

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080751.D
 Acq On : 1 Aug 2015 00:00
 Operator : TP/UM
 Sample : G3125-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Aug 01 01:58:22 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

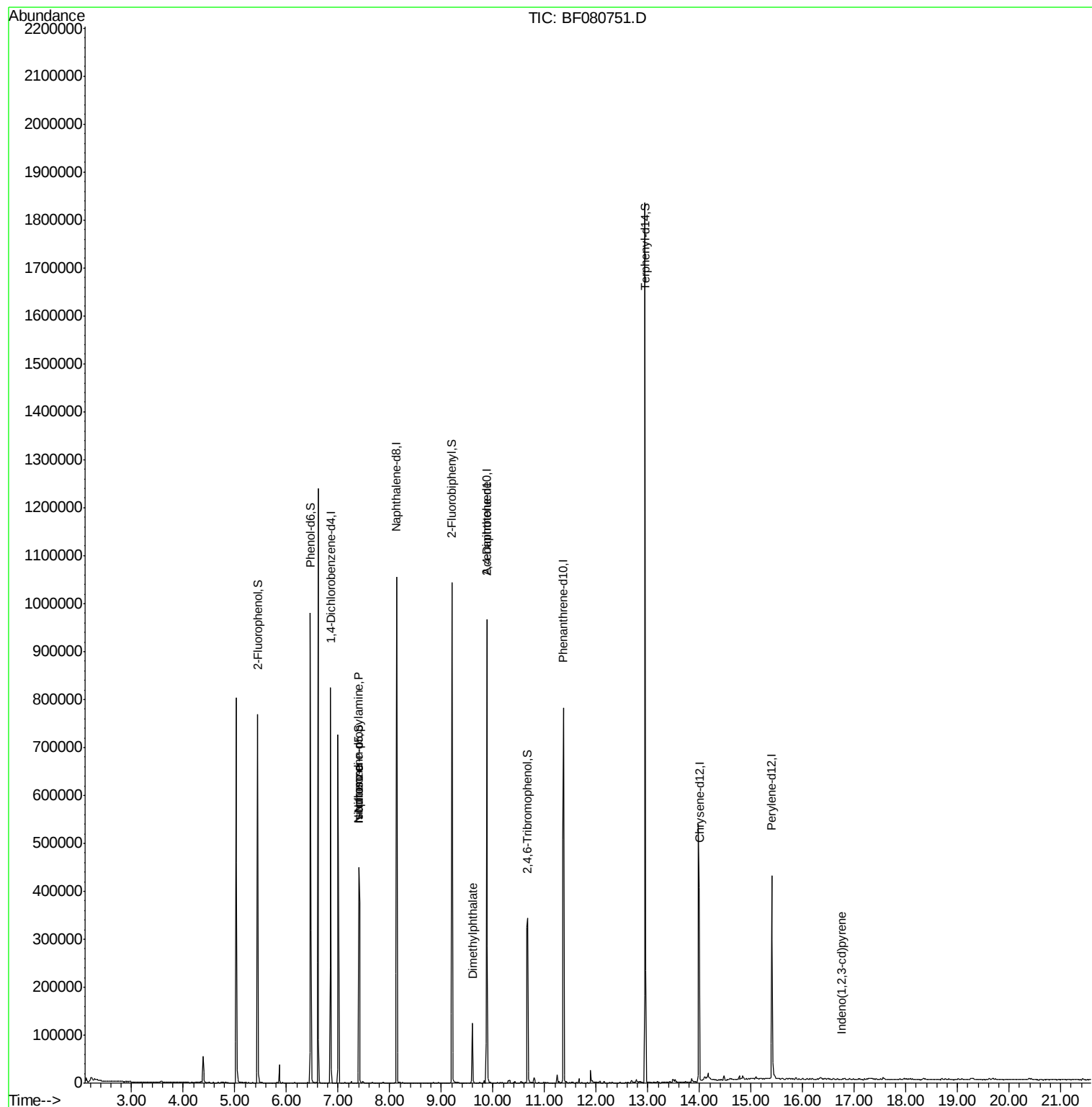
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113136	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	425252	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	193682	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	367303	20.00	ng	0.00
75) Chrysene-d12	14.00	240	248055	20.00	ng	0.00
86) Perylene-d12	15.40	264	228720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	269252	40.83	ng	0.00
7) Phenol-d6	6.46	99	305614	34.04	ng	-0.02
23) Nitrobenzene-d5	7.40	82	191879	21.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	60465	30.09	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	296724	22.86	ng	-0.01
78) Terphenyl-d14	12.95	244	520753	39.70	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	291	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	24841	4.11 ng	#	84
25) Isophorone	7.40	82	186889	11.97 ng	#	71
49) Dimethylphthalate	9.61	163	77722	5.69 ng		99
56) 2,4-Dinitrotoluene	9.88	165	23957	6.31 ng	#	17
60) 4-Chlorophenyl-phenylether	10.43	204	275	Below Cal	#	21
85) Indeno(1,2,3-cd)pyrene	16.76	276	477	2.66 ng	#	59

(#) = 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: BF080751.D

Acq: 1 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-3(0-2)

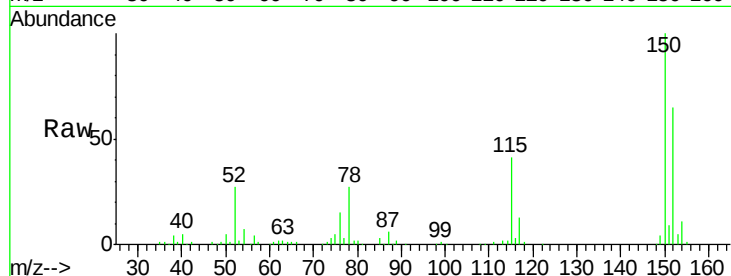
Tgt Ion:152 Resp: 113136

Ion Ratio Lower Upper

152 100

150 154.8 129.6 194.4

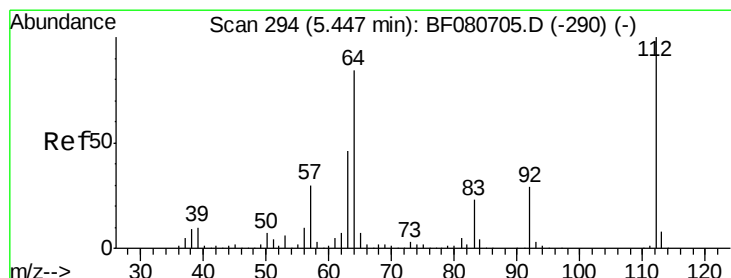
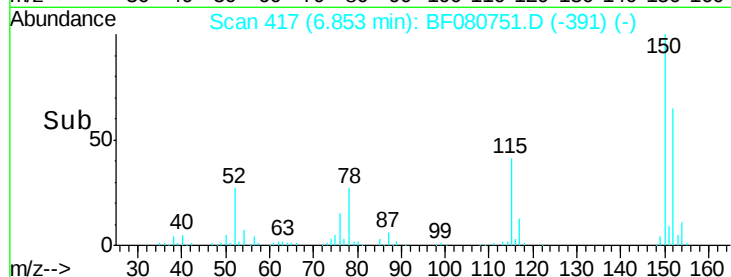
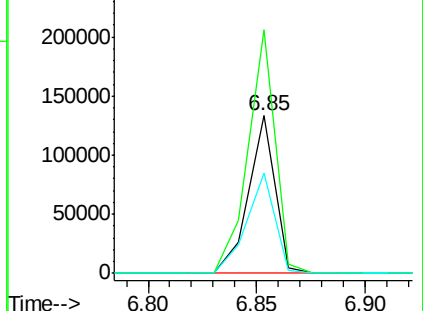
115 64.0 56.6 85.0



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: 40.83 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

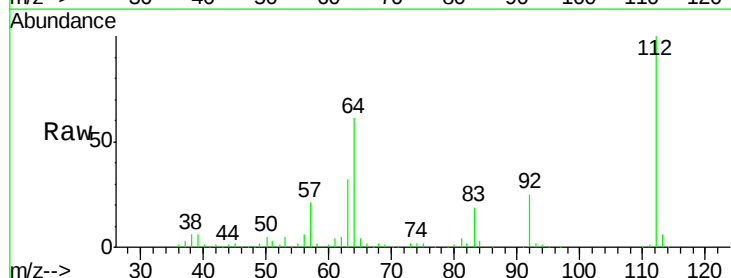
Tgt Ion:112 Resp: 269252

Ion Ratio Lower Upper

112 100

64 61.4 66.8 100.2#

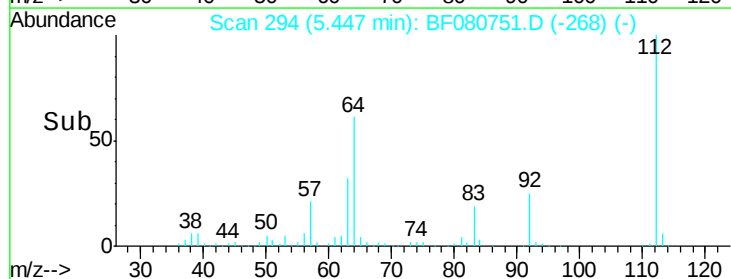
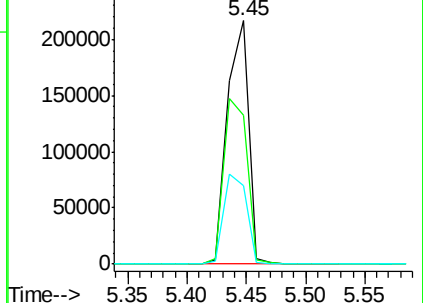
63 32.3 36.7 55.1#

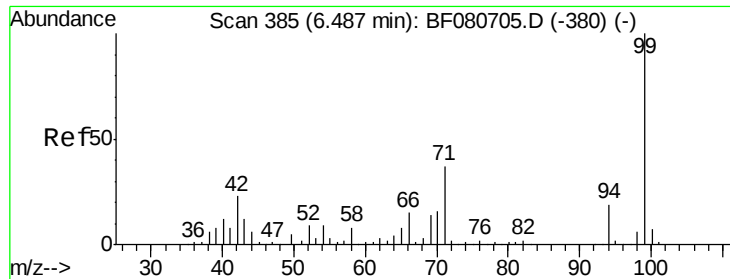


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.04 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-3(0-2)

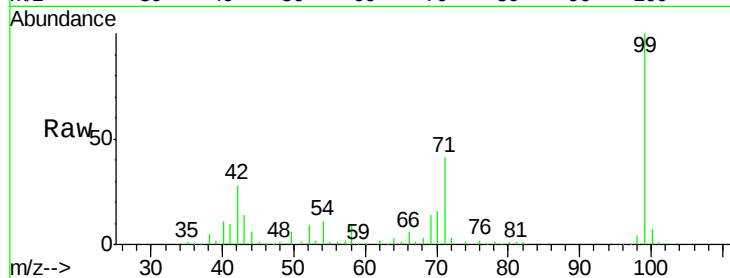
Tgt Ion: 99 Resp: 305614

Ion Ratio Lower Upper

99 100

42 28.2 18.2 27.2#

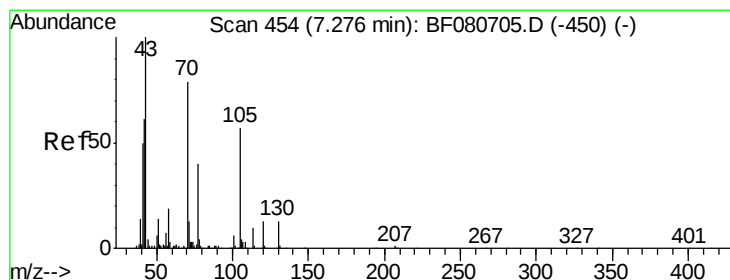
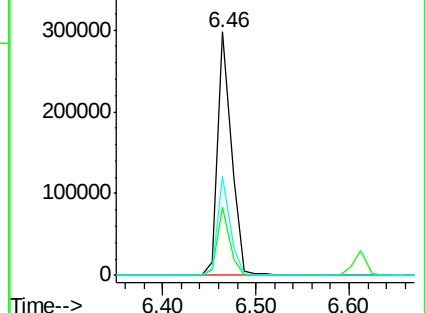
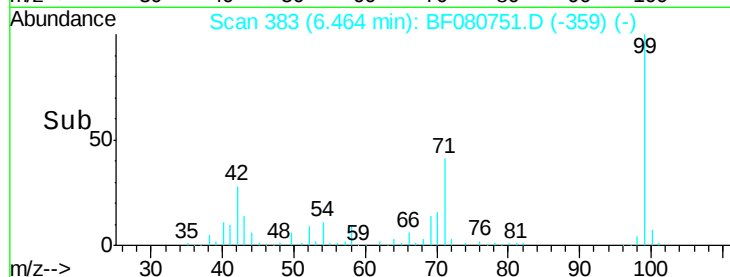
71 40.9 29.5 44.3



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: 4.11 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

Tgt Ion: 70 Resp: 24841

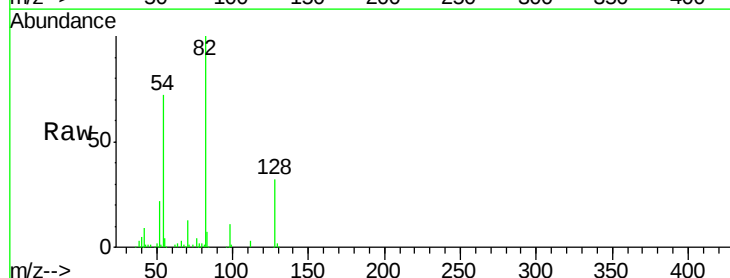
Ion Ratio Lower Upper

70 100

42 67.0 61.8 92.6

101 0.0 6.1 9.1#

130 2.1 12.9 19.3#

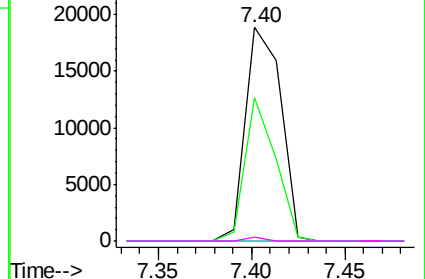
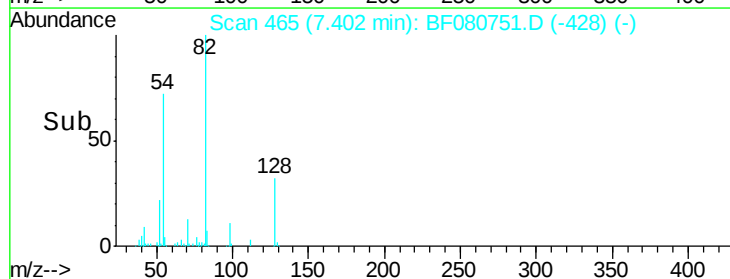


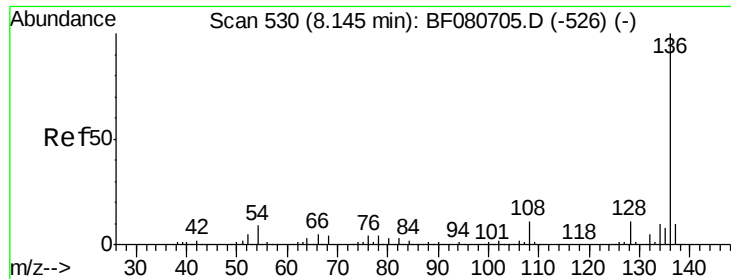
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

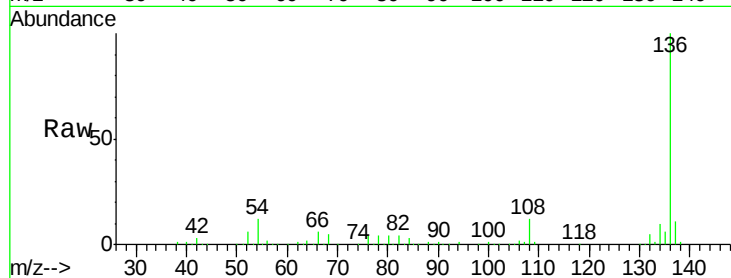




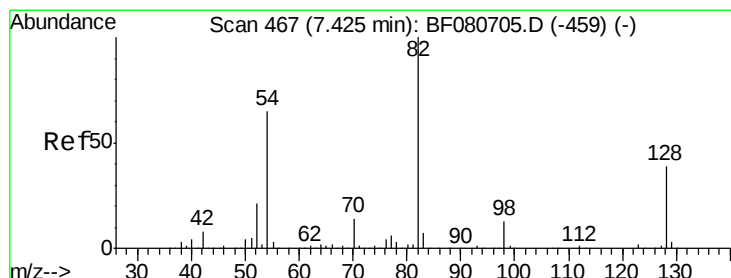
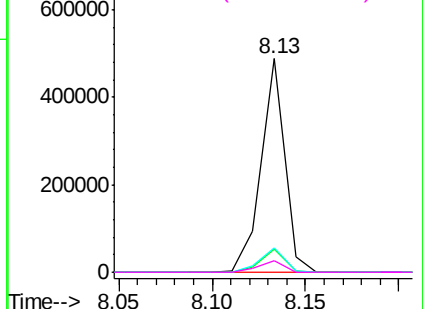
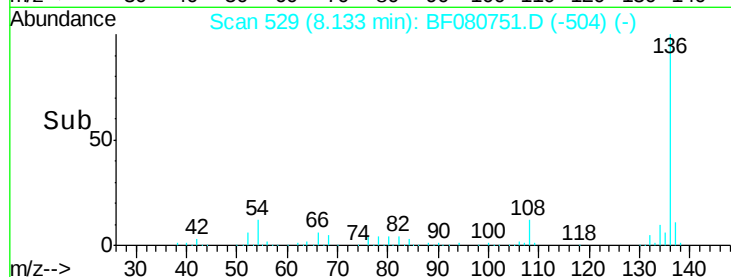
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

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

Tgt Ion:	136	Resp:	425252
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.7	6.9	10.3#
68	5.3	3.5	5.3#

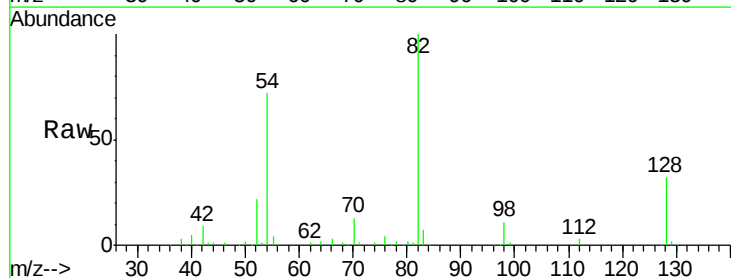


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

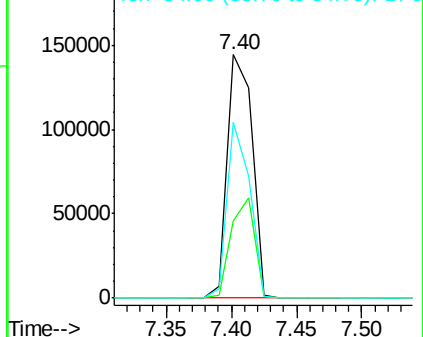
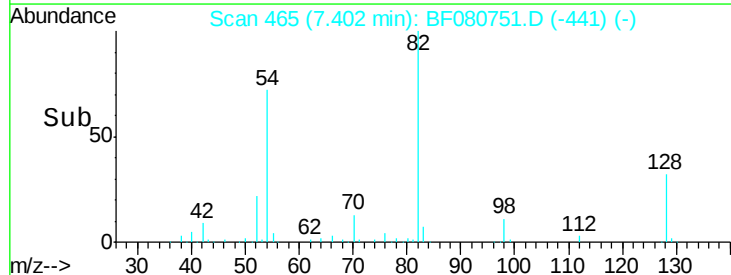


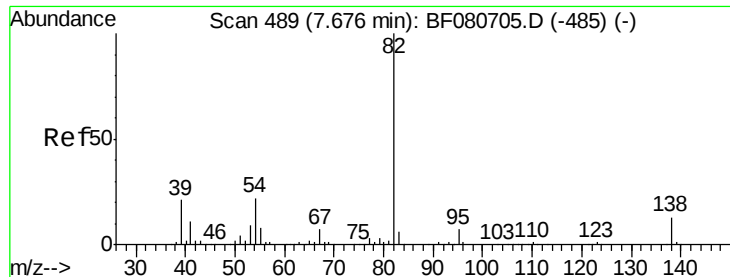
#23
Nitrobenzene-d5
Concen: 21.85 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

Tgt Ion:	82	Resp:	191879
Ion	Ratio	Lower	Upper
82	100		
128	31.7	31.5	47.3
54	72.2	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: 11.97 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-3(0-2)

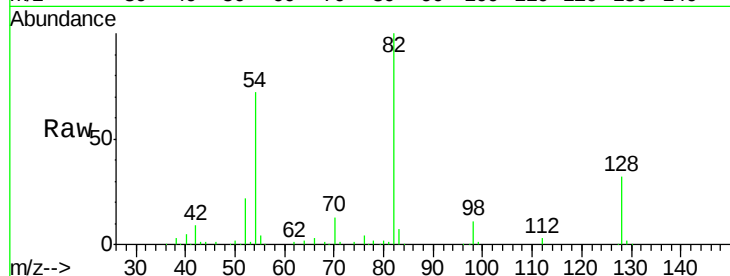
Tgt Ion: 82 Resp: 186889

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

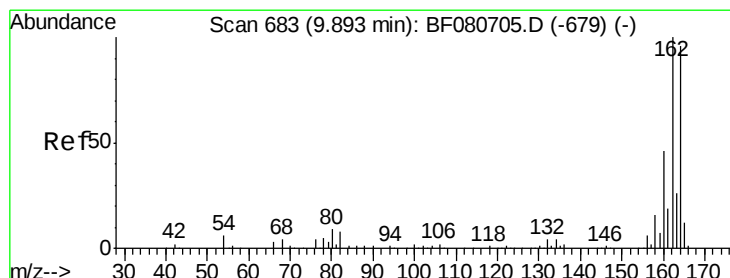
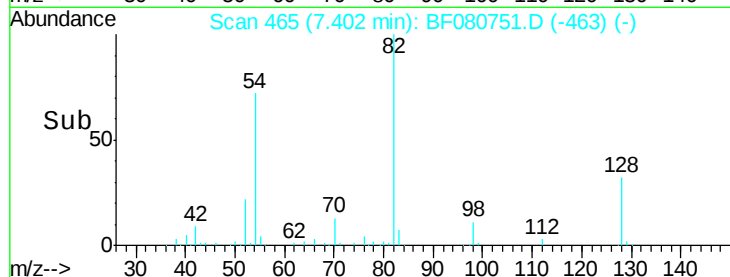
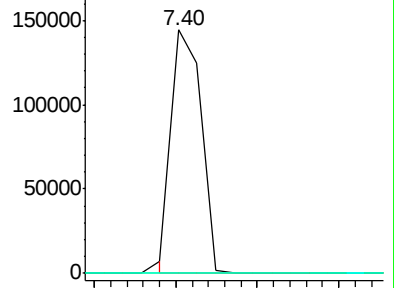
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080751.D (-463) (-)

Ion 95.00 (94.70 to 95.70): BF080751.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF080751.D (-463) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

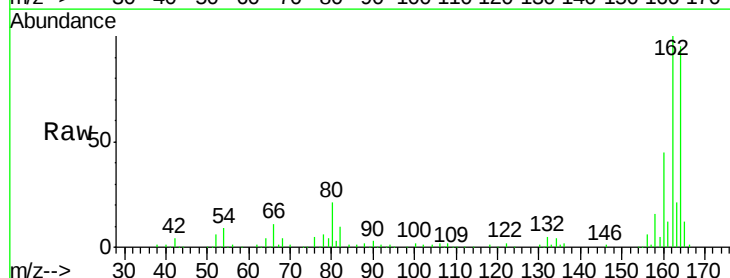
Tgt Ion: 164 Resp: 193682

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

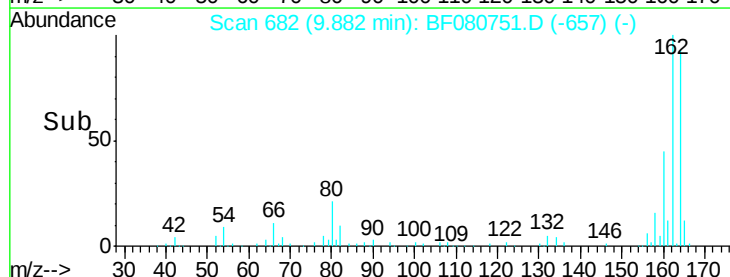
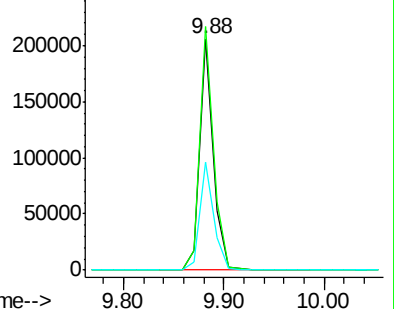
160 46.9 38.0 57.0

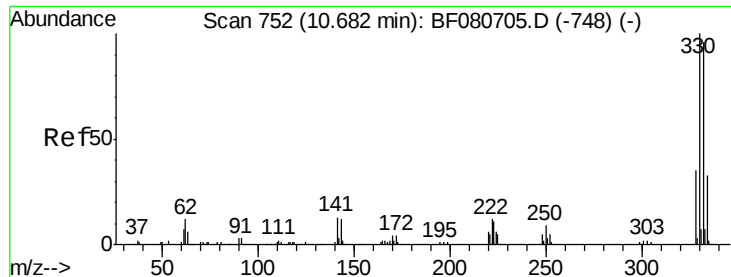


Abundance Ion 164.00 (163.70 to 164.70): BF080751.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080751.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080751.D (-657) (-)

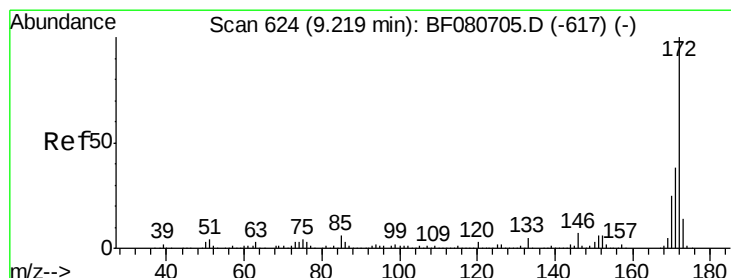
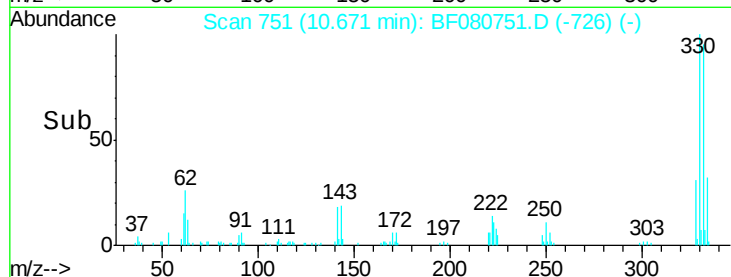
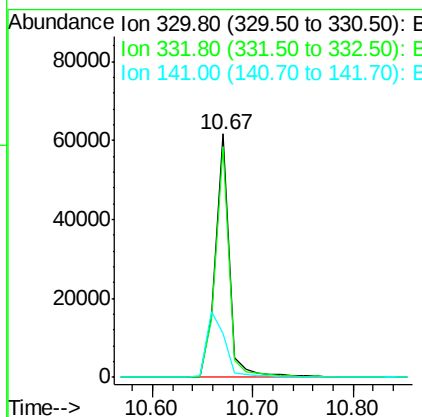
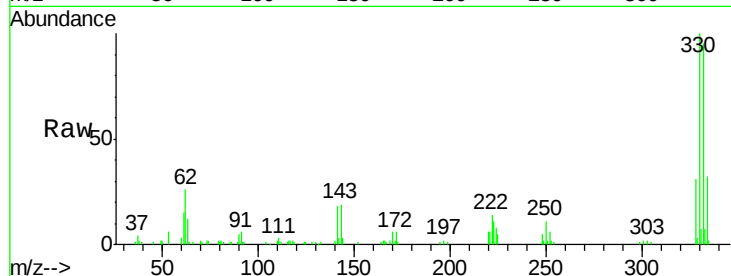




#41
 2,4,6-Tribromophenol
 Concen: 30.09 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080751.D
 Acq: 1 Aug 2015 00:00

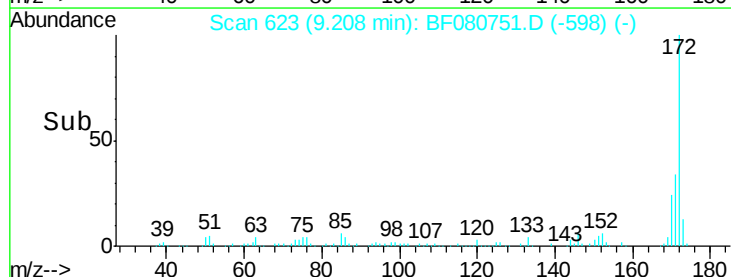
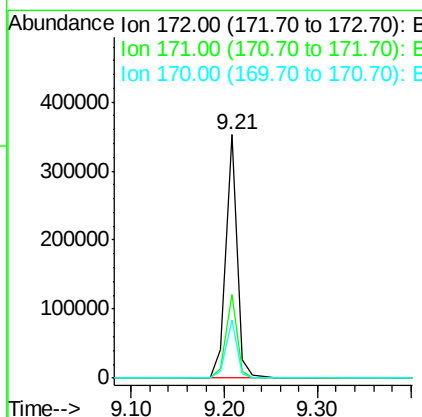
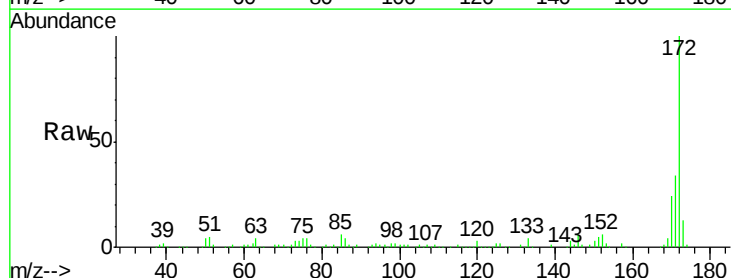
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-3(0-2)

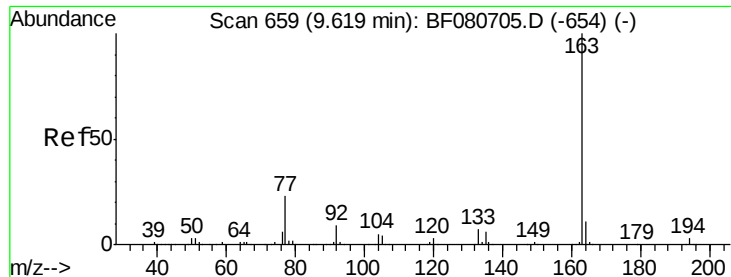
Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	114.8
141	34.6	26.0	39.0



#44
 2-Fluorobiphenyl
 Concen: 22.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080751.D
 Acq: 1 Aug 2015 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.2	45.4
170	24.0	20.2	30.2

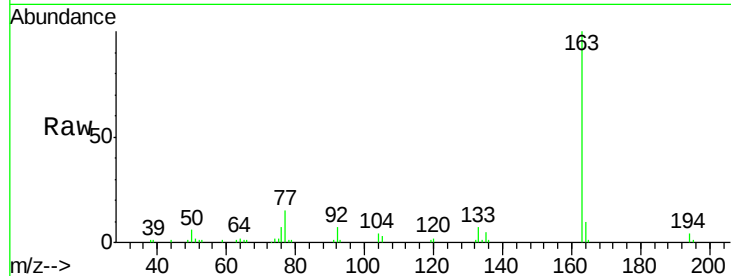




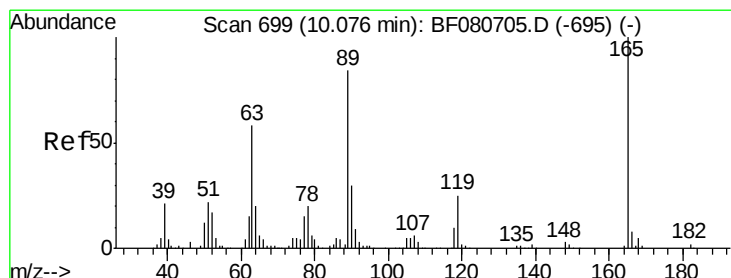
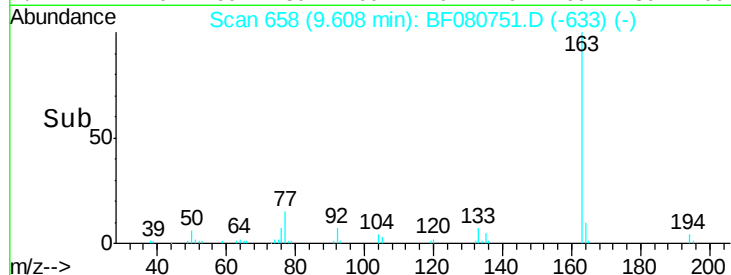
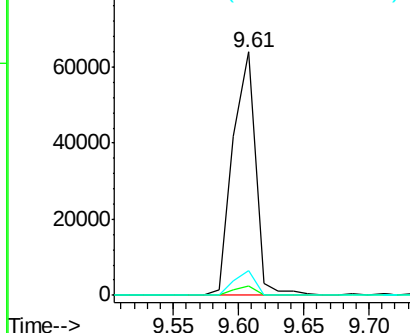
#49
Dimethylphthalate
Concen: 5.69 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

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

Tgt Ion:163 Resp: 77722
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.7 13.1

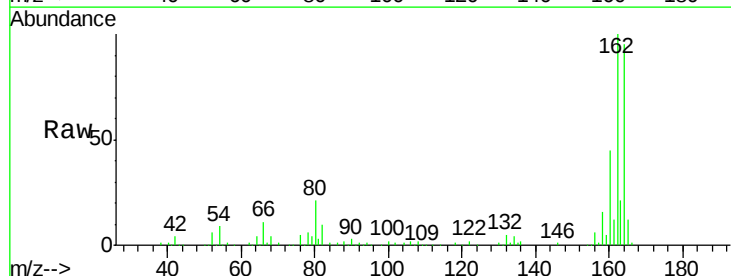


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

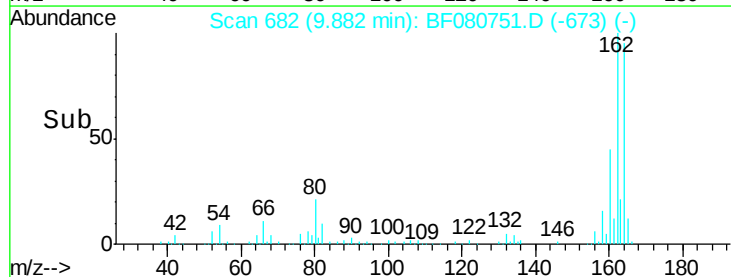
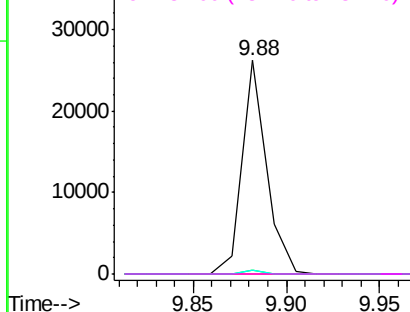


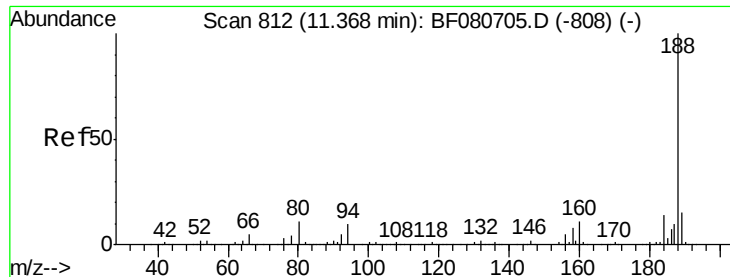
#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

Tgt Ion:165 Resp: 23957
Ion Ratio Lower Upper
165 100
63 2.0 46.7 70.1#
89 1.8 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

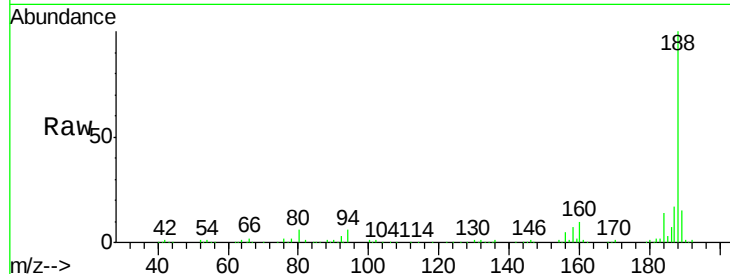




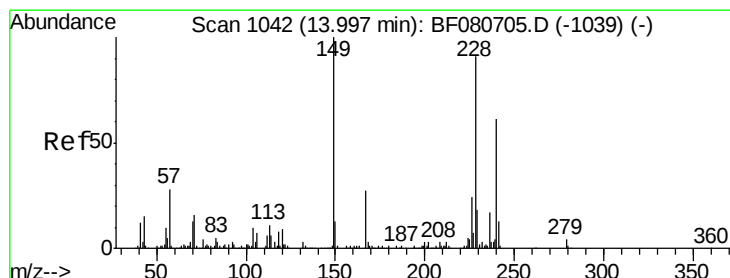
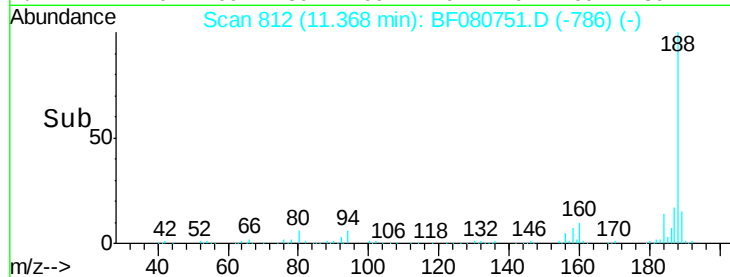
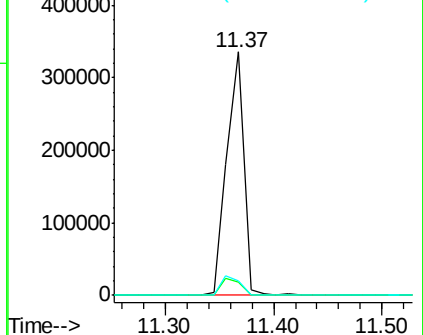
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

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

Tgt Ion:188 Resp: 367303
Ion Ratio Lower Upper
188 100
94 5.7 8.1 12.1#
80 6.0 9.1 13.7#

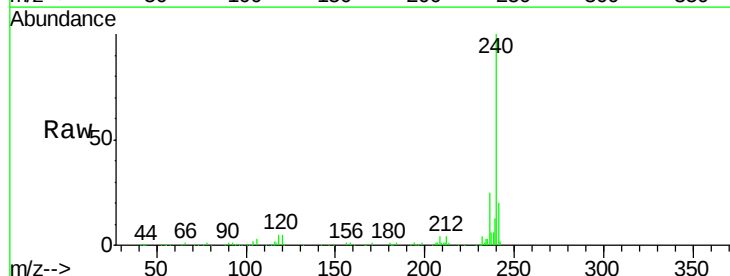


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

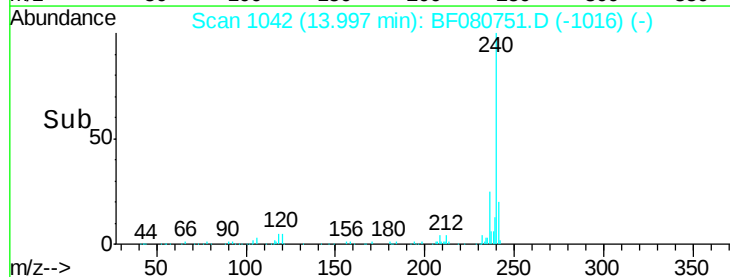
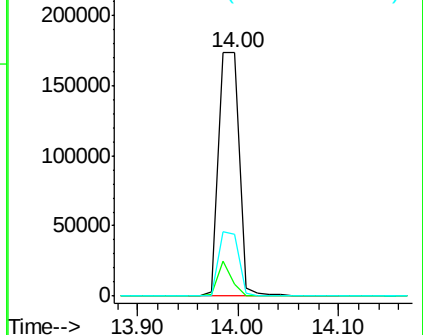


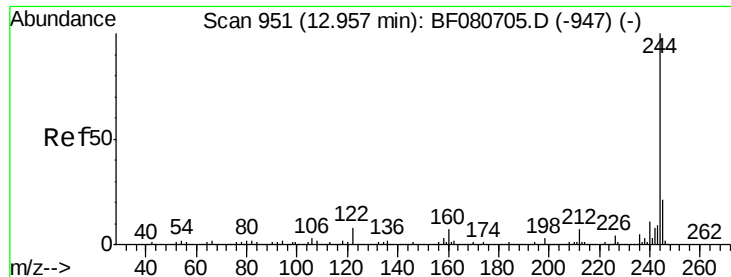
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

Tgt Ion:240 Resp: 248055
Ion Ratio Lower Upper
240 100
120 4.8 11.8 17.8#
236 25.2 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: 39.70 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-3(0-2)

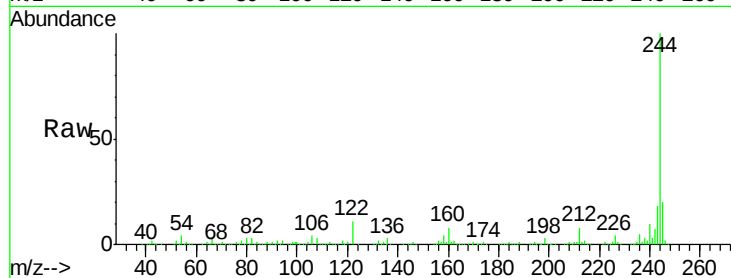
Tgt Ion:244 Resp: 520753

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

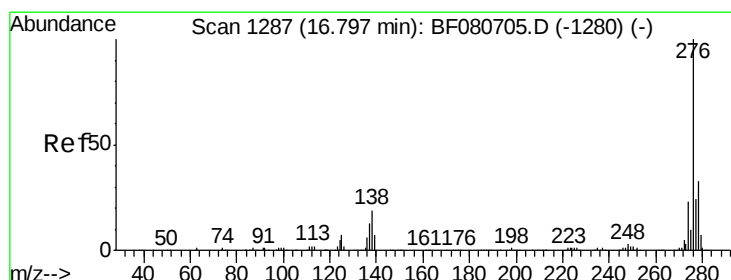
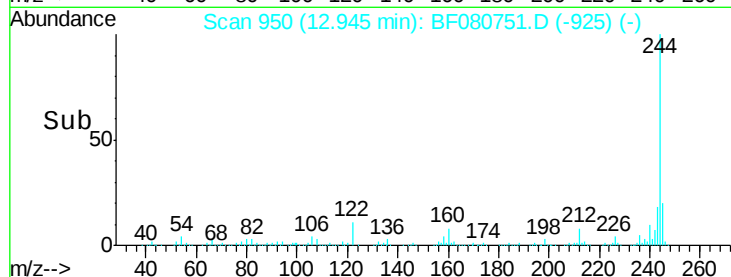
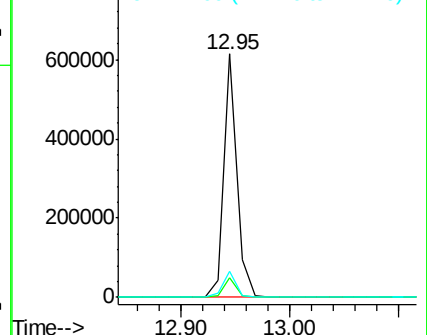
122 10.8 6.6 9.8#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.66 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF080751.D

Acq: 1 Aug 2015 00:00

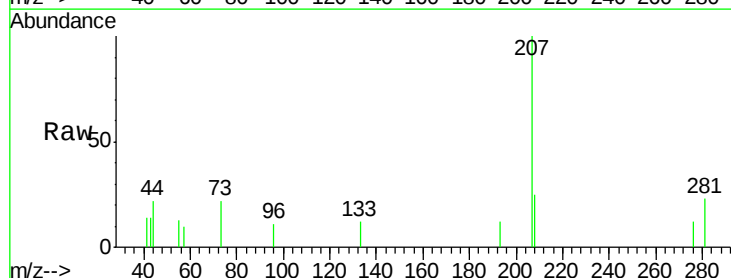
Tgt Ion:276 Resp: 477

Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

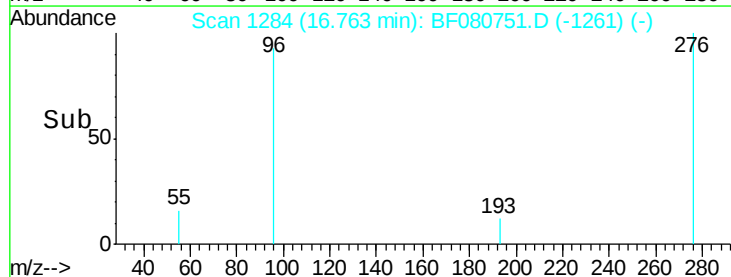
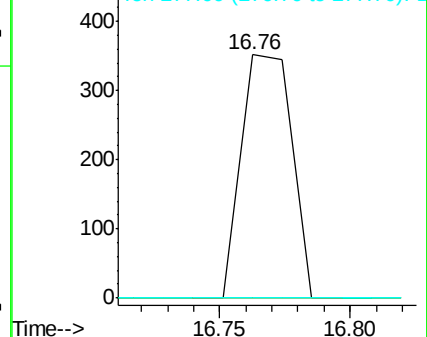
277 0.0 15.4 23.2#

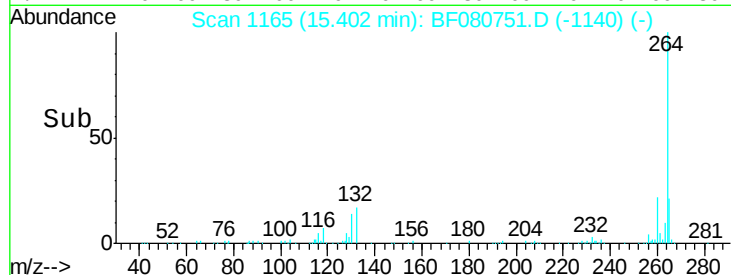
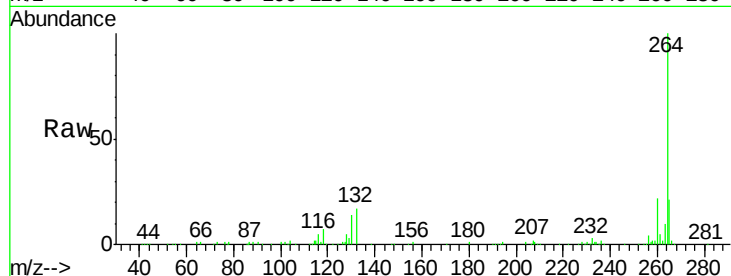
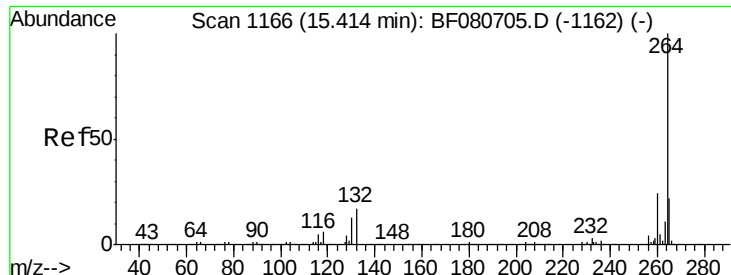


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080751.D
Acq: 1 Aug 2015 00:00

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

Tgt Ion:	264	Resp:	228720
Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.4	29.0
265	21.0	17.3	25.9

