

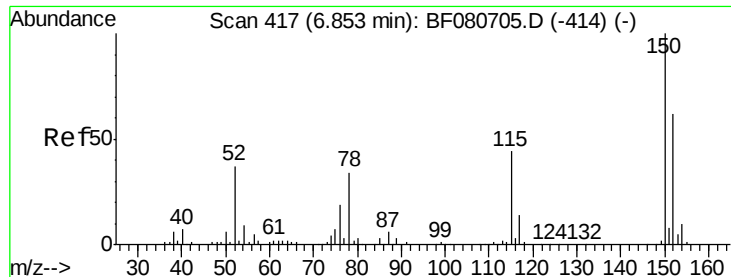
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080785.D
 Acq On : 1 Aug 2015 17:28
 Operator : TP/UM
 Sample : G3127-17
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-4(0-2)

Quant Time: Aug 03 03:48:14 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	111313	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	405800	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	176997	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	310893	20.00	ng	0.00
75) Chrysene-d12	13.99	240	196295	20.00	ng	-0.01
86) Perylene-d12	15.40	264	228673	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	731974	112.81	ng	0.01
7) Phenol-d6	6.48	99	830094	93.97	ng	-0.01
23) Nitrobenzene-d5	7.41	82	657210	78.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	208160	113.34	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	898871	75.76	ng	-0.01
78) Terphenyl-d14	12.95	244	601250	57.93	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1267	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	92405	15.53	ng	# 73
25) Isophorone	7.41	82	642224	43.10	ng	# 71
49) Dimethylphthalate	9.61	163	252824	20.27	ng	96
56) 2,4-Dinitrotoluene	9.88	165	22523	6.49	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	13181	4.11	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.77	276	2674	2.87	ng	# 83

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

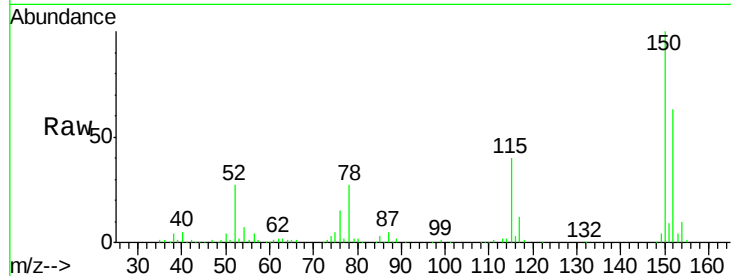


#1

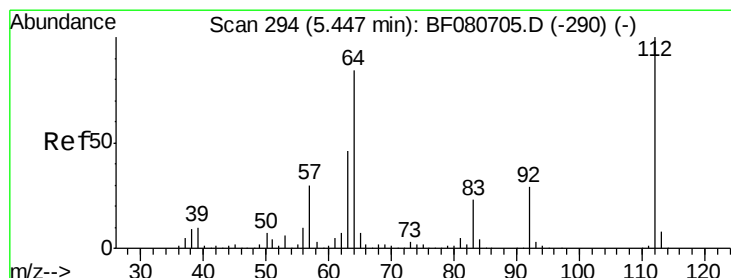
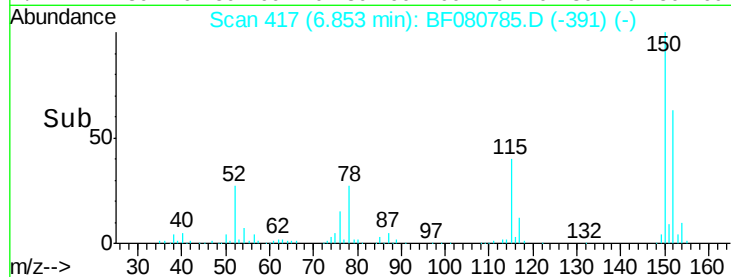
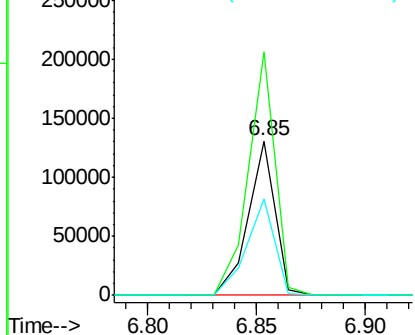
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-4(0-2)

Tot Ion:152 Resp: 111313
Ion Ratio Lower Upper
152 100
150 157.9 129.6 194.4
115 62.9 56.6 85.0



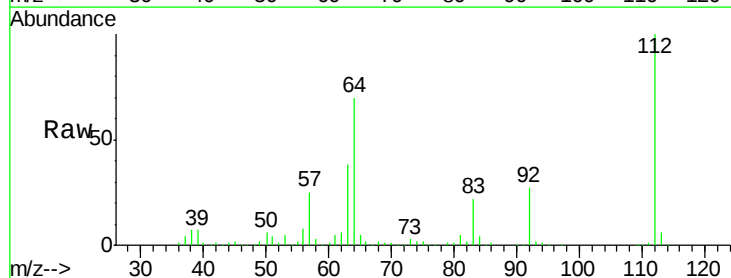
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



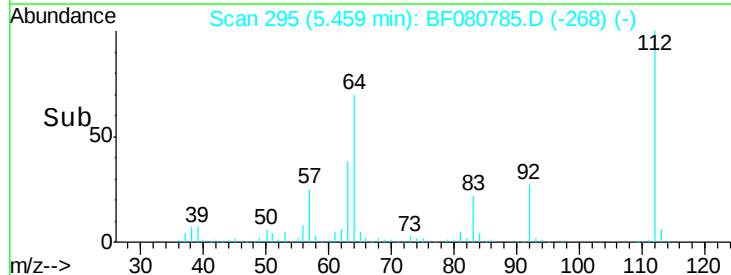
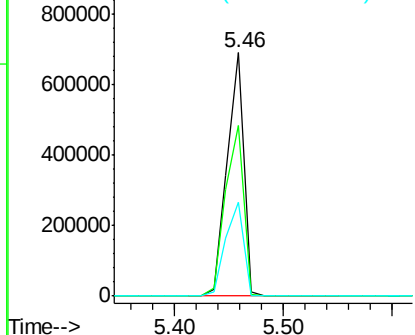
#5

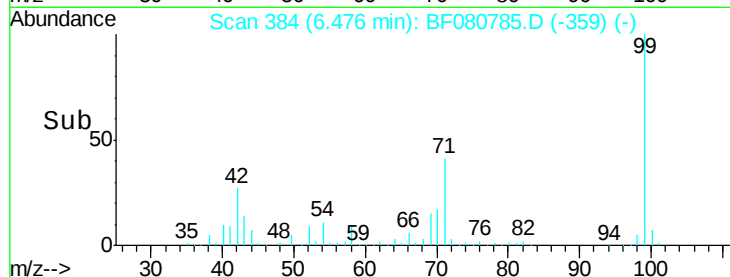
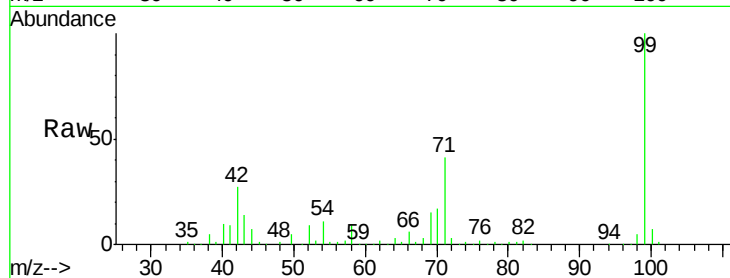
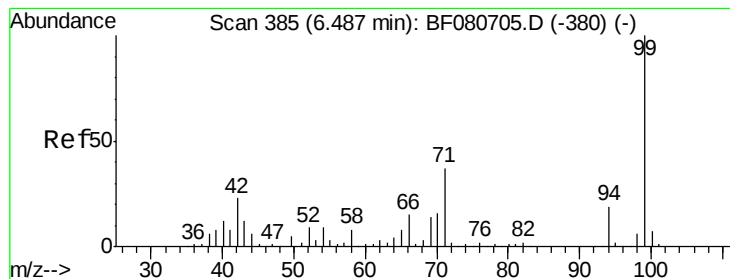
2-Fluorophenol
Concen: 112.81 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Tgt Ion:112 Resp: 731974
Ion Ratio Lower Upper
112 100
64 70.3 66.8 100.2
63 38.3 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: 93.97 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080785.D

Acq: 1 Aug 2015 17:28

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-4(0-2)

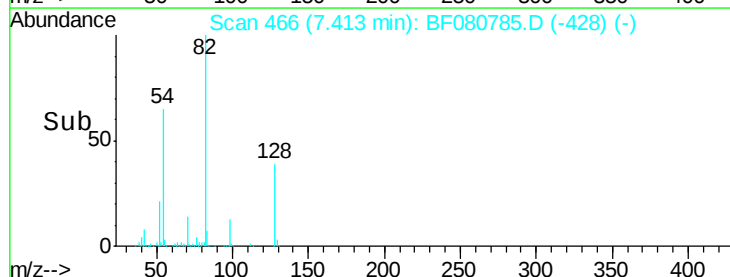
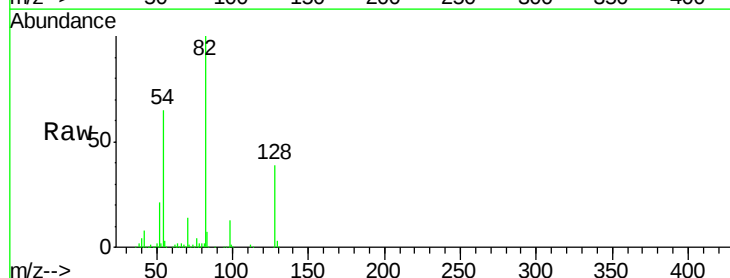
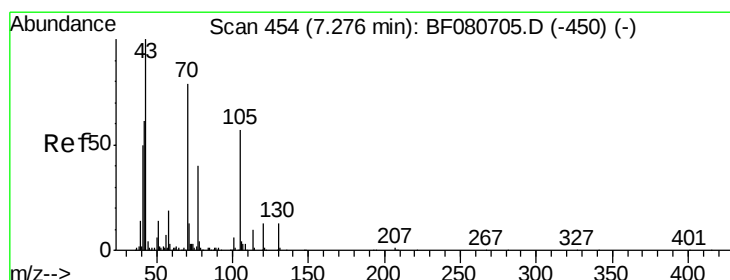
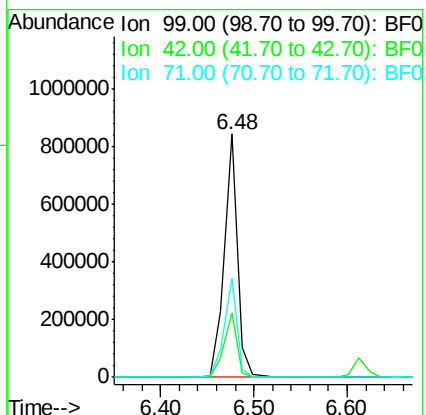
Tot Ion: 99 Resp: 830094

Ion Ratio Lower Upper

99 100

42 26.7 18.2 27.2

71 40.9 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.53 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080785.D

Acq: 1 Aug 2015 17:28

Tgt Ion: 70 Resp: 92405

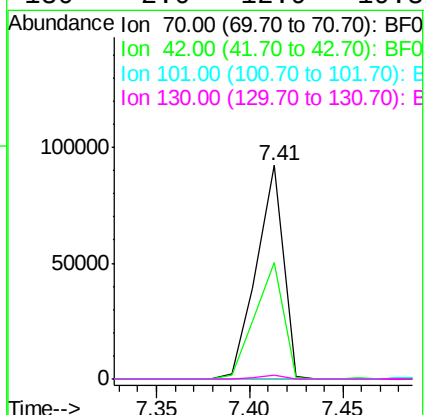
Ion Ratio Lower Upper

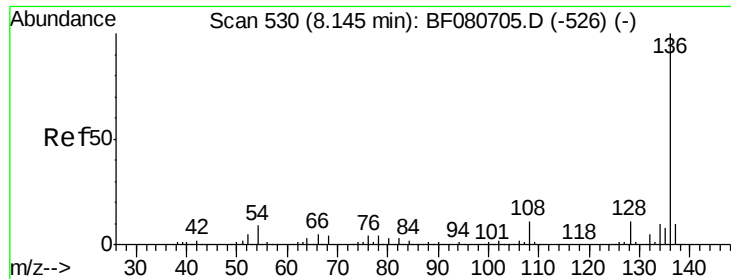
70 100

42 54.4 61.8 92.6#

101 0.0 6.1 9.1#

130 2.0 12.9 19.3#

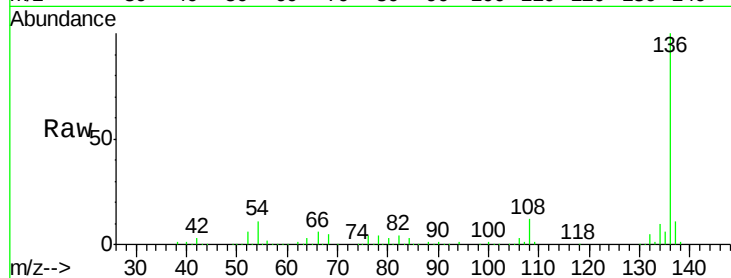




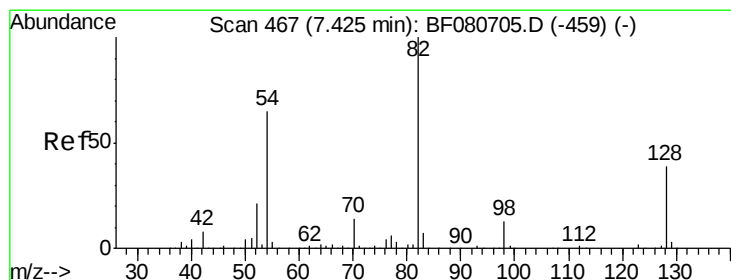
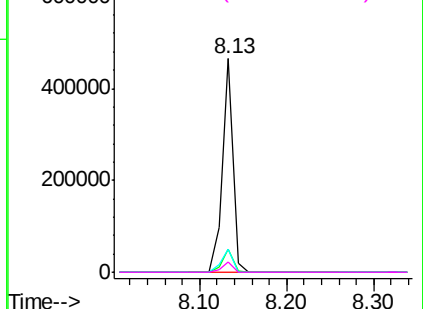
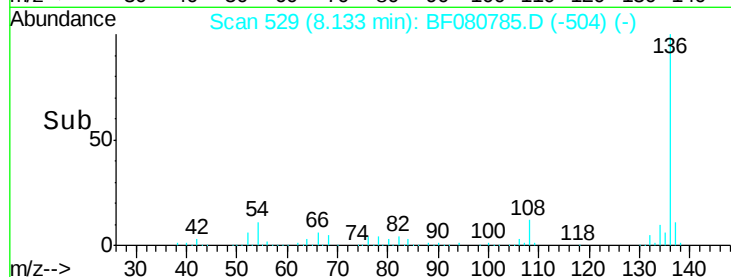
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-4(0-2)

Tot Ion:136	Resp:	405800
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	11.0	6.9 10.3
68	5.0	3.5 5.3

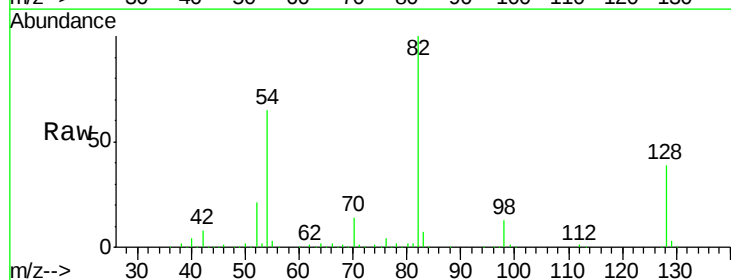


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

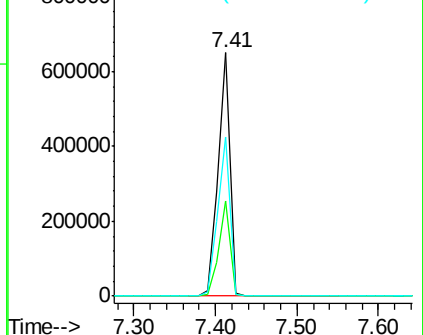
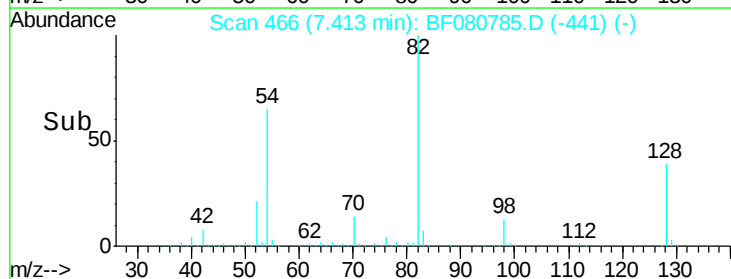


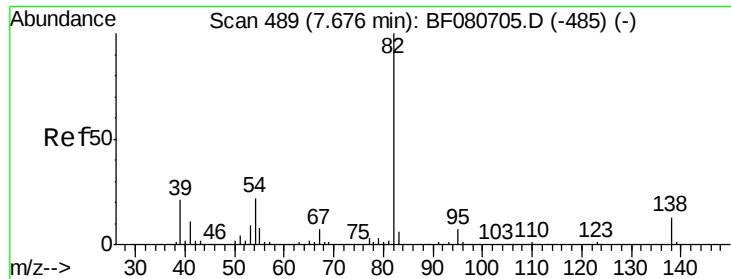
#23
Nitrobenzene-d5
Concen: 78.43 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Tgt Ion: 82	Resp:	657210
Ion Ratio	Lower	Upper
82	100	
128	39.2	31.5 47.3
54	65.4	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: 43.10 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080785.D

Acq: 1 Aug 2015 17:28

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-4(0-2)

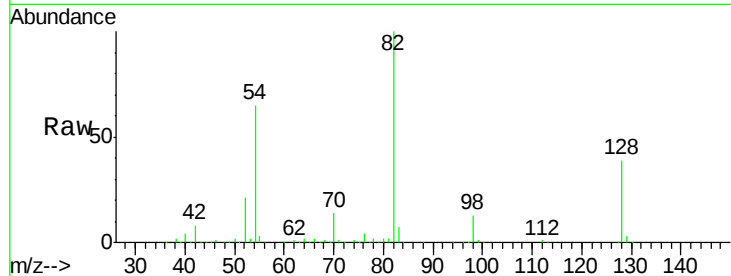
Tot Ion: 82 Resp: 642224

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

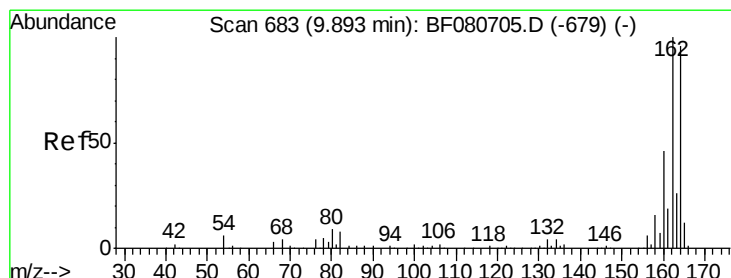
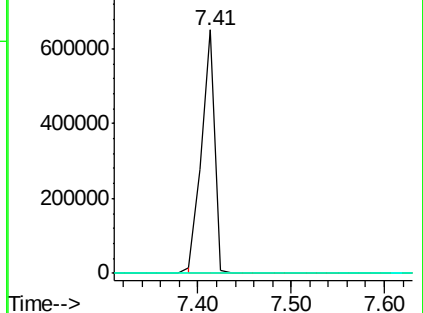
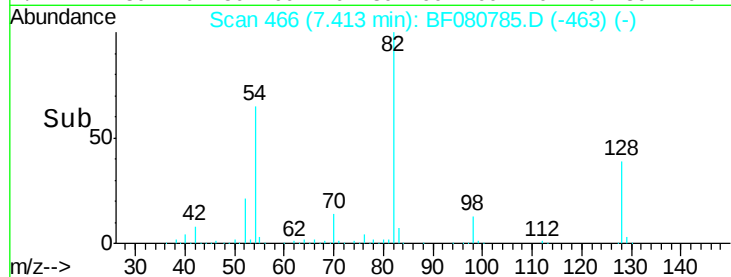
138 0.0 10.7 16.1#



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: BF080785.D

Acq: 1 Aug 2015 17:28

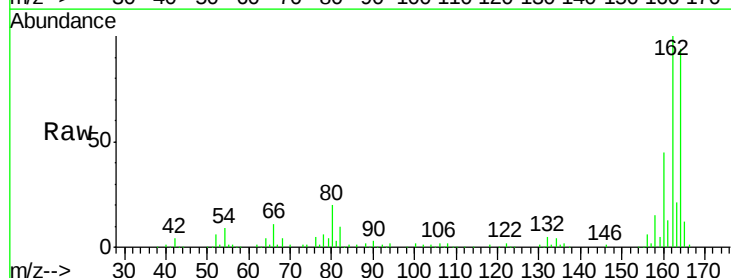
Tgt Ion:164 Resp: 176997

Ion Ratio Lower Upper

164 100

162 106.3 83.4 125.0

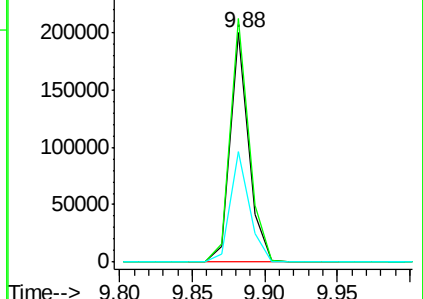
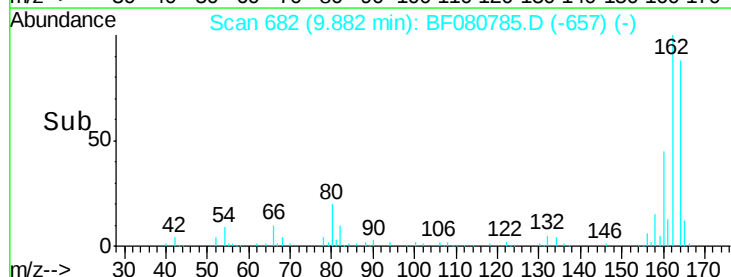
160 48.0 38.0 57.0

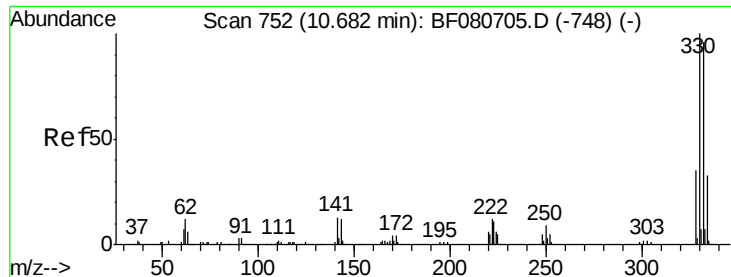


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

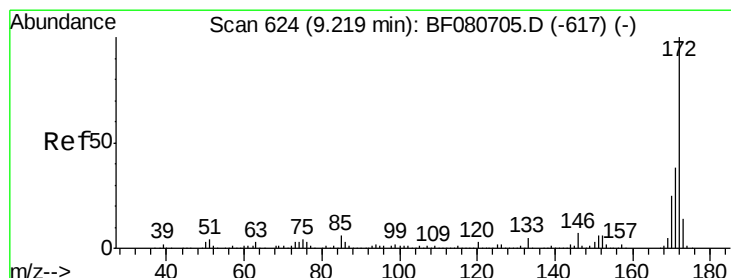
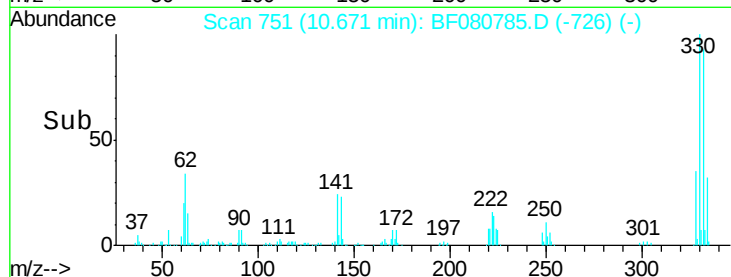
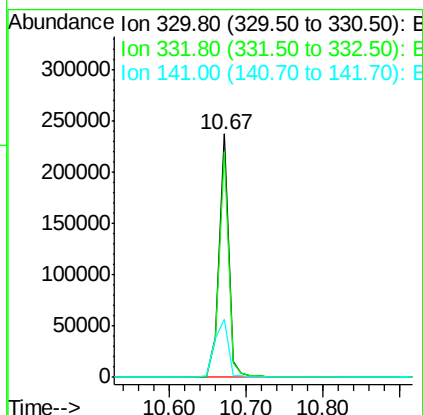
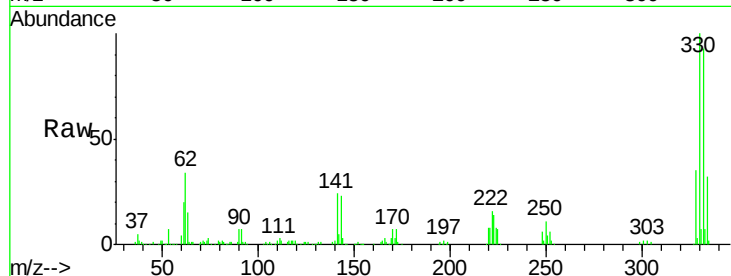




#41
 2,4,6-Tribromophenol
 Concen: 113.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

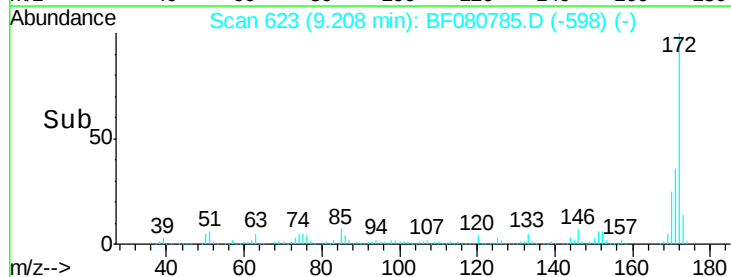
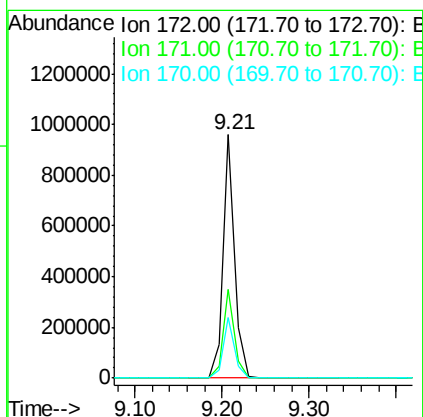
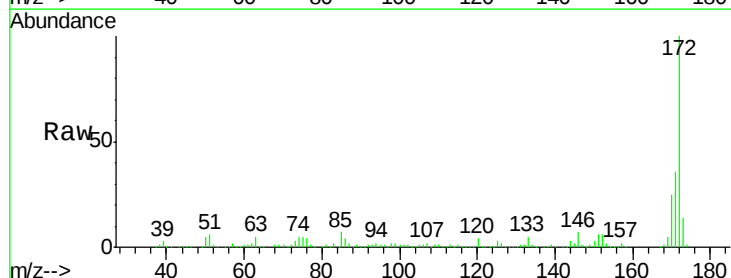
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-4(0-2)

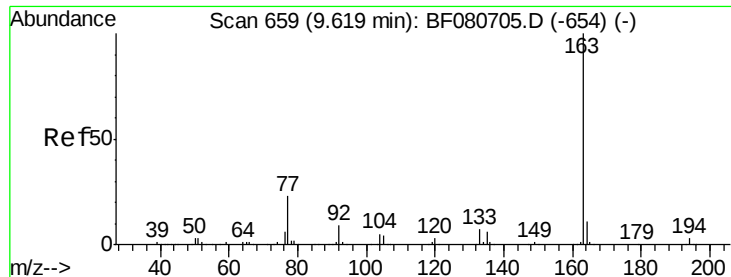
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.6	114.8
141	32.9	26.0	39.0



#44
 2-Fluorobiphenyl
 Concen: 75.76 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.2	45.4
170	24.8	20.2	30.2

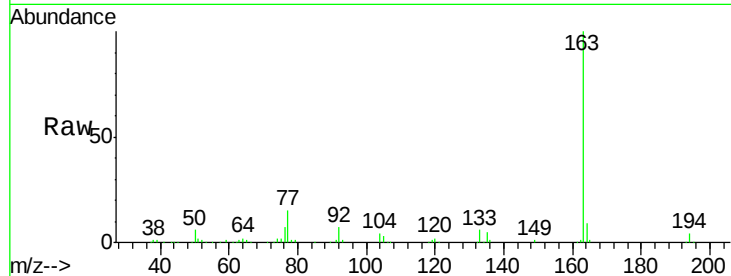




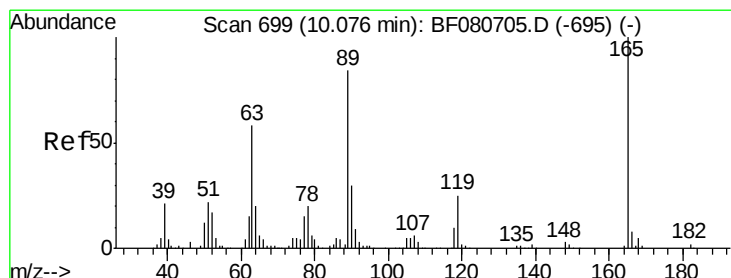
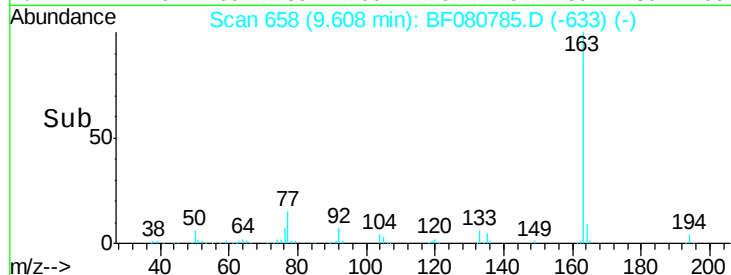
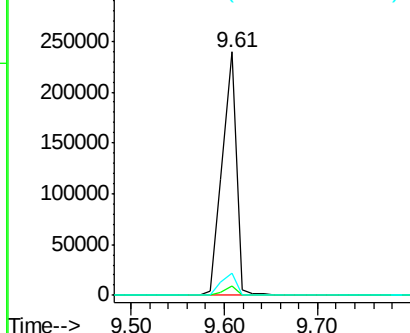
#49
Dimethylphthalate
Concen: 20.27 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-4(0-2)

Tot Ion:163 Resp: 252824
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.1 8.7 13.1

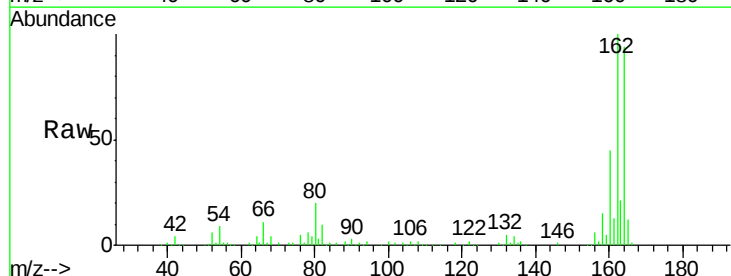


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

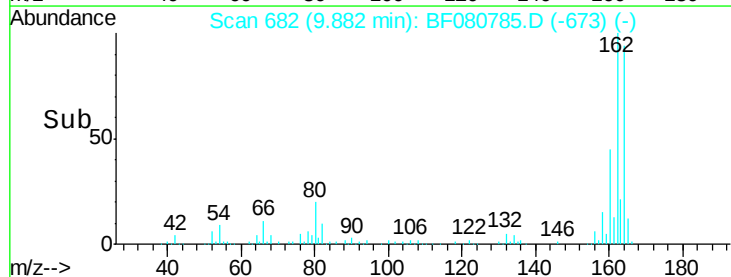
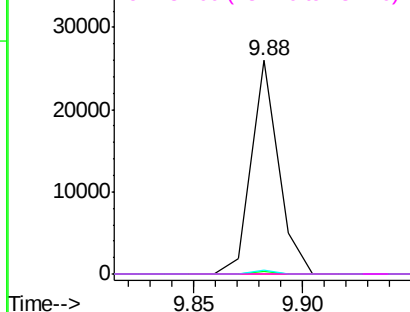


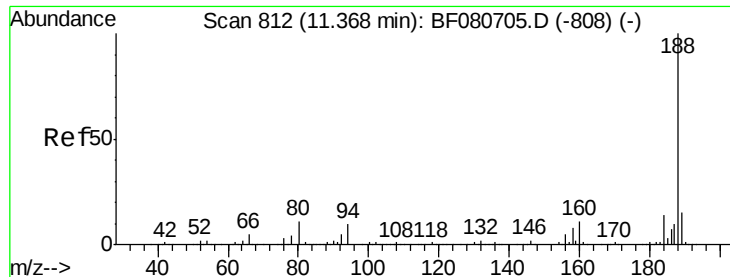
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080785.D
Acq: 1 Aug 2015 17:28

Tgt Ion:165 Resp: 22523
Ion Ratio Lower Upper
165 100
63 1.5 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

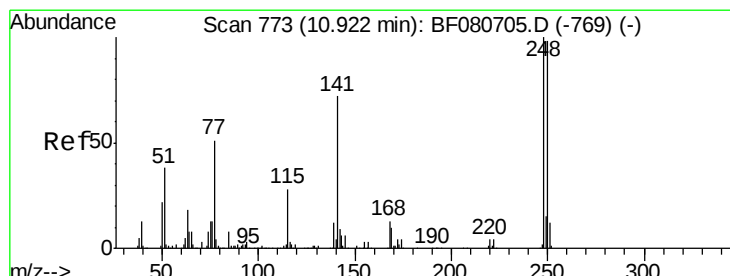
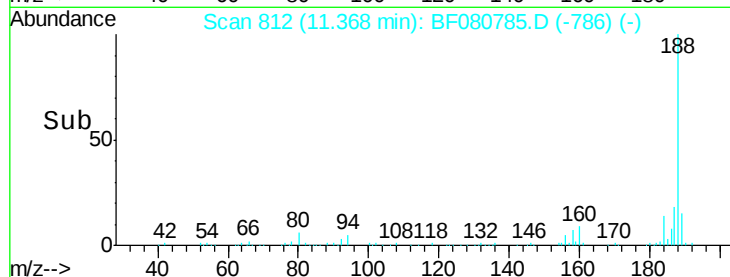
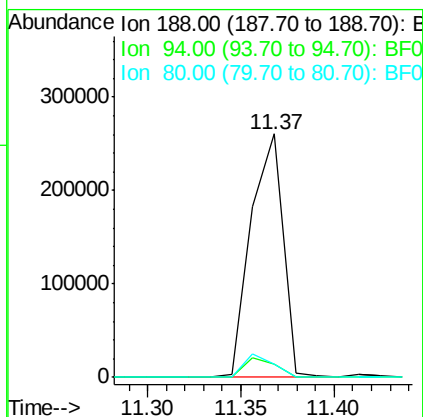
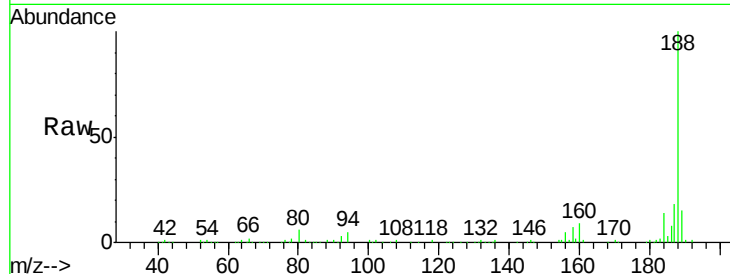




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

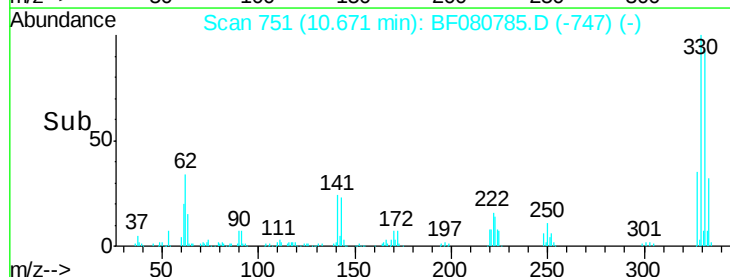
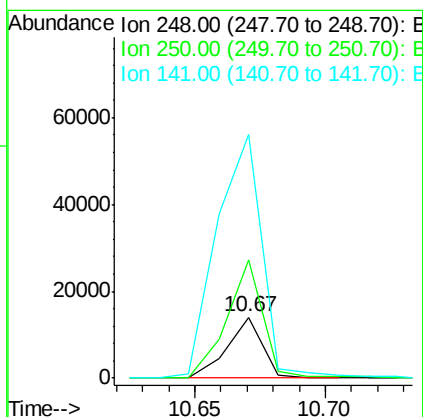
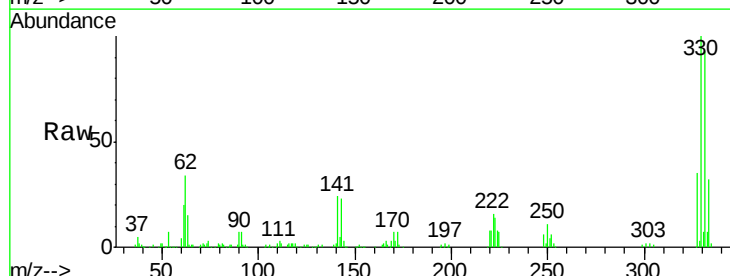
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-4(0-2)

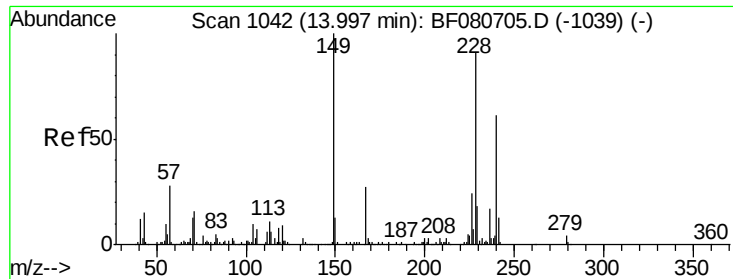
Tot Ion:188 Resp: 310893
 Ion Ratio Lower Upper
 188 100
 94 5.3 8.1 12.1#
 80 5.6 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.11 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

Tgt Ion:248 Resp: 13181
 Ion Ratio Lower Upper
 248 100
 250 193.9 78.4 117.6#
 141 401.4 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: BF080785.D

Acq: 1 Aug 2015 17:28

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-4(0-2)

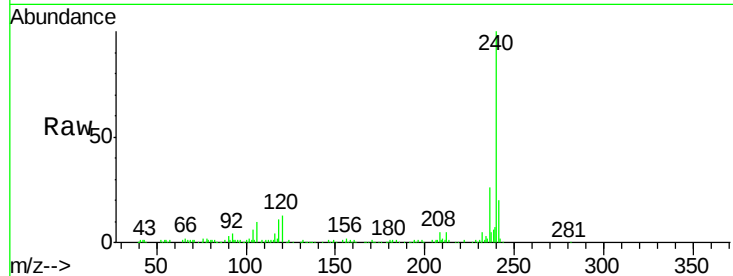
Tot Ion:240 Resp: 196295

Ion Ratio Lower Upper

240 100

120 13.0 11.8 17.8

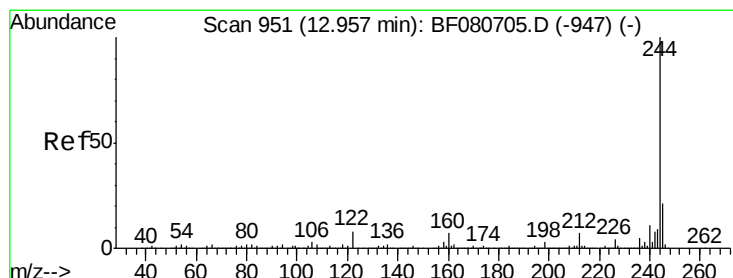
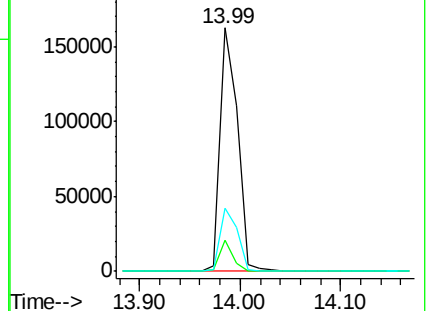
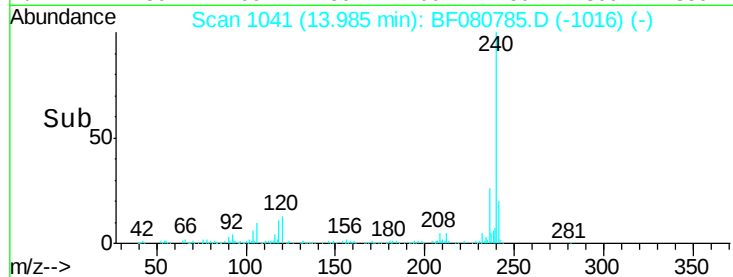
236 25.9 21.8 32.8



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: 57.93 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080785.D

Acq: 1 Aug 2015 17:28

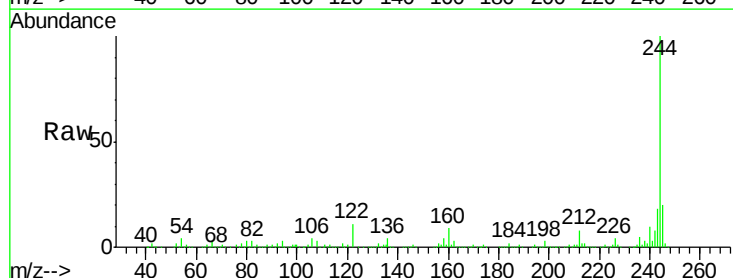
Tgt Ion:244 Resp: 601250

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

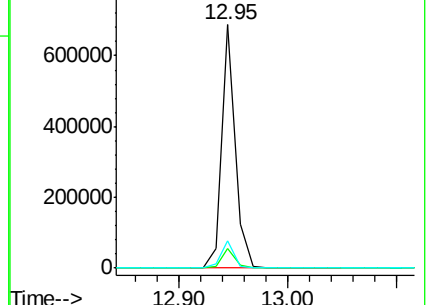
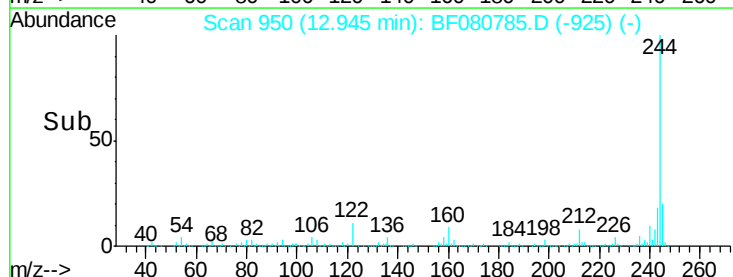
122 11.5 6.6 9.8#

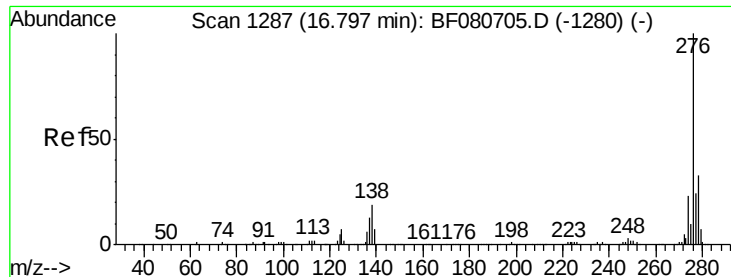


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

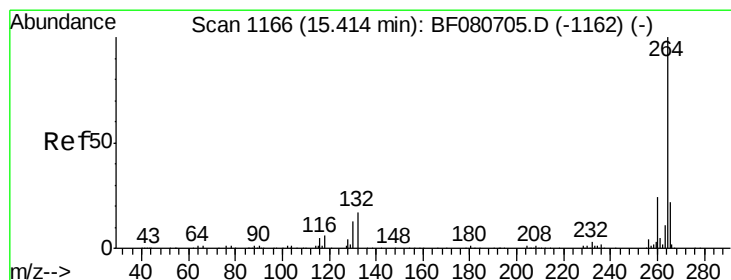
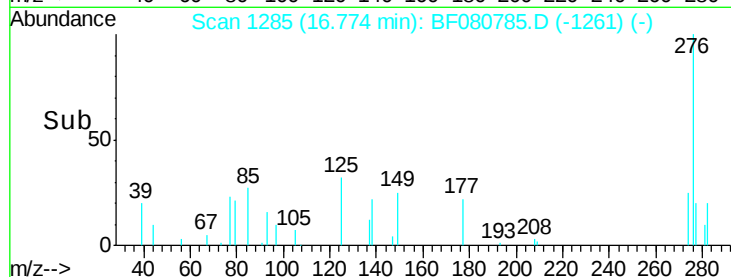
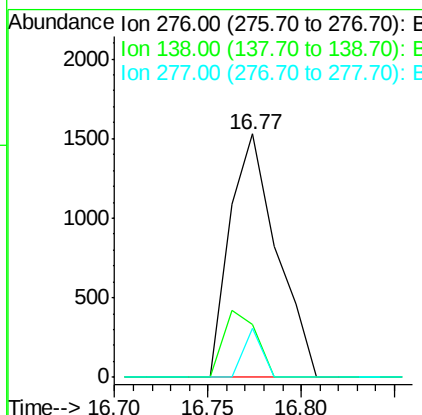
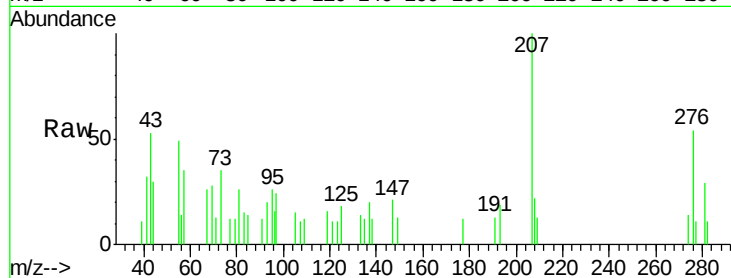




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.87 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-4(0-2)

Tot Ion:276 Resp: 2674
 Ion Ratio Lower Upper
 276 100
 138 19.3 13.2 19.8
 277 7.9 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080785.D
 Acq: 1 Aug 2015 17:28

Tgt Ion:264 Resp: 228673
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.4 29.0
 265 20.7 17.3 25.9

