

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086252.D
 Acq On : 16 Apr 2016 8:52
 Operator : UM/SJ
 Sample : H2537-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

Quant Time: Apr 18 03:58:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

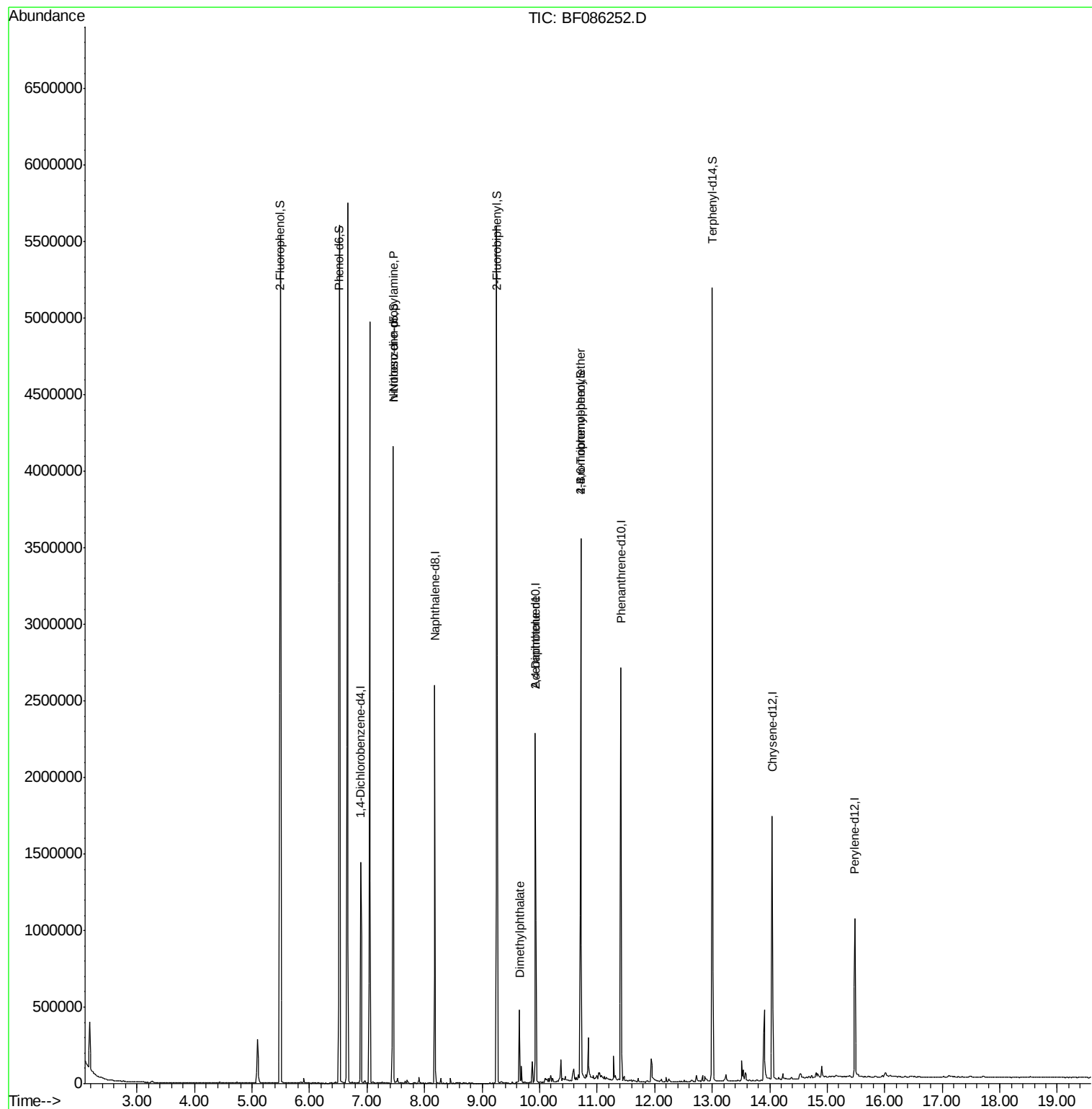
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	273657	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1154380	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489788	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	886030	20.00	ng	0.00
75) Chrysene-d12	14.04	240	564148	20.00	ng	-0.01
86) Perylene-d12	15.48	264	470030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1694806	101.47	ng	0.01
7) Phenol-d6	6.52	99	2245328	107.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	1632042	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429918	109.31	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2202461	82.98	ng	-0.01
78) Terphenyl-d14	13.00	244	1681212	74.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	227765	17.04	ng	# 77
22) Acetophenone	7.30	105	741	Below	Cal	# 78
49) Dimethylphthalate	9.65	163	284481	7.99	ng	98
56) 2,4-Dinitrotoluene	9.93	165	63367	6.28	ng	# 31
57) Fluorene	10.72	166	21693	Below	Cal	# 91
66) 4-Bromophenyl-phenylether	10.72	248	25460	3.08	ng	# 1
71) Anthracene	11.44	178	2258	Below	Cal	99
74) Fluoranthene	12.63	202	1139	Below	Cal	61

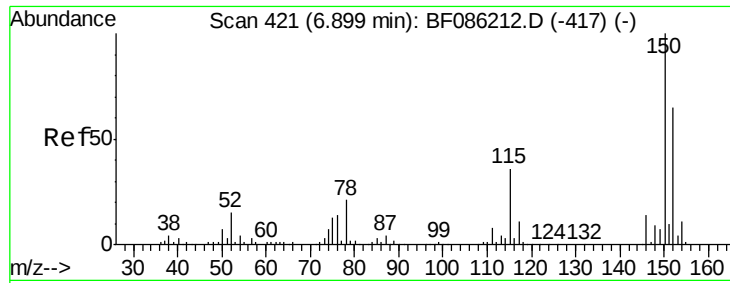
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

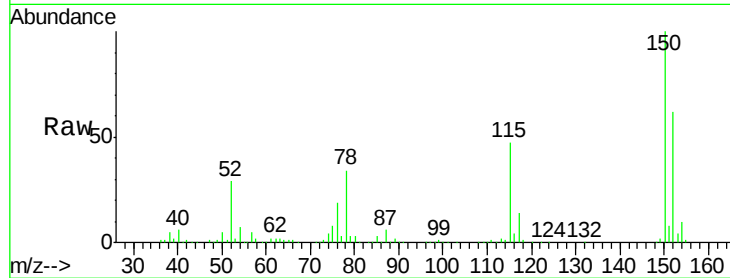
Tgt Ion:152 Resp: 273657

Ion Ratio Lower Upper

152 100

150 161.9 124.1 186.1

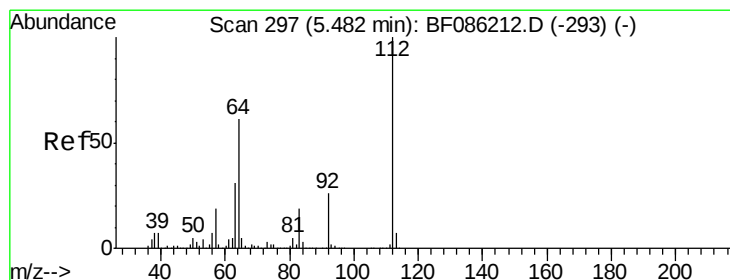
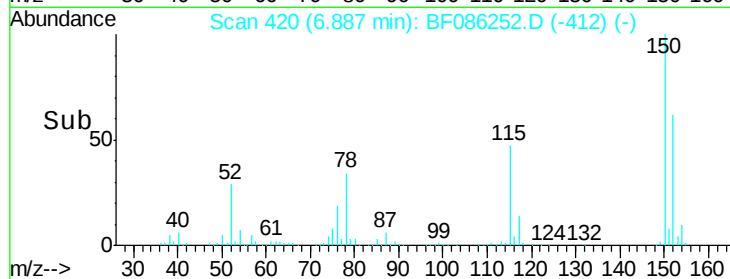
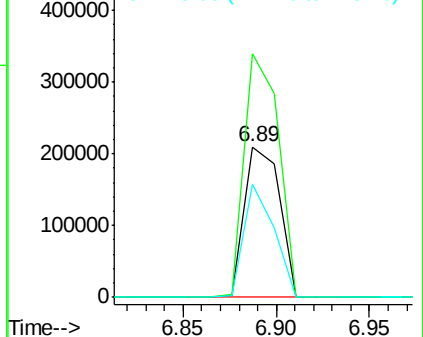
115 75.3 43.9 65.9#



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: 101.47 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

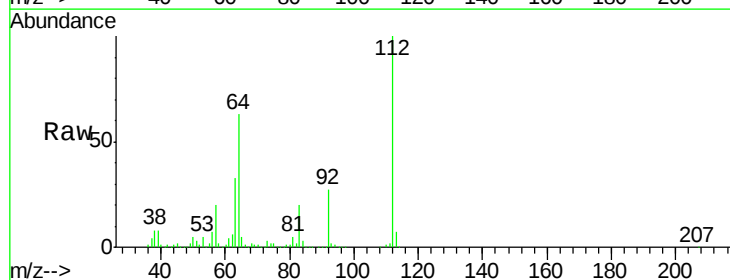
Tgt Ion:112 Resp: 1694806

Ion Ratio Lower Upper

112 100

64 62.6 48.1 72.1

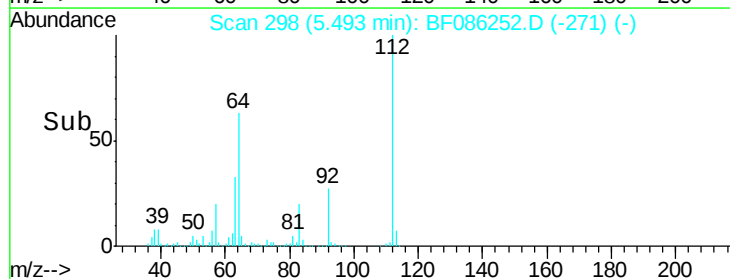
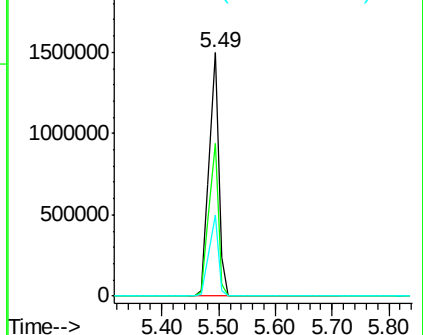
63 33.3 25.5 38.3

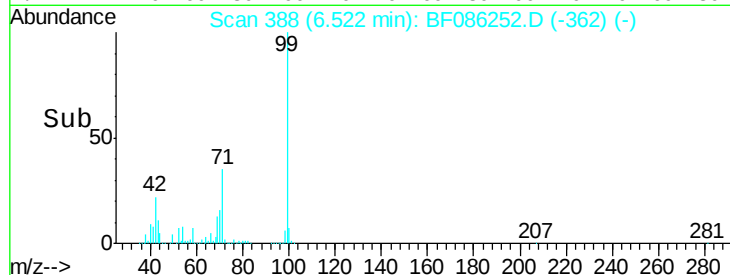
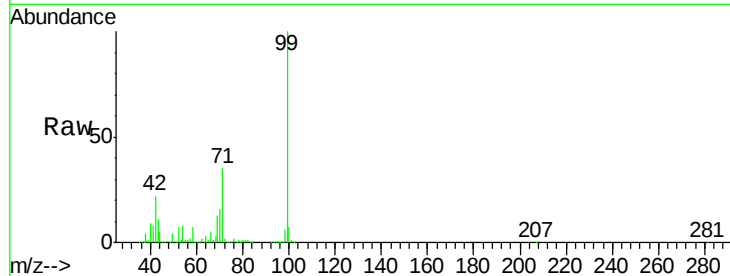
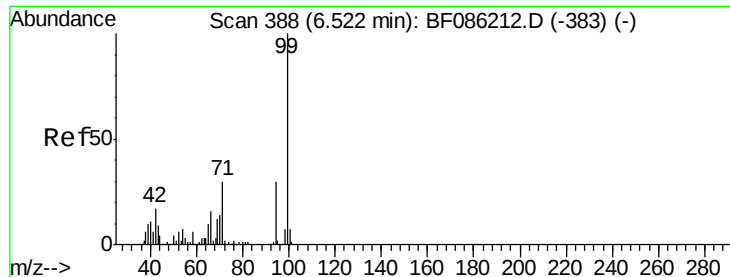


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

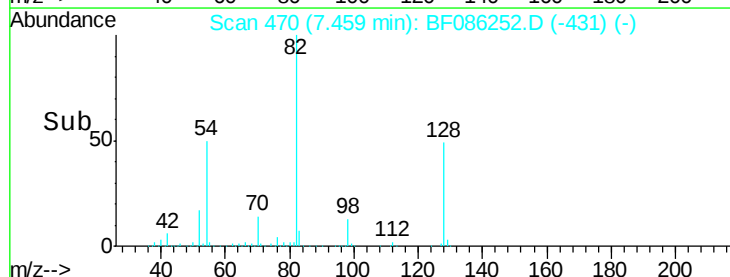
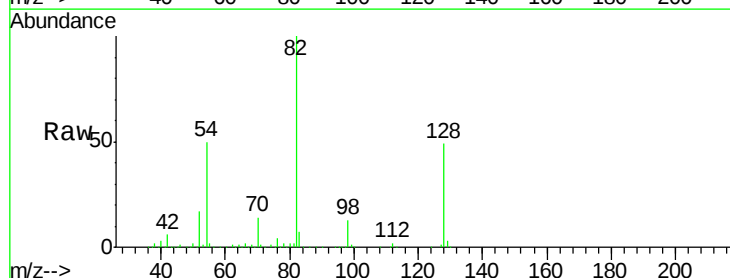
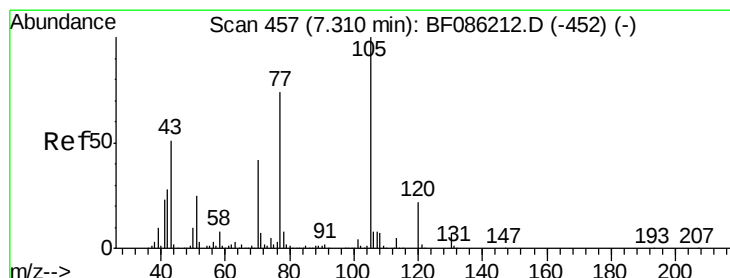
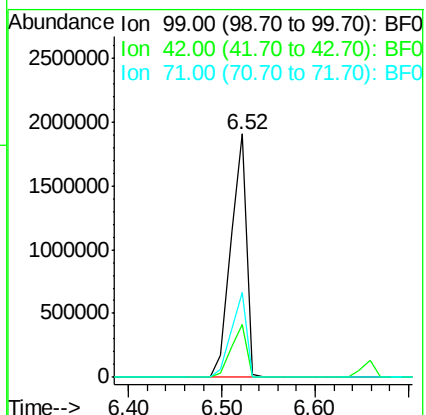
Tgt Ion: 99 Resp: 2245328

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

71 35.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.04 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Tgt Ion: 70 Resp: 227765

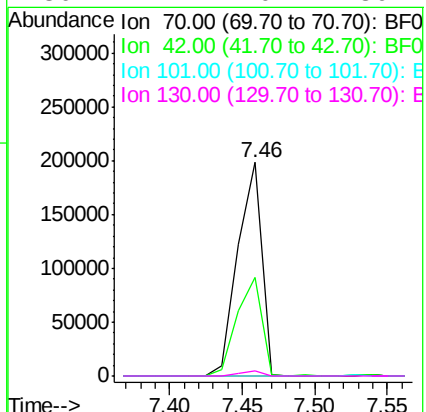
Ion Ratio Lower Upper

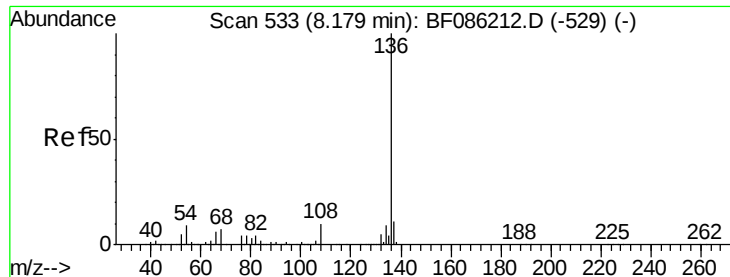
70 100

42 45.9 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

Tgt Ion:136 Resp: 1154380

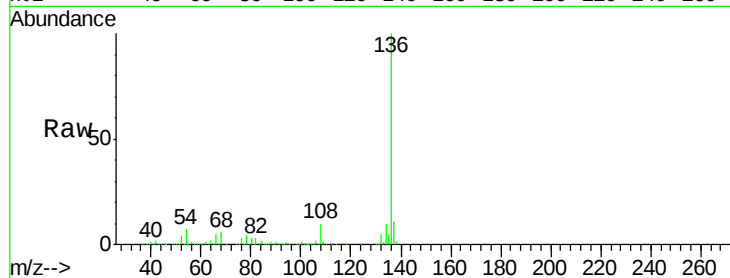
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 7.3 10.9#

68 6.1 5.7 8.5

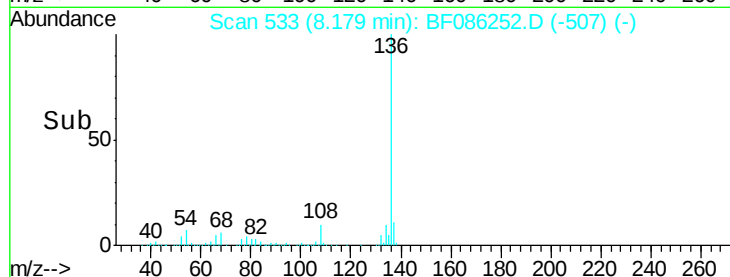


Abundance Ion 136.00 (135.70 to 136.70): E

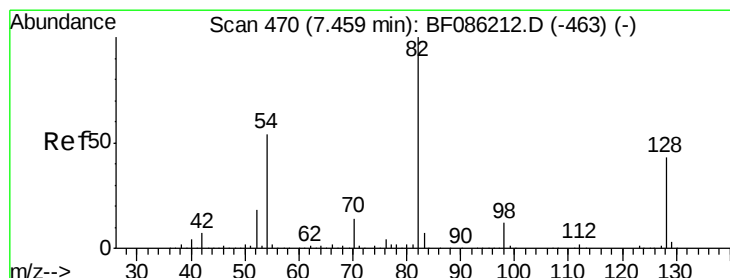
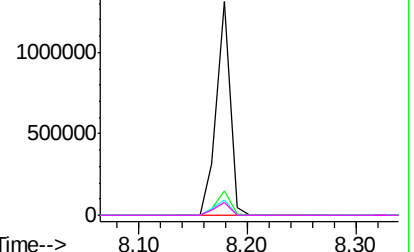
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 81.54 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

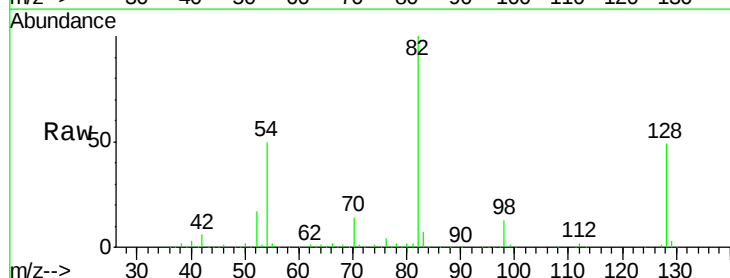
Tgt Ion: 82 Resp: 1632042

Ion Ratio Lower Upper

82 100

128 48.6 35.4 53.2

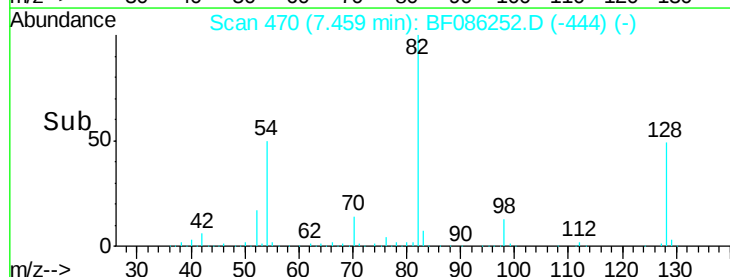
54 49.6 43.4 65.0



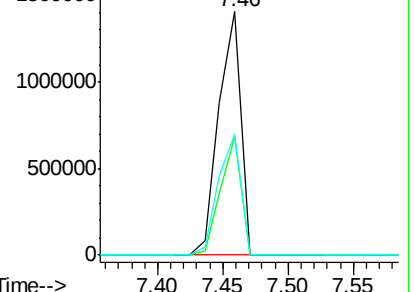
Abundance Ion 82.00 (81.70 to 82.70): BF0

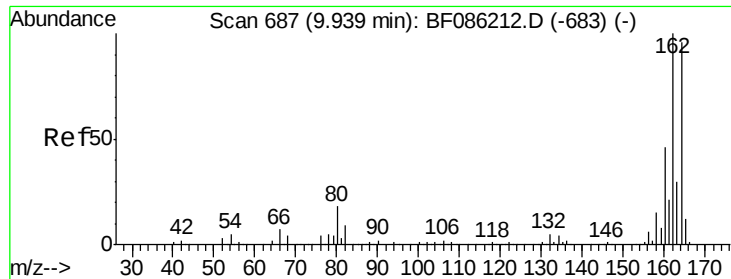
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

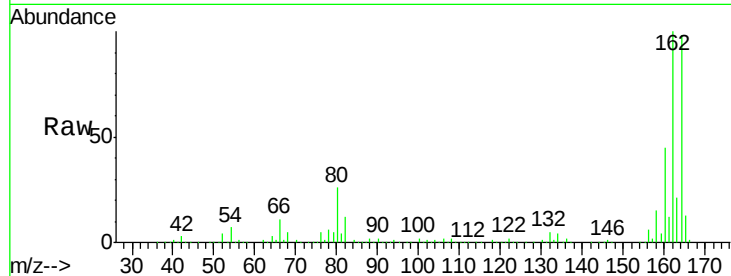
Tgt Ion:164 Resp: 489788

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

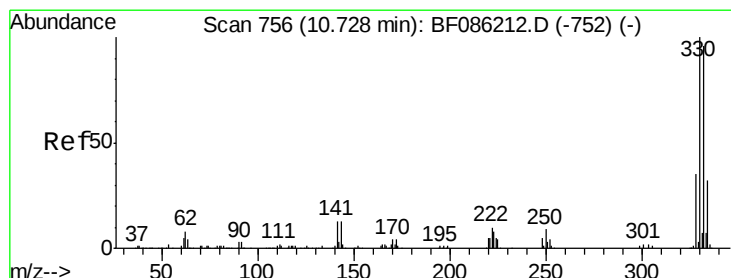
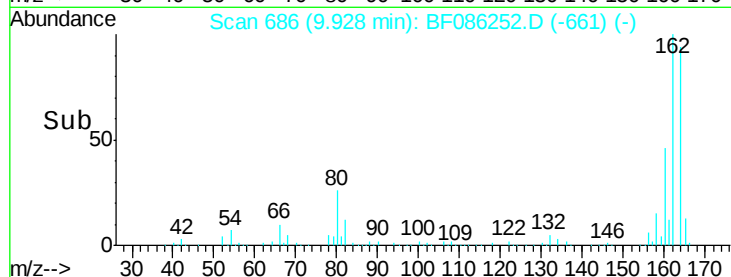
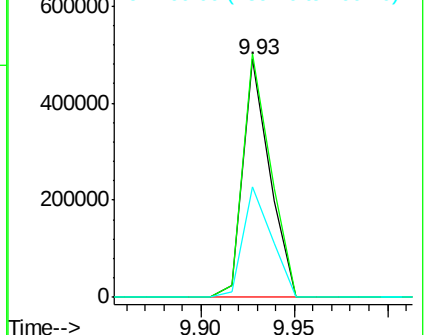
160 46.5 38.9 58.3



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: 109.31 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

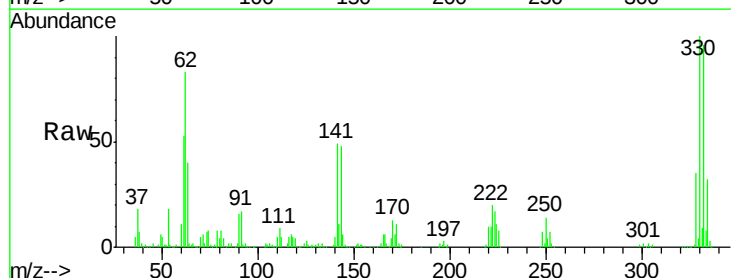
Tgt Ion:330 Resp: 429918

Ion Ratio Lower Upper

330 100

332 95.6 78.7 118.1

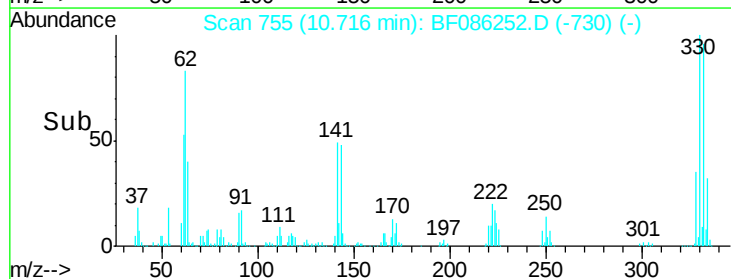
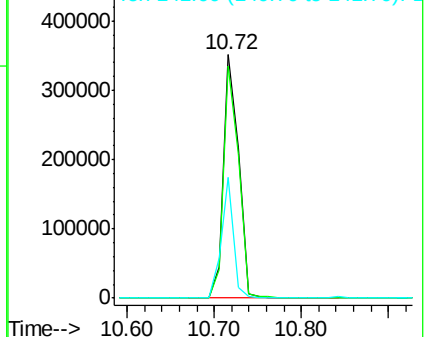
141 40.7 28.6 42.8

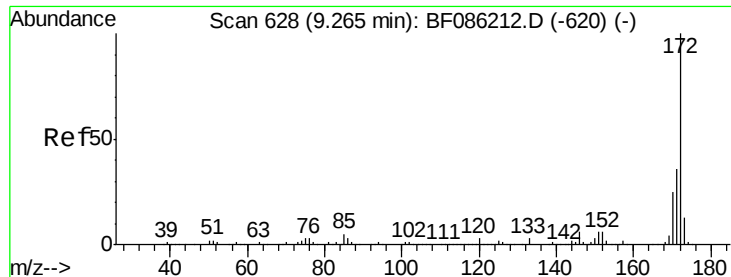


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

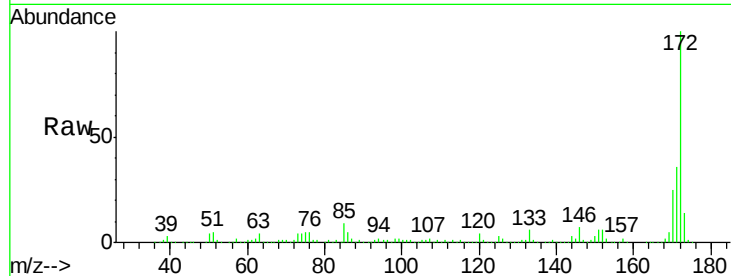




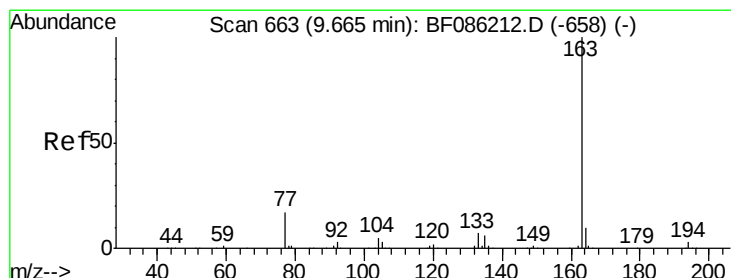
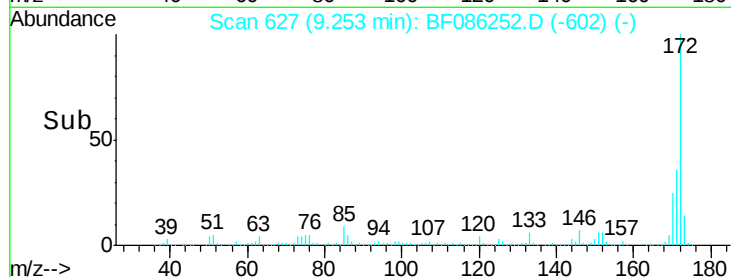
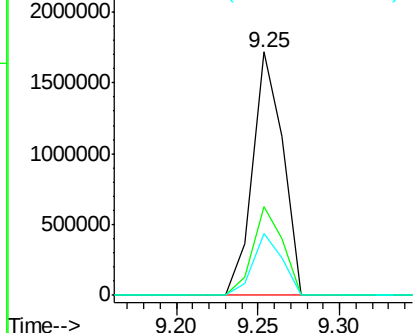
#44
 2-Fluorobiphenyl
 Concen: 82.98 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

Tgt Ion:172 Resp: 2202461
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 25.2 19.9 29.9

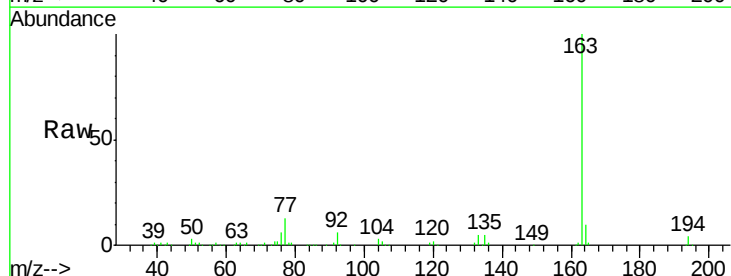


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

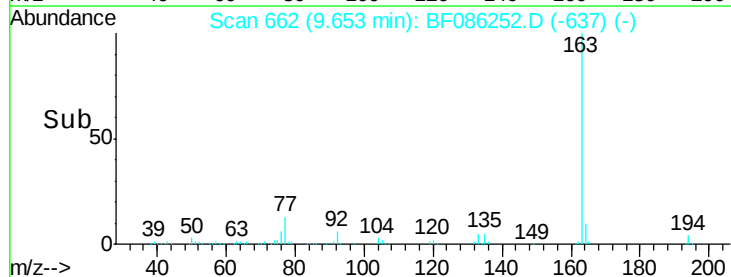
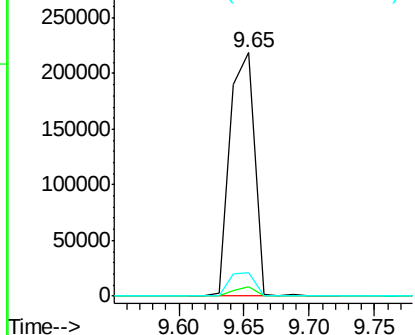


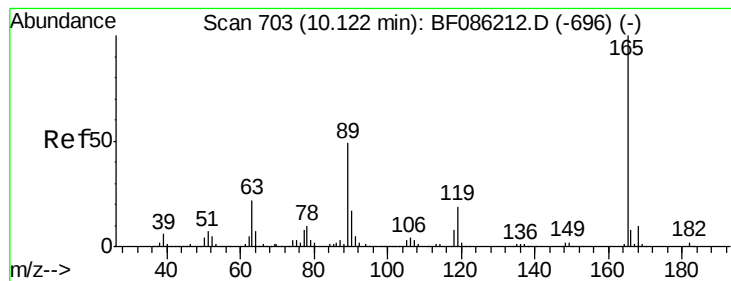
#49
 Dimethylphthalate
 Concen: 7.99 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

Tgt Ion:163 Resp: 284481
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.7 8.4 12.6



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

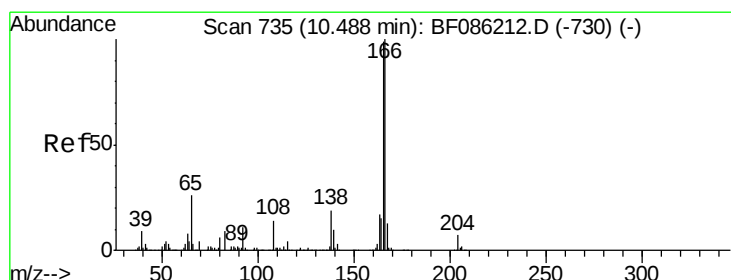
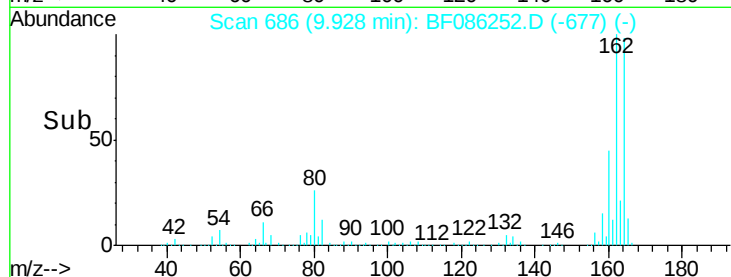
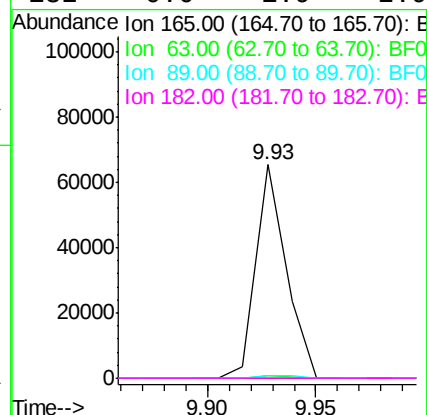
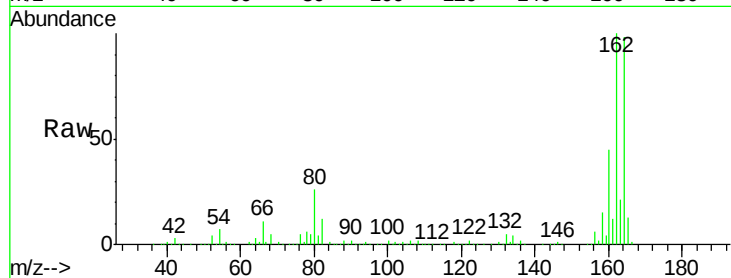




#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086252.D
Acq: 16 Apr 2016 8:52

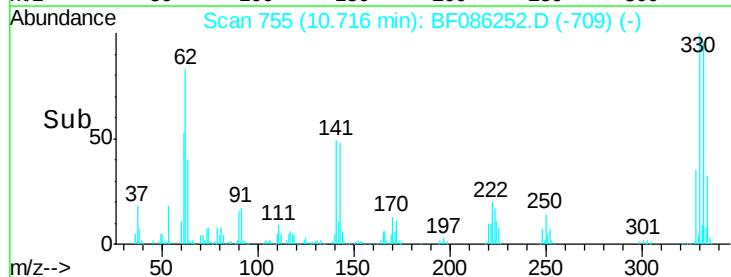
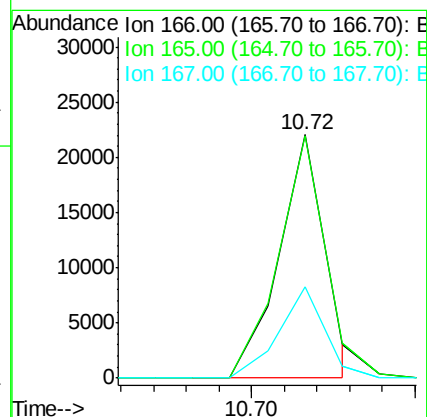
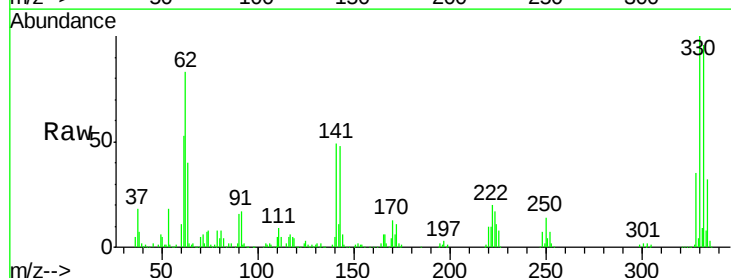
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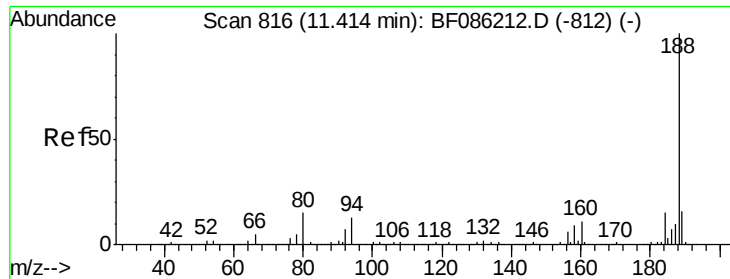
Tgt Ion:	165	Resp:	63367
Ion Ratio	Lower	Upper	
165	100		
63	1.2	26.6	40.0#
89	1.4	49.5	74.3#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086252.D
Acq: 16 Apr 2016 8:52

Tgt Ion:	166	Resp:	21693
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.6	117.8
167	37.6	10.4	15.6#

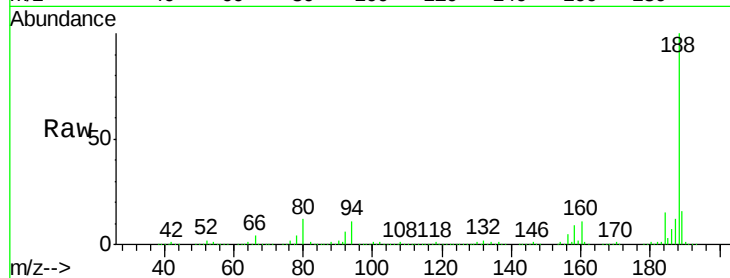




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

Instrument :
 BNA_F
 ClientSampleId :
 B7(15-17)

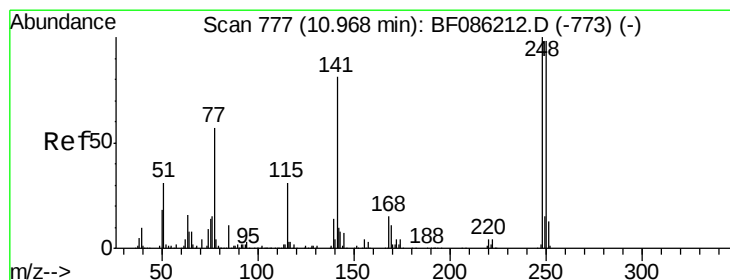
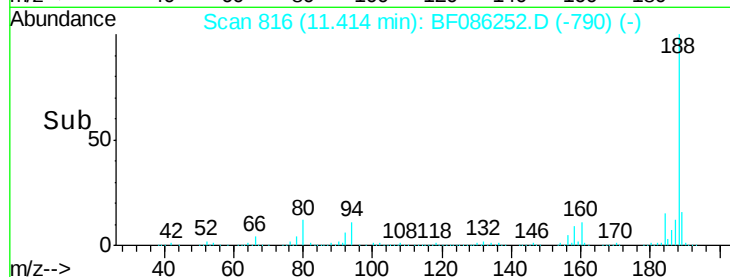
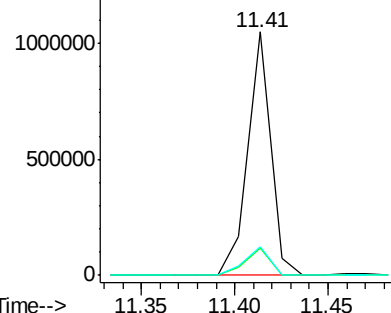
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.8	14.8
80	11.8	10.5	15.7



Abundance Ion 188.00 (187.70 to 188.70): E

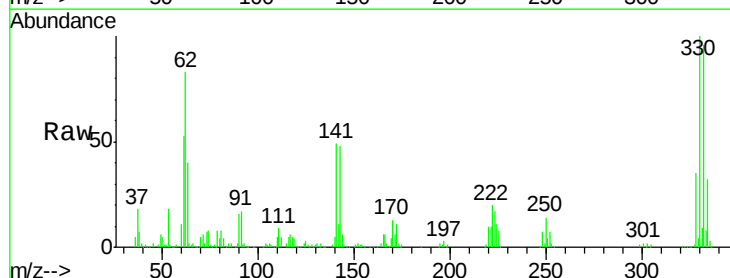
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086252.D
 Acq: 16 Apr 2016 8:52

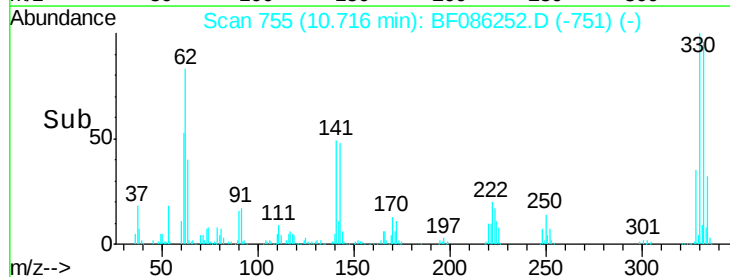
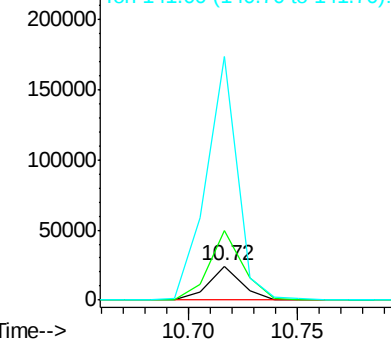
Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.3	78.6	118.0#
141	713.7	57.9	86.9#

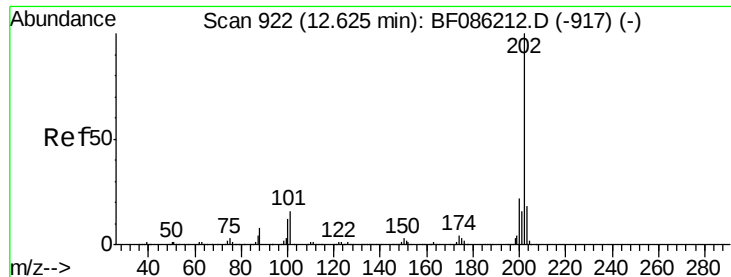


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

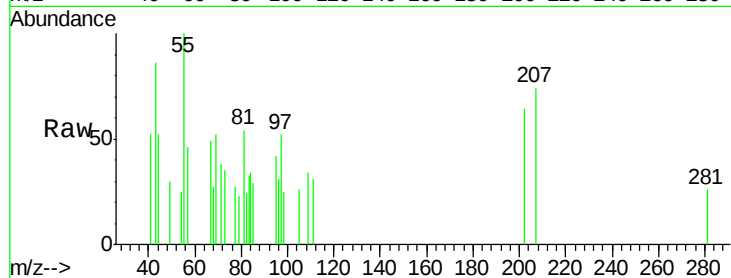




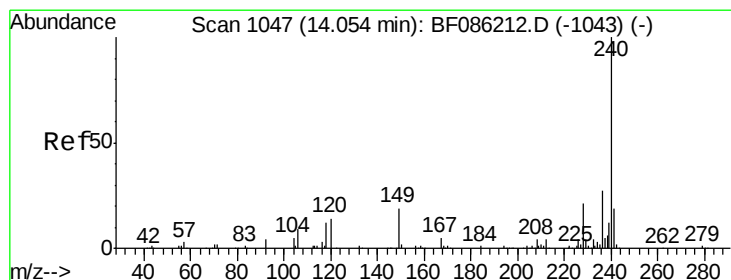
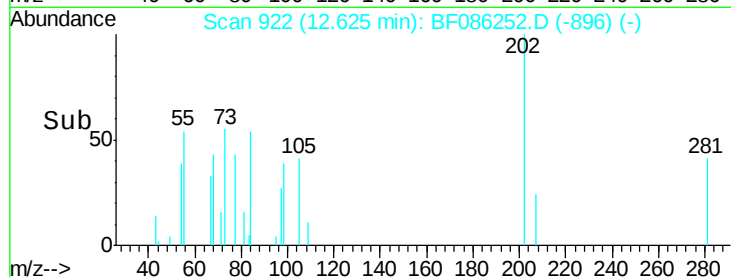
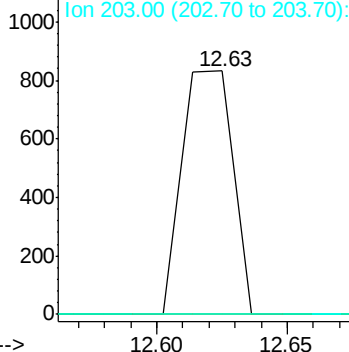
#74
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086252.D
Acq: 16 Apr 2016 8:52

Instrument :
BNA_F
ClientSampleId :
B7(15-17)

Tgt Ion: 202 Resp: 1139
Ion Ratio Lower Upper
202 100
101 0.0 0.0 35.2
203 0.0 0.0 38.2

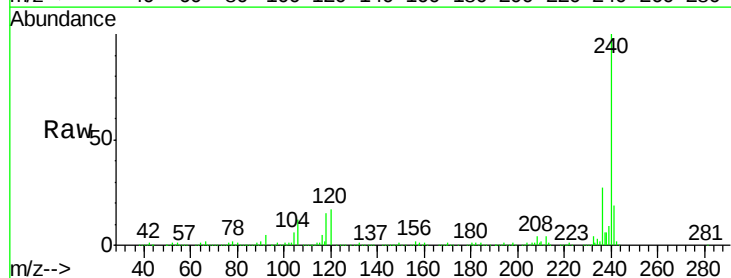


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

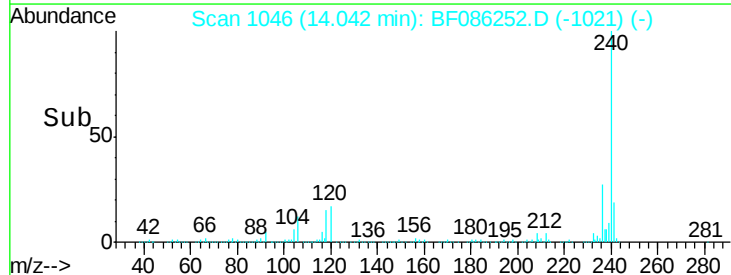
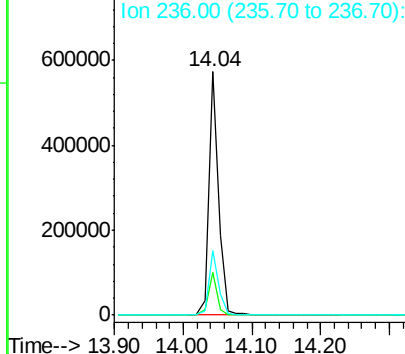


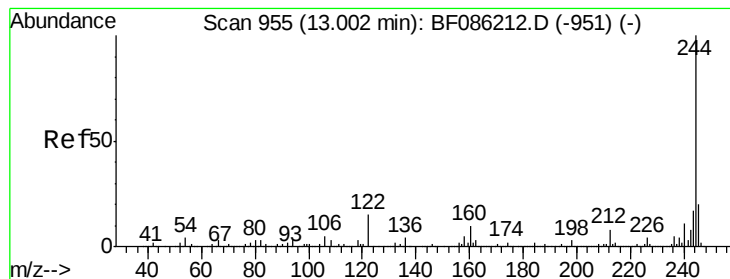
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086252.D
Acq: 16 Apr 2016 8:52

Tgt Ion: 240 Resp: 564148
Ion Ratio Lower Upper
240 100
120 17.3 9.3 13.9#
236 26.6 21.1 31.7



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: 74.94 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

Instrument :

BNA_F

ClientSampleId :

B7(15-17)

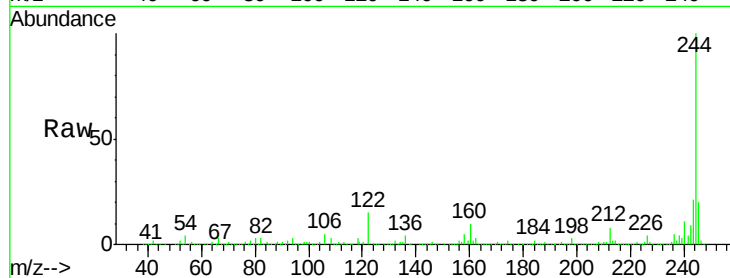
Tgt Ion:244 Resp: 1681212

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

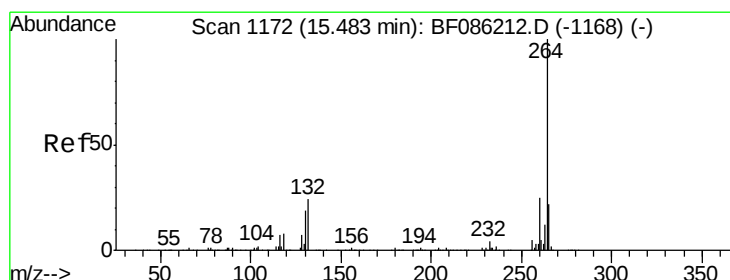
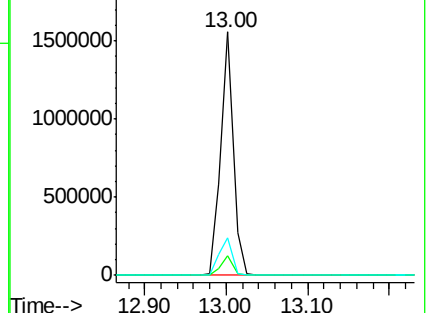
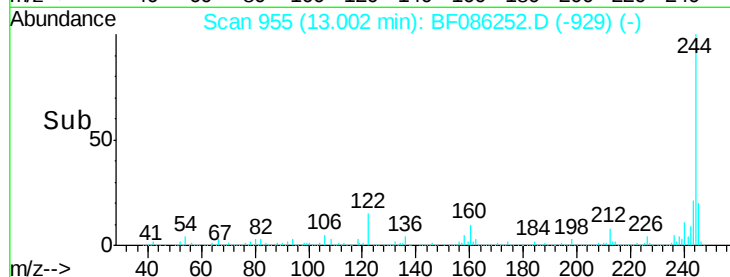
122 15.4 11.7 17.5



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: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086252.D

Acq: 16 Apr 2016 8:52

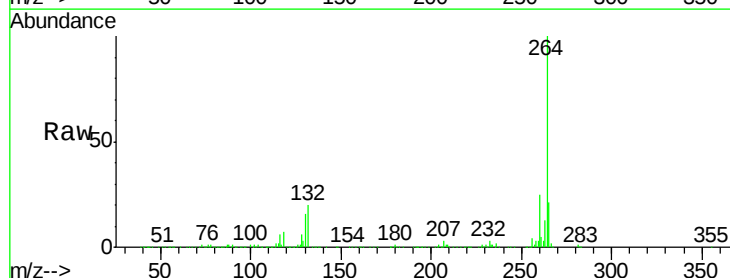
Tgt Ion:264 Resp: 470030

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 21.4 17.4 26.0



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

