

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080799.D
 Acq On : 2 Aug 2015 00:41
 Operator : TP/UM
 Sample : G3127-15
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-3(0-2)

Quant Time: Aug 03 03:52:11 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

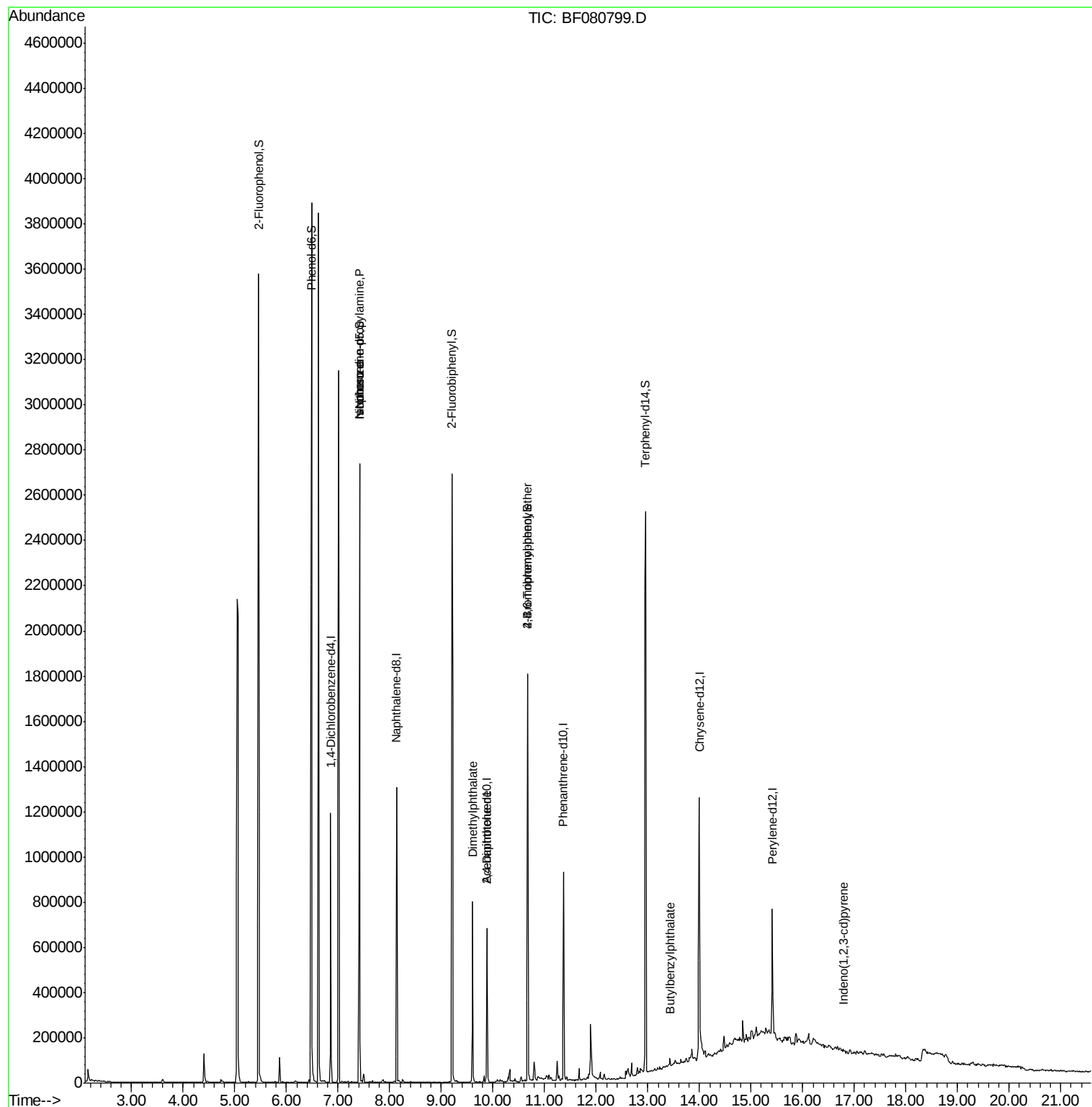
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147828	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	511767	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	175211	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	320157	20.00	ng	0.00
75) Chrysene-d12	14.00	240	373739	20.00	ng	0.00
86) Perylene-d12	15.41	264	257404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	971662	112.76	ng	0.01
7) Phenol-d6	6.49	99	1472167	125.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	822797	77.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	194499	106.98	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1084165	92.31	ng	-0.01
78) Terphenyl-d14	12.96	244	1103568	55.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	2513	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	114874	14.54	ng	# 72
25) Isophorone	7.41	82	816780	43.46	ng	# 71
49) Dimethylphthalate	9.61	163	325911	26.40	ng	99
56) 2,4-Dinitrotoluene	9.88	165	22460	6.54	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	12879	3.90	ng	# 1
79) Butylbenzylphthalate	13.43	149	6195	2.17	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.79	276	6116	2.91	ng	# 52

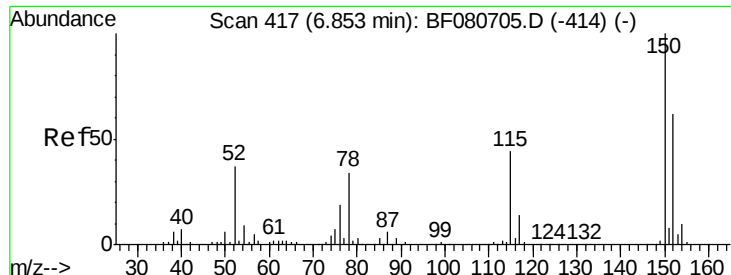
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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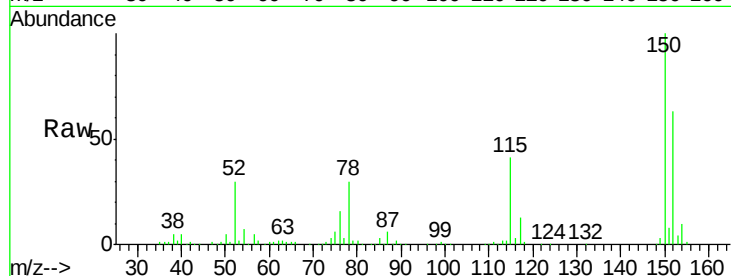


#1

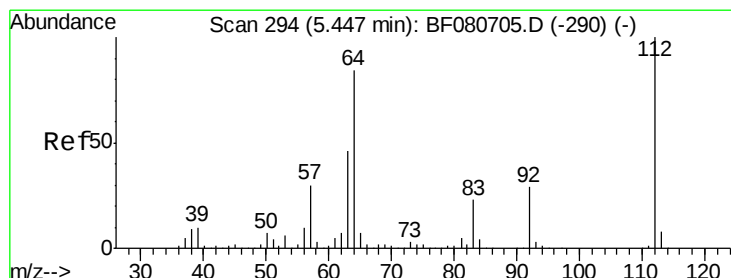
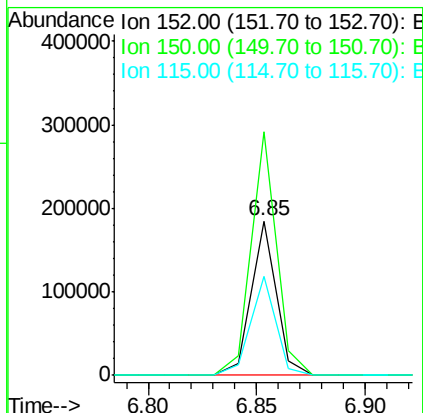
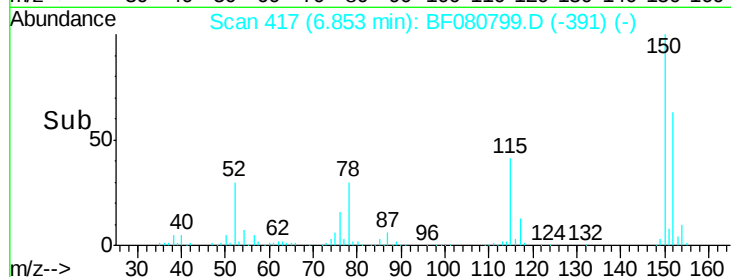
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

Instrument :
BNA_F
ClientSampleId :
RAMP-AC-3(0-2)

Tot Ion:152 Resp: 147828
Ion Ratio Lower Upper
152 100
150 157.8 129.6 194.4
115 64.3 56.6 85.0



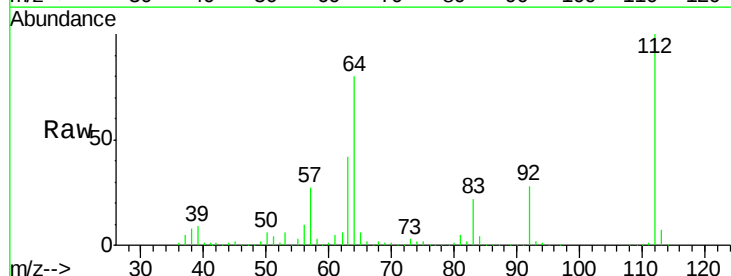
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



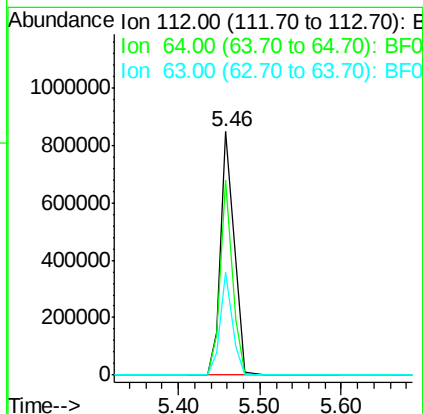
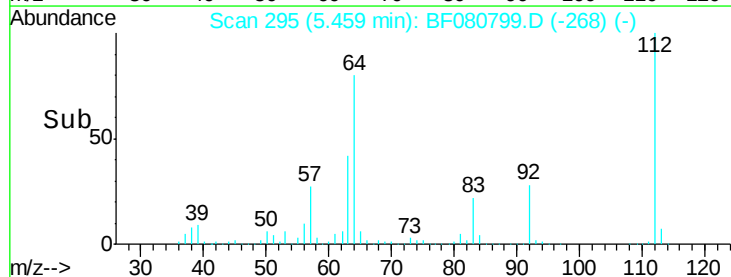
#5

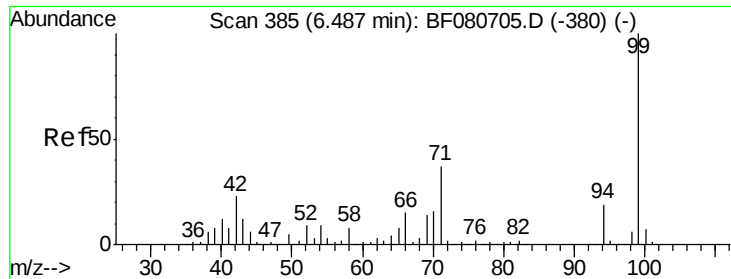
2-Fluorophenol
Concen: 112.76 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

Tgt Ion:112 Resp: 971662
Ion Ratio Lower Upper
112 100
64 80.1 66.8 100.2
63 42.2 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: 125.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

Instrument :

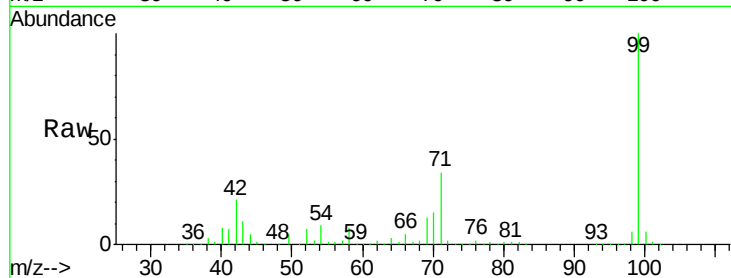
BNA_F

ClientSampleId :

RAMP-AC-3(0-2)

Tot Ion: 99 Resp: 1472167

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	34.3	29.5	44.3

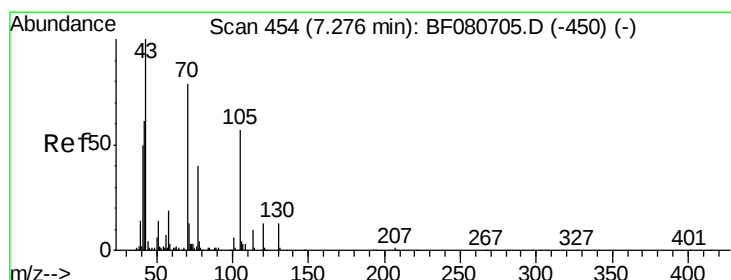
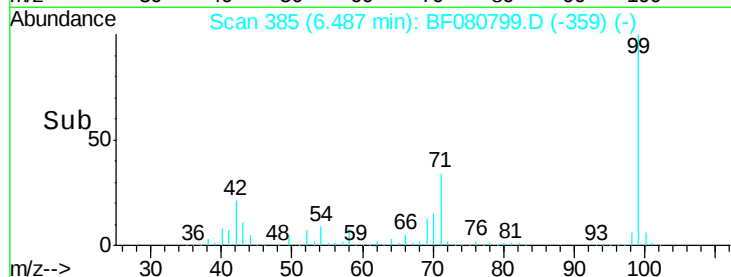
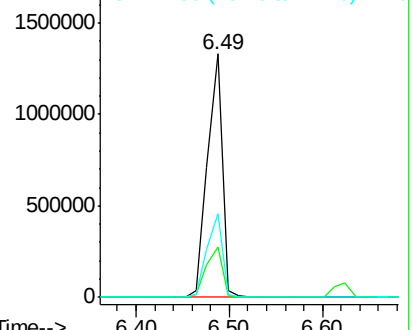


Abundance

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: 14.54 ng

RT: 7.41 min Scan# 466

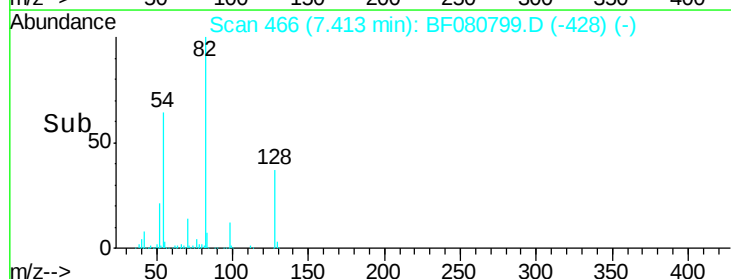
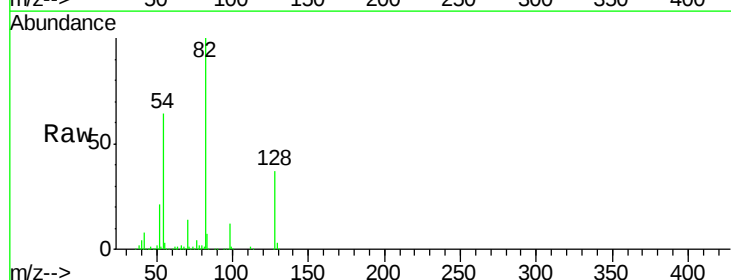
Delta R.T. 0.14 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

Tgt Ion: 70 Resp: 114874

Ion	Ratio	Lower	Upper
70	100		
42	53.3	61.8	92.6#
101	0.0	6.1	9.1#
130	1.6	12.9	19.3#



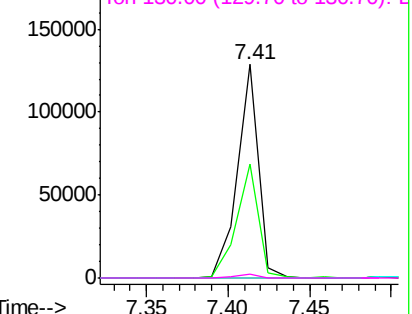
Abundance

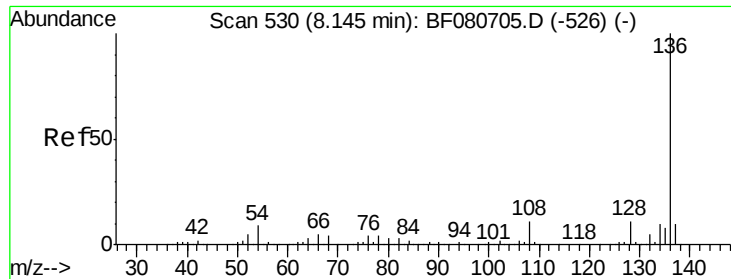
Ion 70.00 (69.70 to 70.70): BF0

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

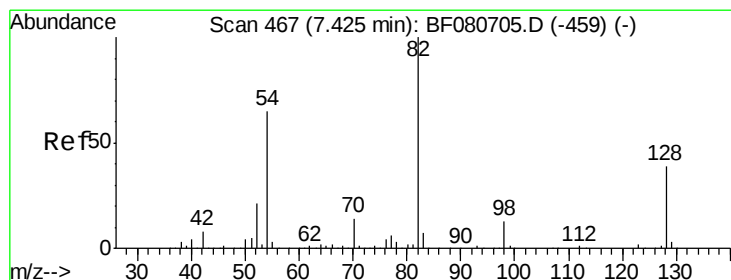
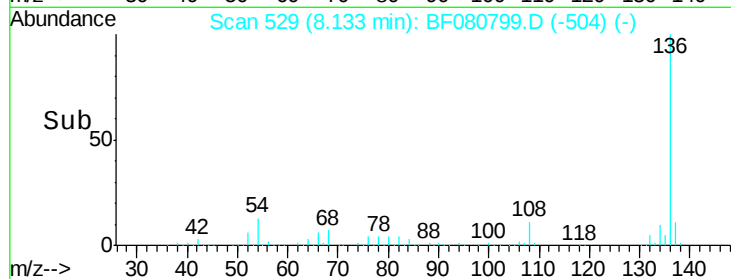
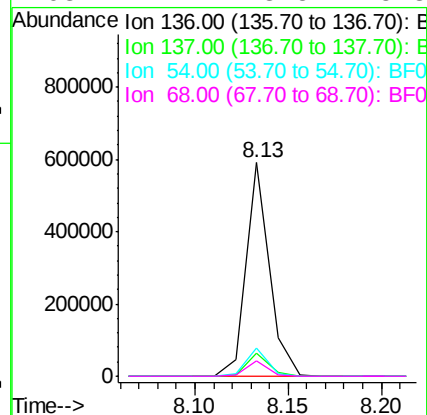
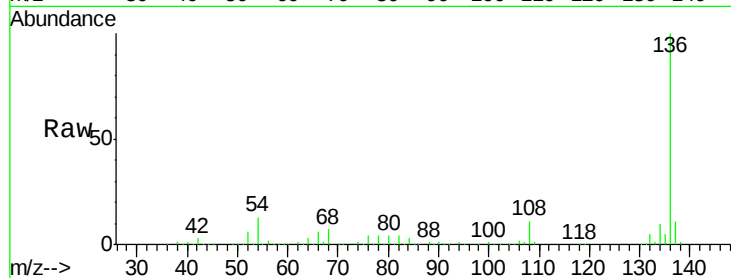




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

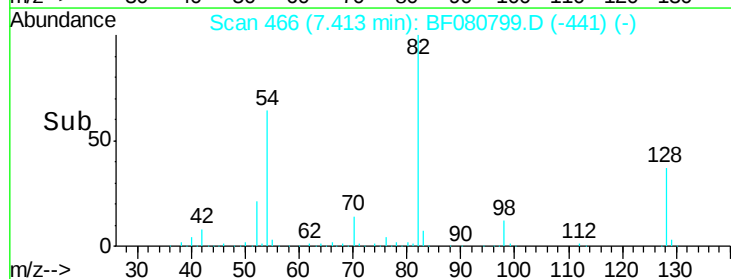
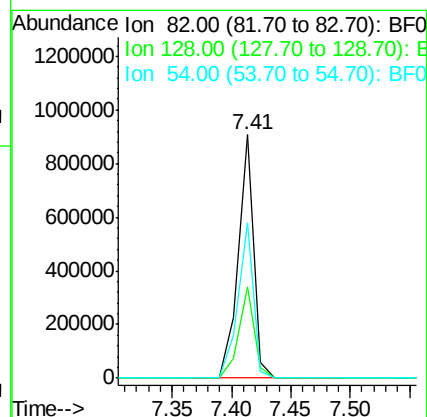
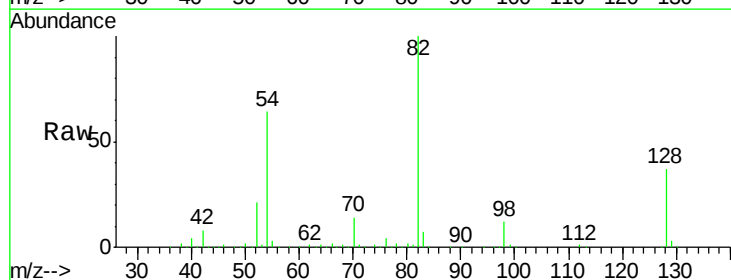
Instrument :
BNA_F
ClientSampleId :
RAMP-AC-3(0-2)

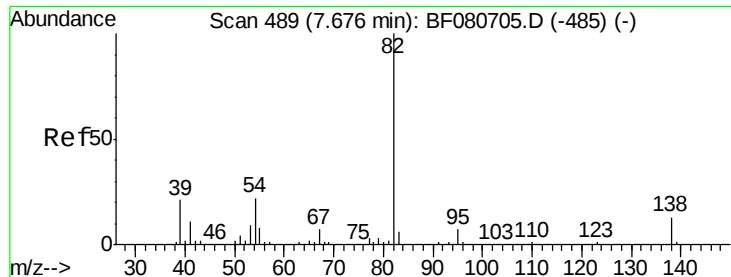
Tot Ion:136	Resp:	511767
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.4 12.6
54	13.0	6.9 10.3#
68	7.1	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 77.86 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

Tgt Ion: 82	Resp:	822797
Ion Ratio	Lower	Upper
82	100	
128	37.4	31.5 47.3
54	64.0	51.8 77.8





#25

Isophorone

Concen: 43.46 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-3(0-2)

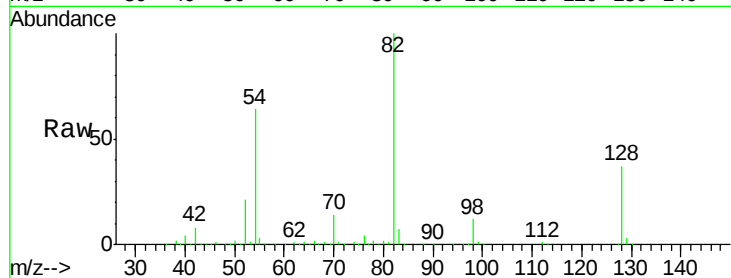
Tot Ion: 82 Resp: 816780

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

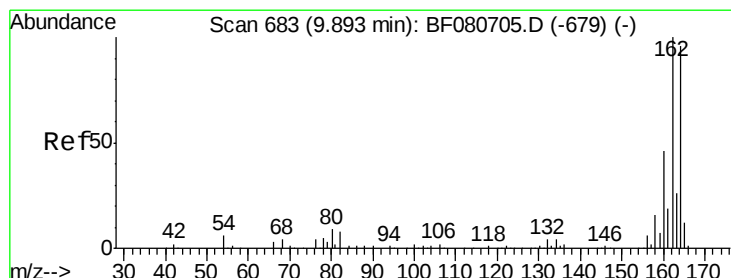
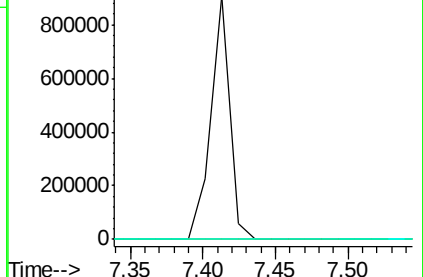
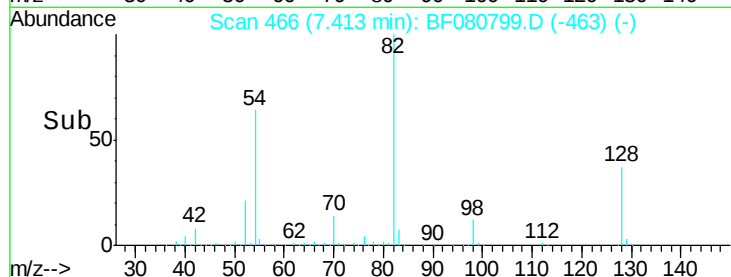
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080799.D (-463) (-)

Ion 95.00 (94.70 to 95.70): BF080799.D (-463) (-)

Ion 138.00 (137.70 to 138.70): BF080799.D (-463) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

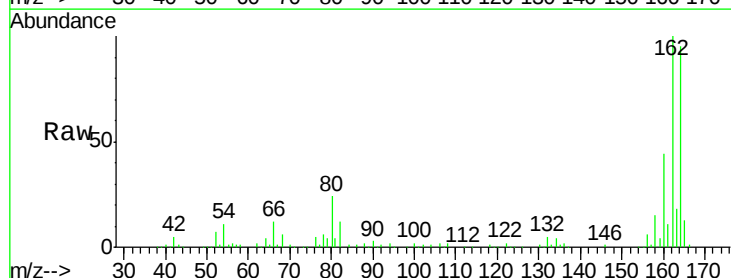
Tgt Ion:164 Resp: 175211

Ion Ratio Lower Upper

164 100

162 105.1 83.4 125.0

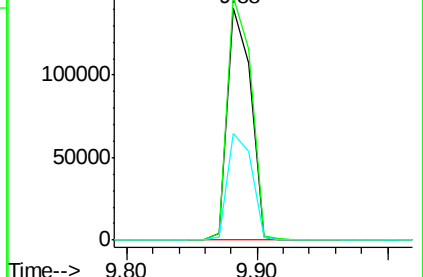
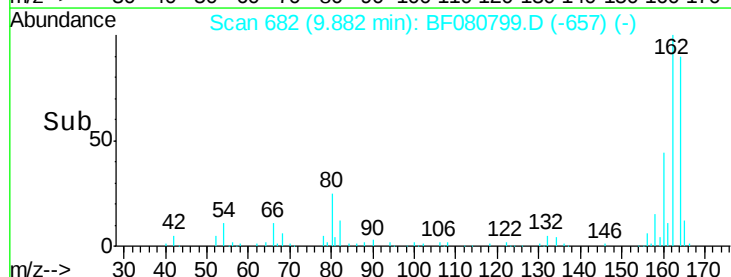
160 46.2 38.0 57.0

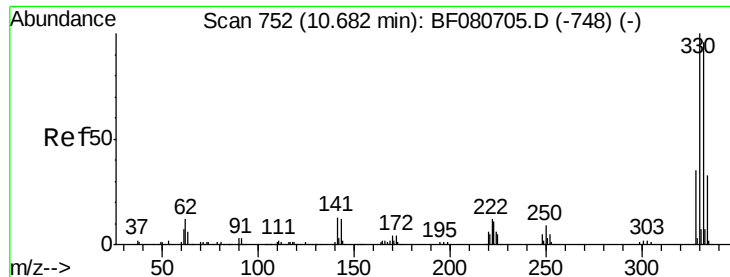


Abundance Ion 164.00 (163.70 to 164.70): BF080799.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080799.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080799.D (-657) (-)

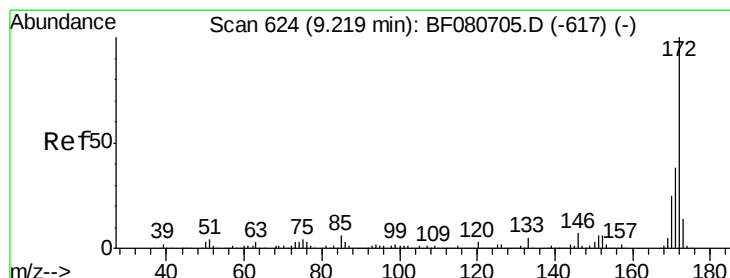
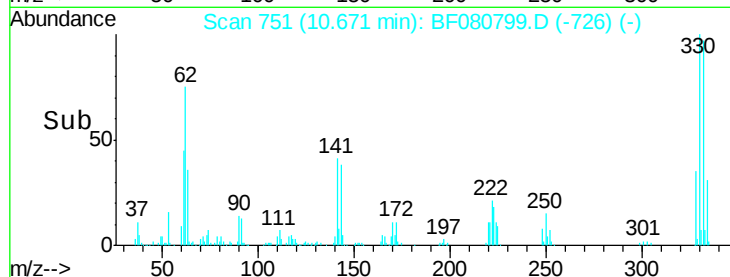
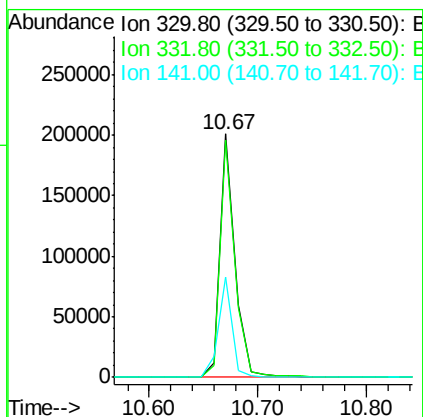
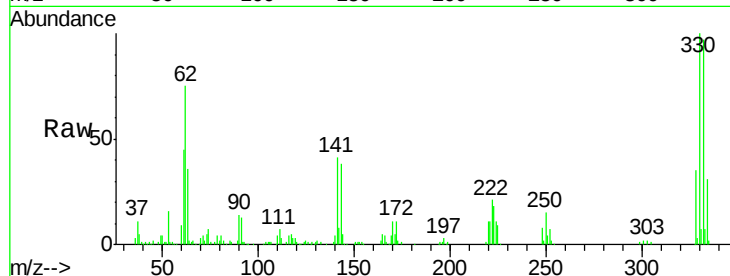




#41
 2,4,6-Tribromophenol
 Concen: 106.98 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080799.D
 Acq: 2 Aug 2015 00:41

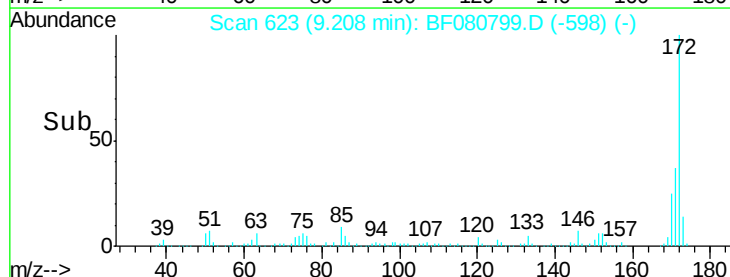
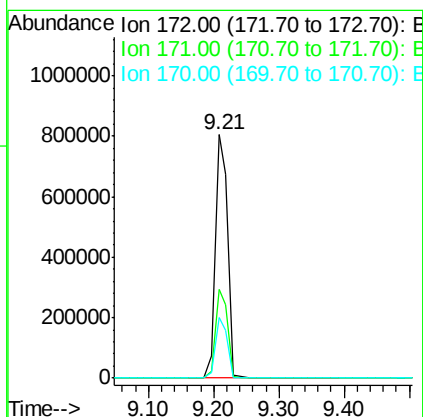
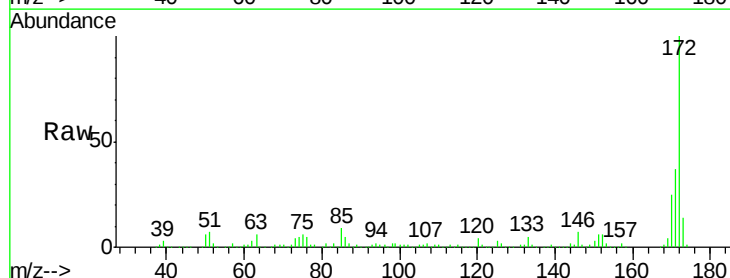
Instrument :
 BNA_F
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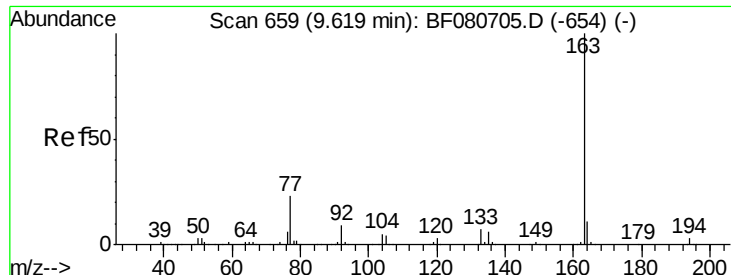
Tot Ion:330 Resp: 194499
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.6 26.0 39.0



#44
 2-Fluorobiphenyl
 Concen: 92.31 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080799.D
 Acq: 2 Aug 2015 00:41

Tgt Ion:172 Resp: 1084165
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.2 45.4
 170 24.8 20.2 30.2

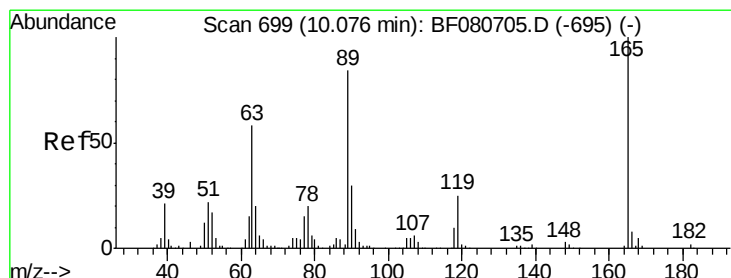
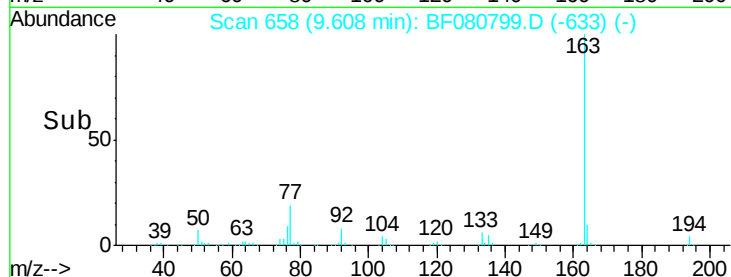
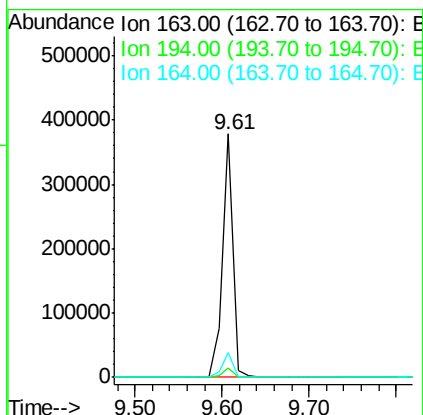
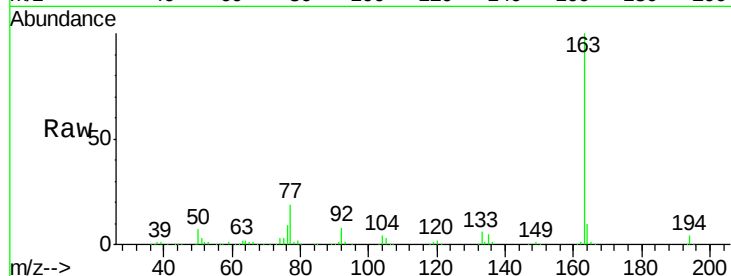




#49
Dimethylphthalate
Concen: 26.40 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

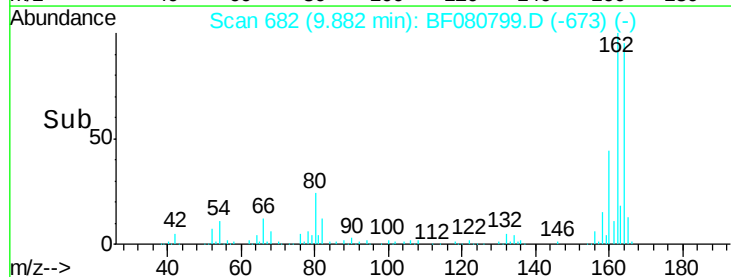
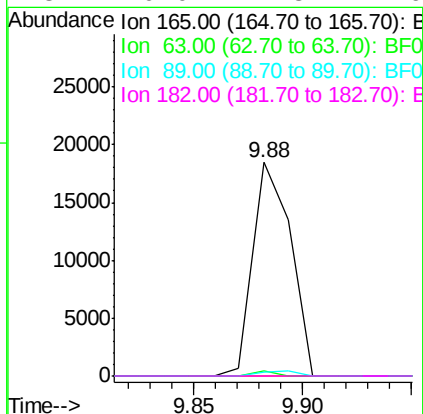
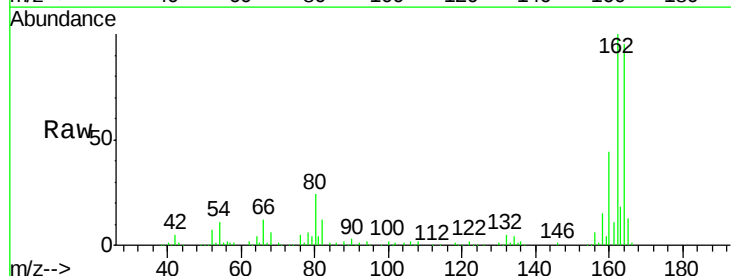
Instrument :
BNA_F
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RAMP-AC-3(0-2)

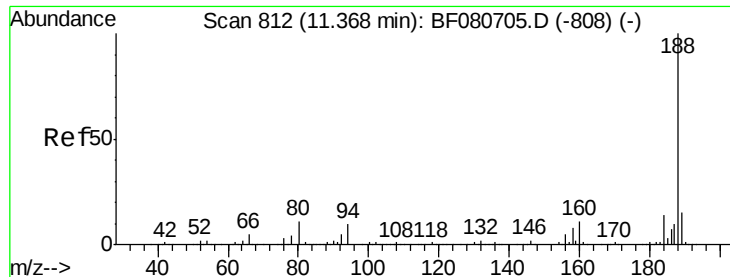
Tot Ion:163 Resp: 325911
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

Tgt Ion:165 Resp: 22460
Ion Ratio Lower Upper
165 100
63 2.2 46.7 70.1#
89 1.7 67.4 101.2#
182 0.0 1.8 2.6#

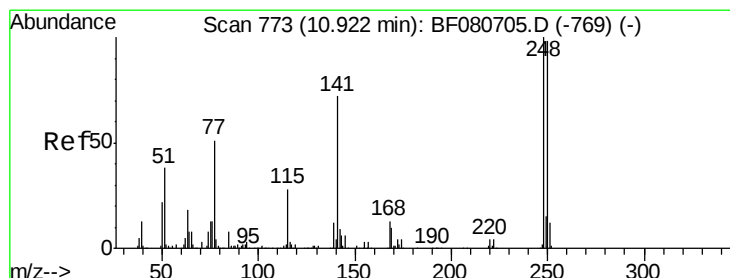
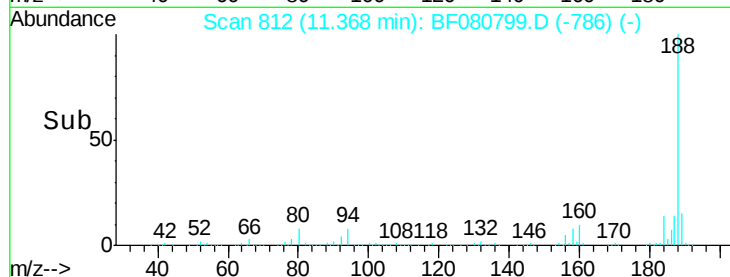
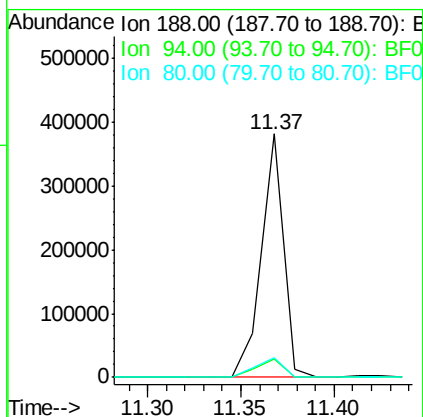
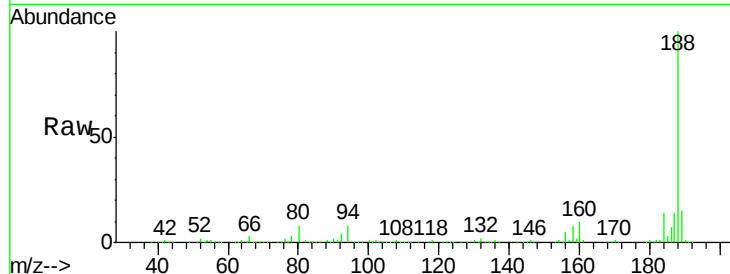




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

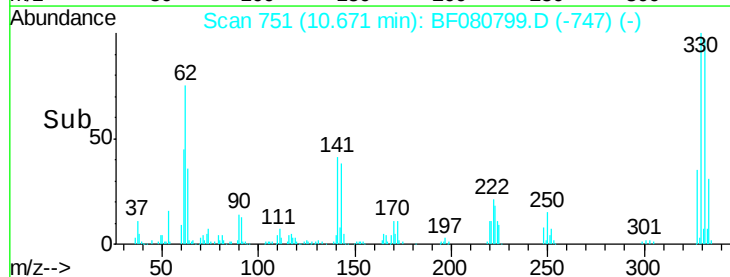
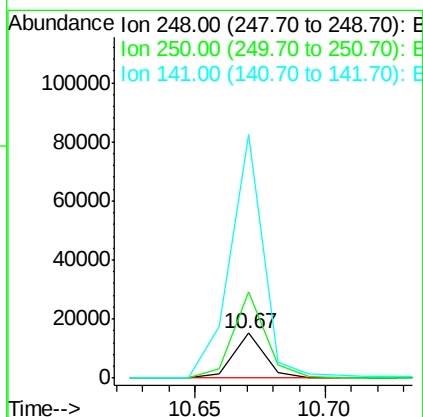
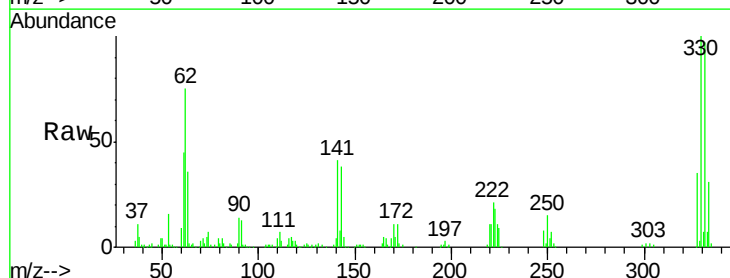
Instrument :
BNA_F
ClientSampleId :
RAMP-AC-3(0-2)

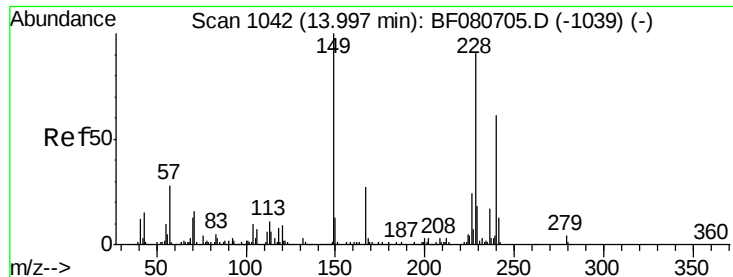
Tot Ion:188 Resp: 320157
Ion Ratio Lower Upper
188 100
94 7.8 8.1 12.1#
80 8.2 9.1 13.7#



#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080799.D
Acq: 2 Aug 2015 00:41

Tgt Ion:248 Resp: 12879
Ion Ratio Lower Upper
248 100
250 193.1 78.4 117.6#
141 542.4 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: BF080799.D

Acq: 2 Aug 2015 00:41

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-3(0-2)

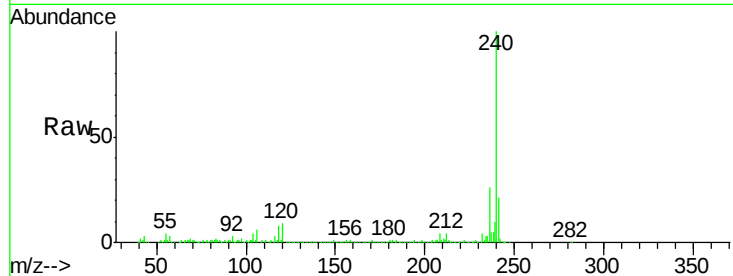
Tot Ion:240 Resp: 373739

Ion Ratio Lower Upper

240 100

120 8.9 11.8 17.8#

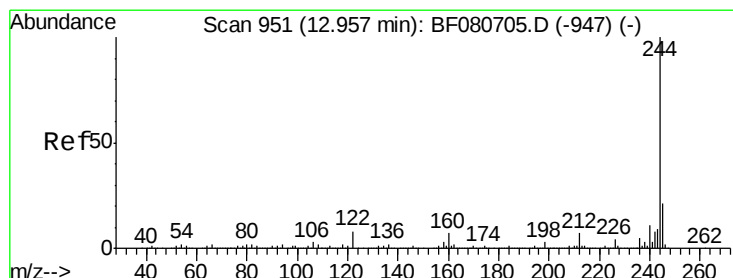
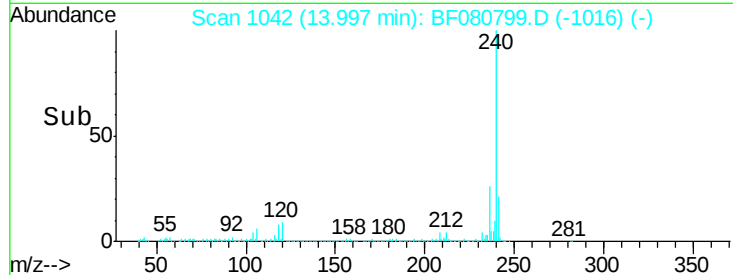
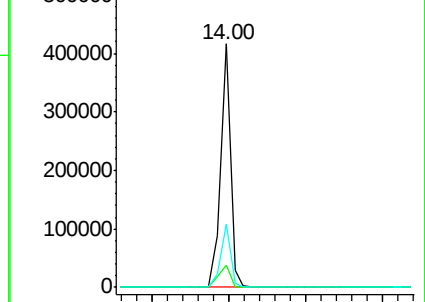
236 25.8 21.8 32.8



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: 55.85 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

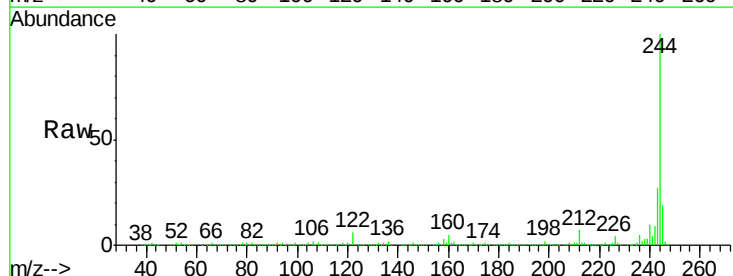
Tgt Ion:244 Resp: 1103568

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

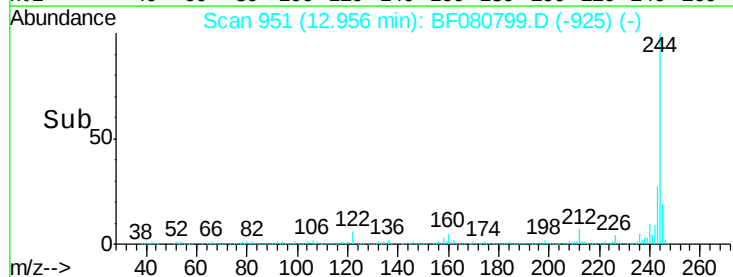
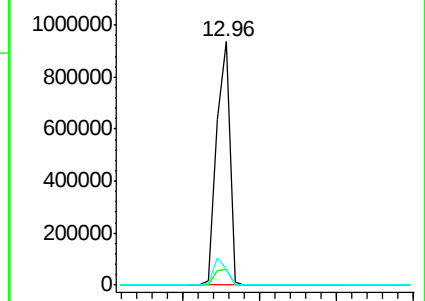
122 6.3 6.6 9.8#

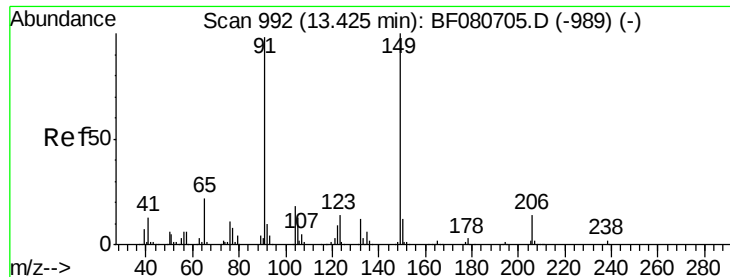


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.17 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

Instrument :

BNA_F

ClientSampleId :

RAMP-AC-3(0-2)

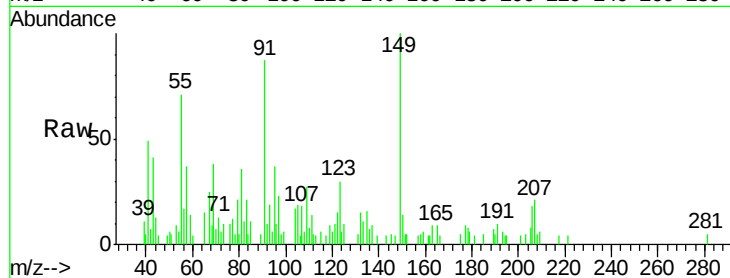
Tot Ion:149 Resp: 6195

Ion Ratio Lower Upper

149 100

91 86.5 78.6 118.0

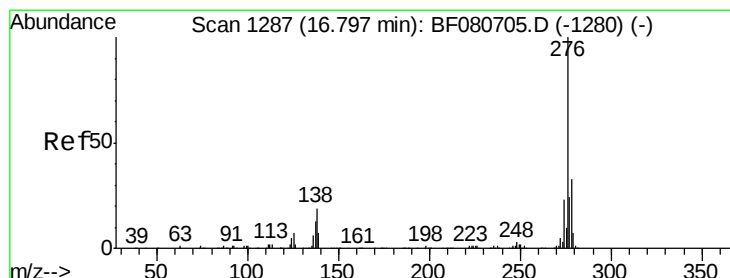
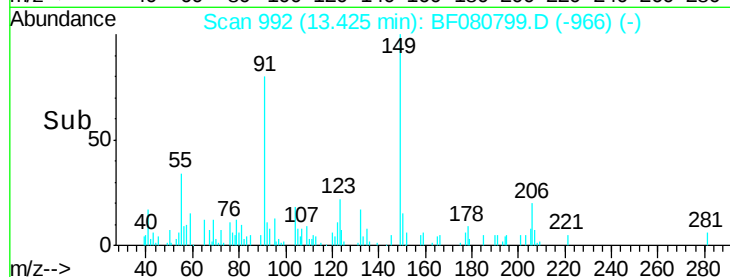
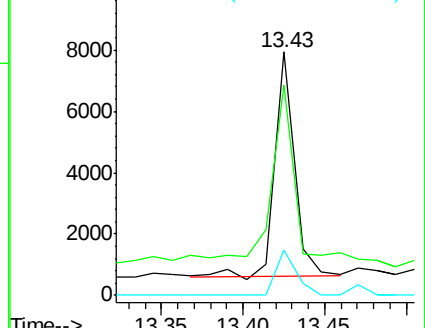
206 18.4 11.4 17.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.91 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF080799.D

Acq: 2 Aug 2015 00:41

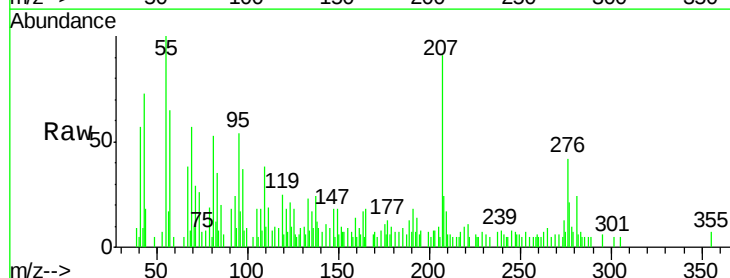
Tgt Ion:276 Resp: 6116

Ion Ratio Lower Upper

276 100

138 18.8 13.2 19.8

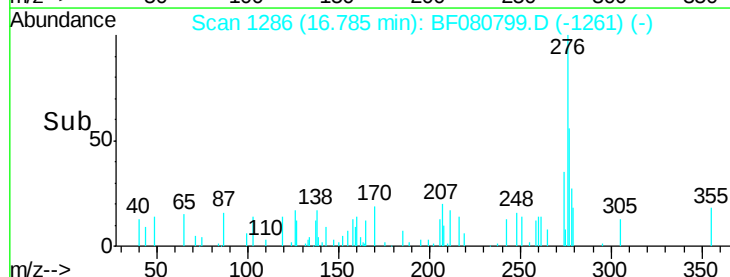
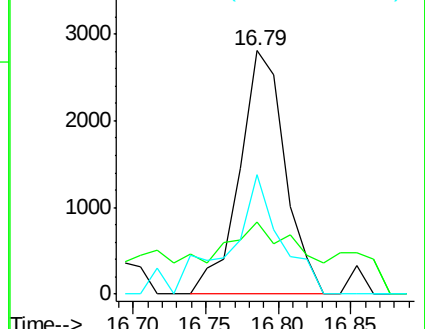
277 57.9 15.4 23.2#

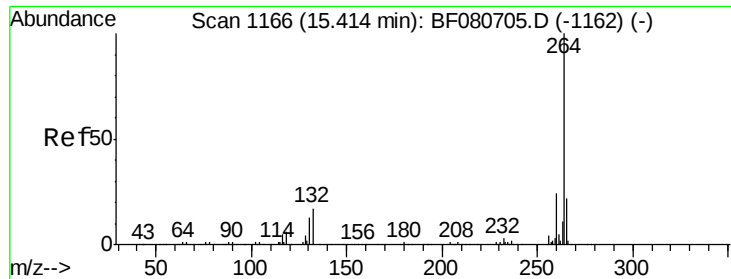


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080799.D
 Acq: 2 Aug 2015 00:41

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-AC-3(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	22.7	17.3	25.9

