

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080798.D
 Acq On : 2 Aug 2015 00:10
 Operator : TP/UM
 Sample : G3127-13
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

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

Quant Time: Aug 03 03:52:01 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

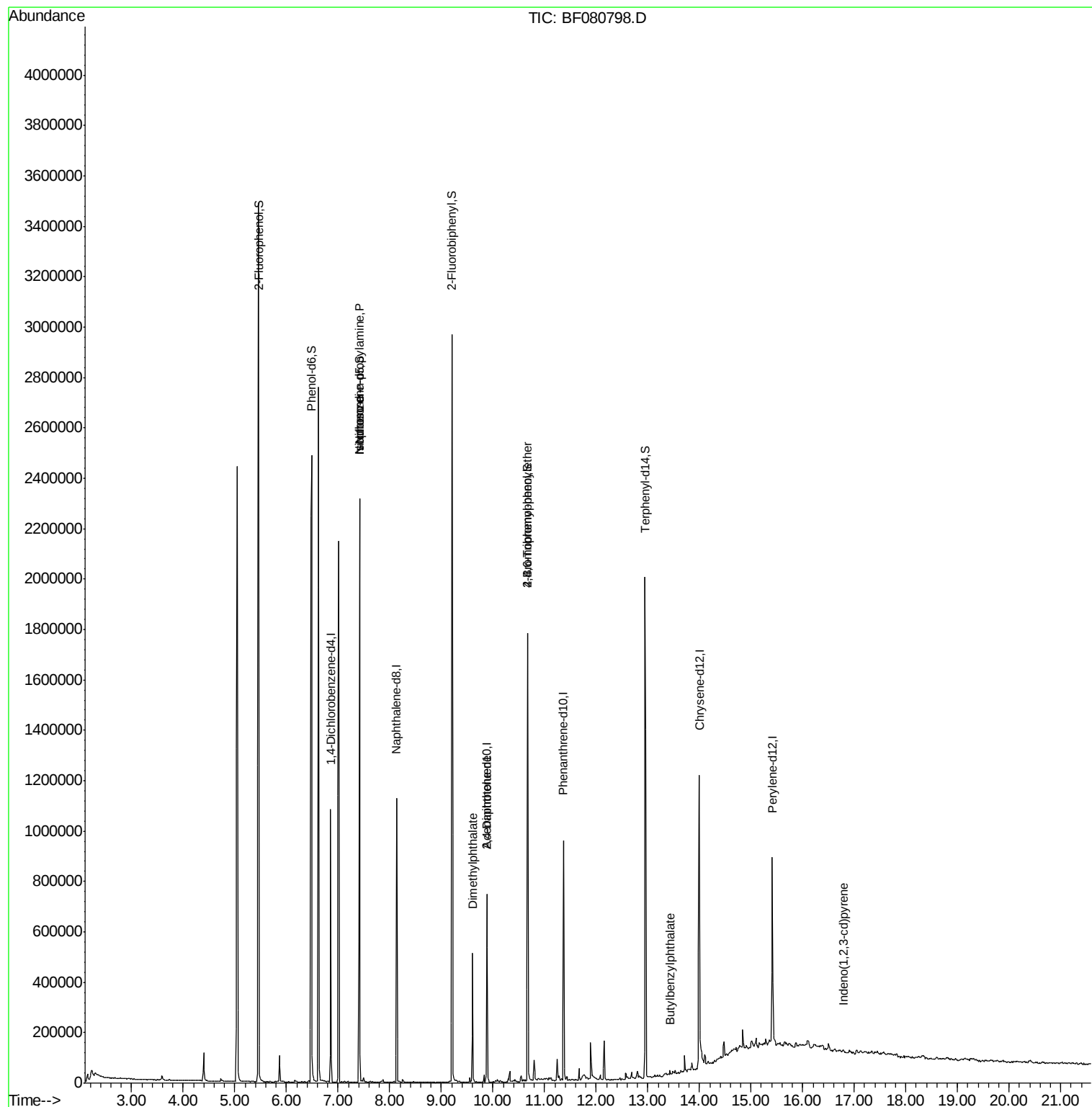
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136274	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	448624	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	188085	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	331020	20.00	ng	0.00
75) Chrysene-d12	14.00	240	391130	20.00	ng	0.00
86) Perylene-d12	15.41	264	340283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	844289	106.28	ng	0.01
7) Phenol-d6	6.49	99	1206745	111.58	ng	0.00
23) Nitrobenzene-d5	7.41	82	685116	73.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	191478	98.11	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	966528	76.66	ng	-0.01
78) Terphenyl-d14	12.95	244	821374	39.72	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1608	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	92757	12.74	ng	# 72
25) Isophorone	7.41	82	679338	41.23	ng	# 71
49) Dimethylphthalate	9.61	163	228370	17.23	ng	# 98
56) 2,4-Dinitrotoluene	9.88	165	23588	6.39	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	12880	3.77	ng	# 1
79) Butylbenzylphthalate	13.43	149	4721	2.04	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.79	276	4576	2.83	ng	# 46

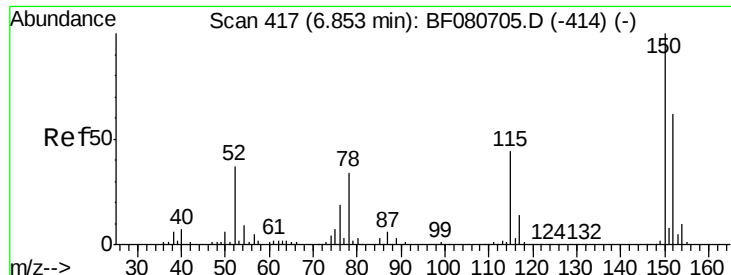
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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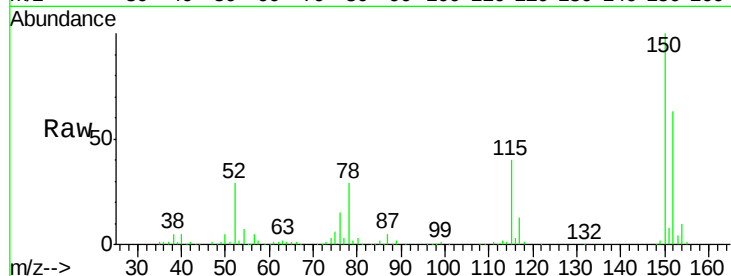


#1

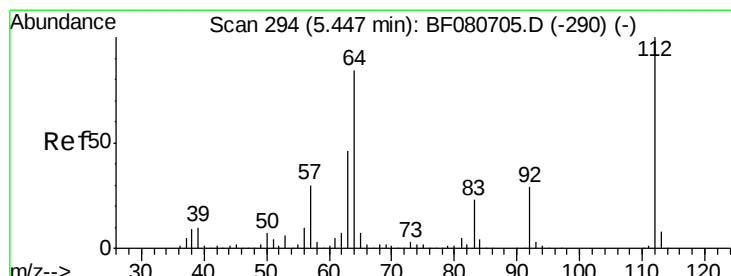
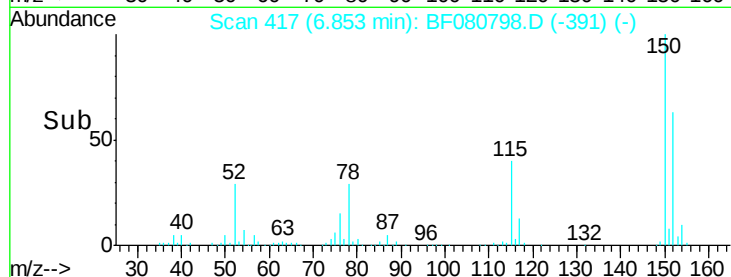
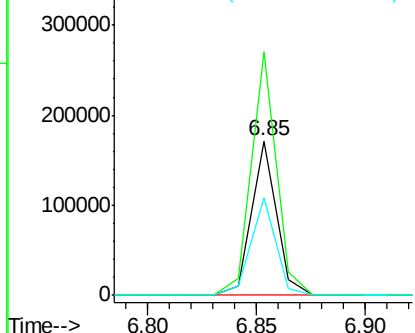
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

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

Tot Ion:152 Resp: 136274
Ion Ratio Lower Upper
152 100
150 158.0 129.6 194.4
115 63.5 56.6 85.0



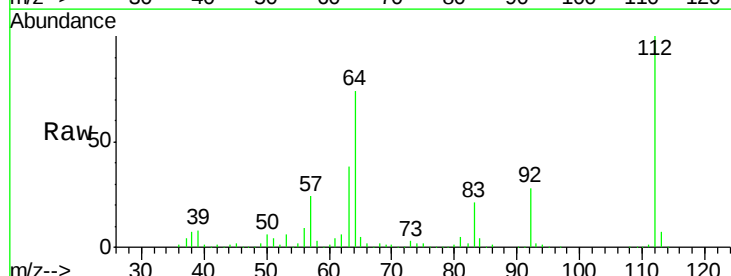
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



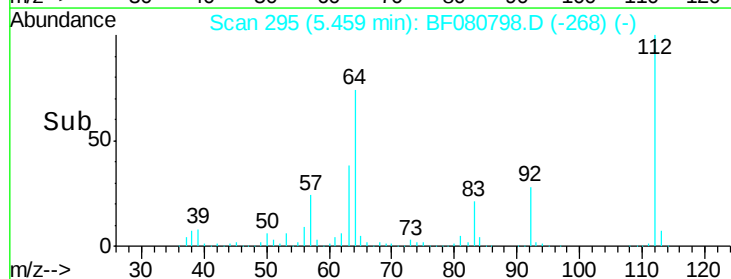
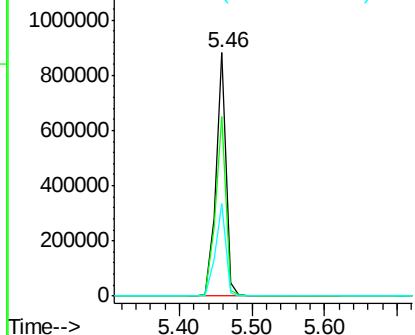
#5

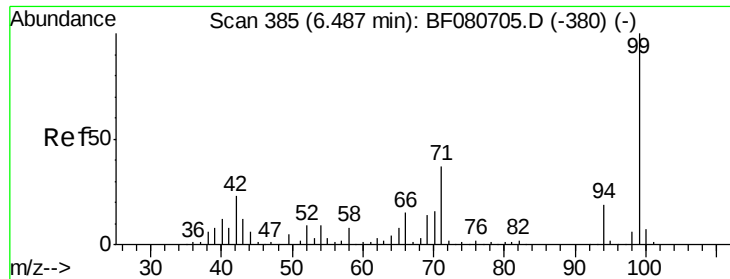
2-Fluorophenol
Concen: 106.28 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

Tgt Ion:112 Resp: 844289
Ion Ratio Lower Upper
112 100
64 73.6 66.8 100.2
63 38.0 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: 111.58 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-2(0-2)

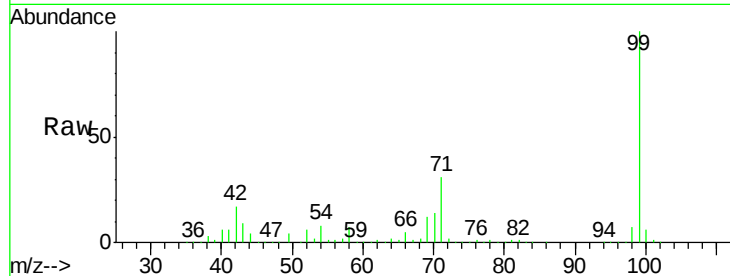
Tot Ion: 99 Resp: 1206745

Ion Ratio Lower Upper

99 100

42 16.8 18.2 27.2#

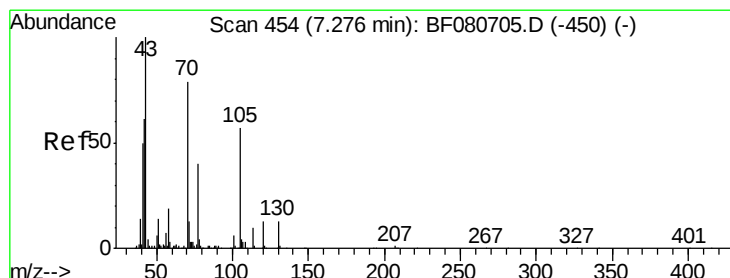
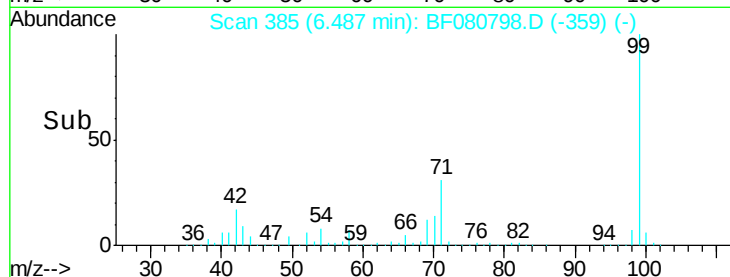
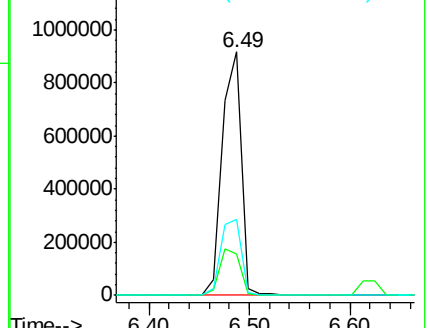
71 31.2 29.5 44.3



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: 12.74 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

Tgt Ion: 70 Resp: 92757

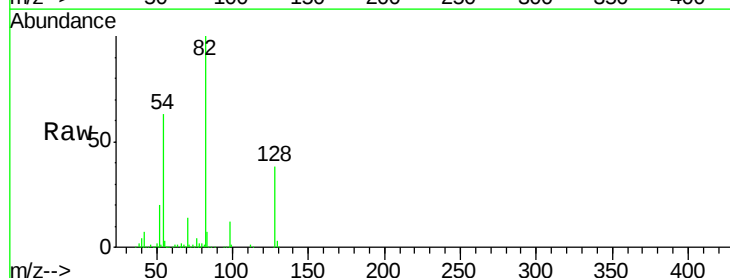
Ion Ratio Lower Upper

70 100

42 53.6 61.8 92.6#

101 0.0 6.1 9.1#

130 1.9 12.9 19.3#

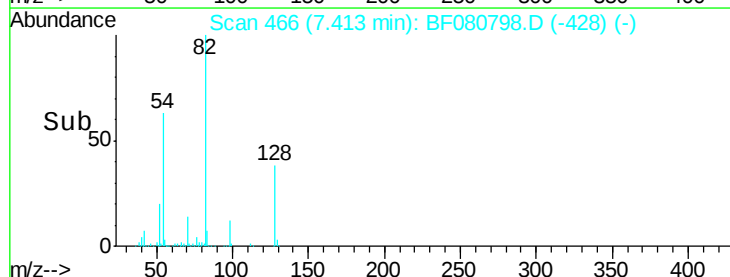
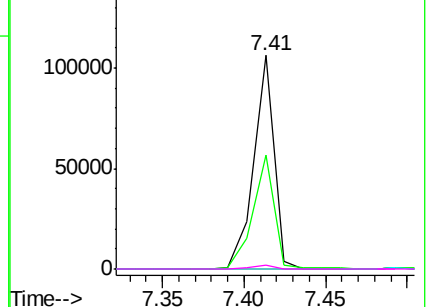


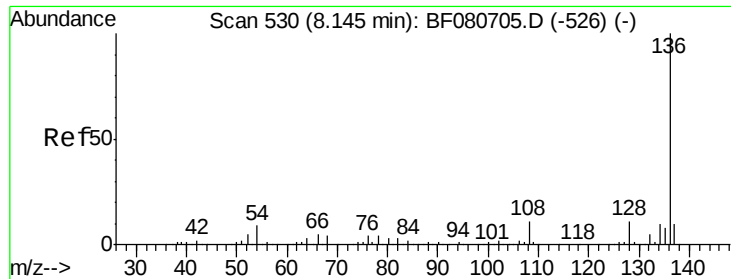
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

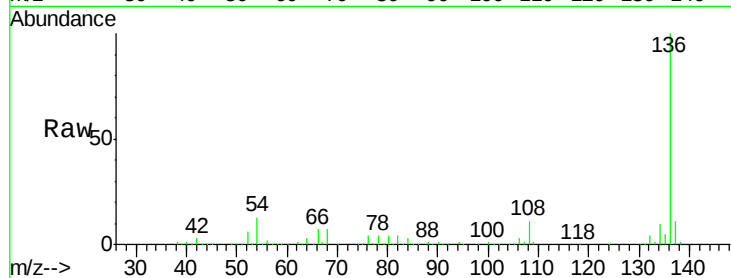




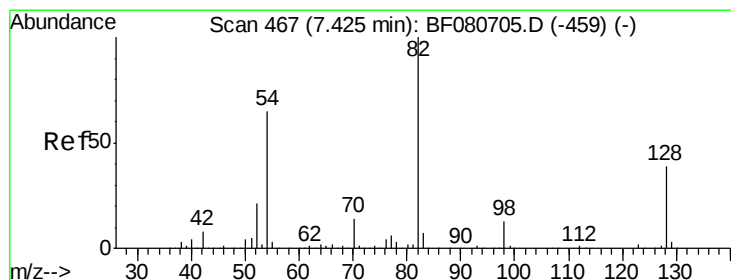
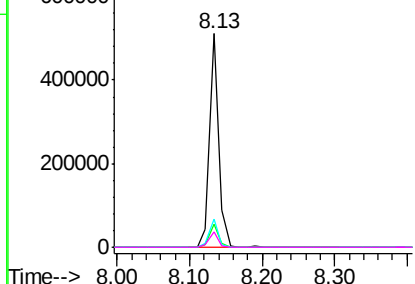
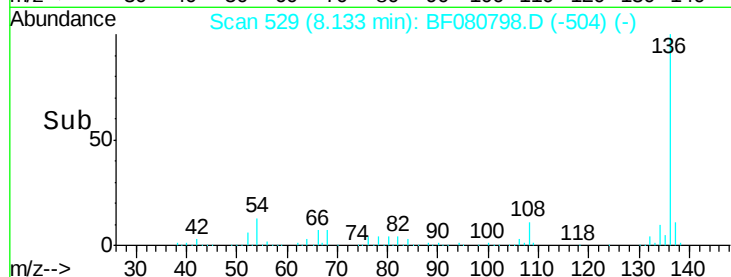
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

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

Tot Ion:136	Resp:	448624
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	13.0	6.9 10.3#
68	7.1	3.5 5.3#

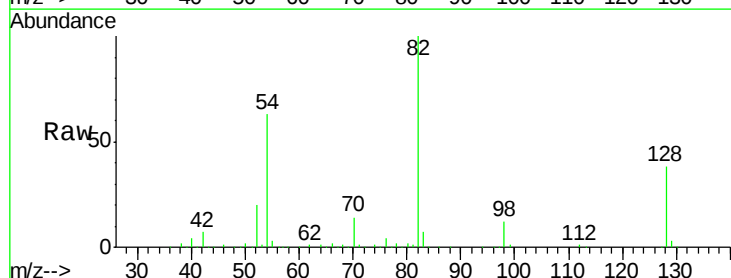


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

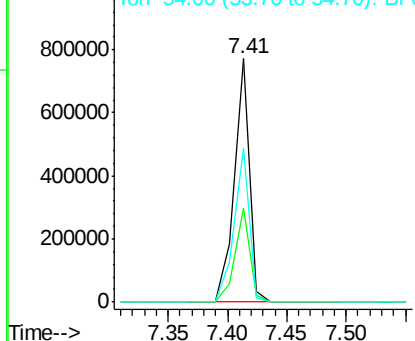
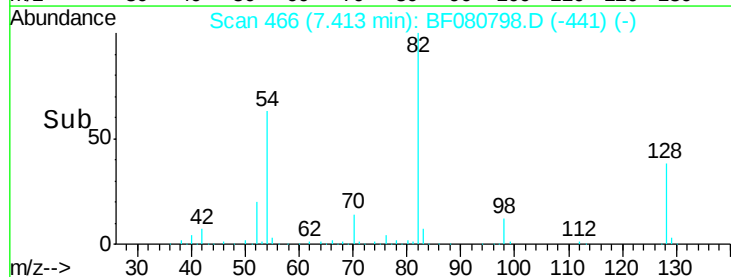


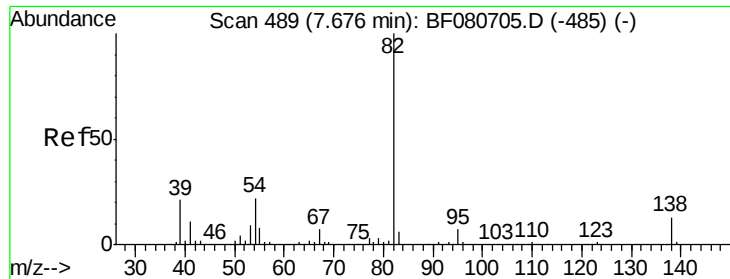
#23
Nitrobenzene-d5
Concen: 73.95 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

Tgt Ion: 82	Resp:	685116
Ion Ratio	Lower	Upper
82	100	
128	38.5	31.5 47.3
54	63.3	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: 41.23 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-2(0-2)

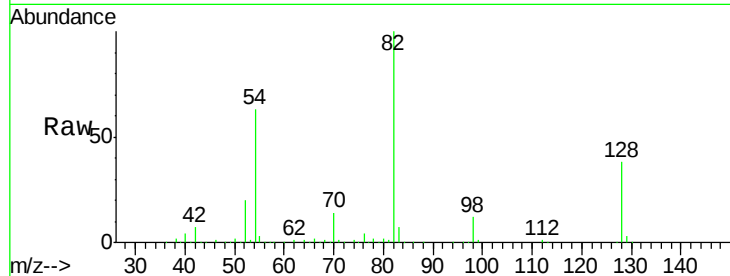
Tot Ion: 82 Resp: 679338

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#

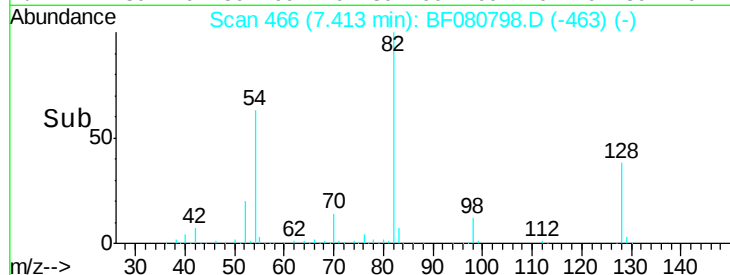


Abundance Ion 82.00 (81.70 to 82.70): BF080798.D (-463) (-)

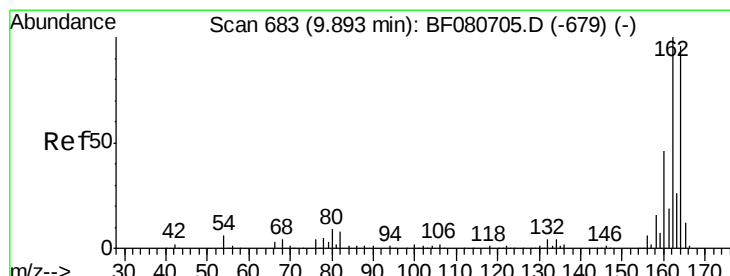
Ion 95.00 (94.70 to 95.70): BF080798.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF080798.D (-463) (-)

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

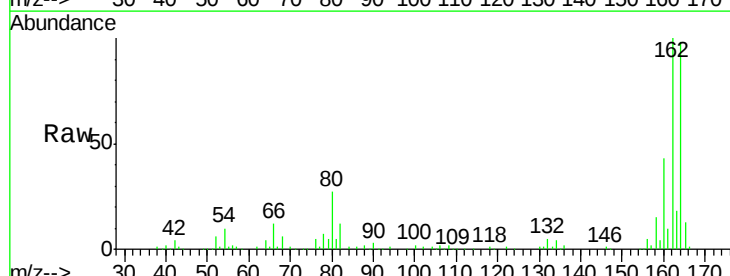
Tgt Ion: 164 Resp: 188085

Ion Ratio Lower Upper

164 100

162 102.3 83.4 125.0

160 44.4 38.0 57.0

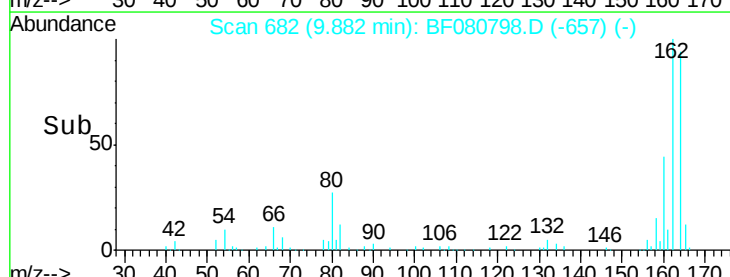


Abundance Ion 164.00 (163.70 to 164.70): BF080798.D (-657) (-)

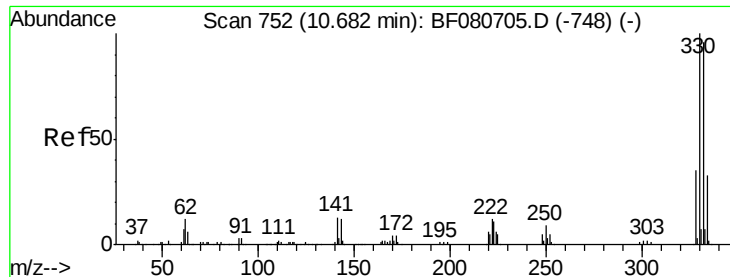
Ion 162.00 (161.70 to 162.70): BF080798.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080798.D (-657) (-)

Time-->



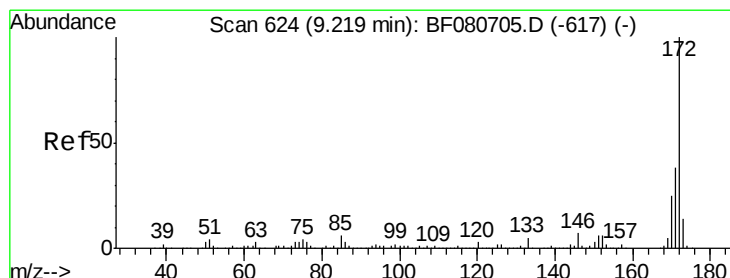
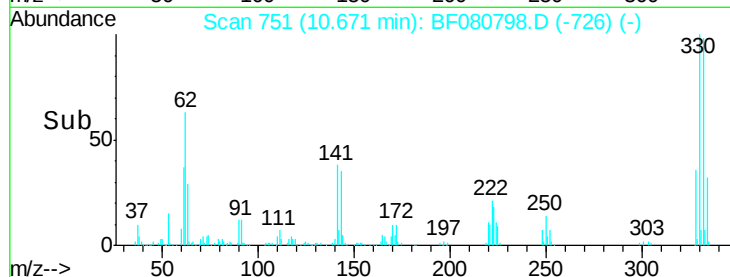
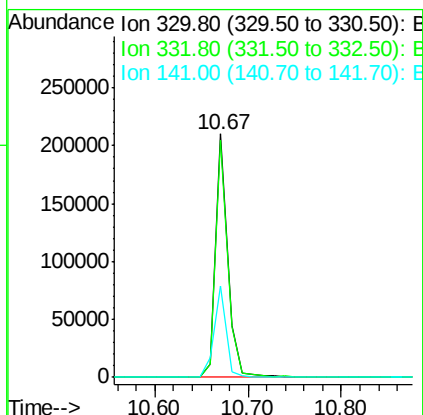
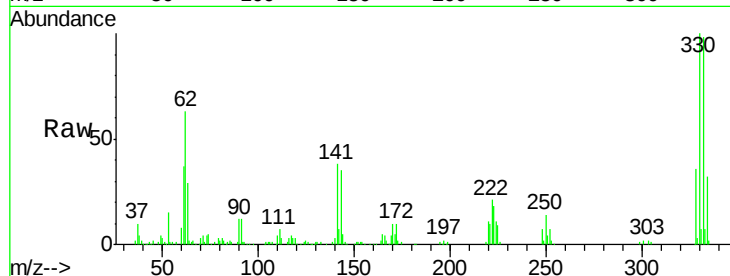
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 98.11 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080798.D
 Acq: 2 Aug 2015 00:10

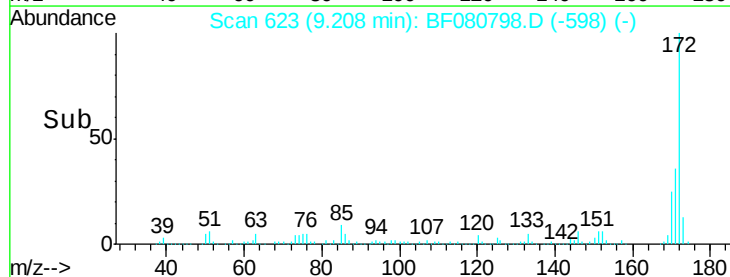
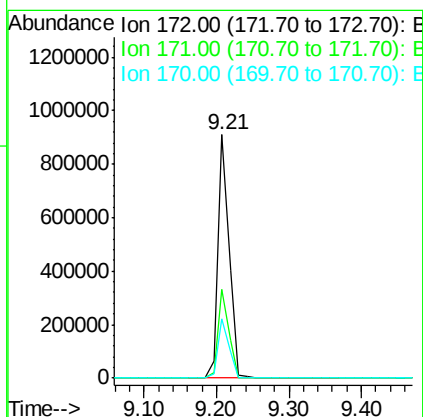
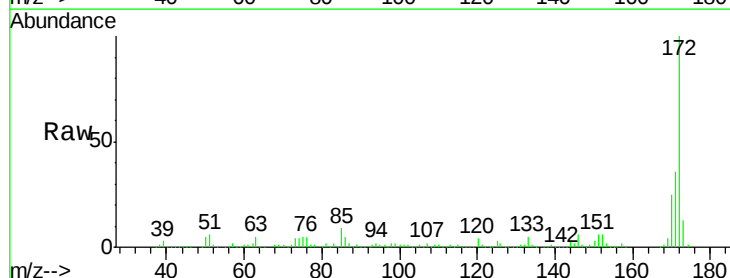
Instrument :
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 RAMP-AC-2(0-2)

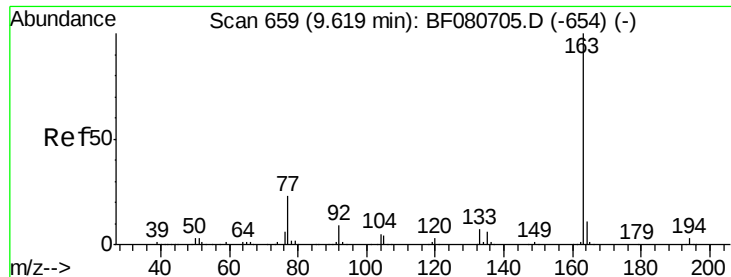
Tot Ion:330 Resp: 191478
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 37.4 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 76.66 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080798.D
 Acq: 2 Aug 2015 00:10

Tgt Ion:172 Resp: 966528
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.2 45.4
 170 24.6 20.2 30.2

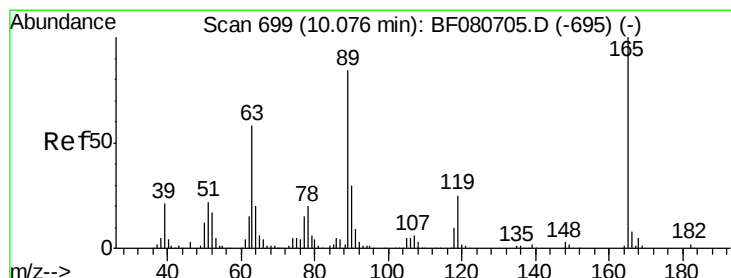
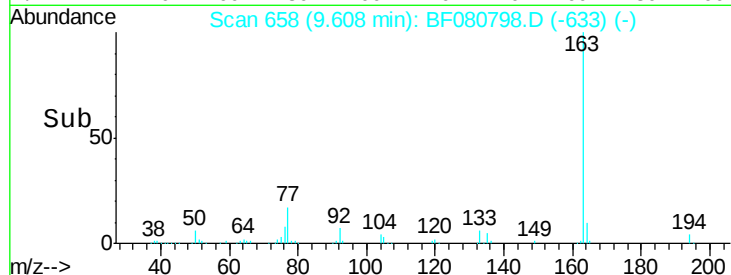
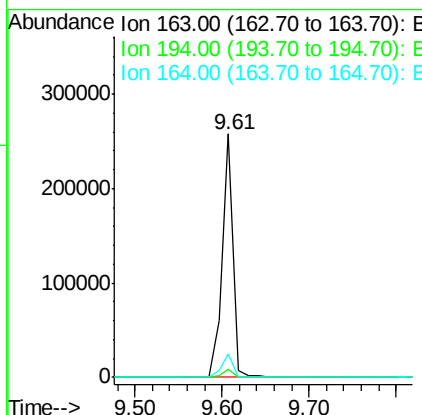
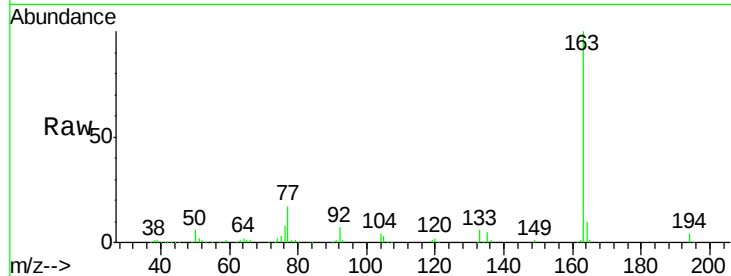




#49
Dimethylphthalate
Concen: 17.23 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

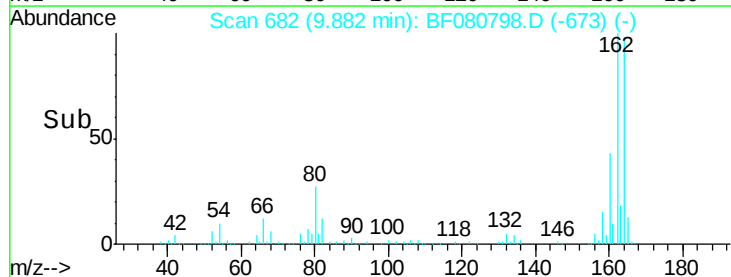
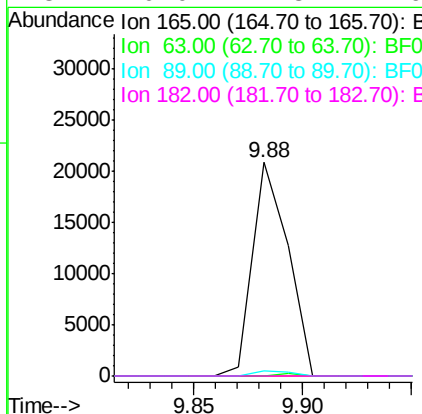
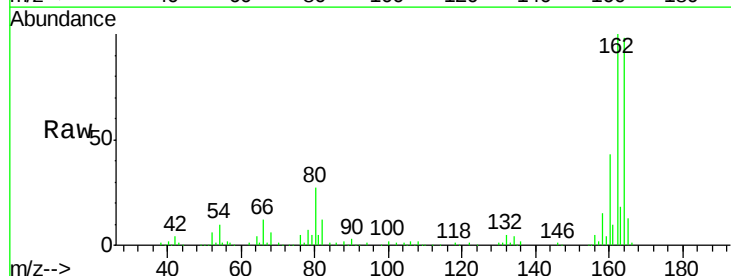
Instrument :
BNA_F
ClientSampleId :
RAMP-AC-2(0-2)

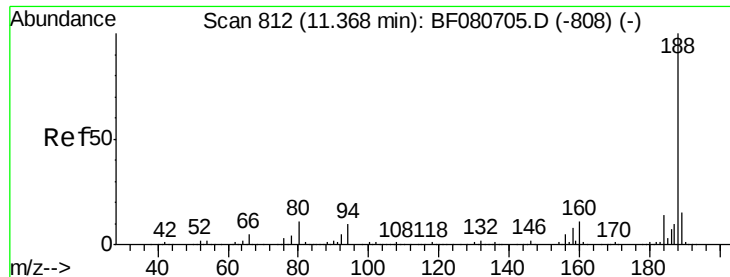
Tot Ion:163 Resp: 228370
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

Tgt Ion:165 Resp: 23588
Ion Ratio Lower Upper
165 100
63 0.0 46.7 70.1#
89 2.2 67.4 101.2#
182 0.0 1.8 2.6#

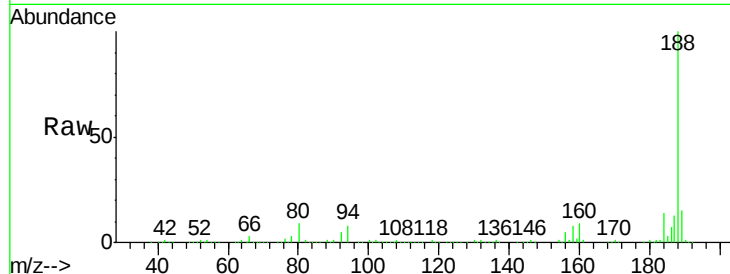




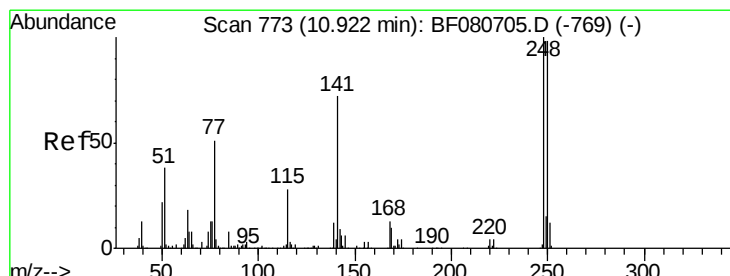
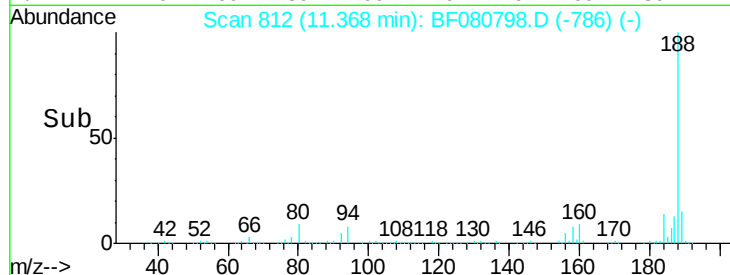
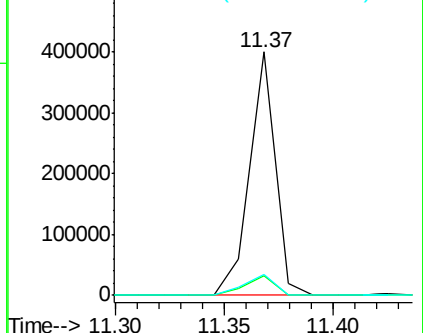
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080798.D
 Acq: 2 Aug 2015 00:10

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

Tot Ion:188 Resp: 331020
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.1 12.1
 80 8.8 9.1 13.7#

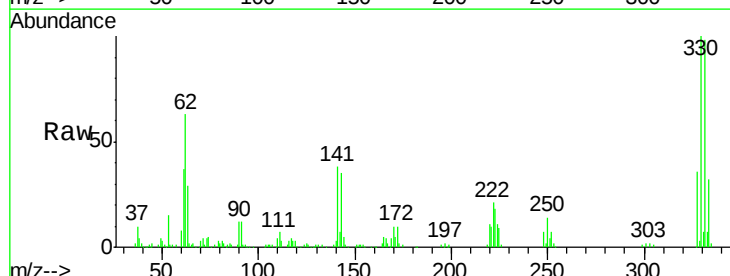


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

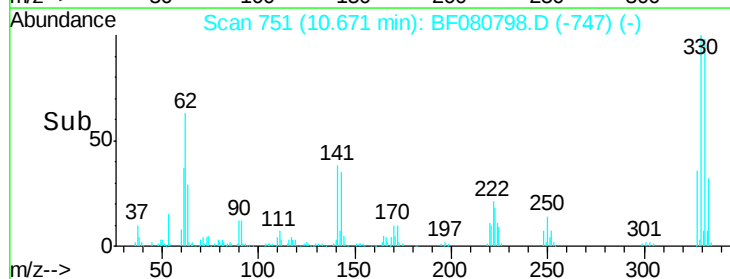
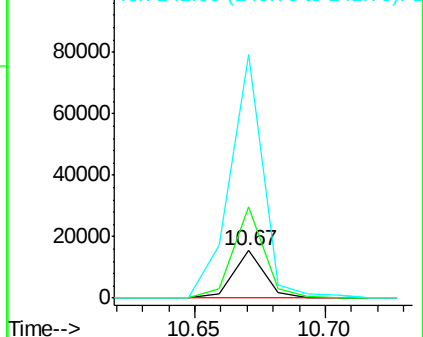


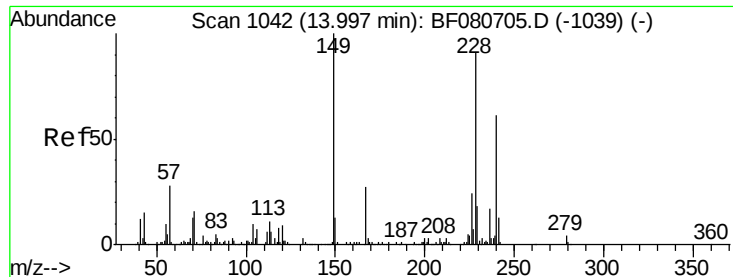
#66
 4-Bromophenyl-phenylether
 Concen: 3.77 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080798.D
 Acq: 2 Aug 2015 00:10

Tgt Ion:248 Resp: 12880
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.4 117.6#
 141 513.8 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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-2(0-2)

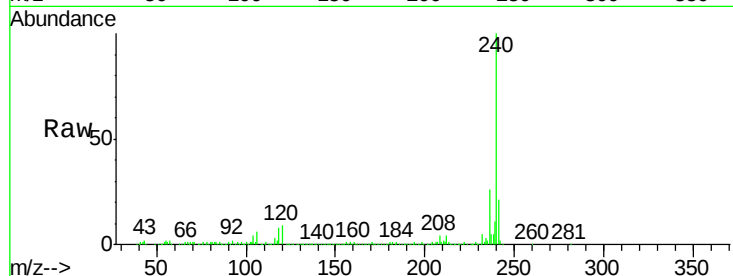
Tot Ion:240 Resp: 391130

Ion Ratio Lower Upper

240 100

120 9.1 11.8 17.8#

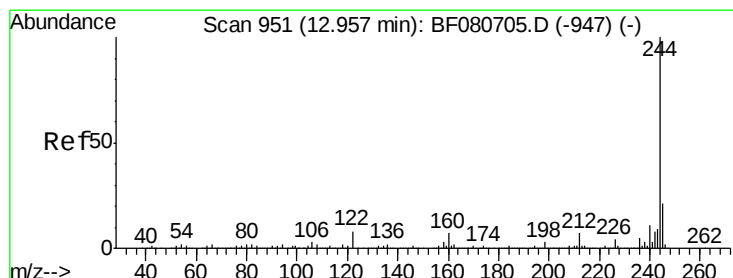
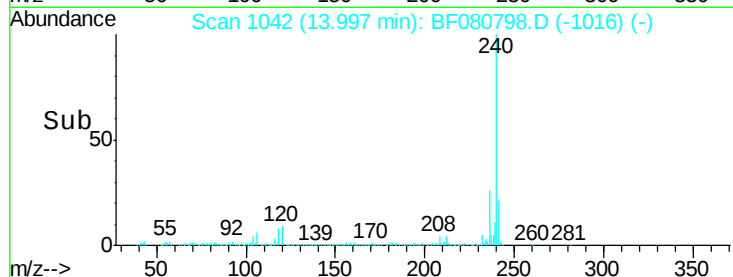
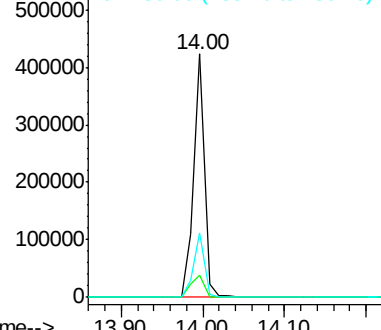
236 26.4 21.8 32.8



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: 39.72 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080798.D

Acq: 2 Aug 2015 00:10

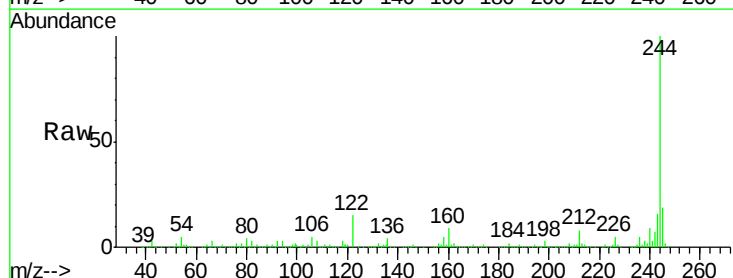
Tgt Ion:244 Resp: 821374

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

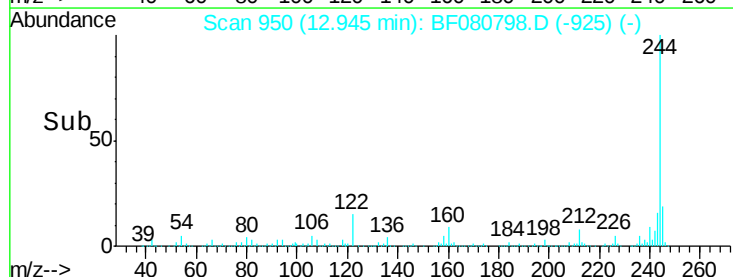
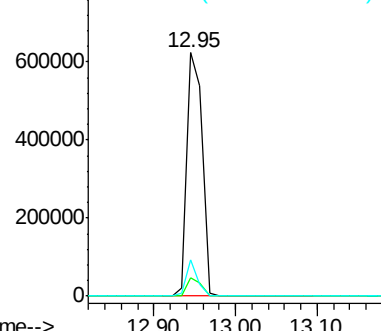
122 15.1 6.6 9.8#

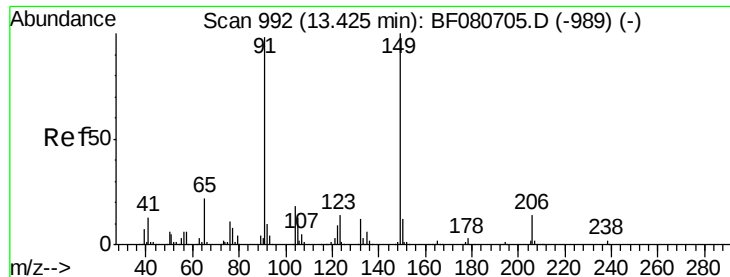


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

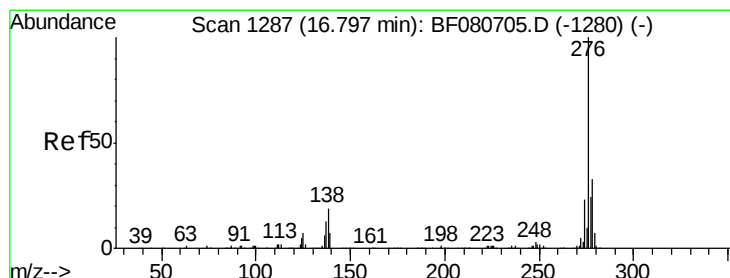
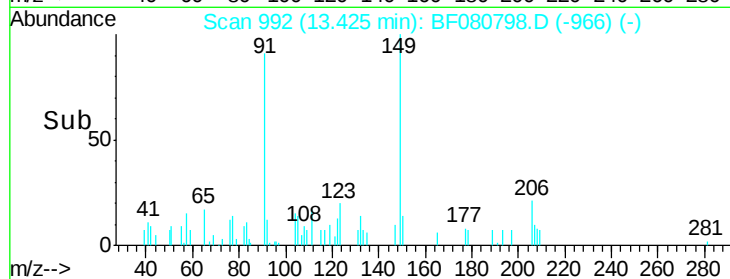
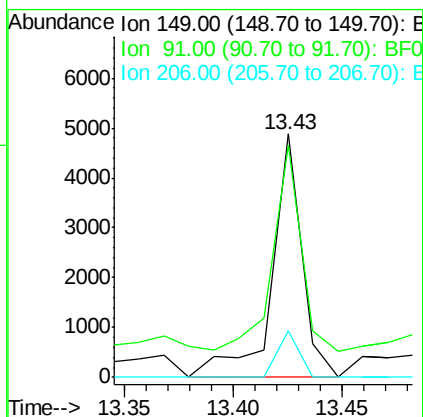
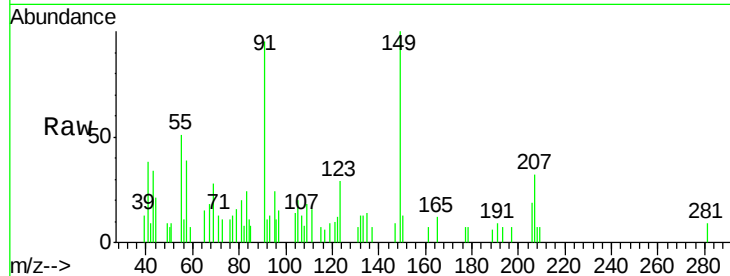




#79
Butylbenzylphthalate
Concen: 2.04 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

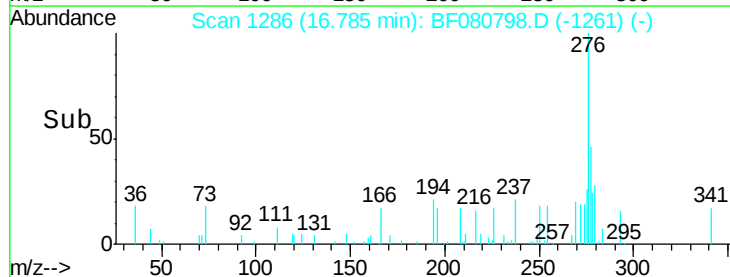
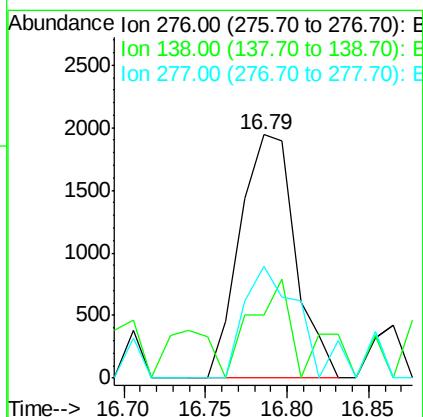
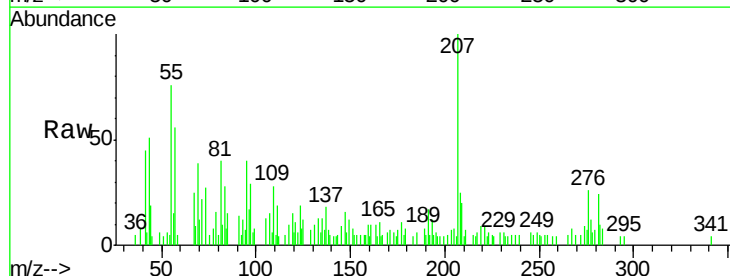
Instrument :
BNA_F
ClientSampleId :
RAMP-AC-2(0-2)

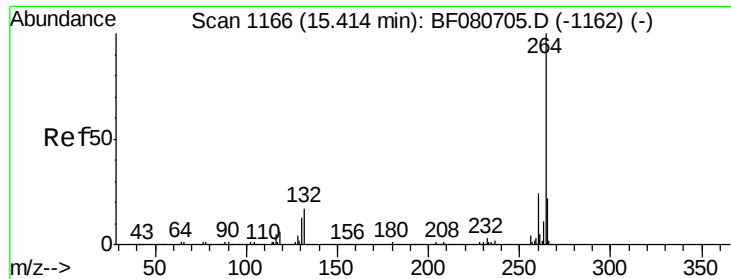
Tot Ion:149 Resp: 4721
Ion Ratio Lower Upper
149 100
91 95.5 78.6 118.0
206 19.4 11.4 17.2#



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF080798.D
Acq: 2 Aug 2015 00:10

Tgt Ion:276 Resp: 4576
Ion Ratio Lower Upper
276 100
138 37.5 13.2 19.8#
277 46.0 15.4 23.2#

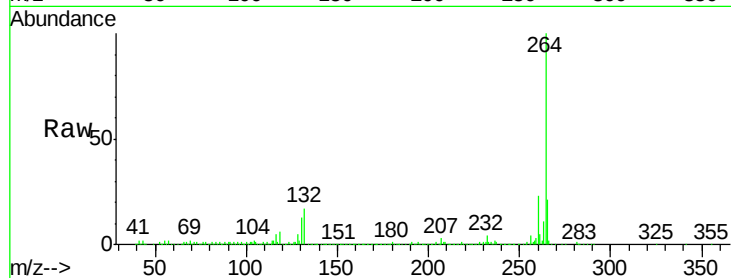




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080798.D
 Acq: 2 Aug 2015 00:10

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	21.4	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

