

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024663.D
 Acq On : 4 Nov 2016 1:36
 Operator : UM/SJ
 Sample : H5500-05RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMPRE

Quant Time: Nov 04 03:17:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

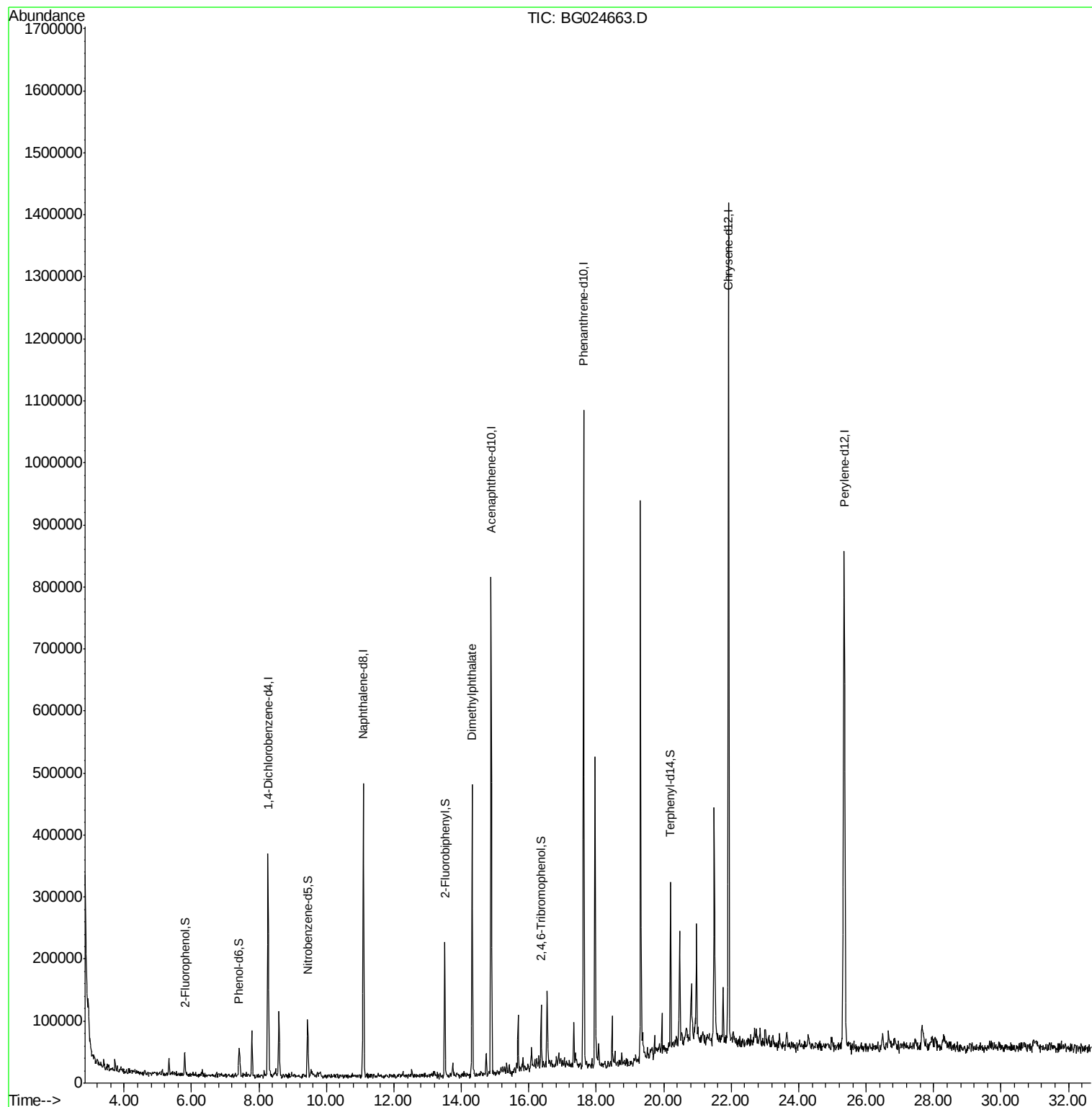
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	93697	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	373127	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	295472	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	688147	20.00	ng	0.00
75) Chrysene-d12	21.92	240	945735	20.00	ng	0.00
86) Perylene-d12	25.35	264	984739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	13557	2.37	ng	0.00
7) Phenol-d6	7.40	99	22165	2.83	ng	0.00
23) Nitrobenzene-d5	9.45	82	61832	7.54	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	20215	4.58	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	108936	6.13	ng	0.00
78) Terphenyl-d14	20.20	244	120531	3.81	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.32	163	290907	13.87	ng	Qvalue # 95

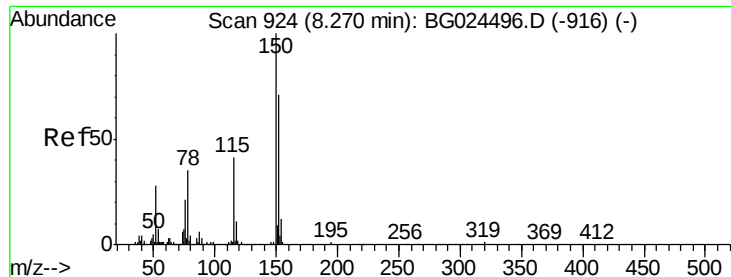
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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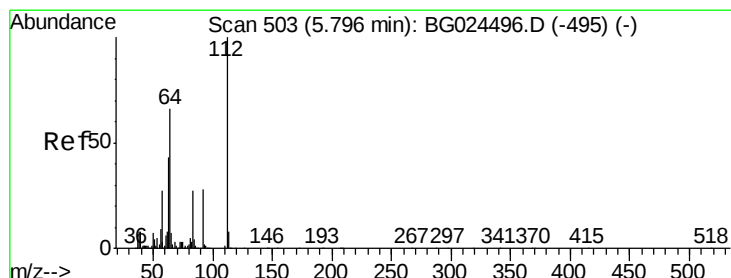
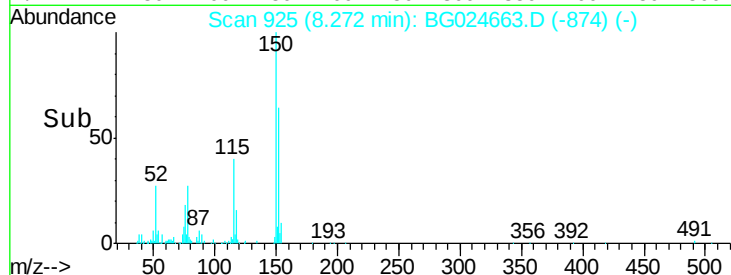
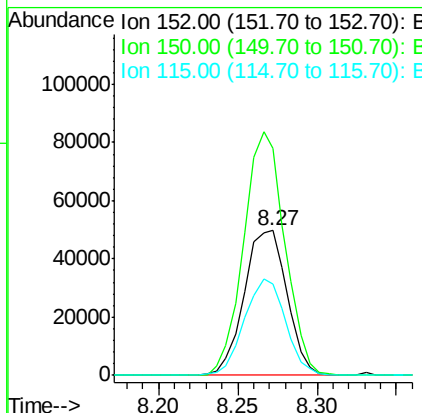
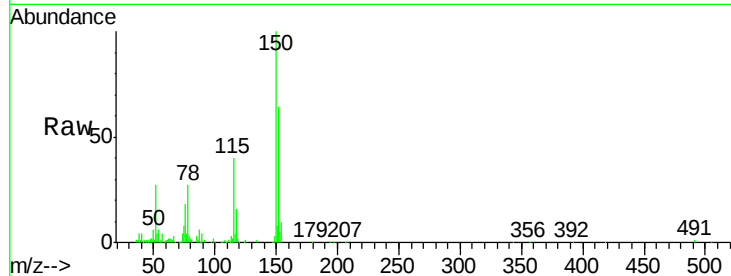


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

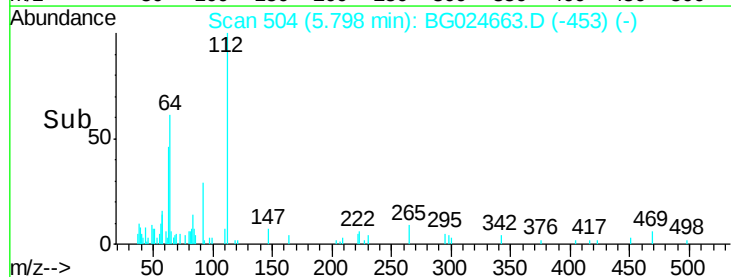
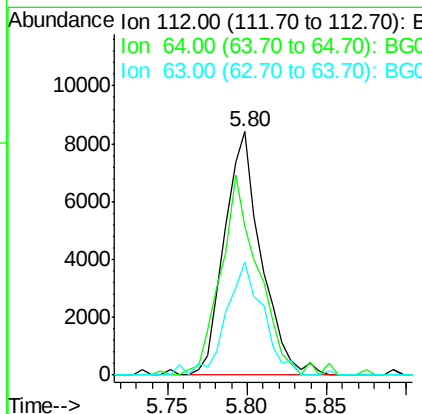
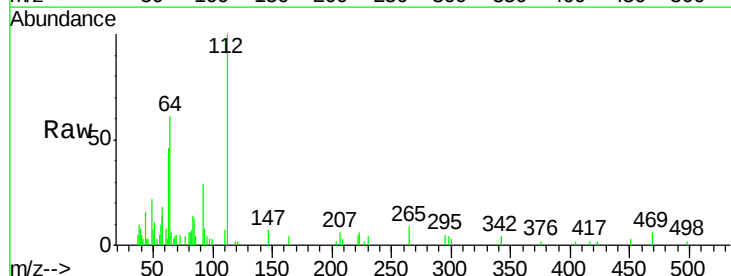
Tgt Ion:152 Resp: 93697
Ion Ratio Lower Upper
152 100
150 156.5 114.0 171.0
115 62.8 48.1 72.1

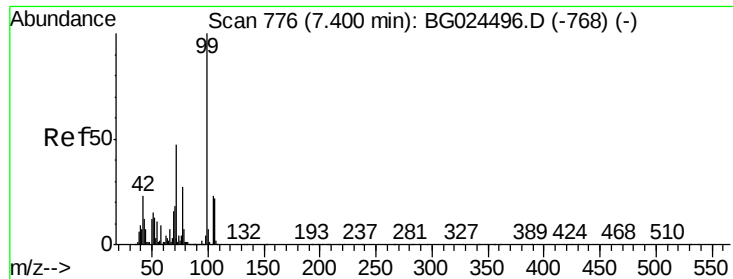


#5

2-Fluorophenol
Concen: 2.37 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Tgt Ion:112 Resp: 13557
Ion Ratio Lower Upper
112 100
64 61.4 61.8 92.6#
63 46.4 37.2 55.8





#7

Phenol-d6

Concen: 2.83 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

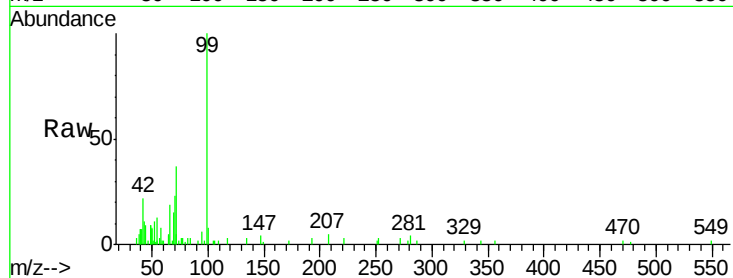
Tgt Ion: 99 Resp: 22165

Ion Ratio Lower Upper

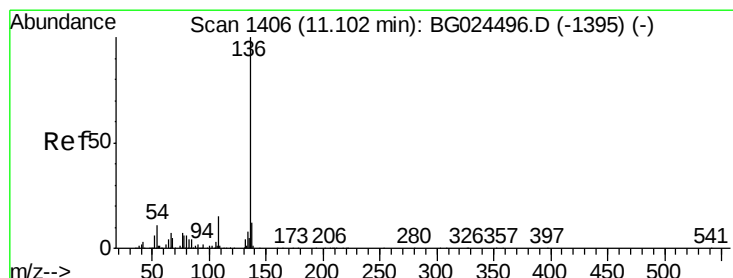
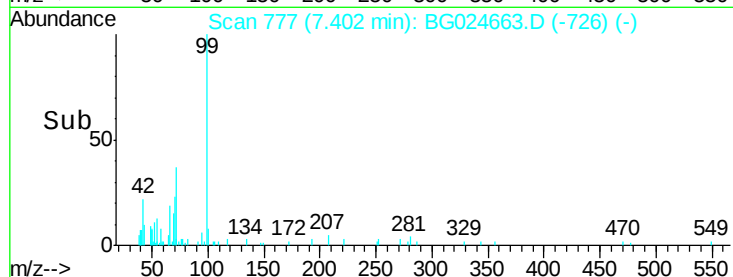
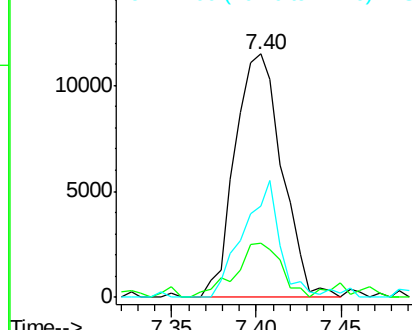
99 100

42 22.2 20.5 30.7

71 37.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

Tgt Ion: 136 Resp: 373127

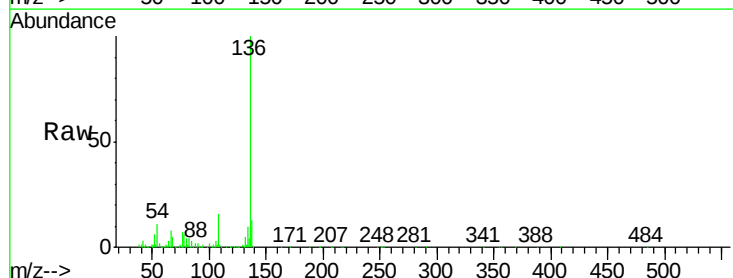
Ion Ratio Lower Upper

136 100

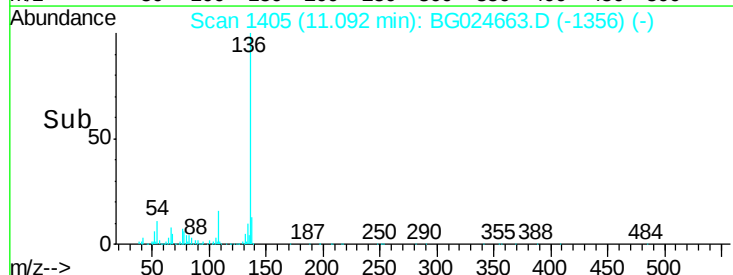
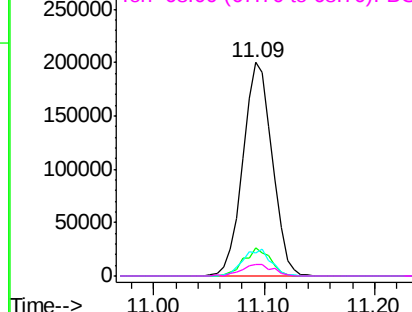
137 13.2 8.9 13.3

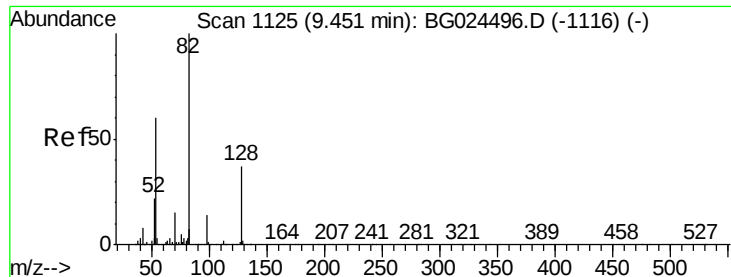
54 10.8 9.3 13.9

68 5.3 5.1 7.7



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

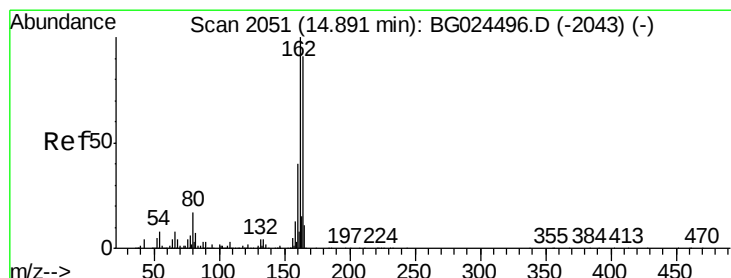
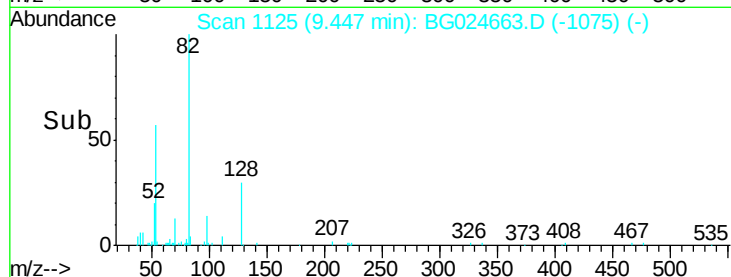
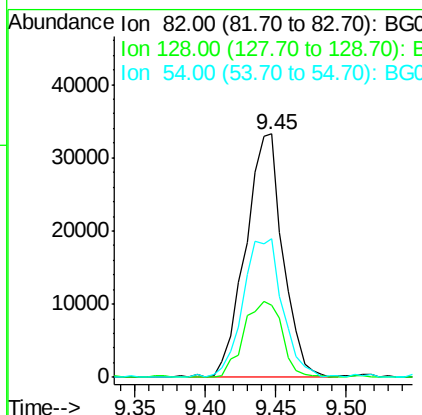
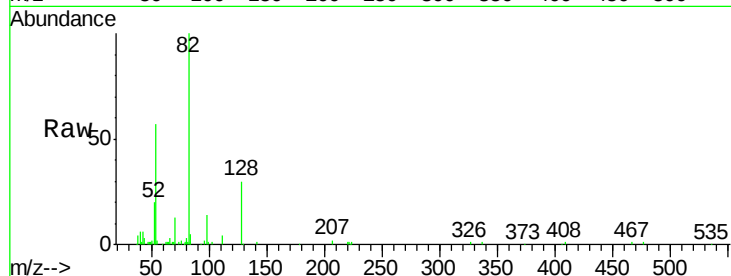




#23
 Nitrobenzene-d5
 Concen: 7.54 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024663.D
 Acq: 4 Nov 2016 1:36

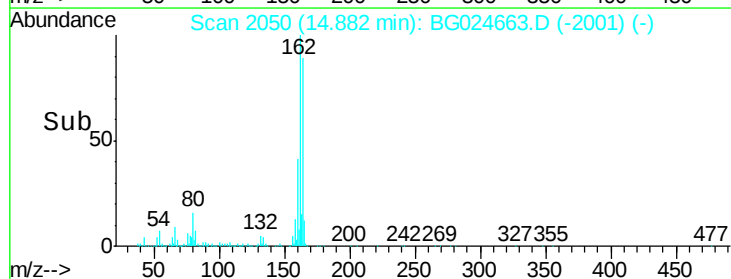
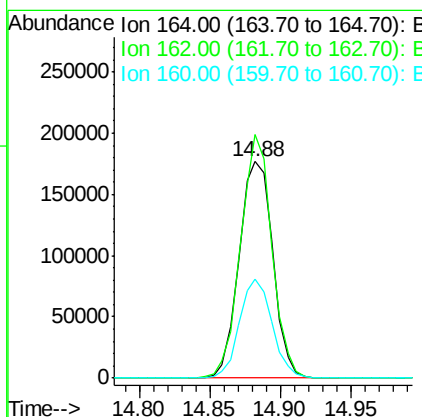
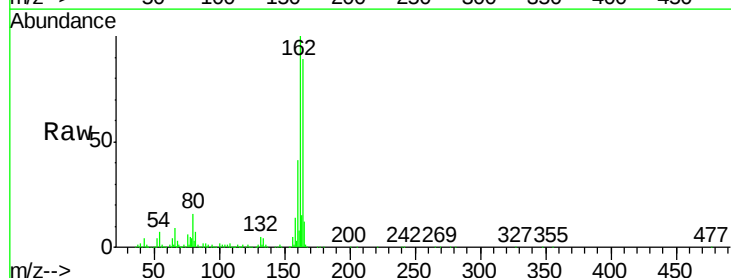
Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

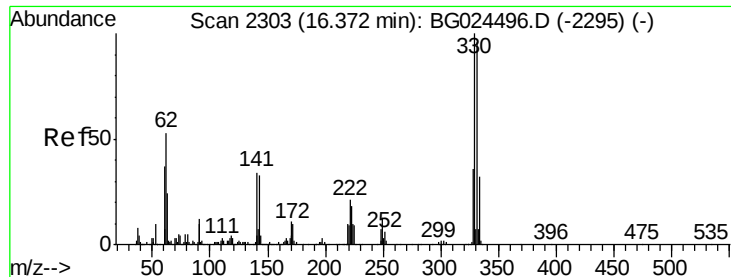
Tgt Ion: 82 Resp: 61832
 Ion Ratio Lower Upper
 82 100
 128 29.7 26.4 39.6
 54 57.0 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024663.D
 Acq: 4 Nov 2016 1:36

Tgt Ion: 164 Resp: 295472
 Ion Ratio Lower Upper
 164 100
 162 112.5 85.1 127.7
 160 45.7 34.7 52.1

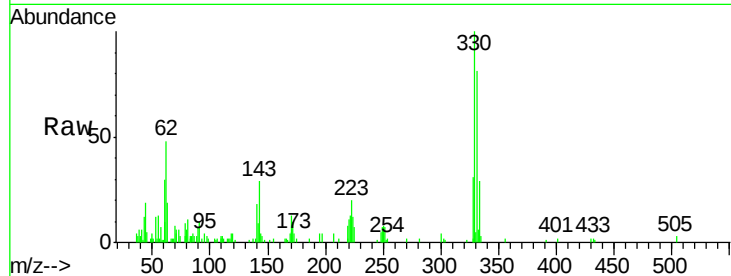




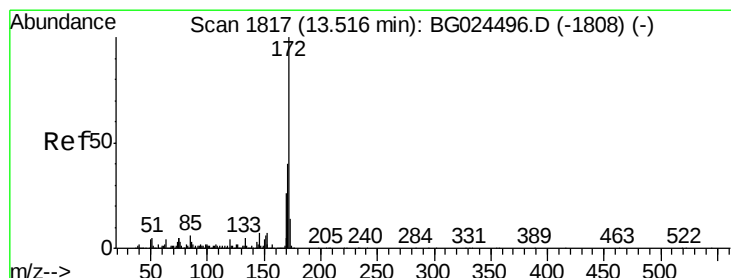
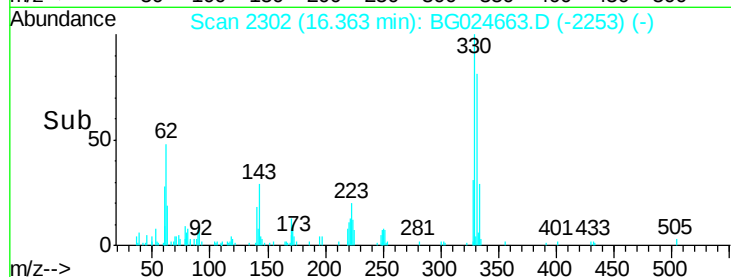
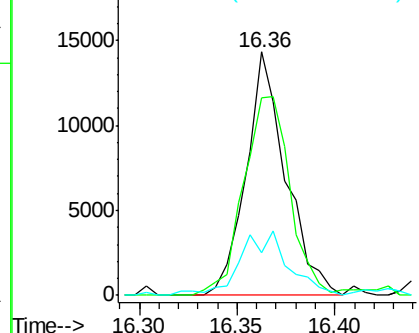
#41
 2,4,6-Tribromophenol
 Concen: 4.58 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024663.D
 Acq: 4 Nov 2016 1:36

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Tgt Ion:330 Resp: 20215
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 31.9 32.1 48.1#

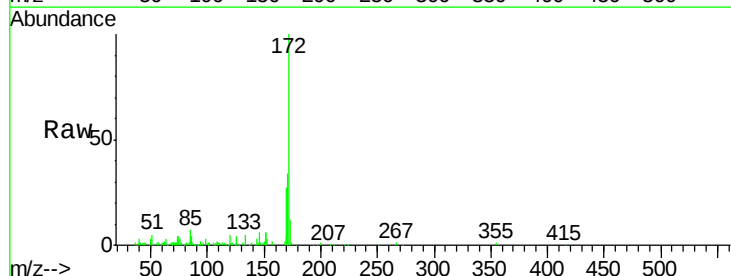


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

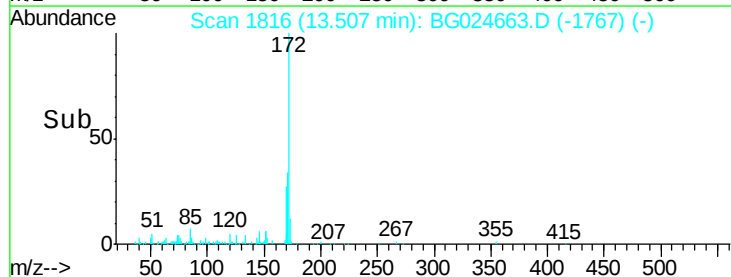
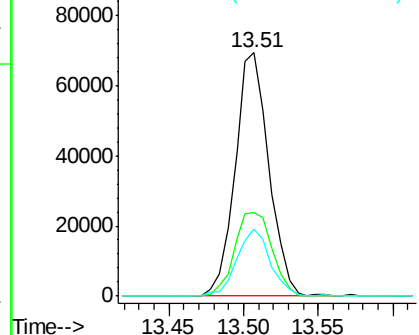


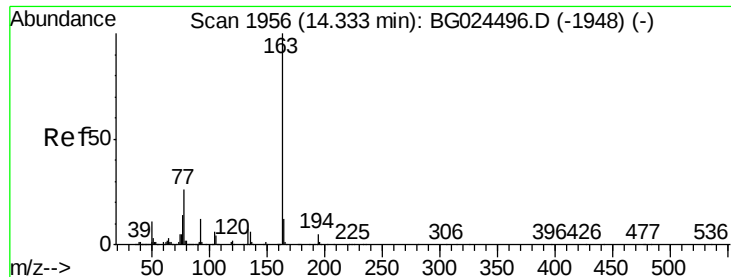
#44
 2-Fluorobiphenyl
 Concen: 6.13 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024663.D
 Acq: 4 Nov 2016 1:36

Tgt Ion:172 Resp: 108936
 Ion Ratio Lower Upper
 172 100
 171 34.5 32.2 48.2
 170 27.4 21.8 32.6



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: 13.87 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024663.D

Acq: 4 Nov 2016 1:36

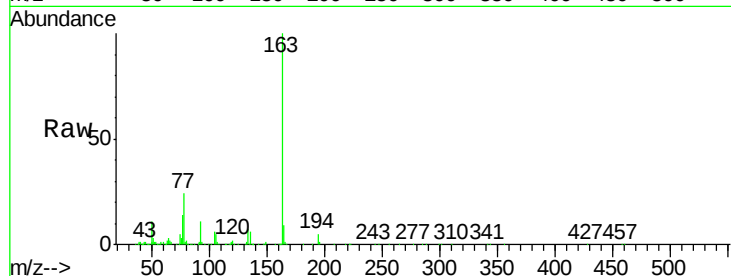
Instrument :

BNA_G

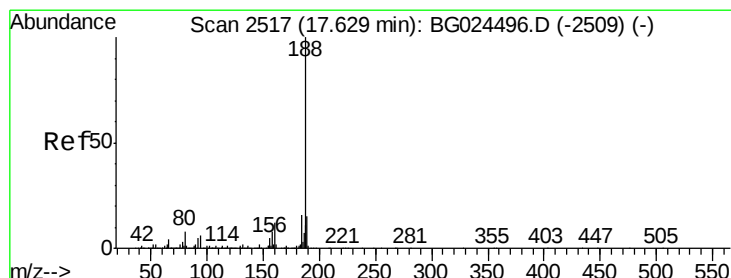
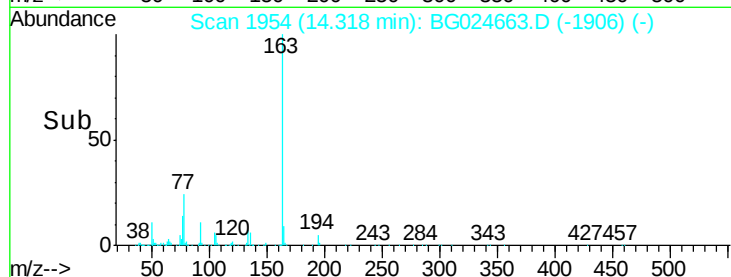
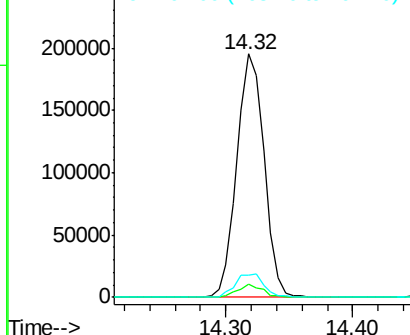
ClientSampleId :

14B(1-4)-COMP

Tgt Ion:	163	Resp:	290907
Ion Ratio		Lower	Upper
163	100		
194	5.2	3.8	5.6
164	9.3	9.3	13.9#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

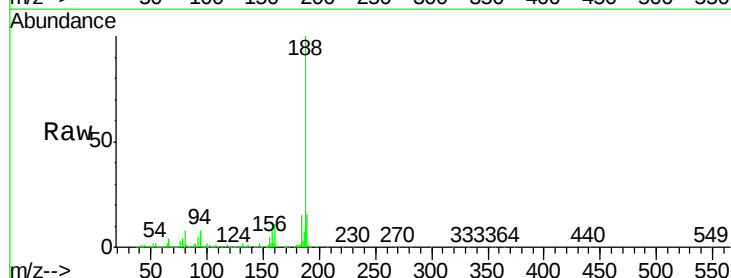
RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

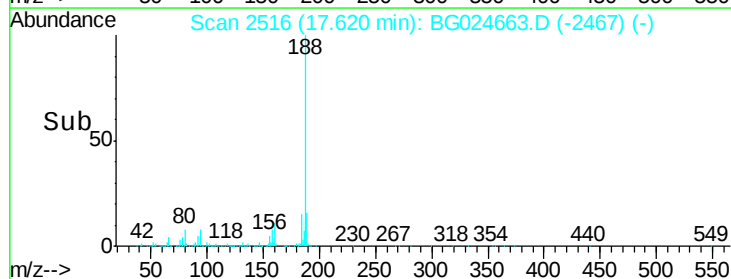
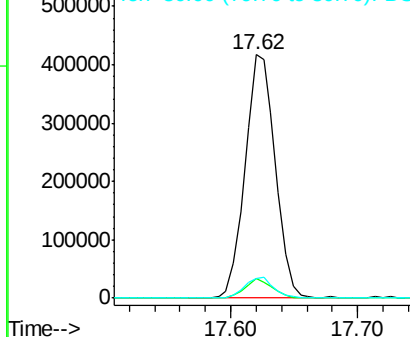
Lab File: BG024663.D

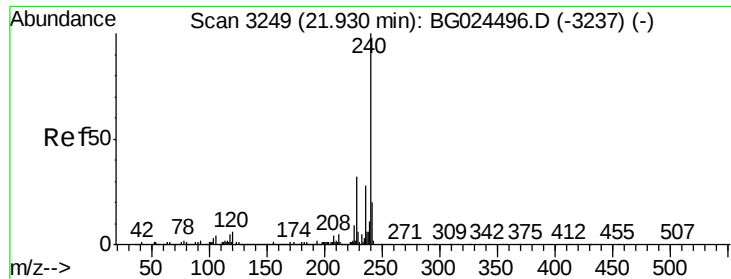
Acq: 4 Nov 2016 1:36

Tgt Ion:	188	Resp:	688147
Ion Ratio		Lower	Upper
188	100		
94	7.8	5.8	8.8
80	8.2	7.5	11.3



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

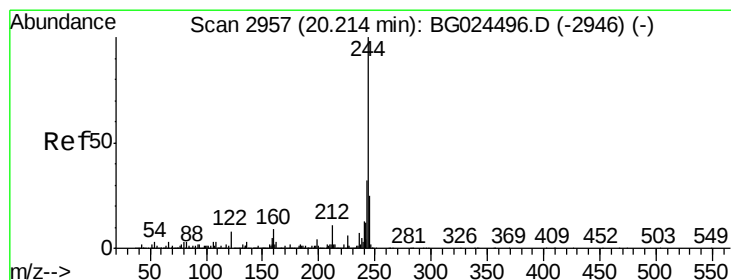
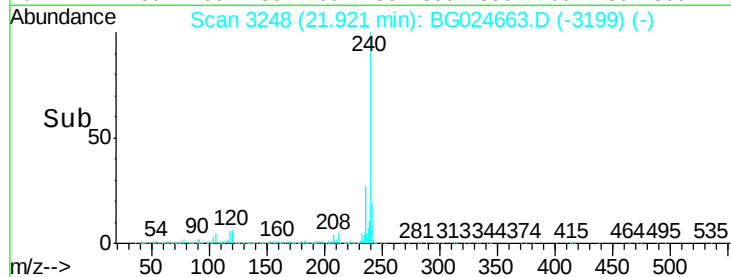
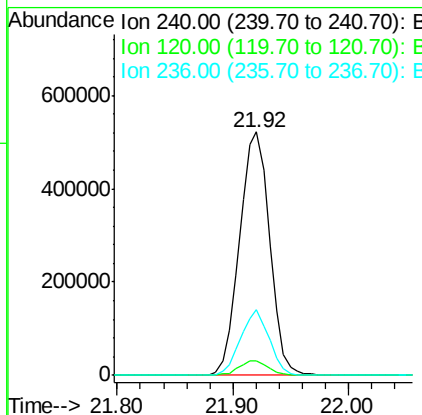
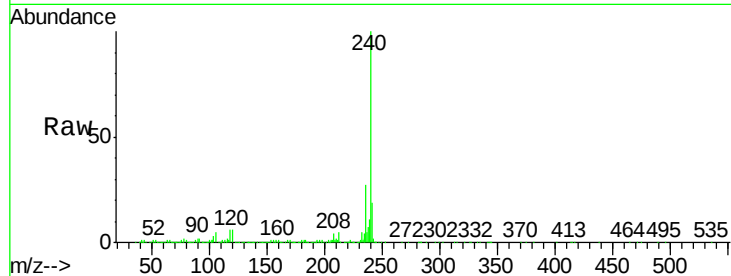




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

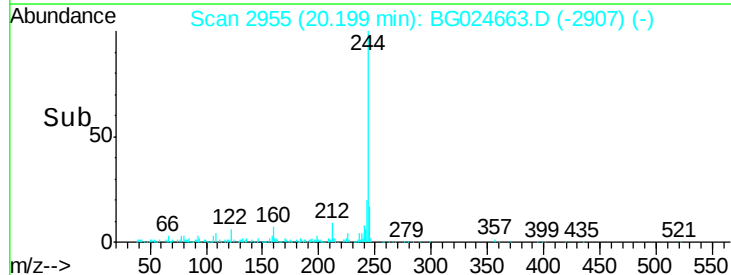
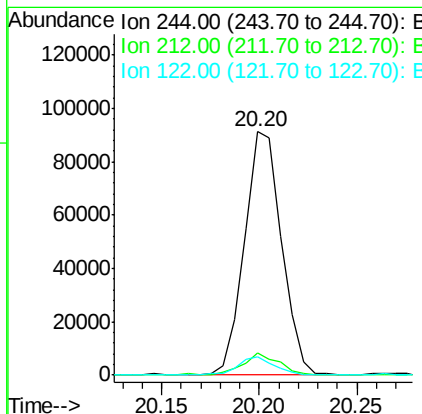
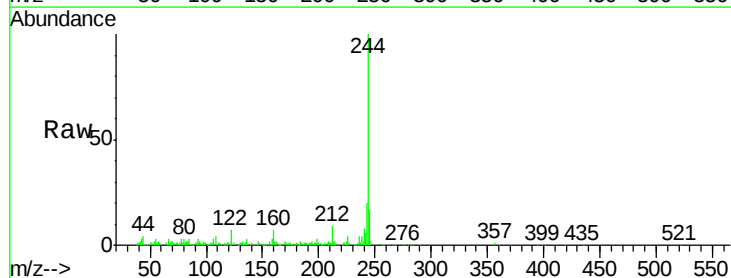
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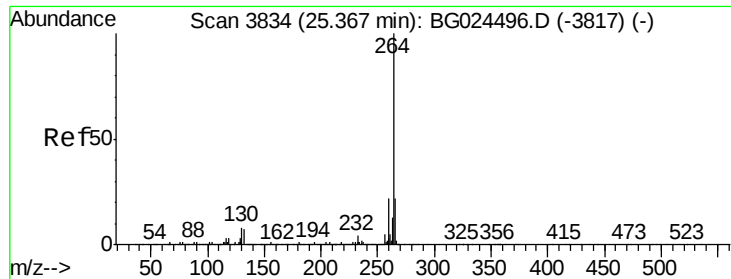
Tgt Ion:240 Resp: 945735
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 27.2 22.2 33.4



#78
Terphenyl-d14
Concen: 3.81 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Tgt Ion:244 Resp: 120531
Ion Ratio Lower Upper
244 100
212 9.3 10.0 15.0#
122 7.7 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024663.D
Acq: 4 Nov 2016 1:36

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	23.7	18.2	27.4

