

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
 Data File : BG024532.D
 Acq On : 27 Oct 2016 22:09
 Operator : UM/SJ
 Sample : H5434-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Oct 28 02:15:21 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

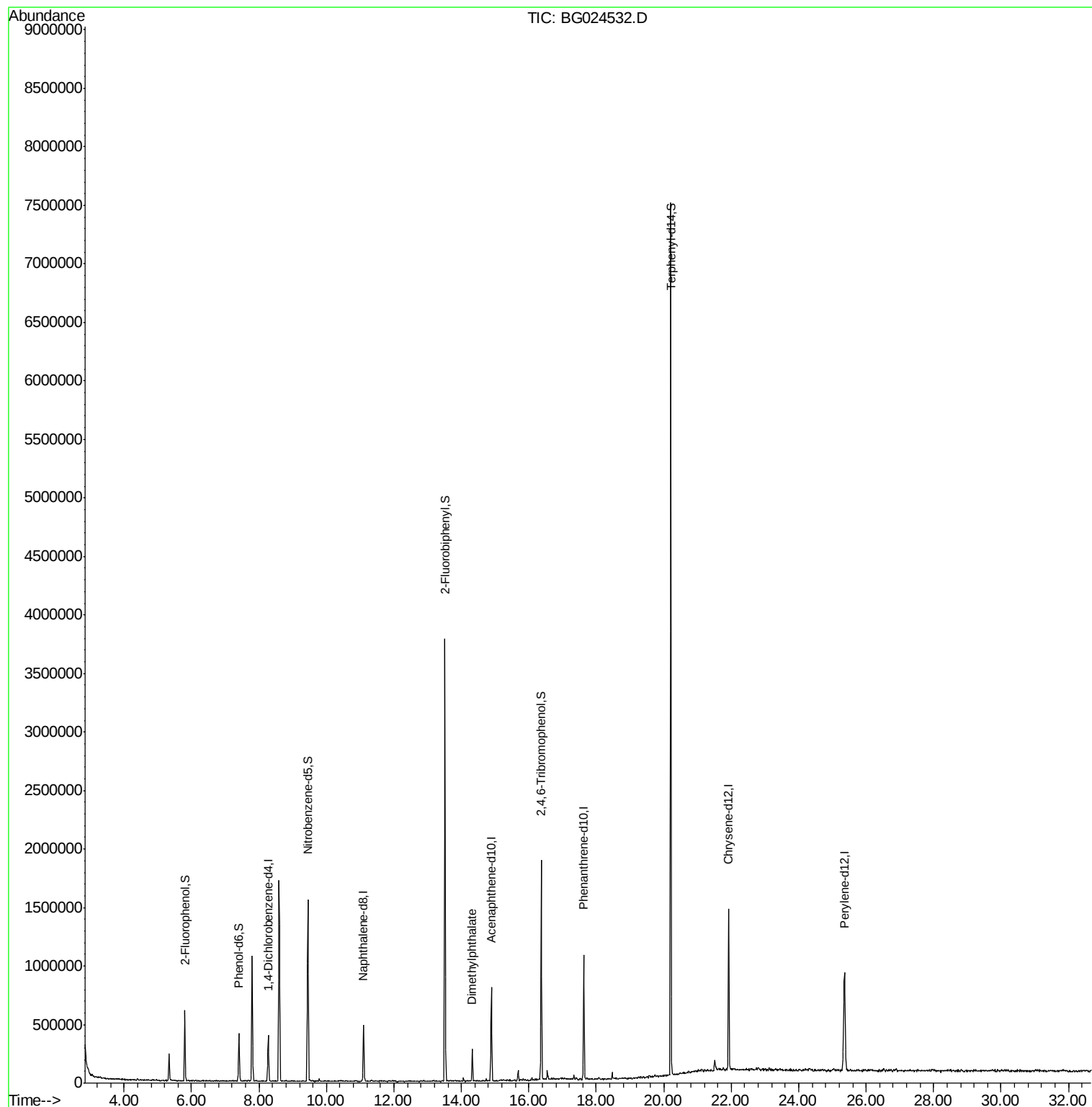
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103052	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	391332	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	293357	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	676778	20.00	ng	0.00
75) Chrysene-d12	21.93	240	979990	20.00	ng	0.00
86) Perylene-d12	25.35	264	1067106	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	239765	38.13	ng	0.00
7) Phenol-d6	7.40	99	209909	24.34	ng	0.00
23) Nitrobenzene-d5	9.45	82	955698	111.19	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	366971	83.73	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1874171	106.19	ng	0.00
78) Terphenyl-d14	20.21	244	2984818	91.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	168924	8.11	ng	Qvalue 99

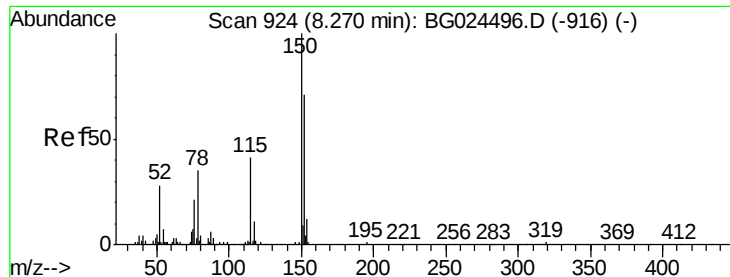
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024532.D

Acq: 27 Oct 2016 22:09

Instrument :

BNA_G

ClientSampleId :

MW-4

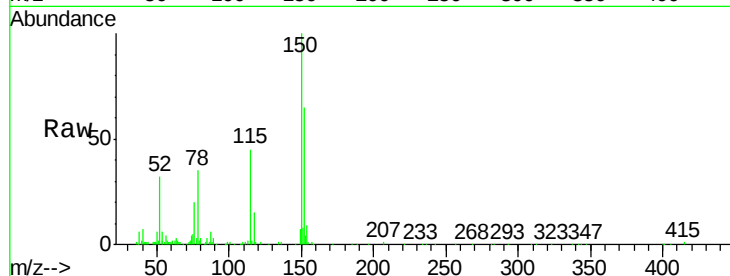
Tgt Ion:152 Resp: 103052

Ion Ratio Lower Upper

152 100

150 152.7 114.0 171.0

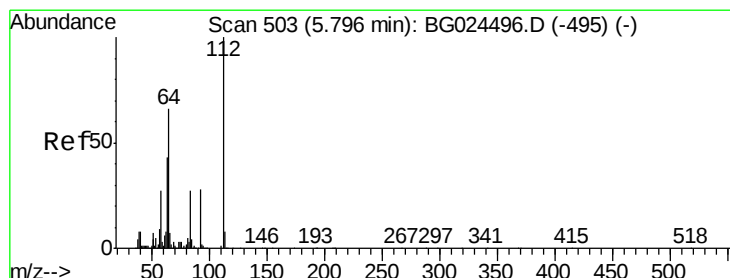
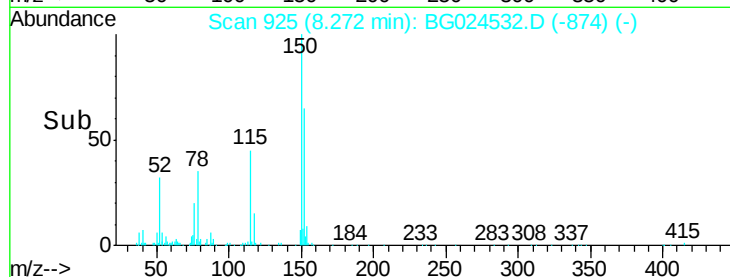
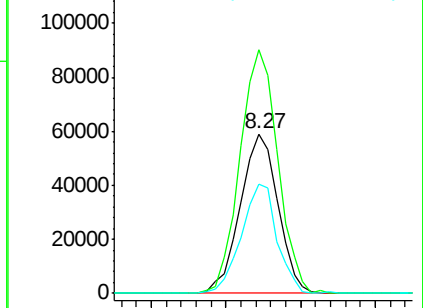
115 68.2 48.1 72.1



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: 38.13 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

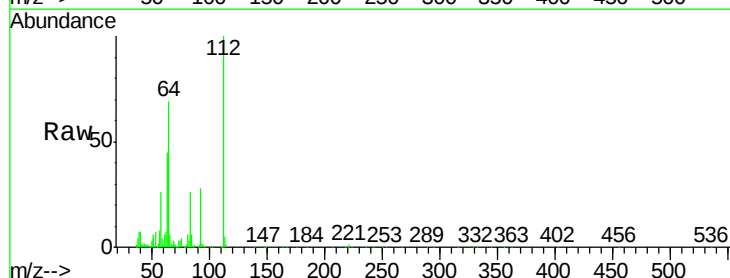
Tgt Ion:112 Resp: 239765

Ion Ratio Lower Upper

112 100

64 68.7 61.8 92.6

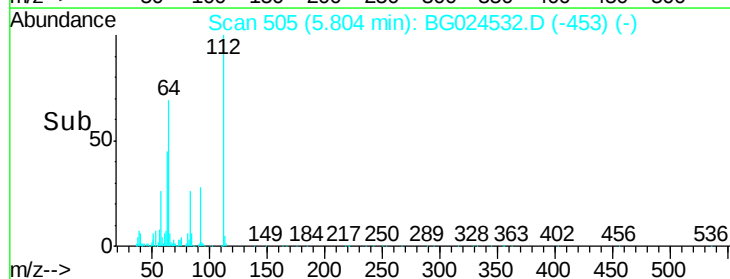
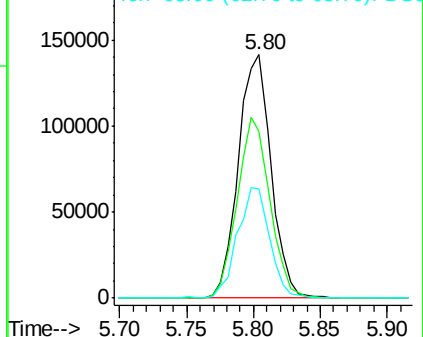
63 45.0 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.34 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

Instrument :

BNA_G

ClientSampleId :

MW-4

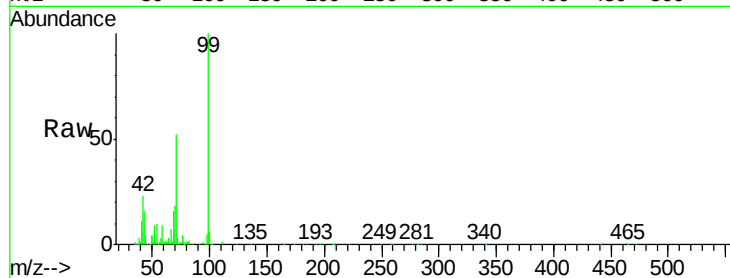
Tgt Ion: 99 Resp: 209909

Ion Ratio Lower Upper

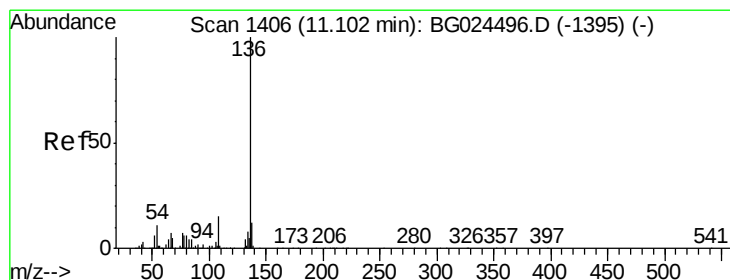
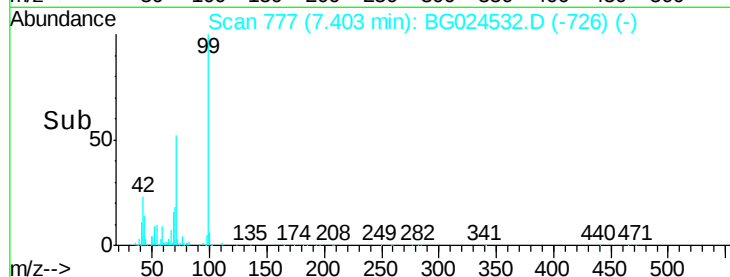
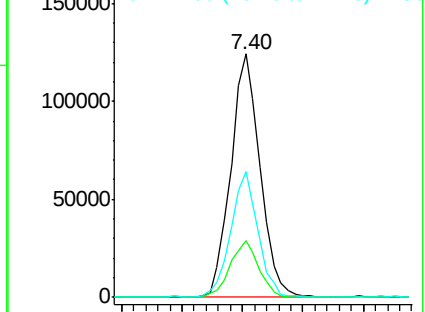
99 100

42 23.5 20.5 30.7

71 51.9 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

Tgt Ion: 136 Resp: 391332

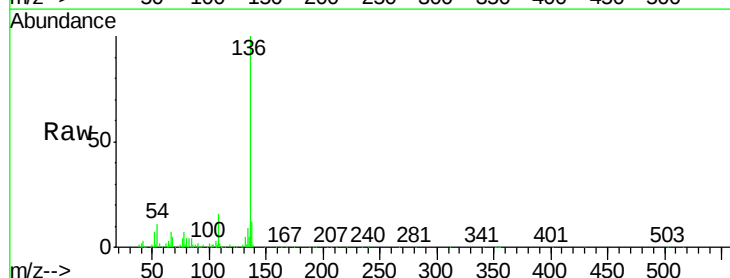
Ion Ratio Lower Upper

136 100

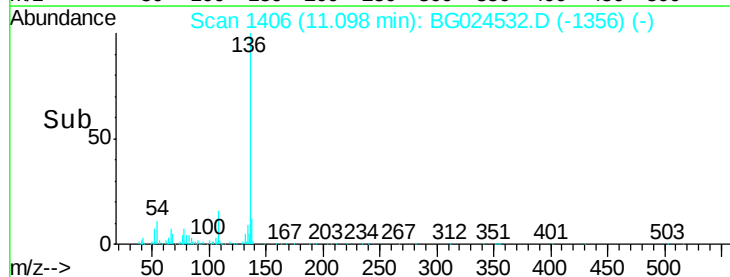
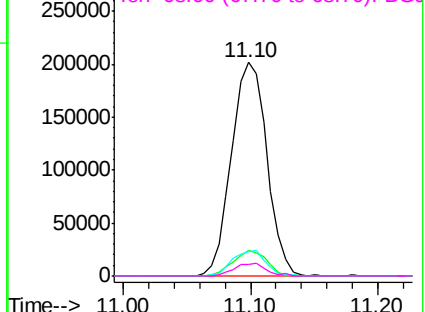
137 11.9 8.9 13.3

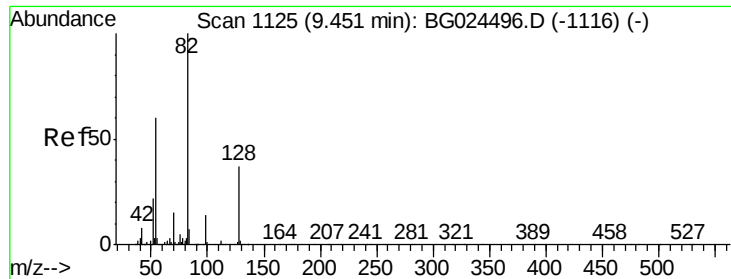
54 11.3 9.3 13.9

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

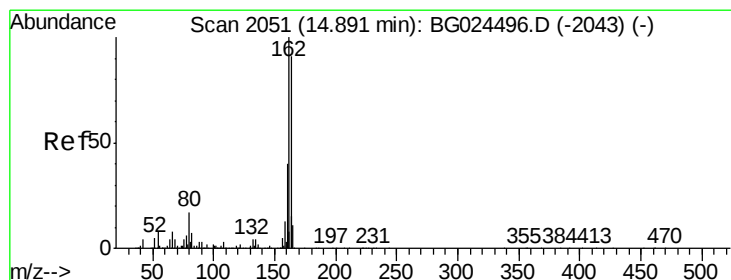
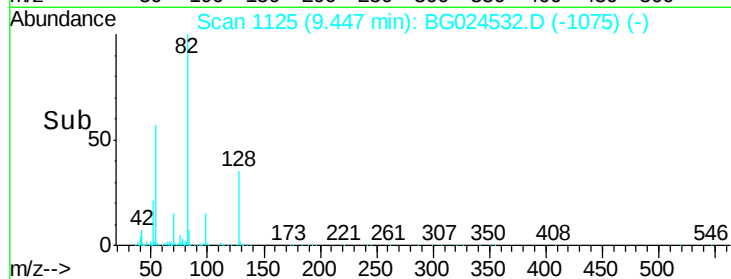
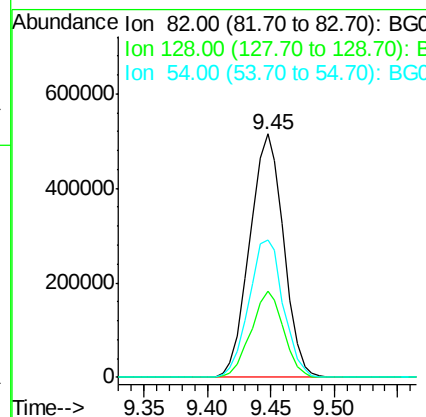
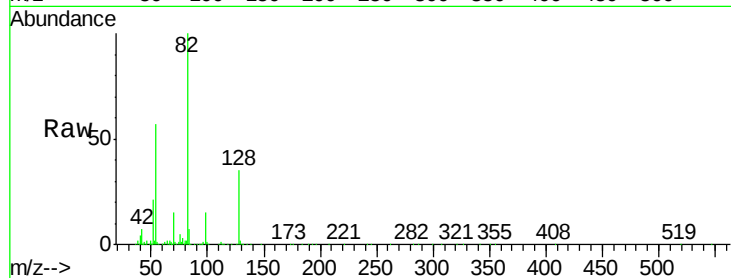




#23
 Nitrobenzene-d5
 Concen: 111.19 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024532.D
 Acq: 27 Oct 2016 22:09

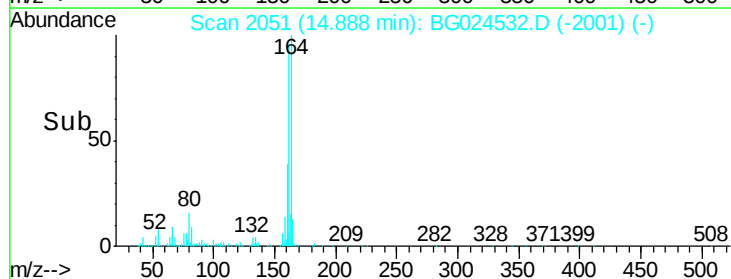
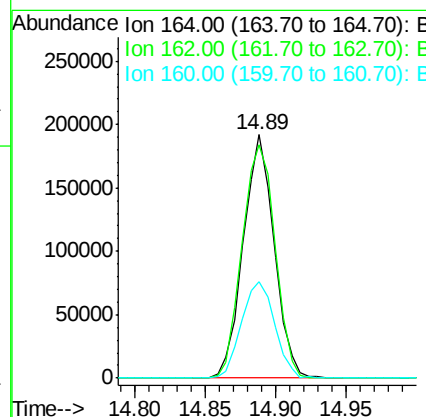
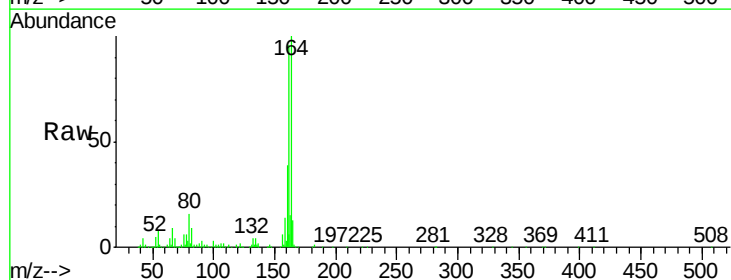
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

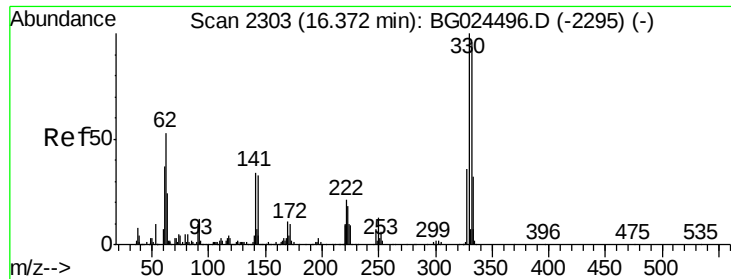
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.4	39.6
54	56.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024532.D
 Acq: 27 Oct 2016 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	85.1	127.7
160	39.5	34.7	52.1

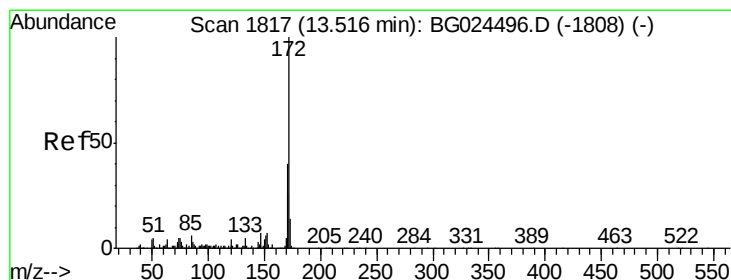
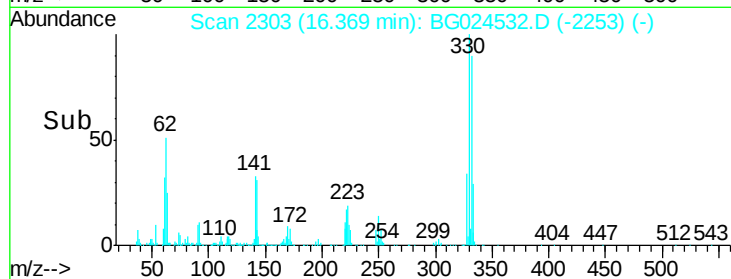
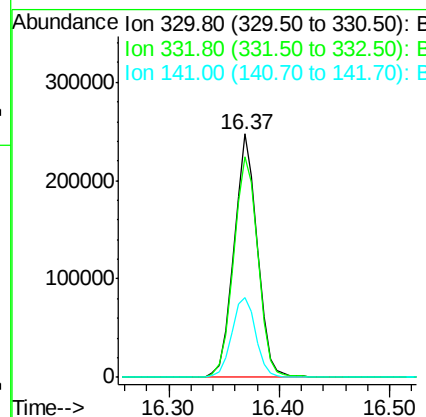
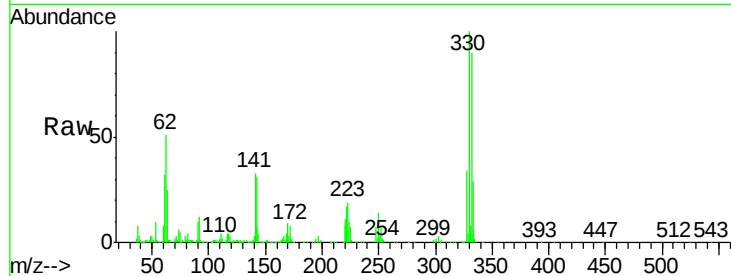




#41
 2,4,6-Tribromophenol
 Concen: 83.73 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024532.D
 Acq: 27 Oct 2016 22:09

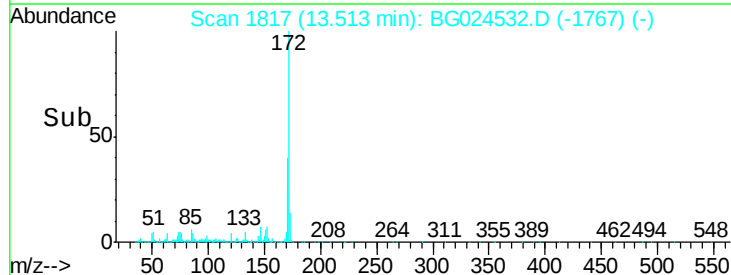
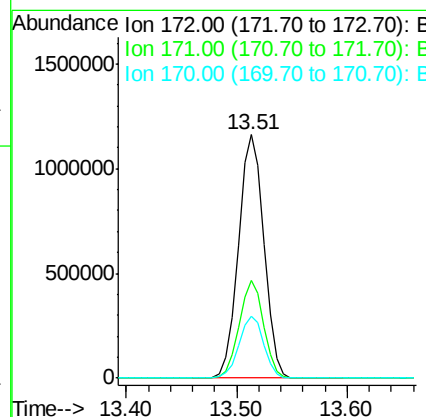
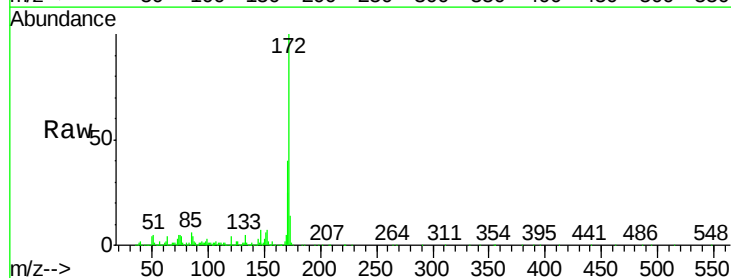
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

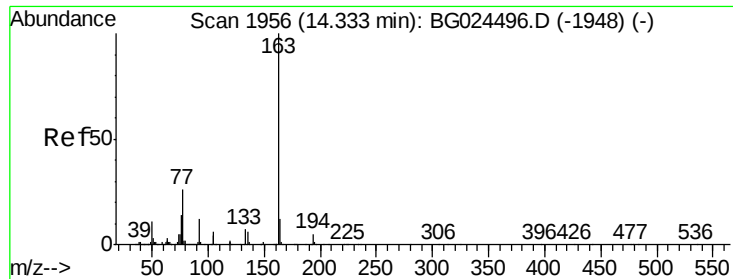
Tgt Ion:330 Resp: 366971
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.3 115.9
 141 33.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.19 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024532.D
 Acq: 27 Oct 2016 22:09

Tgt Ion:172 Resp: 1874171
 Ion Ratio Lower Upper
 172 100
 171 39.9 32.2 48.2
 170 25.3 21.8 32.6





#49

Dimethylphthalate

Concen: 8.11 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

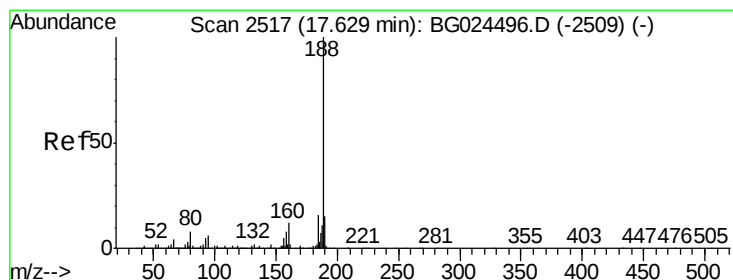
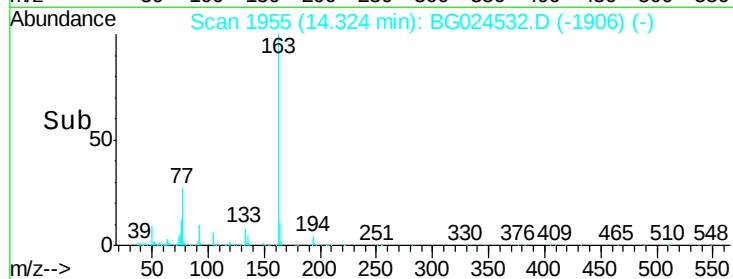
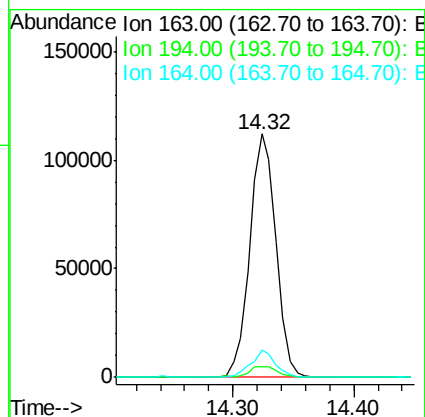
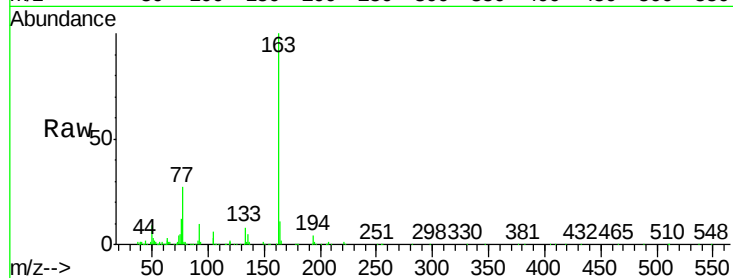
Instrument :

BNA_G

ClientSampleId :

MW-4

Tgt Ion:	163	Resp:	168924
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	11.3	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

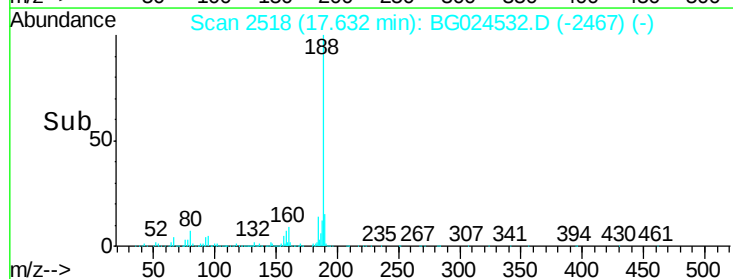
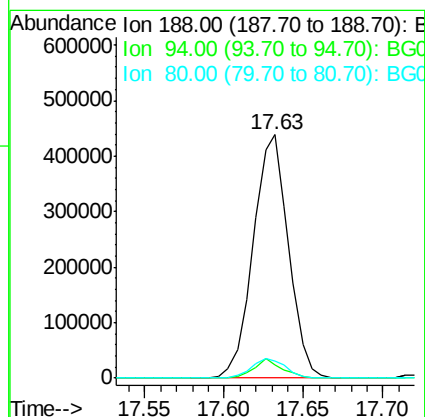
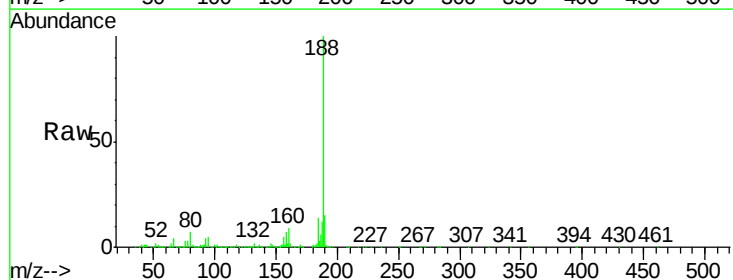
RT: 17.63 min Scan# 2518

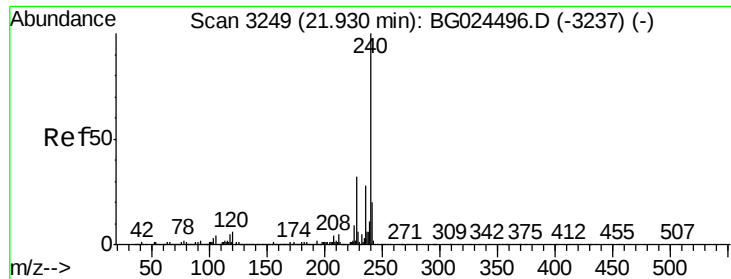
Delta R.T. 0.00 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

Tgt Ion:	188	Resp:	676778
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.8	8.8#
80	7.1	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

Instrument :

BNA_G

ClientSampleId :

MW-4

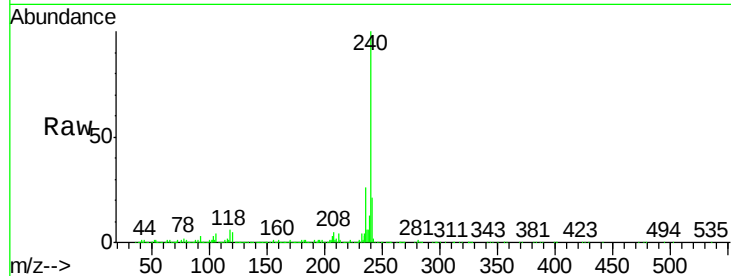
Tgt Ion:240 Resp: 979990

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

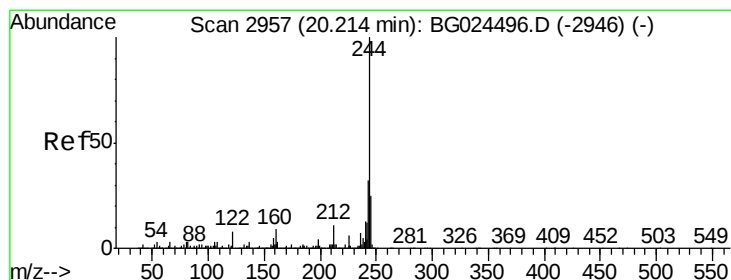
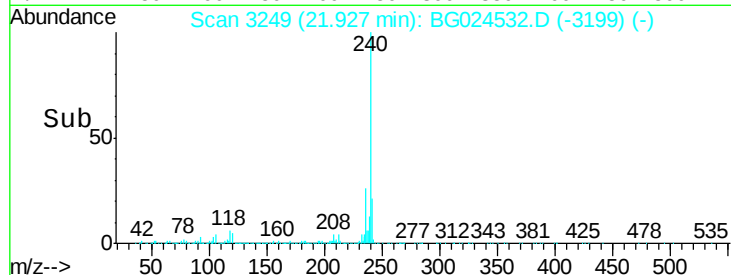
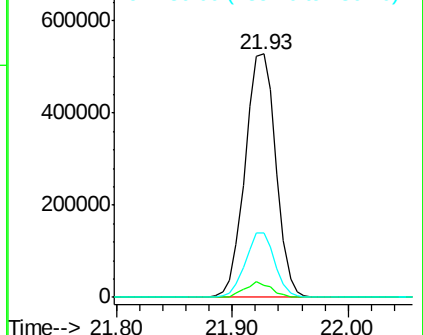
236 26.4 22.2 33.4



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: 91.01 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024532.D

Acq: 27 Oct 2016 22:09

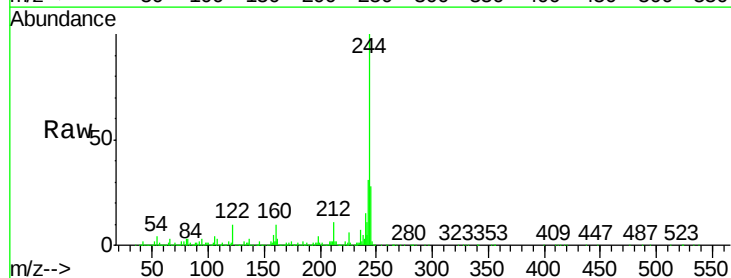
Tgt Ion:244 Resp: 2984818

Ion Ratio Lower Upper

244 100

212 11.4 10.0 15.0

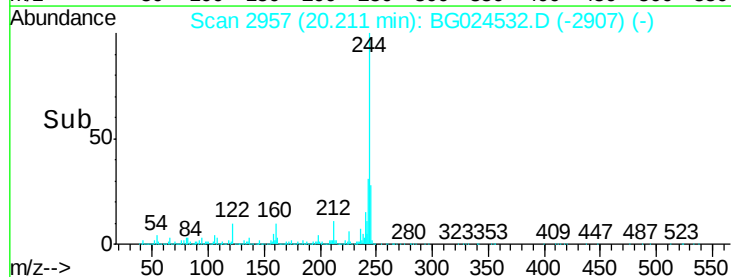
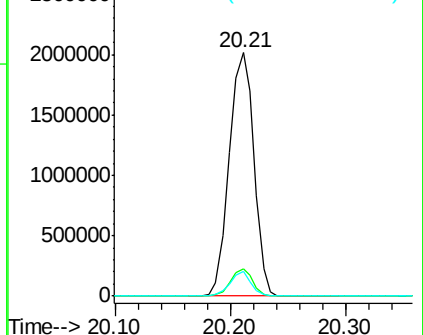
122 10.4 8.6 12.8

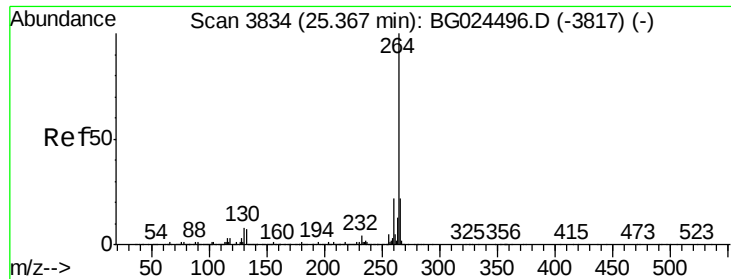


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BG024532.D
Acq: 27 Oct 2016 22:09

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 1067106

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	19.8	18.2	27.4

