

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024644.D
 Acq On : 3 Nov 2016 3:05
 Operator : UM/SJ
 Sample : H5491-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-77-7.7-17.0

Quant Time: Nov 03 04:12:37 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	113626	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	438233	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	332235	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	734324	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1048023	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1064443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	107940	15.57	ng	0.00
7) Phenol-d6	7.40	99	185105	19.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	749866	77.91	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	5050	1.02	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1570153	78.55	ng	0.00
78) Terphenyl-d14	20.21	244	2587658	73.78	ng	0.00

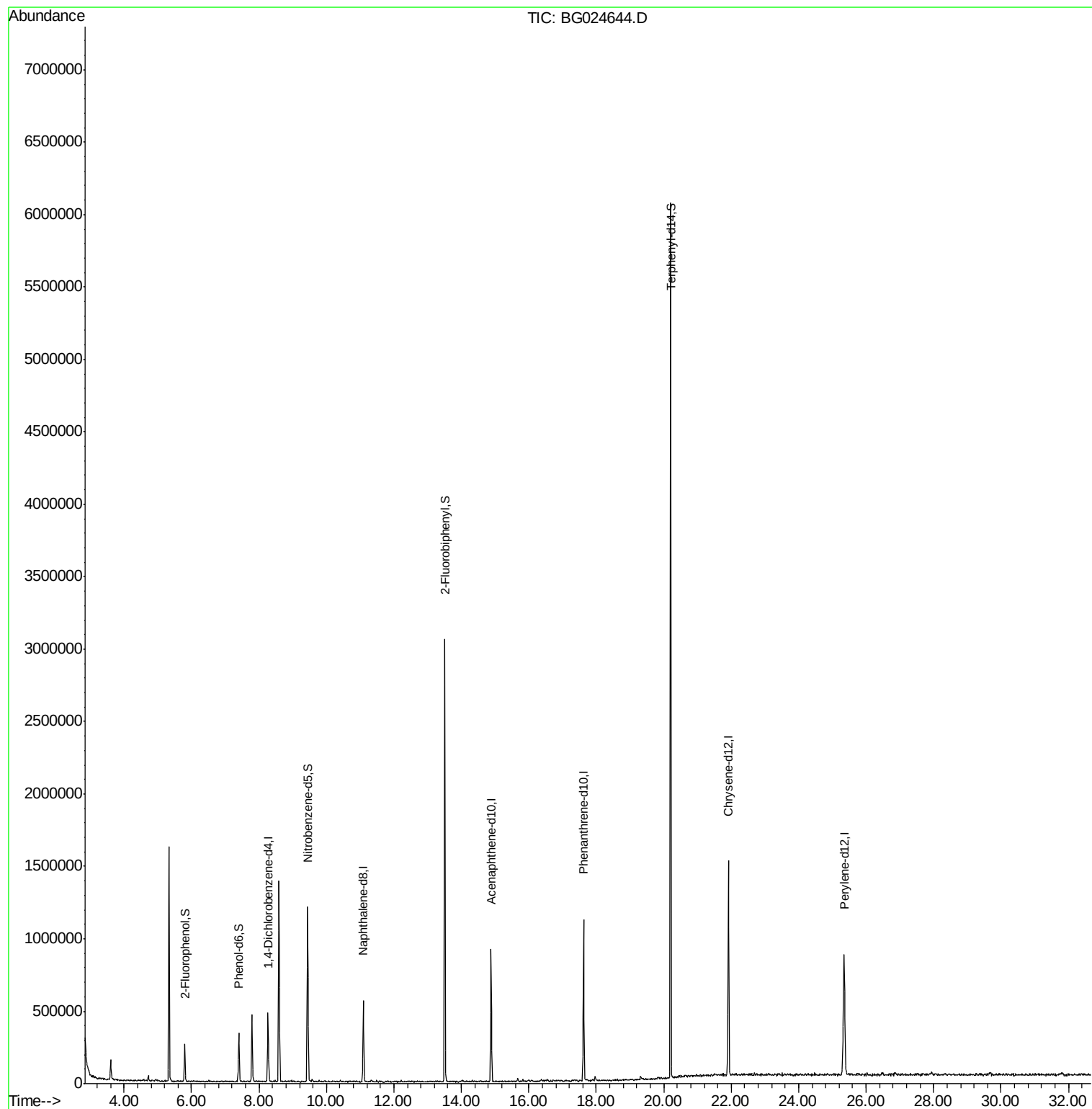
Target Compounds	Qvalue
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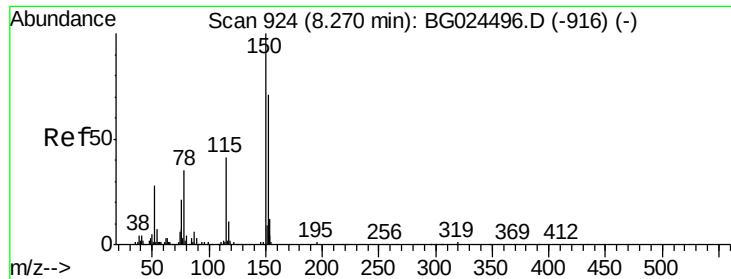
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024644.D

Acq: 3 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

GW-77-7.7-17.0

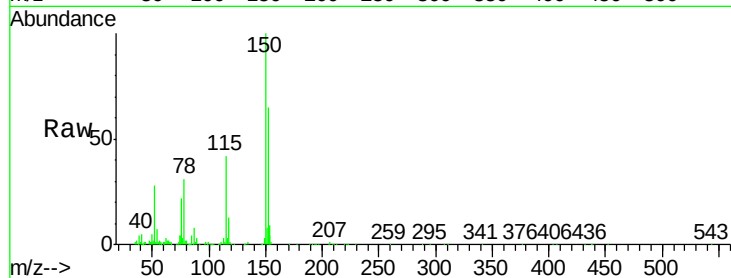
Tgt Ion:152 Resp: 113626

Ion Ratio Lower Upper

152 100

150 154.8 114.0 171.0

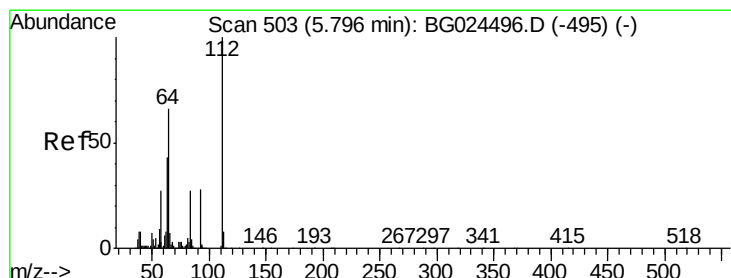
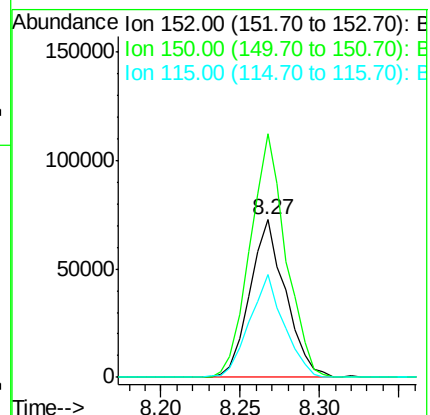
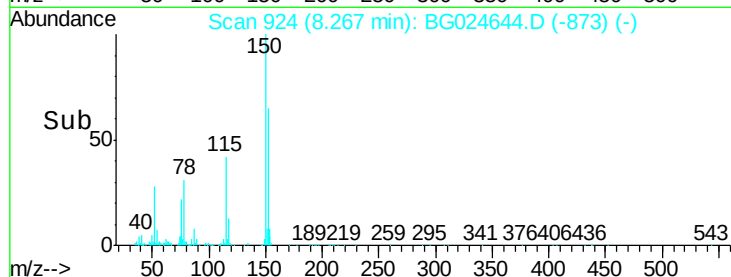
115 65.1 48.1 72.1



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: 15.57 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024644.D

Acq: 3 Nov 2016 3:05

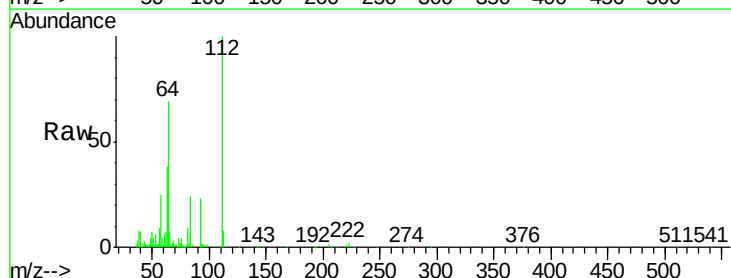
Tgt Ion:112 Resp: 107940

Ion Ratio Lower Upper

112 100

64 68.8 61.8 92.6

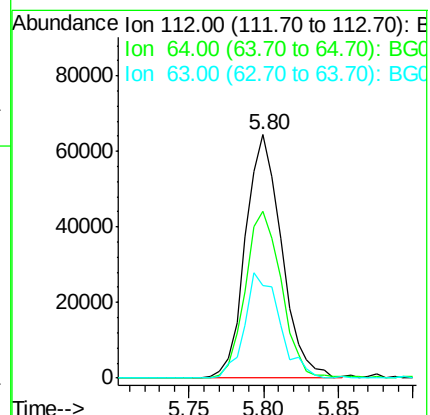
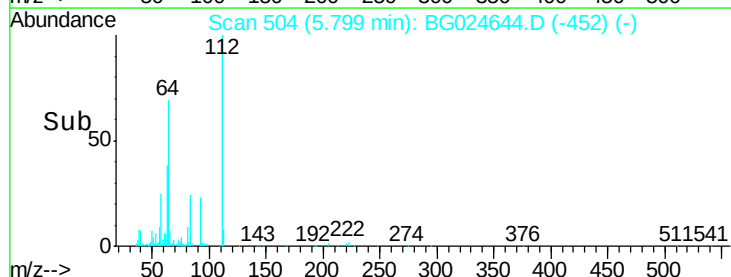
63 38.2 37.2 55.8

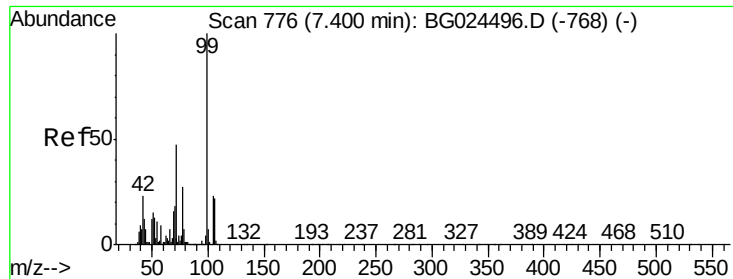


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 19.46 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024644.D

Acq: 3 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

GW-77-7.7-17.0

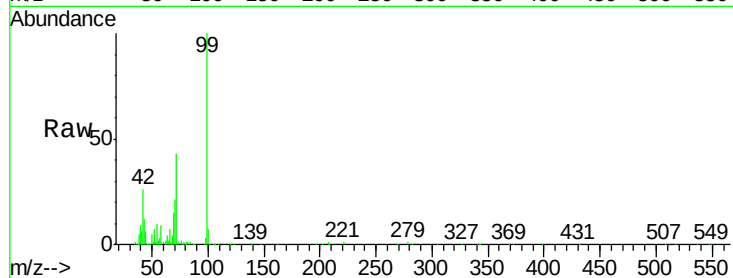
Tgt Ion: 99 Resp: 185105

Ion Ratio Lower Upper

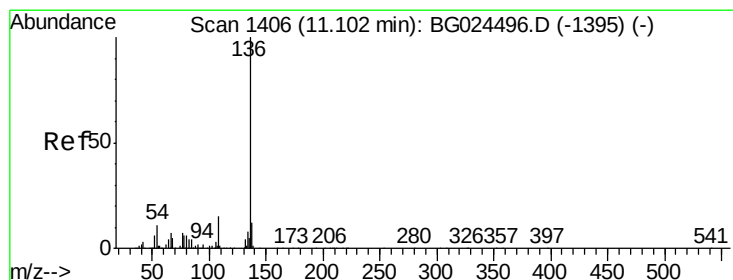
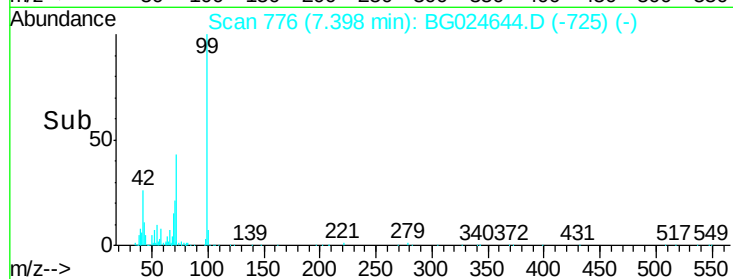
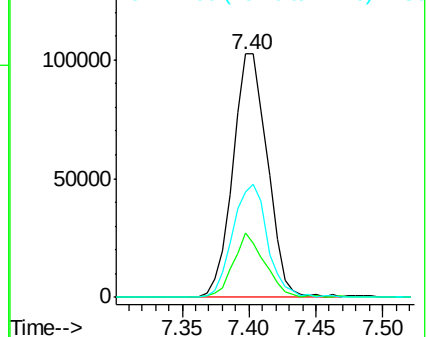
99 100

42 26.3 20.5 30.7

71 43.2 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: BG024644.D

Acq: 3 Nov 2016 3:05

Tgt Ion: 136 Resp: 438233

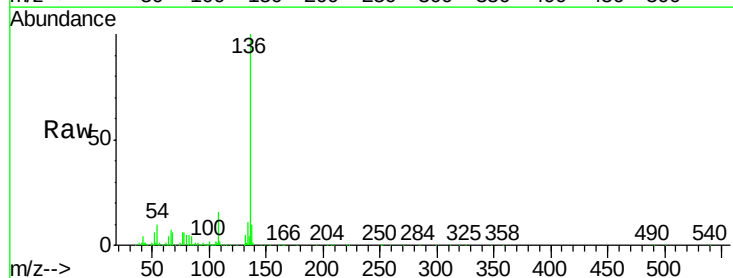
Ion Ratio Lower Upper

136 100

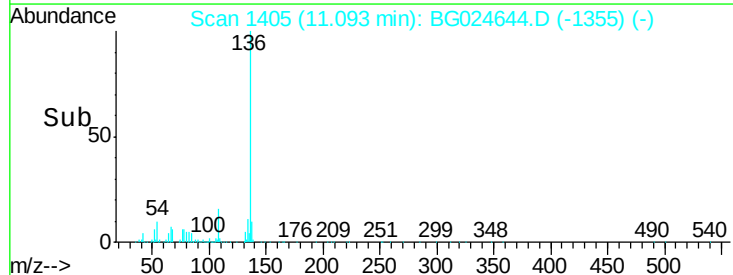
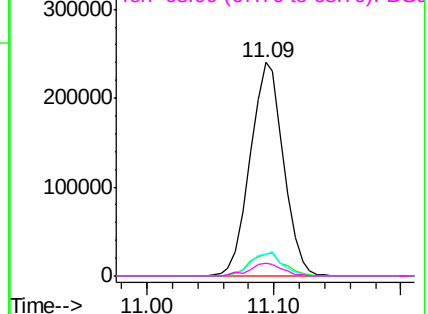
137 10.0 8.9 13.3

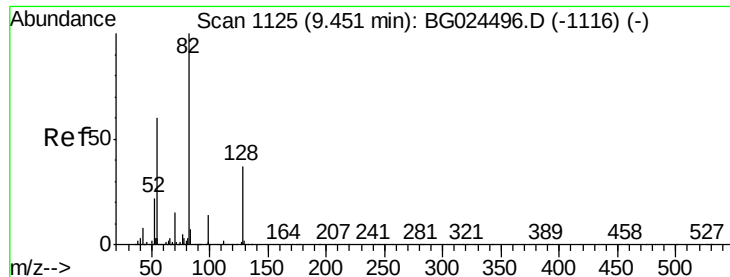
54 10.4 9.3 13.9

68 5.9 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

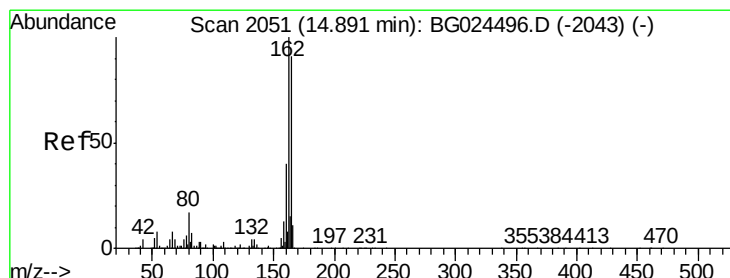
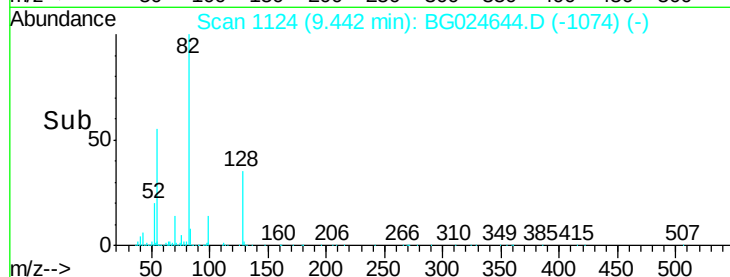
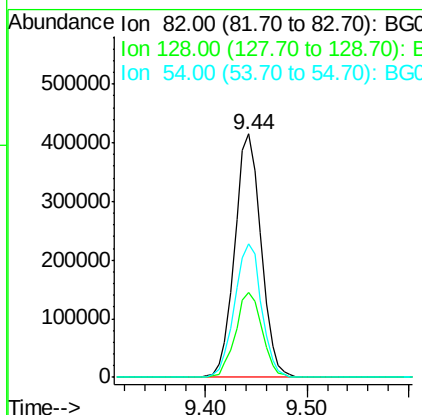
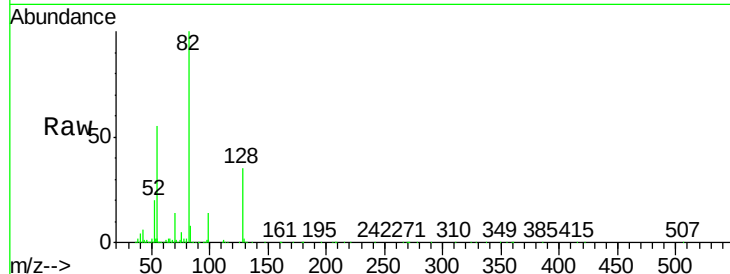




#23
 Nitrobenzene-d5
 Concen: 77.91 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024644.D
 Acq: 3 Nov 2016 3:05

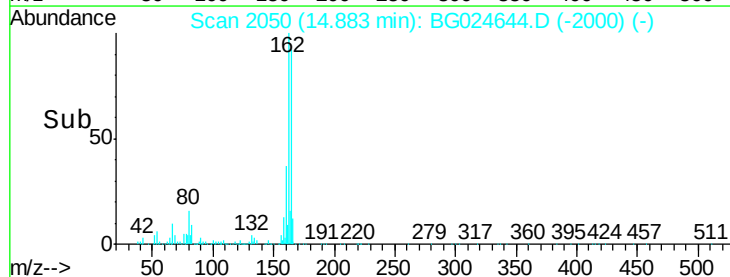
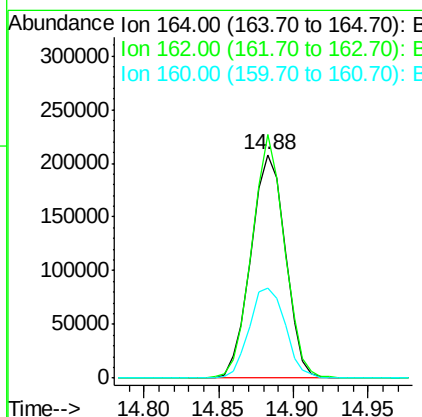
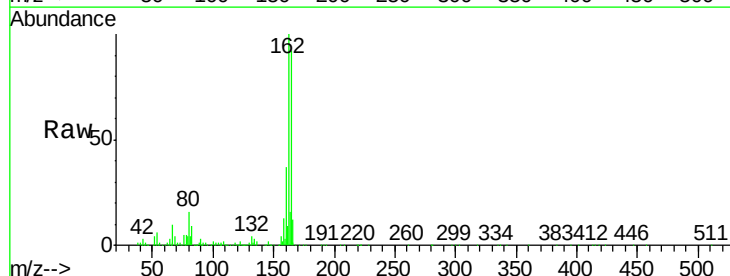
Instrument :
 BNA_G
 ClientSampleId :
 GW-77-7.7-17.0

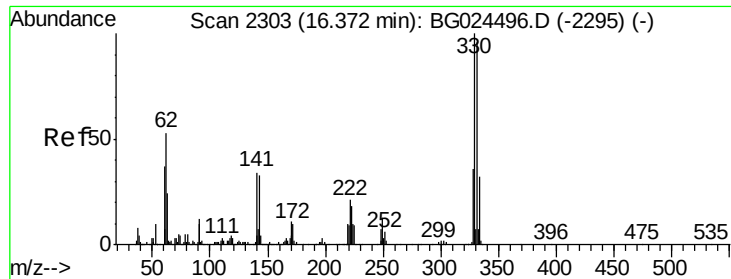
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	26.4	39.6
54	54.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024644.D
 Acq: 3 Nov 2016 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	85.1	127.7
160	40.5	34.7	52.1

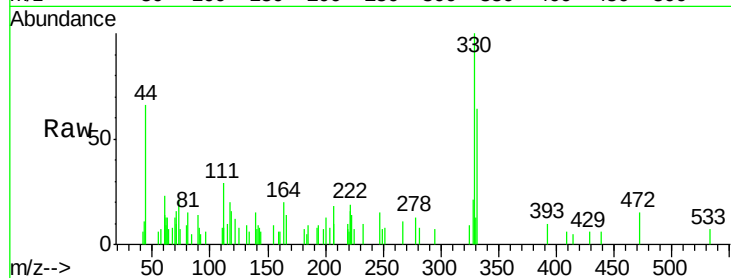




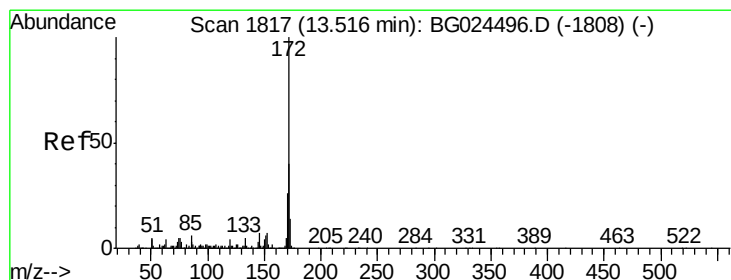
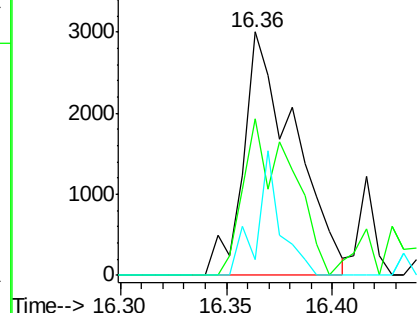
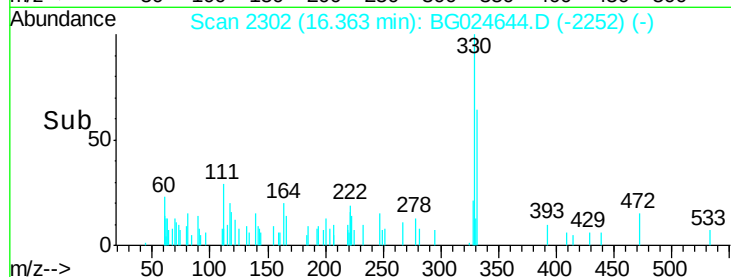
#41
 2,4,6-Tribromophenol
 Concen: 1.02 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024644.D
 Acq: 3 Nov 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 GW-77-7.7-17.0

Tgt Ion:330 Resp: 5050
 Ion Ratio Lower Upper
 330 100
 332 60.1 77.3 115.9#
 141 23.9 32.1 48.1#

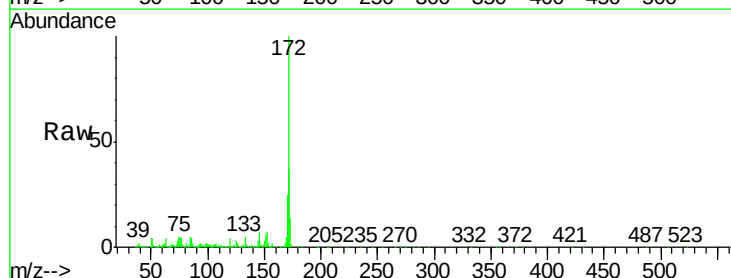


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

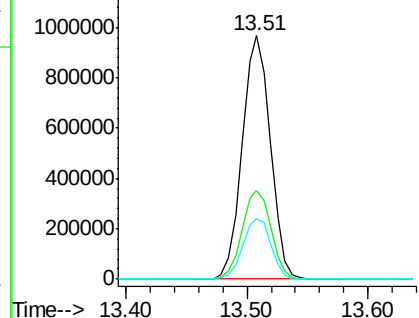
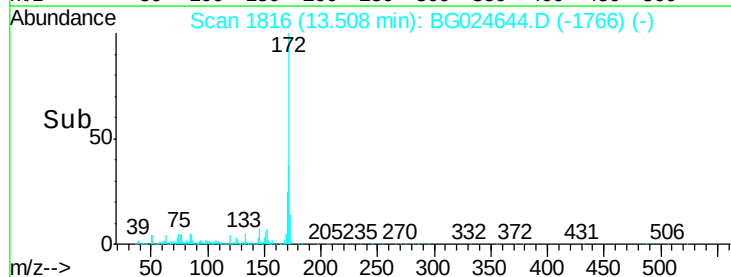


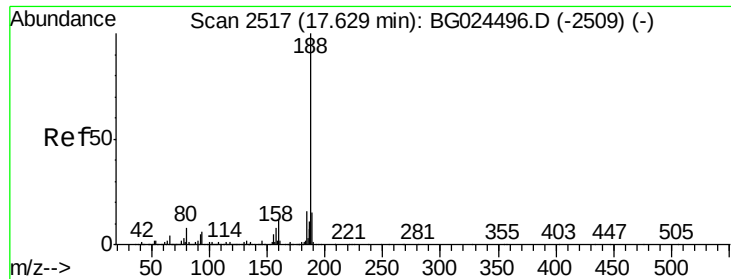
#44
 2-Fluorobiphenyl
 Concen: 78.55 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024644.D
 Acq: 3 Nov 2016 3:05

Tgt Ion:172 Resp: 1570153
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 24.8 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

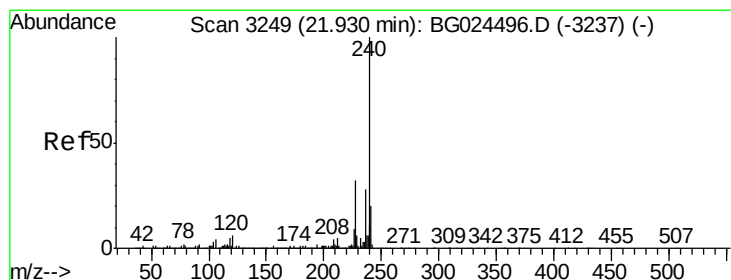
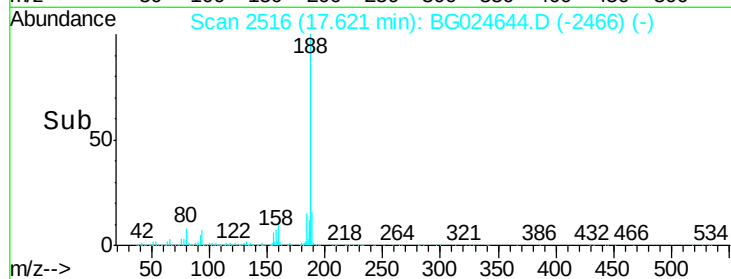
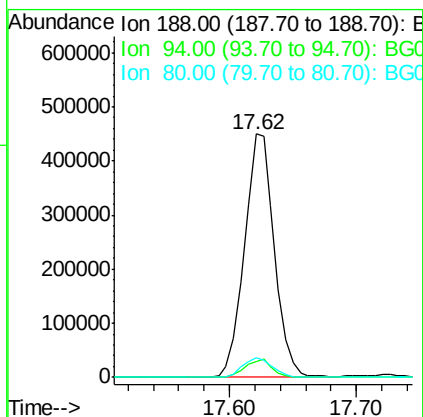
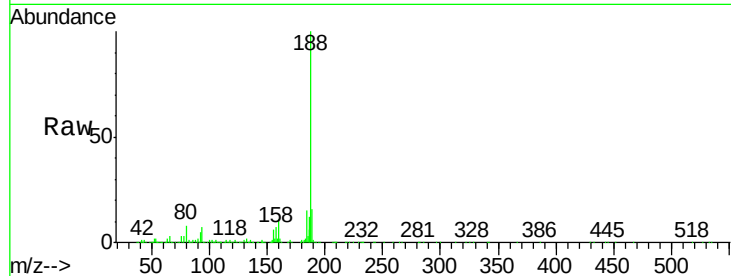




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024644.D
Acq: 3 Nov 2016 3:05

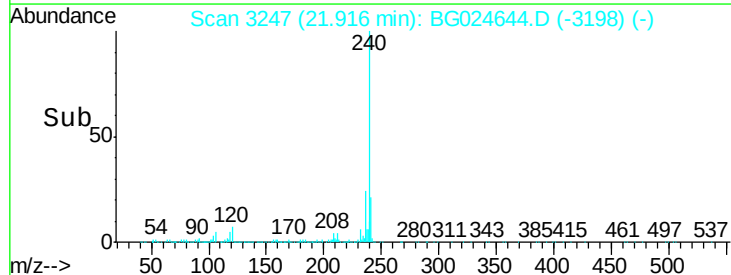
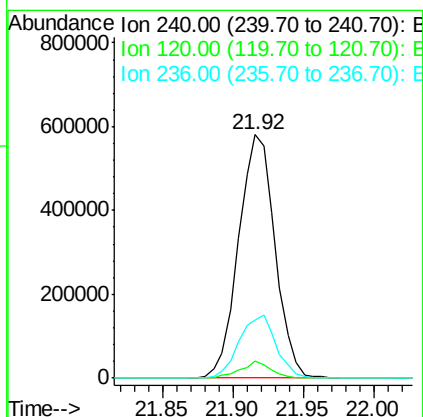
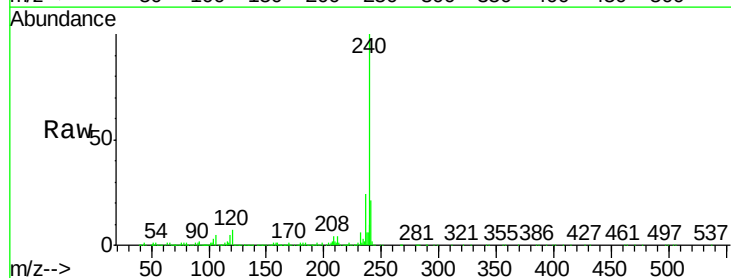
Instrument :
BNA_G
ClientSampleId :
GW-77-7.7-17.0

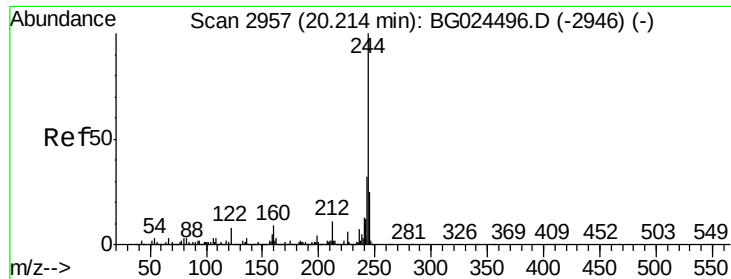
Tgt Ion:188 Resp: 734324
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024644.D
Acq: 3 Nov 2016 3:05

Tgt Ion:240 Resp: 1048023
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 23.8 22.2 33.4

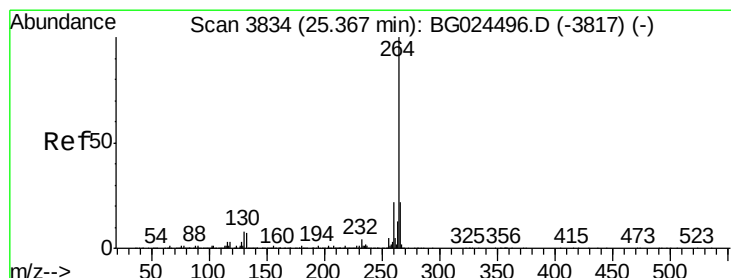
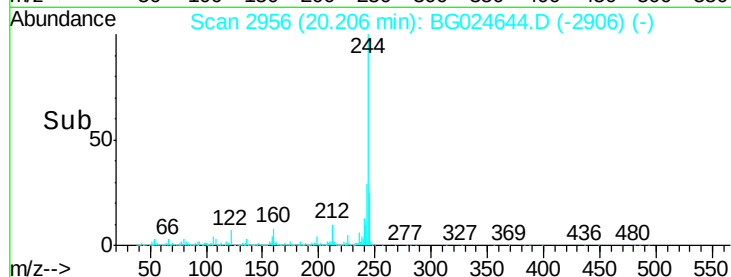
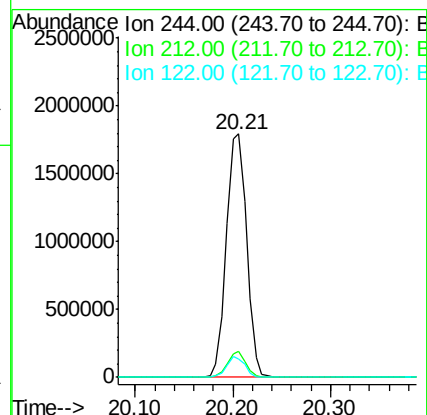
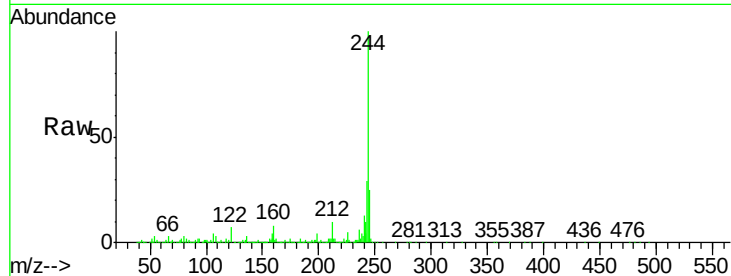




#78
 Terphenyl-d14
 Concen: 73.78 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024644.D
 Acq: 3 Nov 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 GW-77-7.7-17.0

Tgt Ion:244 Resp: 2587658
 Ion Ratio Lower Upper
 244 100
 212 10.5 10.0 15.0
 122 7.4 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: BG024644.D
 Acq: 3 Nov 2016 3:05

Tgt Ion:264 Resp: 1064443
 Ion Ratio Lower Upper
 264 100
 260 23.1 21.8 32.8
 265 21.6 18.2 27.4

