

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086236.D
 Acq On : 16 Apr 2016 00:31
 Operator : UM/SJ
 Sample : H2402-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04D-4-7-16

Quant Time: Apr 16 02:00:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 16 00:36:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	285267	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1179479	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	511618	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	883114	20.00	ng	0.00
75) Chrysene-d12	14.04	240	552753	20.00	ng	-0.01
86) Perylene-d12	15.48	264	458521	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1115847	64.09	ng	0.00
7) Phenol-d6	6.51	99	861070	39.54	ng	0.00
23) Nitrobenzene-d5	7.46	82	1737461	84.96	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	508074	123.67	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2603781	93.91	ng	0.00
78) Terphenyl-d14	13.00	244	1583707	72.05	ng	0.00

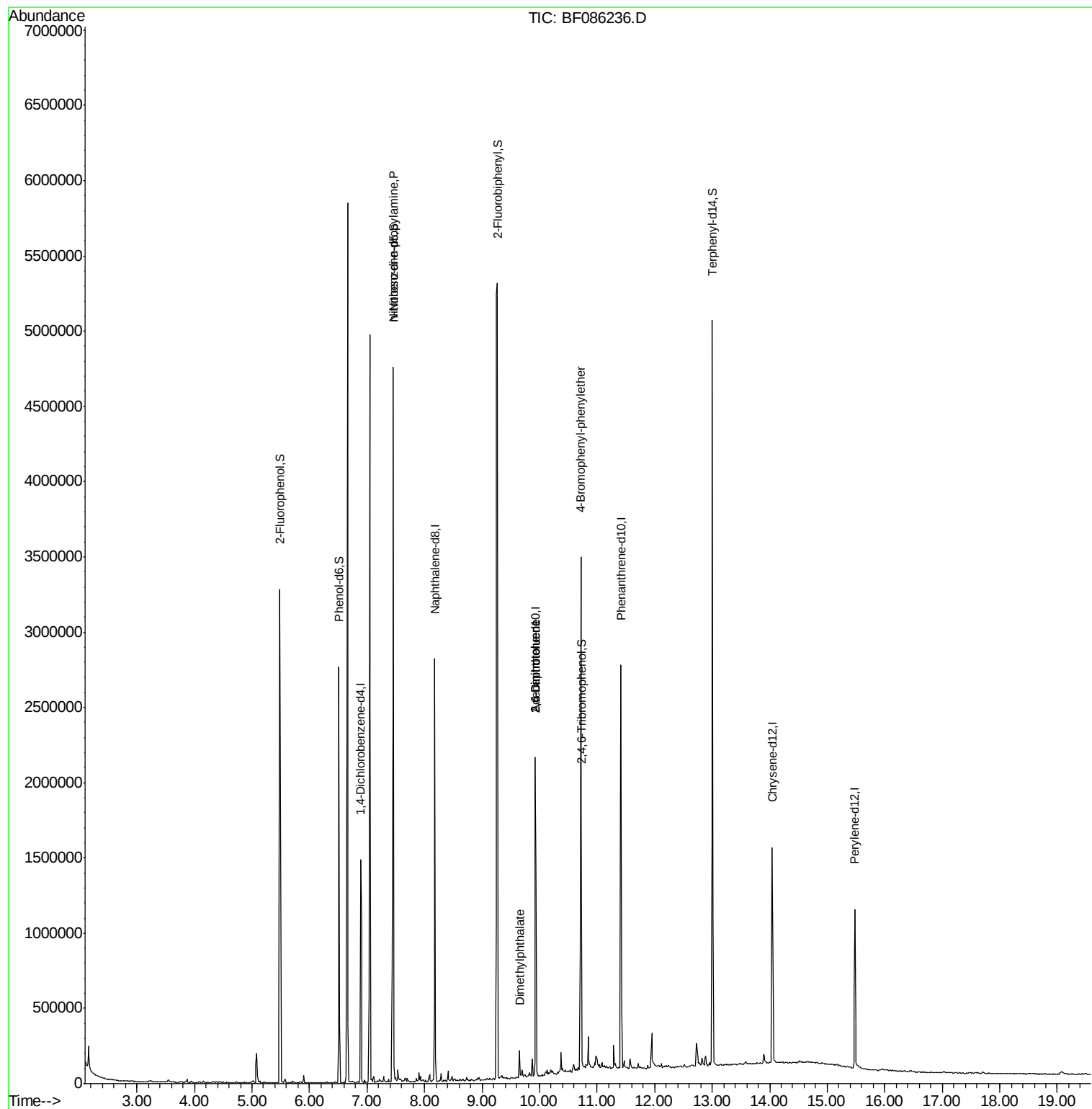
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	246270	17.67	ng	# 82
22) Acetophenone	7.30	105	1111	Below Cal		# 44
49) Dimethylphthalate	9.65	163	107630	2.89	ng	98
50) 2,6-Dinitrotoluene	9.93	165	66984	8.14	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	67411	6.40	ng	# 31
57) Fluorene	10.48	166	815	Below Cal		# 87
66) 4-Bromophenyl-phenylether	10.72	248	29688	3.61	ng	# 1
71) Anthracene	11.48	178	2610	Below Cal		# 43
74) Fluoranthene	12.63	202	4134	Below Cal		71

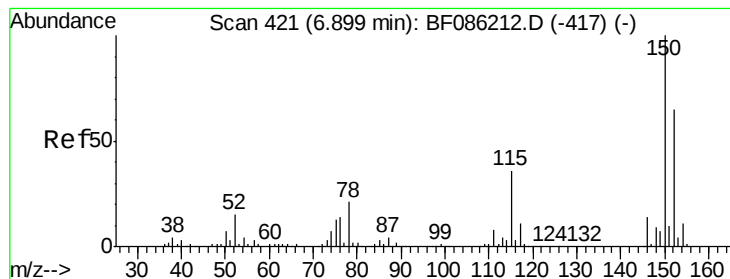
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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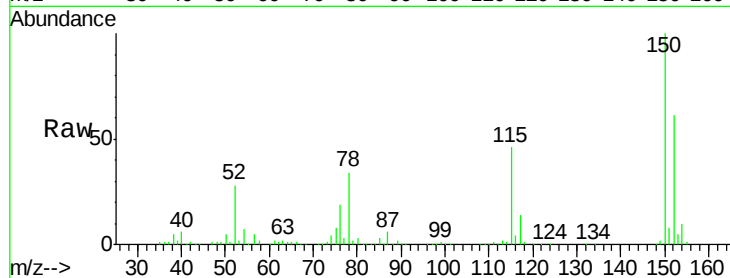




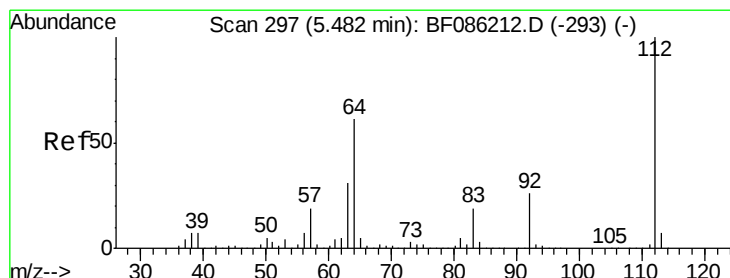
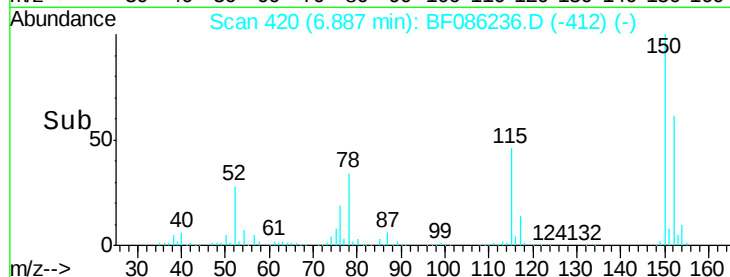
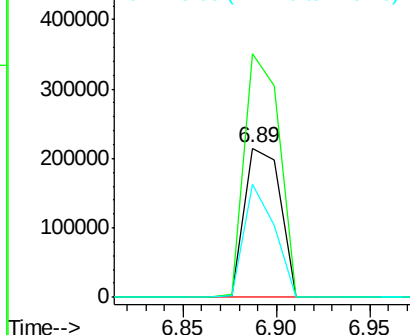
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 GW-04D-4-7-16

Tgt Ion:152 Resp: 285267
 Ion Ratio Lower Upper
 152 100
 150 163.5 124.1 186.1
 115 75.7 43.9 65.9#

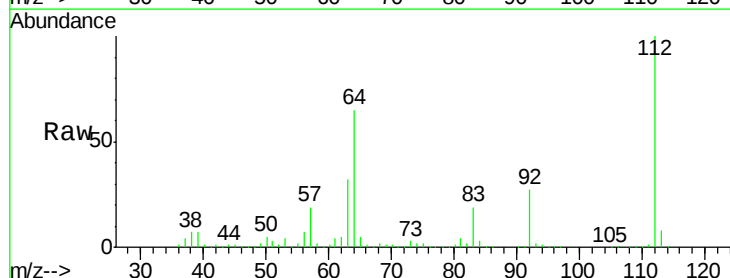


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

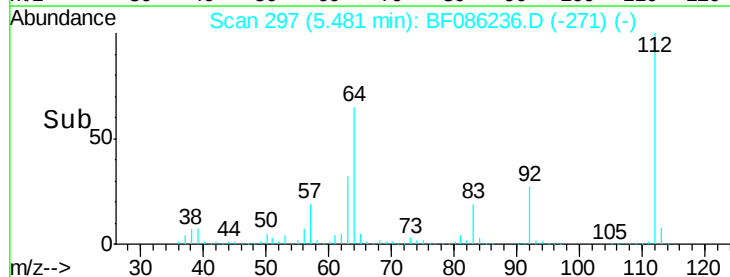
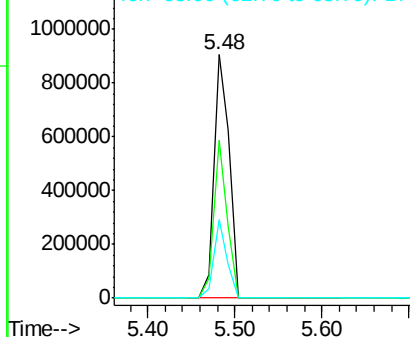


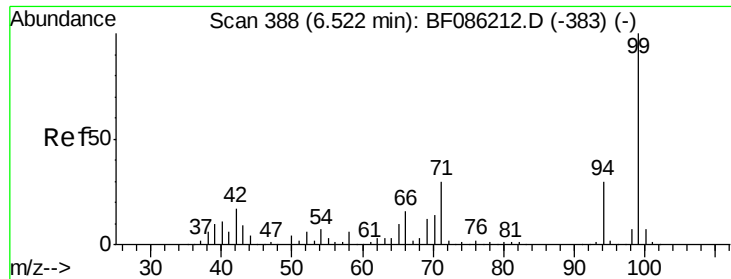
#5
 2-Fluorophenol
 Concen: 64.09 ng
 RT: 5.48 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

Tgt Ion:112 Resp: 1115847
 Ion Ratio Lower Upper
 112 100
 64 64.7 48.1 72.1
 63 32.1 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: 39.54 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

Instrument :

BNA_F

ClientSampleId :

GW-04D-4-7-16

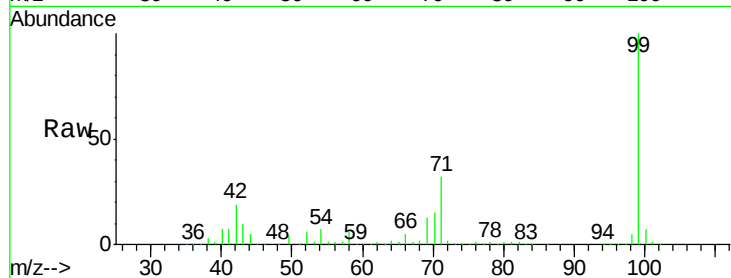
Tgt Ion: 99 Resp: 861070

Ion Ratio Lower Upper

99 100

42 18.6 15.4 23.2

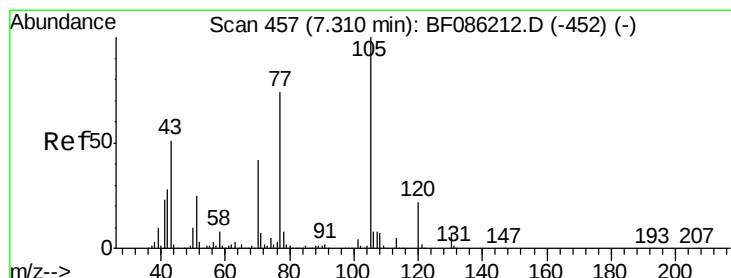
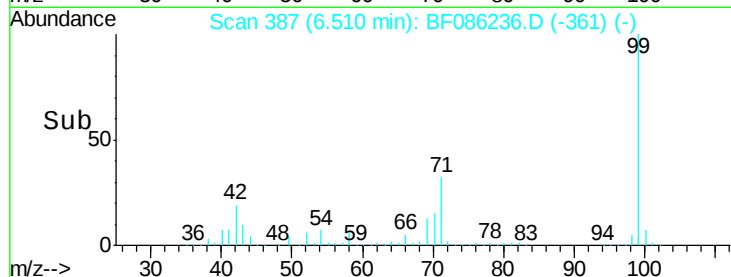
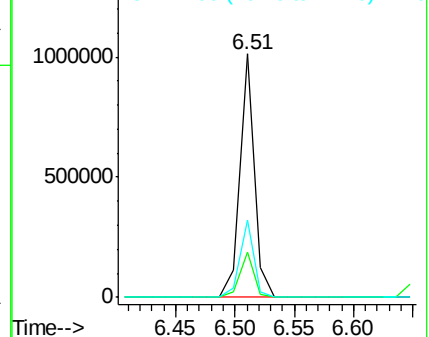
71 31.5 25.6 38.4



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: 17.67 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

Tgt Ion: 70 Resp: 246270

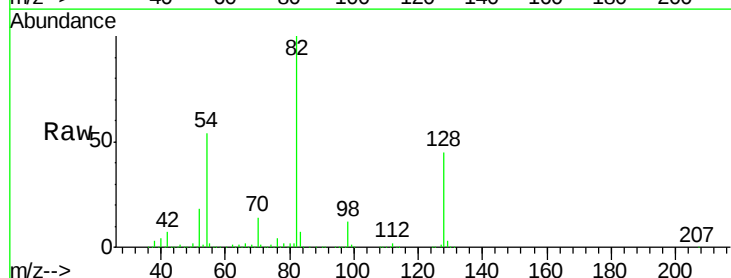
Ion Ratio Lower Upper

70 100

42 51.5 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

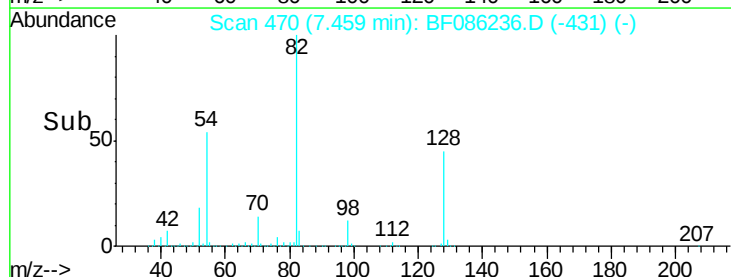
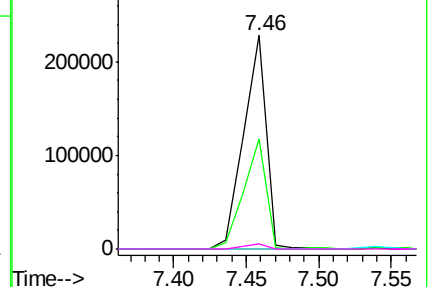


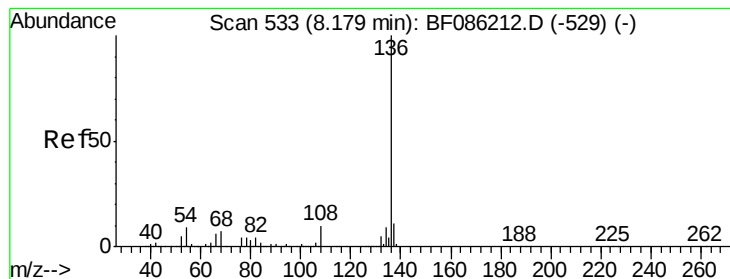
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

Instrument :

BNA_F

ClientSampleId :

GW-04D-4-7-16

Tgt Ion:136 Resp: 1179479

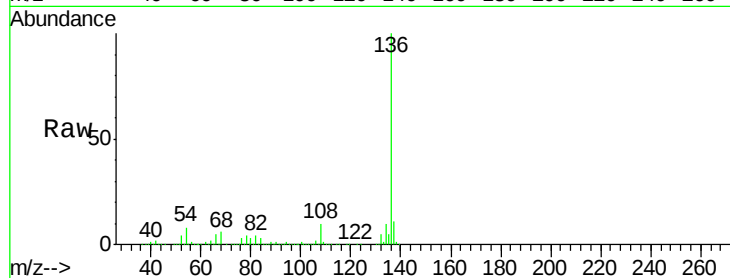
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.8 7.3 10.9

68 6.5 5.7 8.5

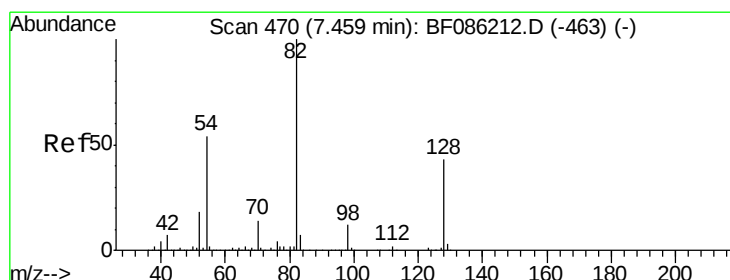
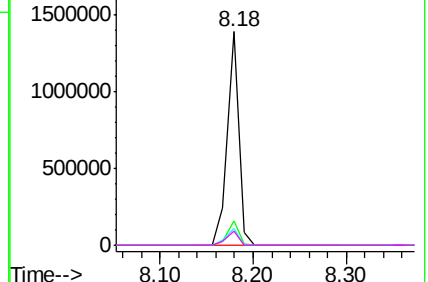
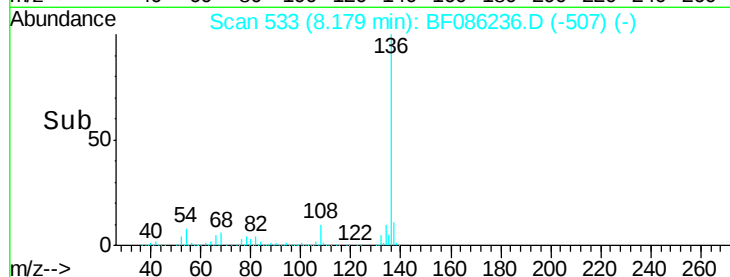


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 84.96 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

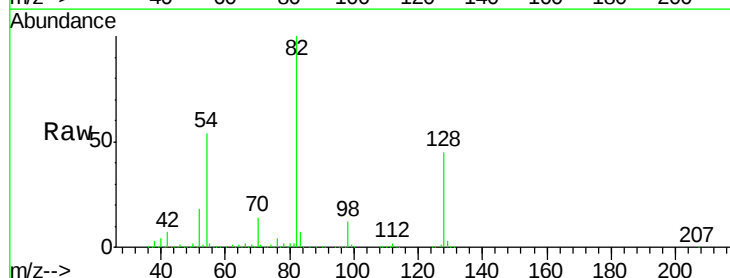
Tgt Ion: 82 Resp: 1737461

Ion Ratio Lower Upper

82 100

128 45.3 35.4 53.2

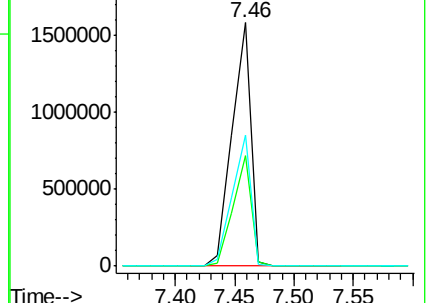
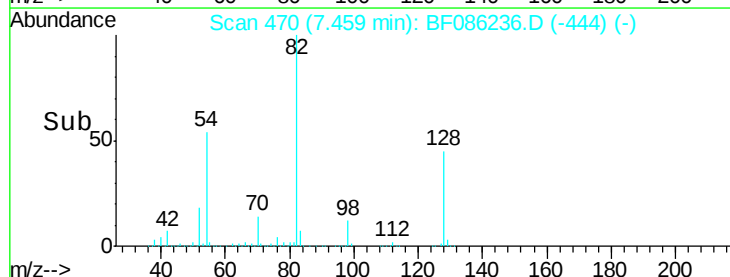
54 53.7 43.4 65.0

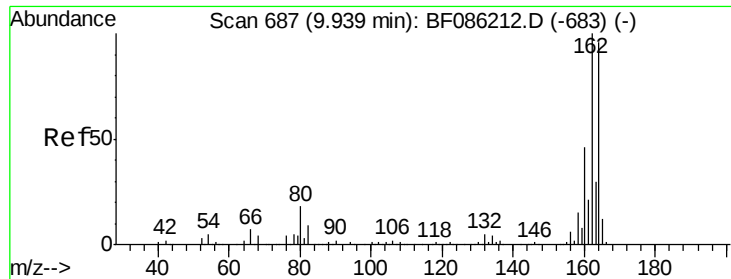


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

Instrument :

BNA_F

ClientSampleId :

GW-04D-4-7-16

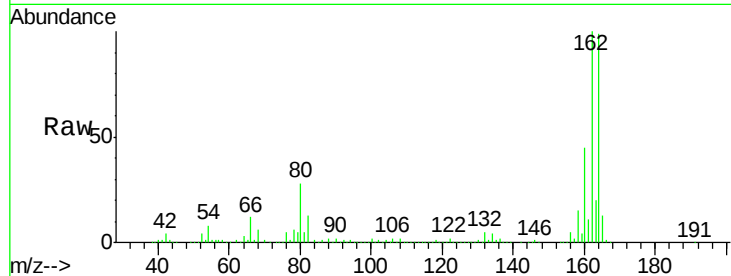
Tgt Ion:164 Resp: 511618

Ion Ratio Lower Upper

164 100

162 101.2 82.8 124.2

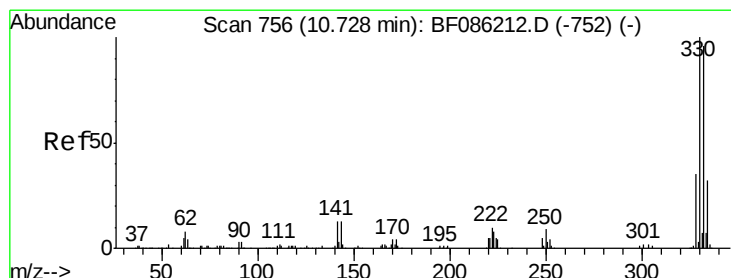
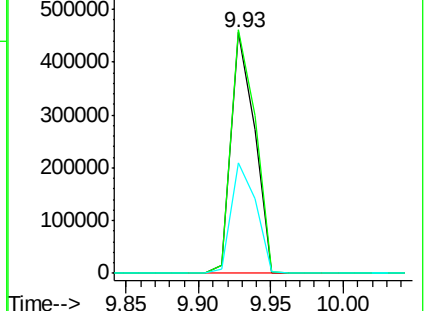
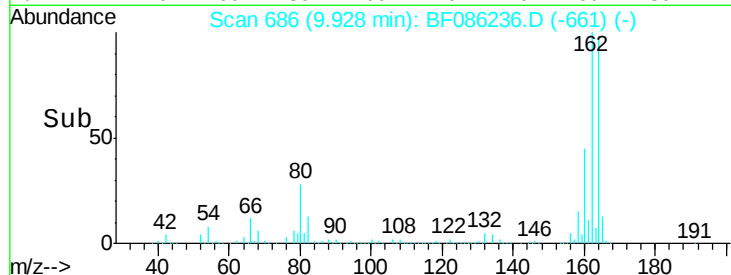
160 45.9 38.9 58.3



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: 123.67 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

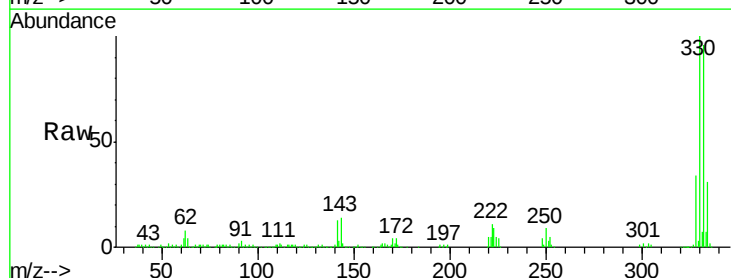
Tgt Ion:330 Resp: 508074

Ion Ratio Lower Upper

330 100

332 95.5 78.7 118.1

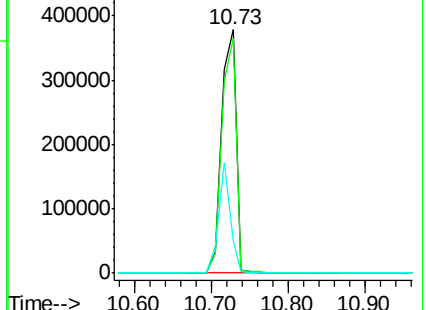
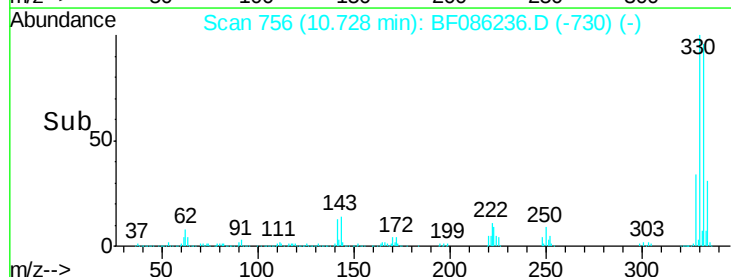
141 36.0 28.6 42.8

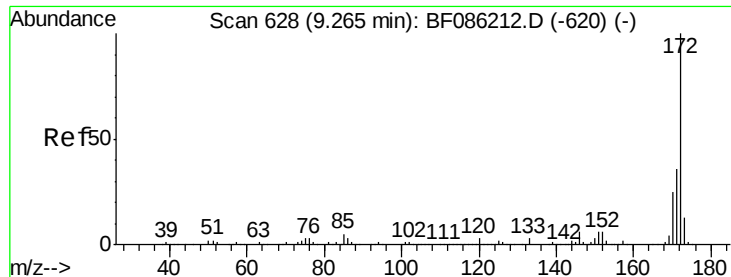


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

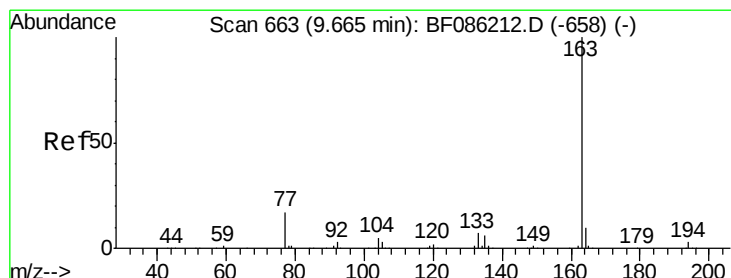
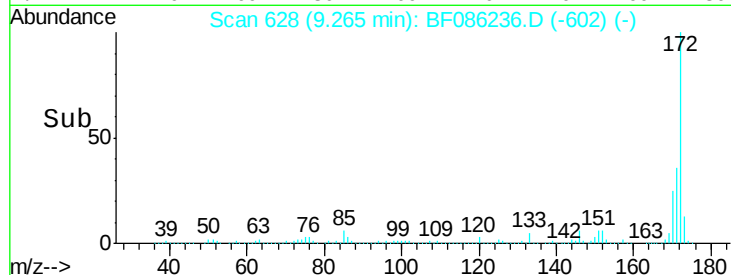
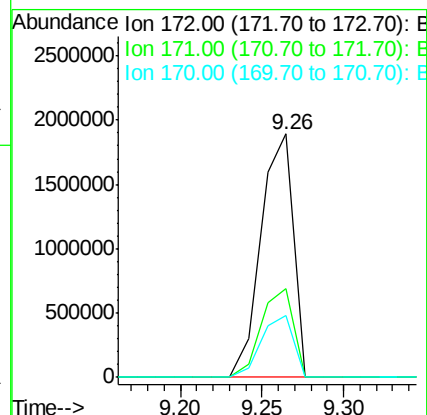
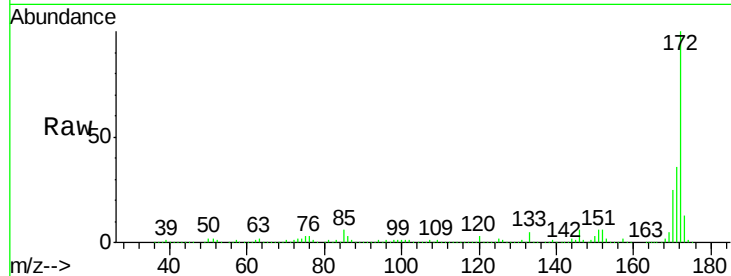




#44
2-Fluorobiphenyl
Concen: 93.91 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

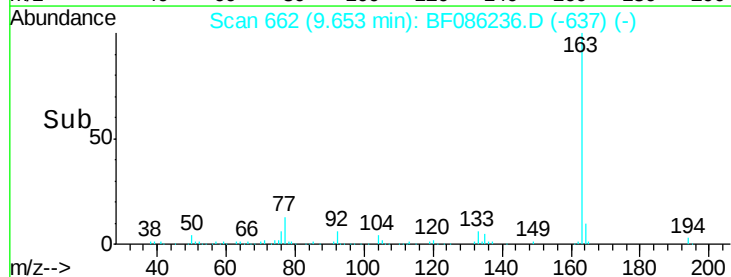
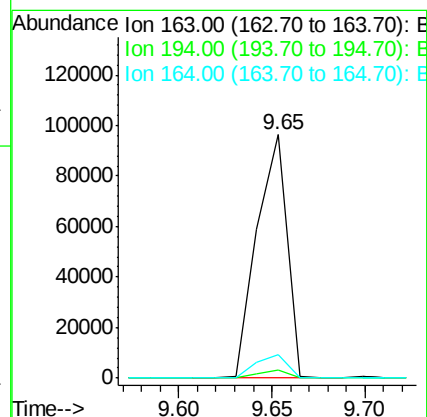
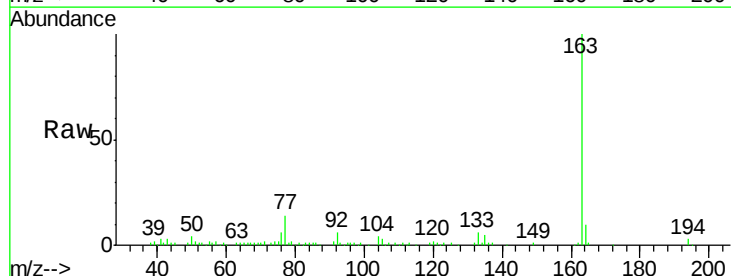
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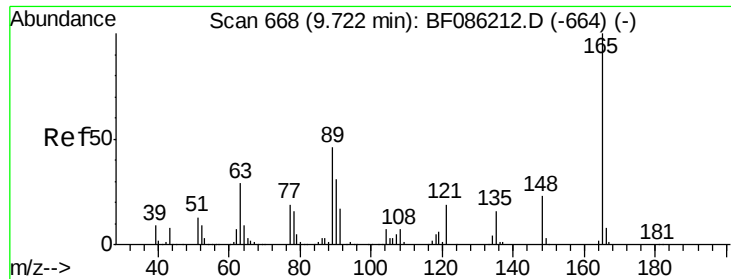
Tgt Ion:172 Resp: 2603781
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.2 19.9 29.9



#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:163 Resp: 107630
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.4 12.6

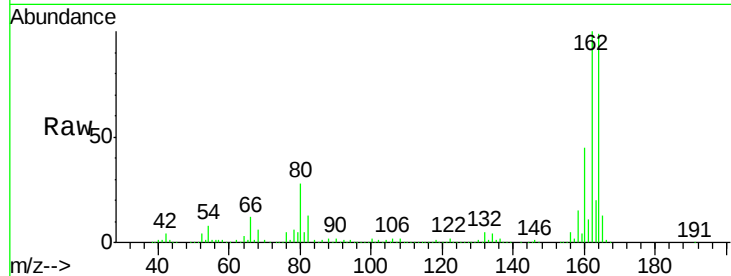




#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 GW-04D-4-7-16

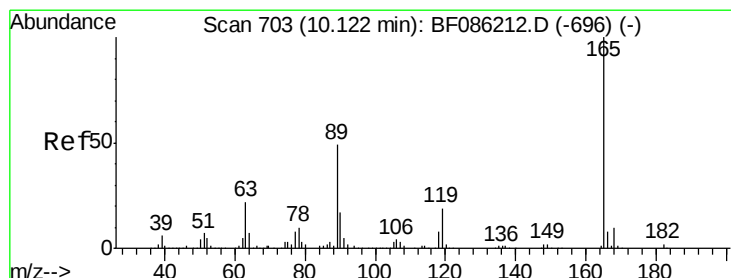
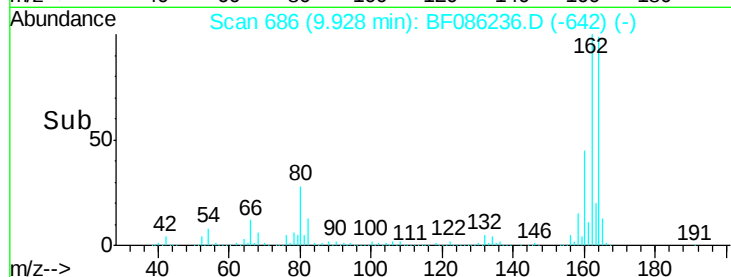
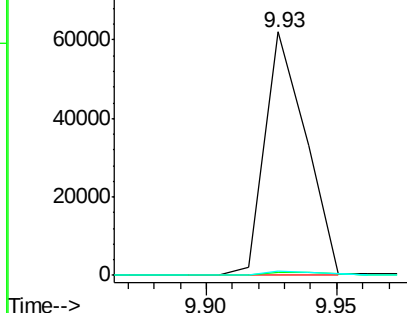
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.1	52.7#
89	1.5	39.8	59.6#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

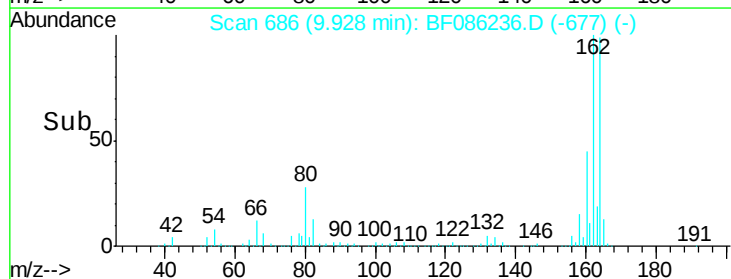
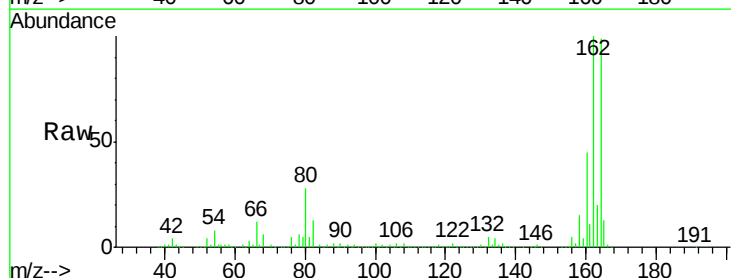
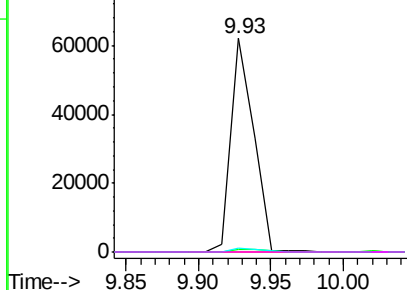
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#

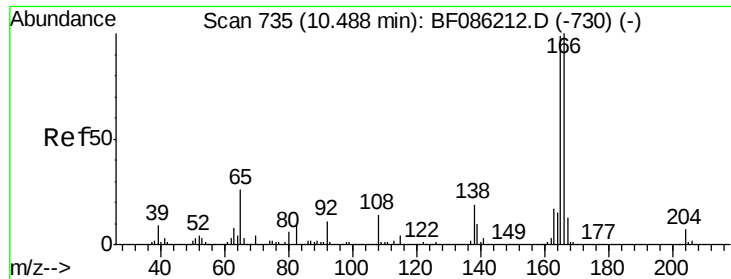
Abundance Ion 165.00 (164.70 to 165.70): E

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

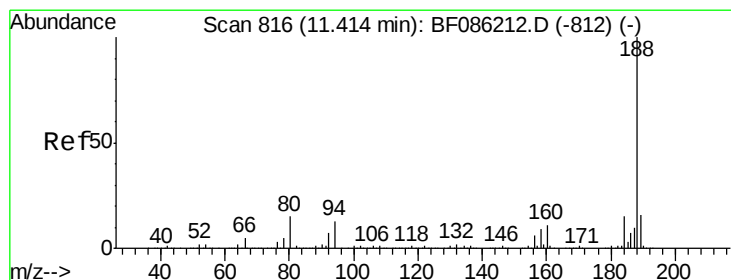
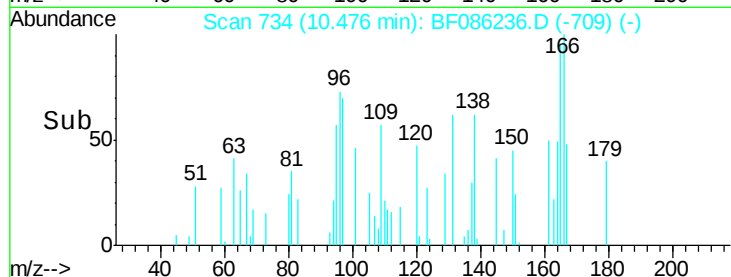
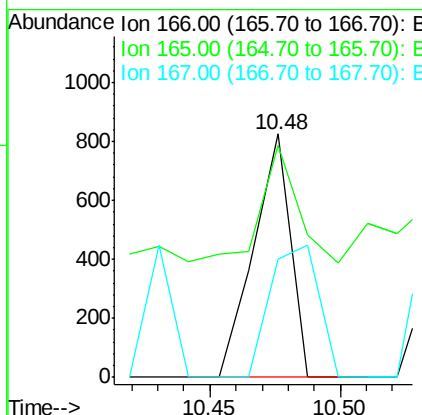
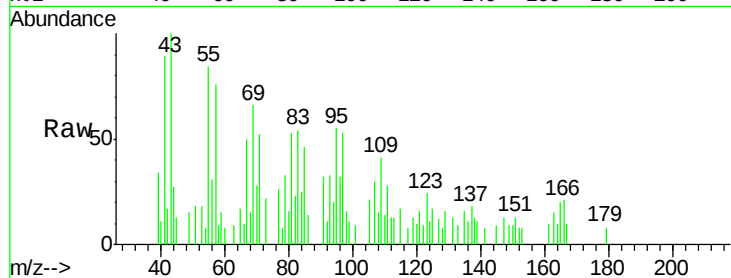




#57
Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

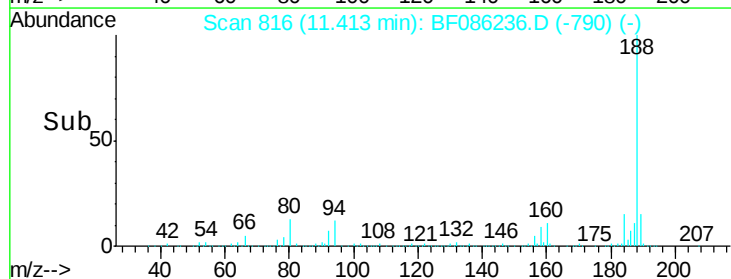
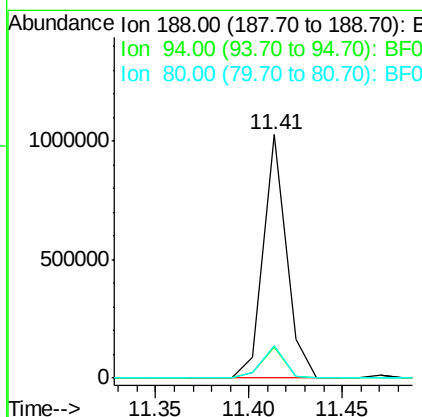
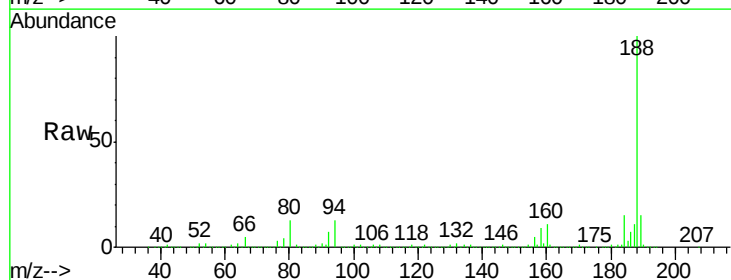
Instrument :
 BNA_F
 ClientSampleId :
 GW-04D-4-7-16

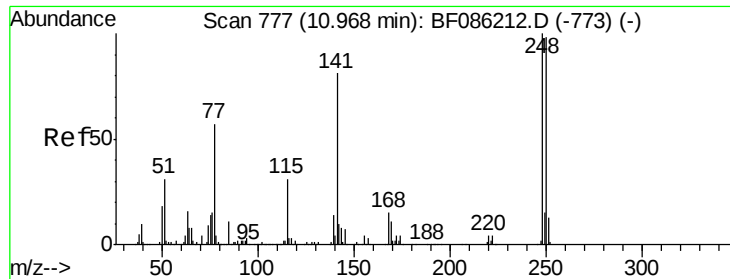
Tgt Ion:166 Resp: 815
 Ion Ratio Lower Upper
 166 100
 165 95.3 78.6 117.8
 167 48.3 10.4 15.6#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086236.D
 Acq: 16 Apr 2016 00:31

Tgt Ion:188 Resp: 883114
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.8 14.8
 80 13.4 10.5 15.7

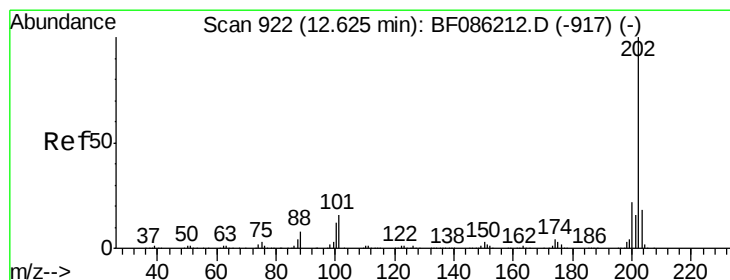
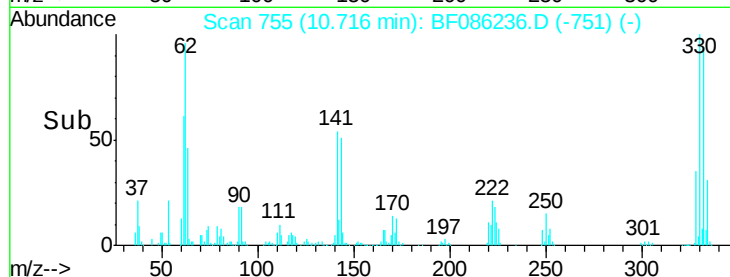
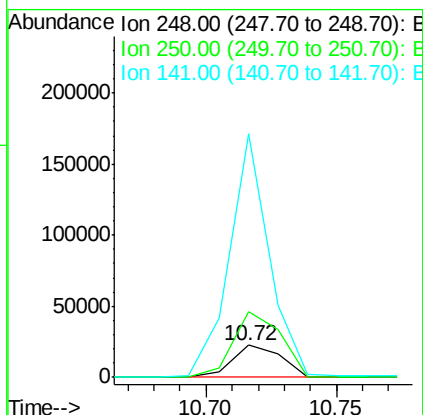
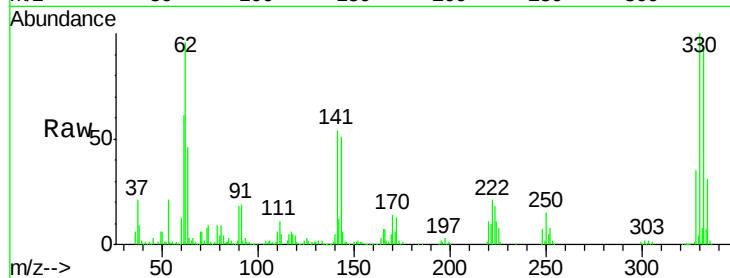




#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

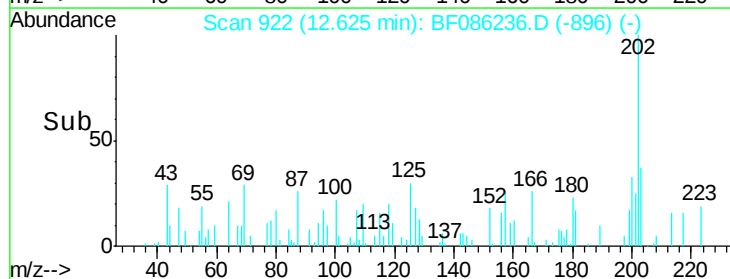
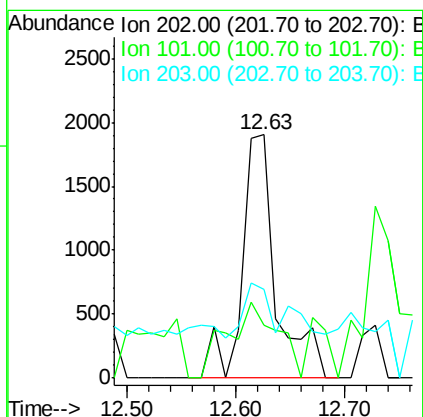
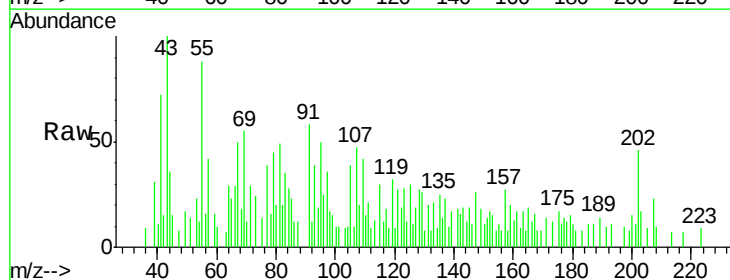
Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

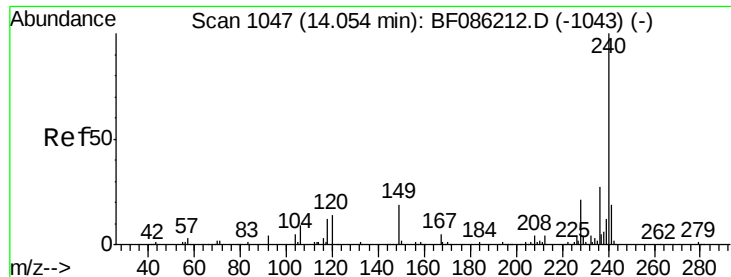
Tgt Ion:248 Resp: 29688
Ion Ratio Lower Upper
248 100
250 205.8 78.6 118.0#
141 755.4 57.9 86.9#



#74
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Tgt Ion:202 Resp: 4134
Ion Ratio Lower Upper
202 100
101 21.5 0.0 35.2
203 36.5 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

Instrument :

BNA_F

ClientSampleId :

GW-04D-4-7-16

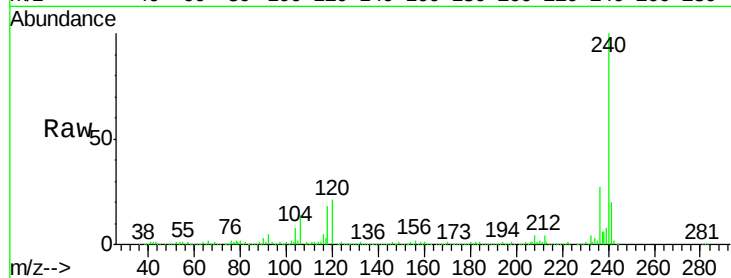
Tgt Ion:240 Resp: 552753

Ion Ratio Lower Upper

240 100

120 20.6 9.3 13.9#

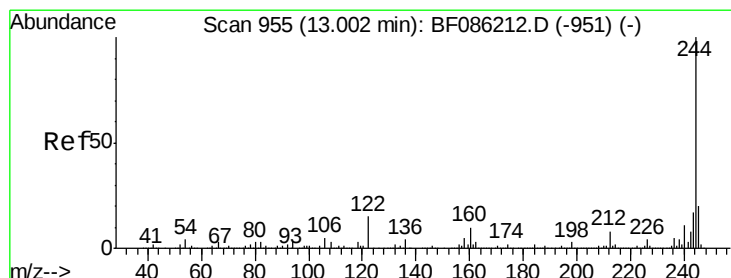
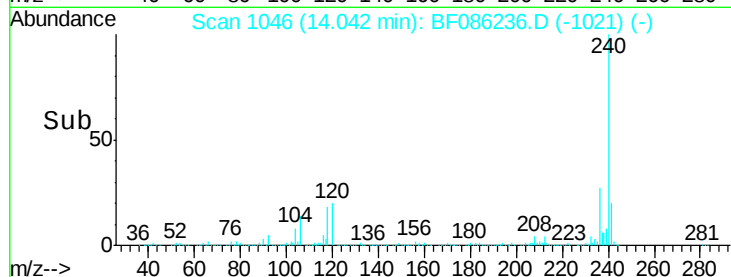
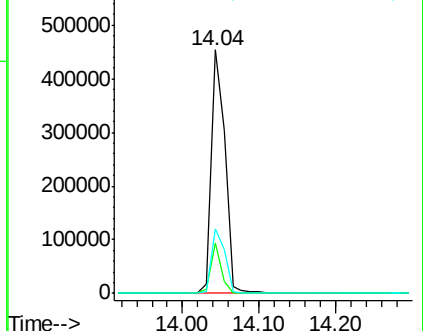
236 26.5 21.1 31.7



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: 72.05 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF086236.D

Acq: 16 Apr 2016 00:31

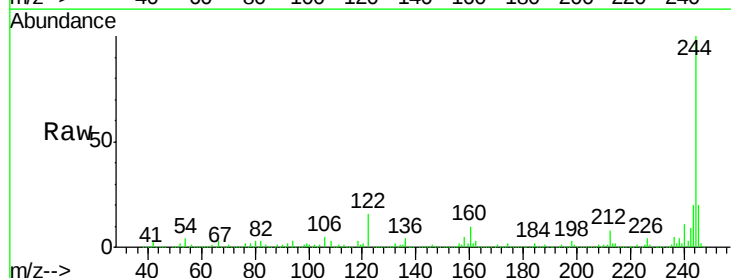
Tgt Ion:244 Resp: 1583707

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

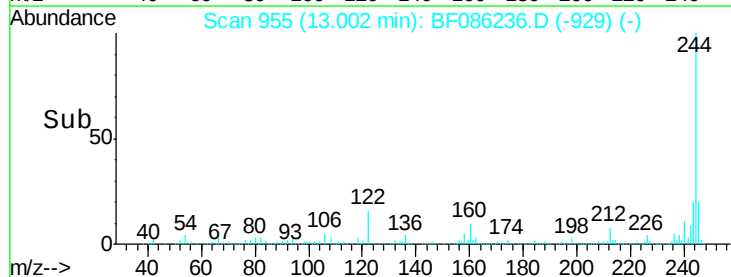
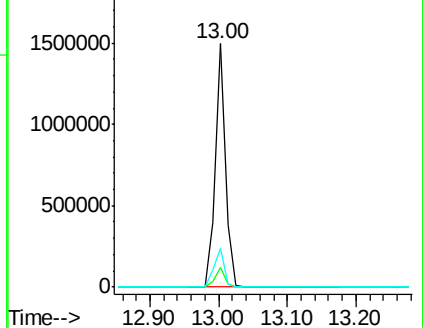
122 15.9 11.7 17.5

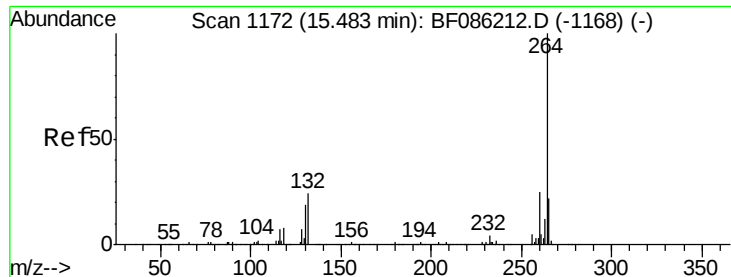


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



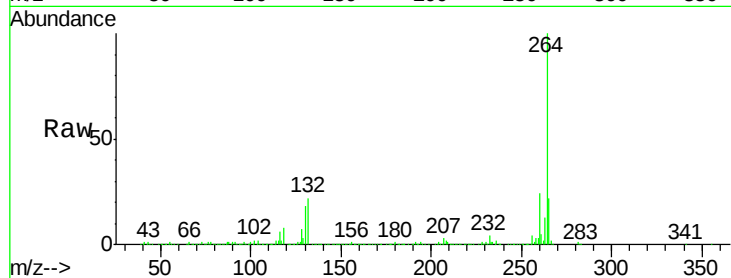


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086236.D
Acq: 16 Apr 2016 00:31

Instrument :
BNA_F
ClientSampleId :
GW-04D-4-7-16

Tgt Ion: 264 Resp: 458521

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	22.1	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

