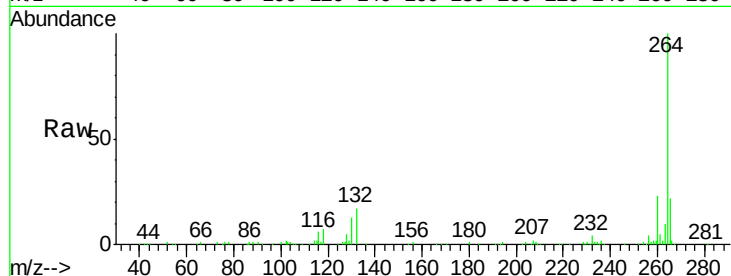
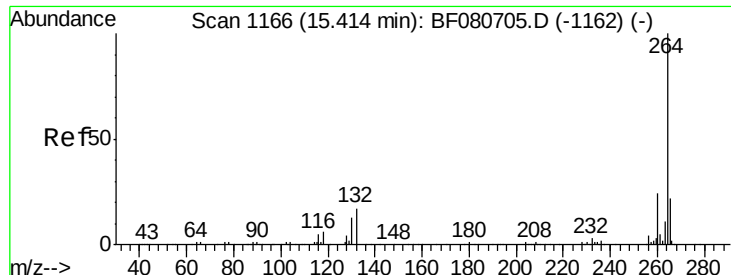


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080747.D
Acq: 31 Jul 2015 21:56

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-1(0-2)

Tgt Ion:	264	Resp:	233981
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.0	17.3	25.9

