

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024561.D
 Acq On : 31 Oct 2016 18:10
 Operator : UM/SJ
 Sample : H5477-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-1

Quant Time: Nov 01 11:56:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

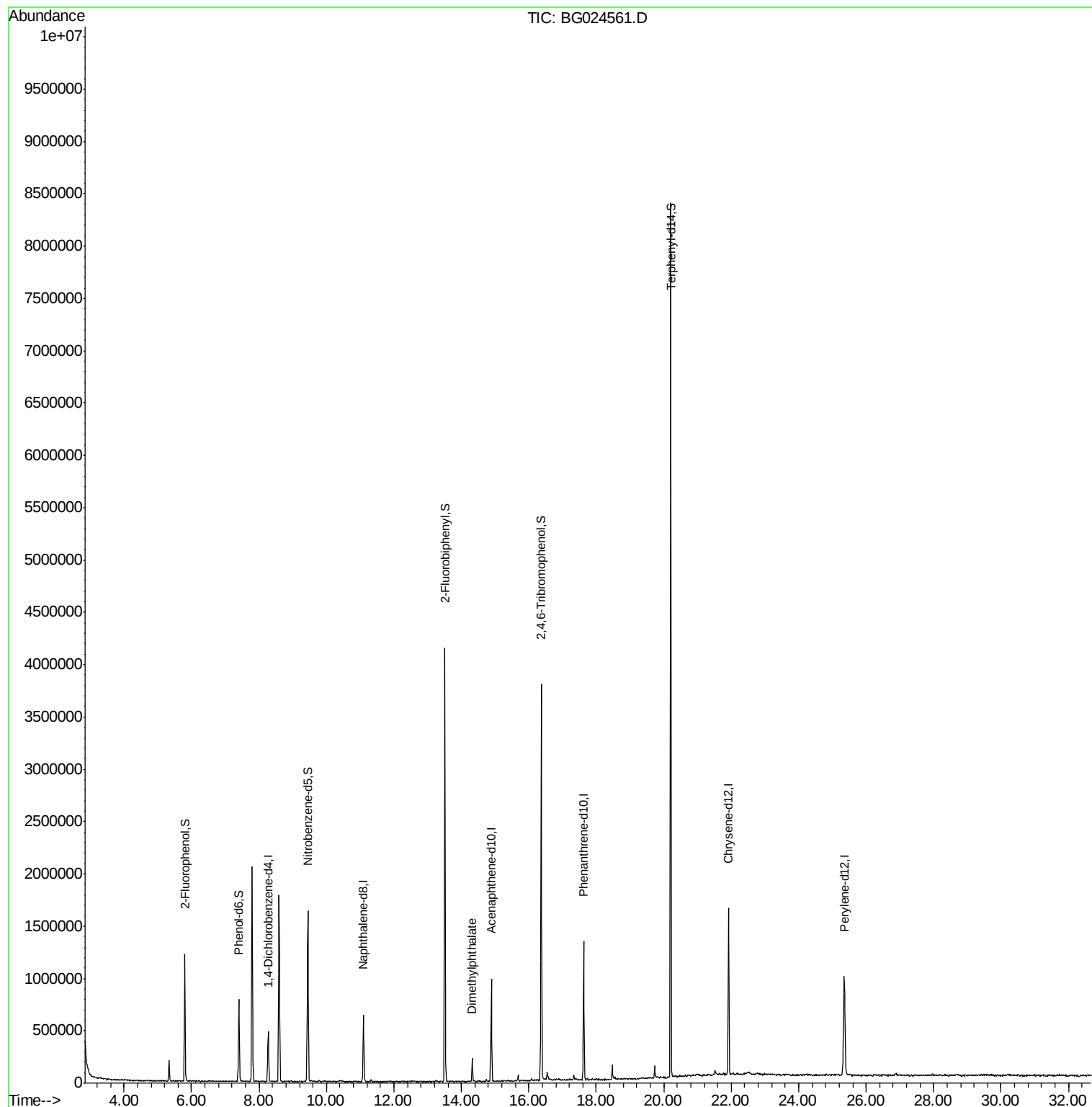
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	121885	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	496910	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	367282	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	823431	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1097330	20.00	ng	0.00
86) Perylene-d12	25.35	264	1152804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	481691	64.77	ng	0.00
7) Phenol-d6	7.40	99	438151	42.95	ng	0.00
23) Nitrobenzene-d5	9.44	82	1047918	96.02	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	771597	140.62	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2111835	95.57	ng	0.00
78) Terphenyl-d14	20.20	244	3340824	90.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	140426	5.39	ng	Qvalue 98

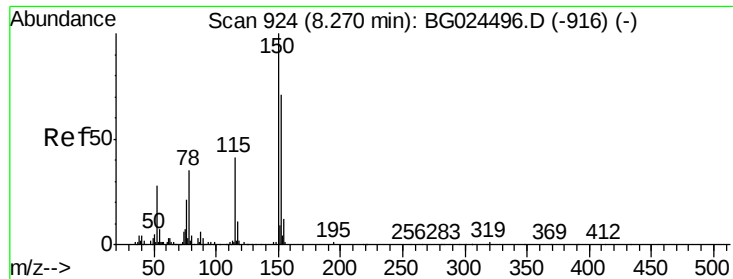
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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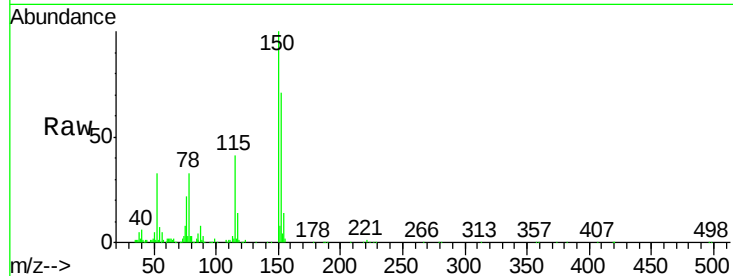


#1

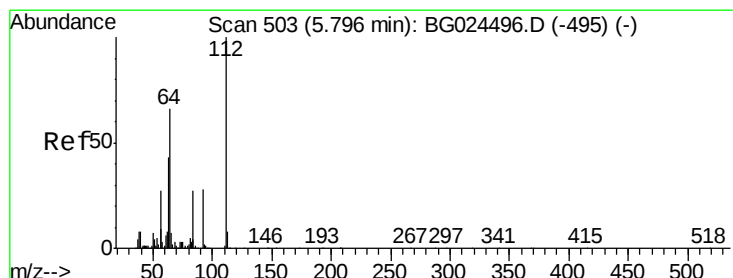
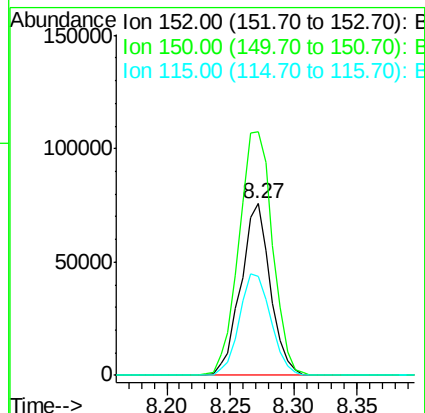
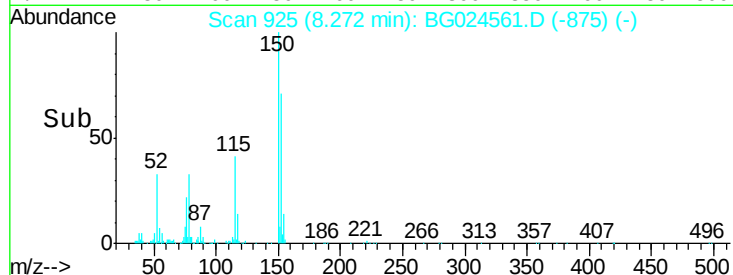
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG024561.D
Acq: 31 Oct 2016 18:10

Instrument :
BNA_G
ClientSampleId :
SW-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.7	114.0	171.0
115	57.8	48.1	72.1



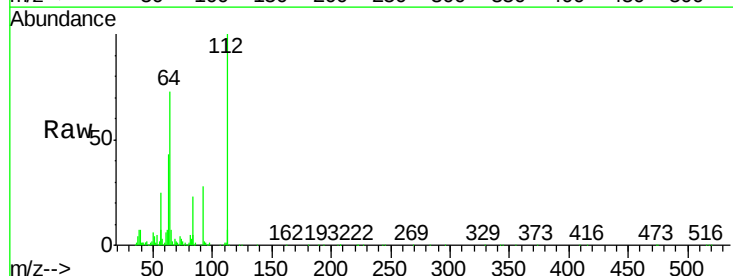
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



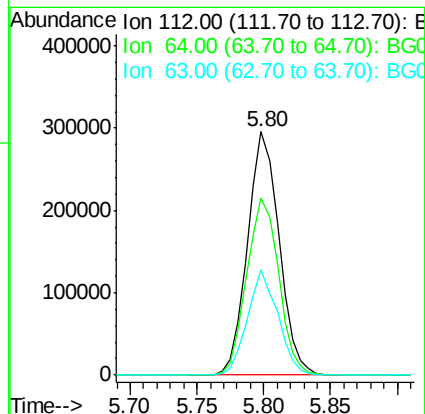
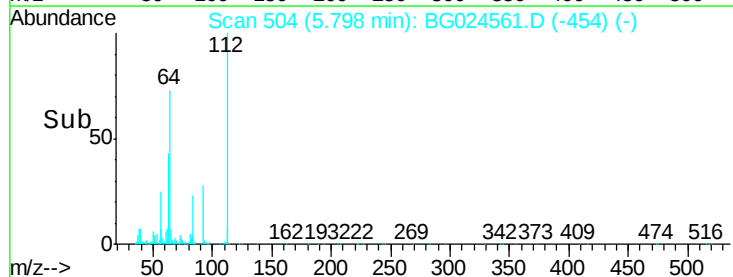
#5

2-Fluorophenol
Concen: 64.77 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024561.D
Acq: 31 Oct 2016 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.8	92.6
63	43.3	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: 42.95 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024561.D

Acq: 31 Oct 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SW-1

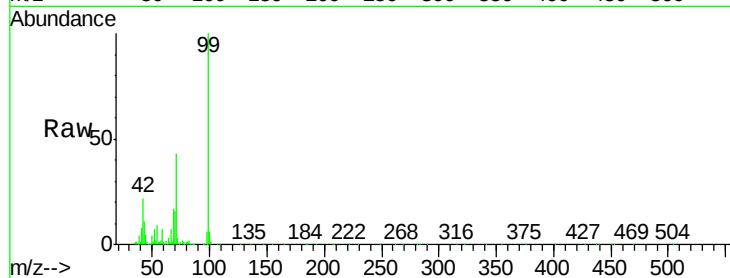
Tgt Ion: 99 Resp: 438151

Ion Ratio Lower Upper

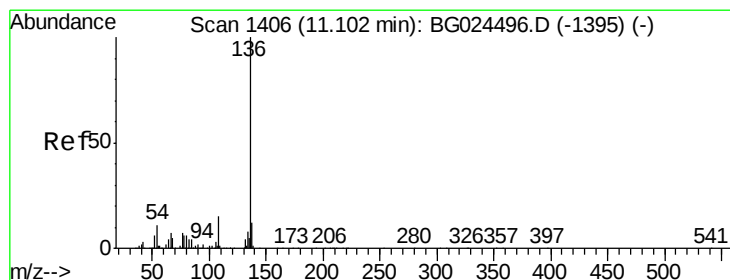
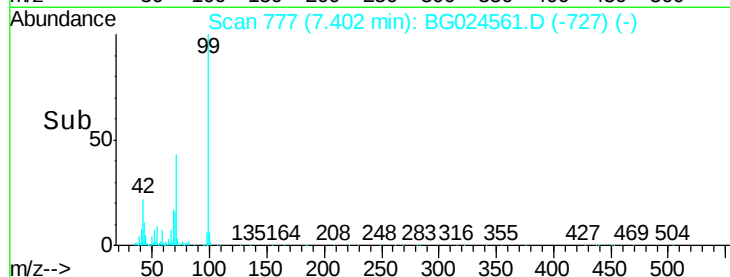
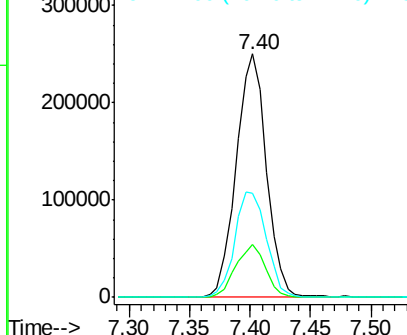
99 100

42 21.7 20.5 30.7

71 42.9 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: BG024561.D

Acq: 31 Oct 2016 18:10

Tgt Ion: 136 Resp: 496910

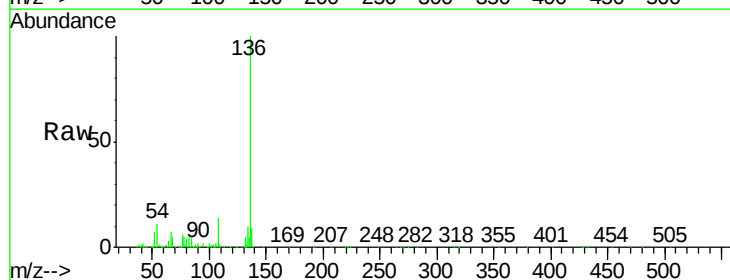
Ion Ratio Lower Upper

136 100

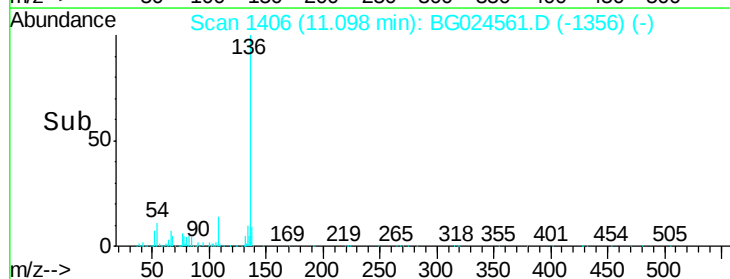
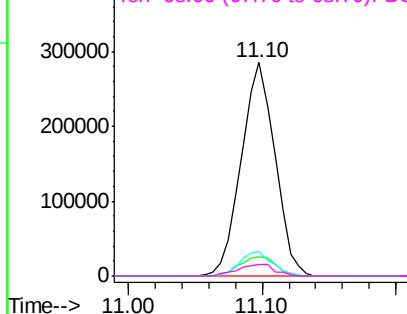
137 9.1 8.9 13.3

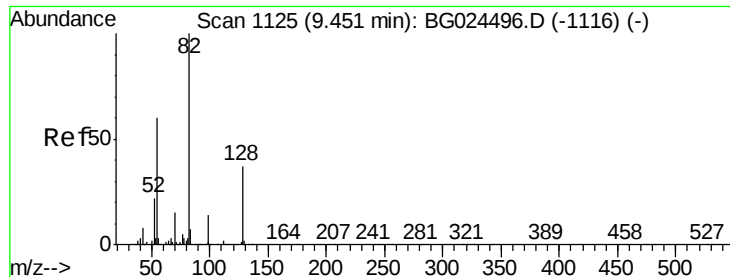
54 11.1 9.3 13.9

68 5.4 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

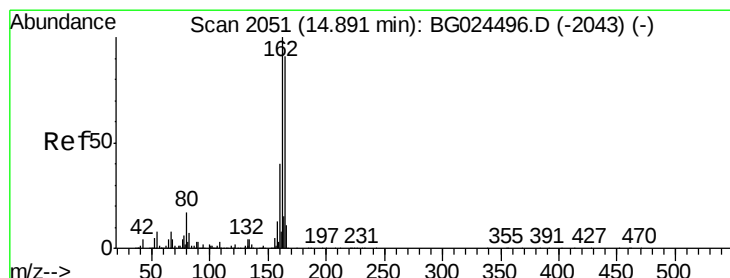
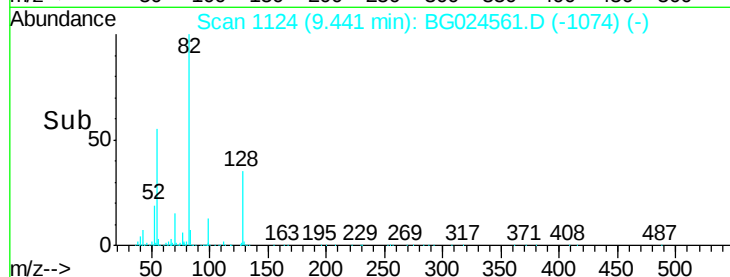
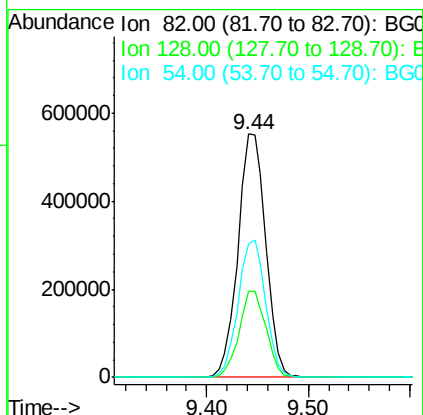
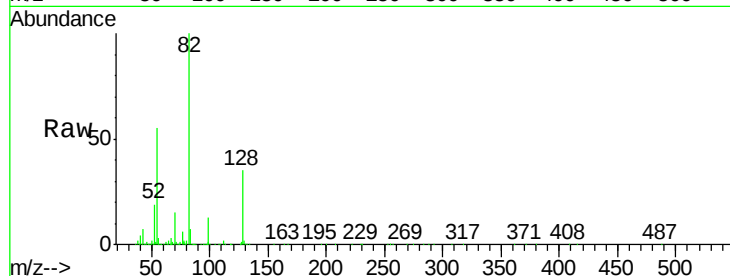




#23
 Nitrobenzene-d5
 Concen: 96.02 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG024561.D
 Acq: 31 Oct 2016 18:10

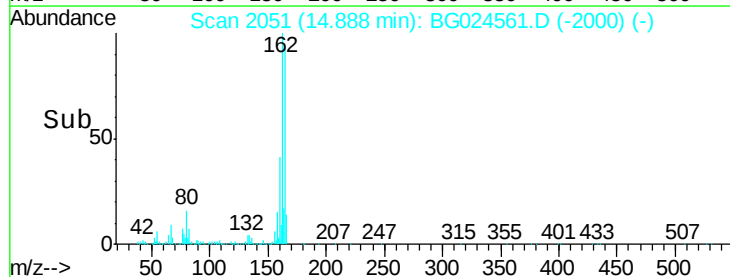
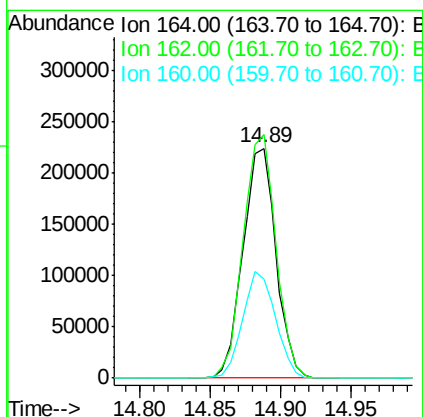
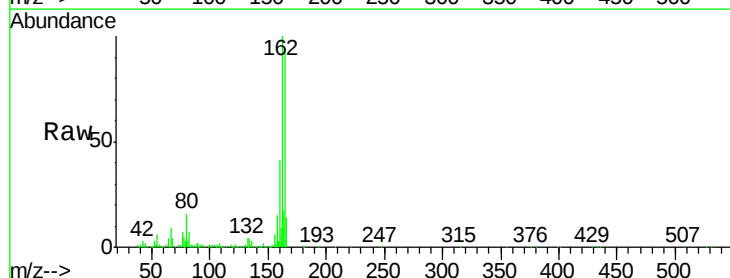
Instrument :
 BNA_G
 ClientSampleId :
 SW-1

Tgt Ion: 82 Resp: 1047918
 Ion Ratio Lower Upper
 82 100
 128 35.2 26.4 39.6
 54 54.8 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: BG024561.D
 Acq: 31 Oct 2016 18:10

Tgt Ion: 164 Resp: 367282
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.1 127.7
 160 43.0 34.7 52.1

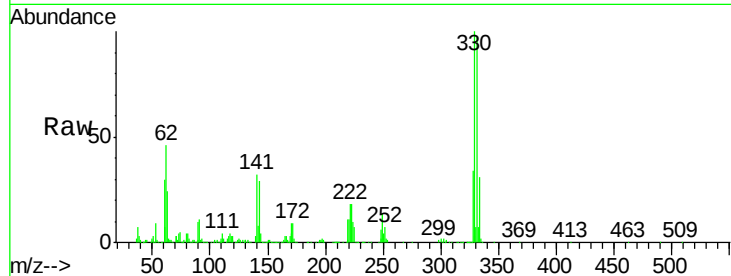




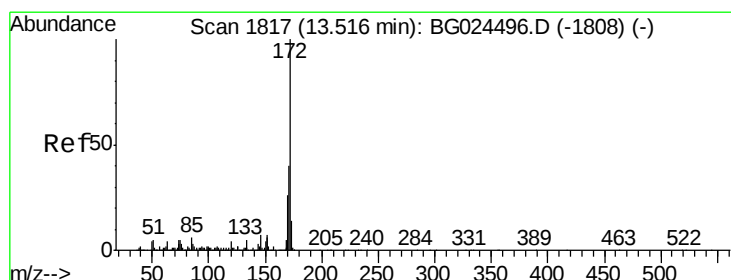
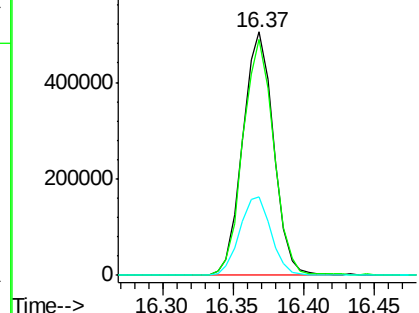
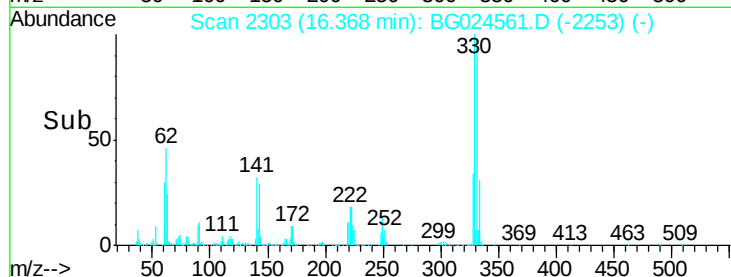
#41
 2,4,6-Tribromophenol
 Concen: 140.62 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024561.D
 Acq: 31 Oct 2016 18:10

Instrument :
 BNA_G
 ClientSampleId :
 SW-1

Tgt Ion:330 Resp: 771597
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.1 32.1 48.1

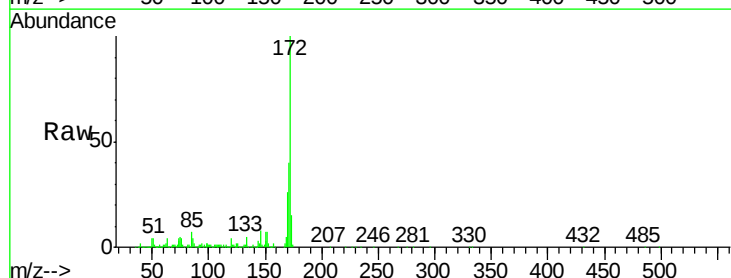


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

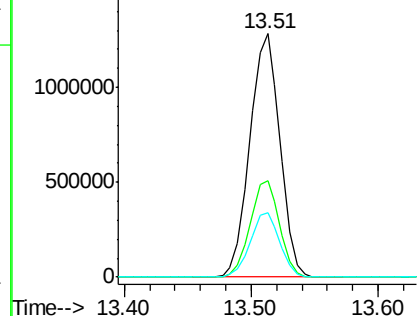
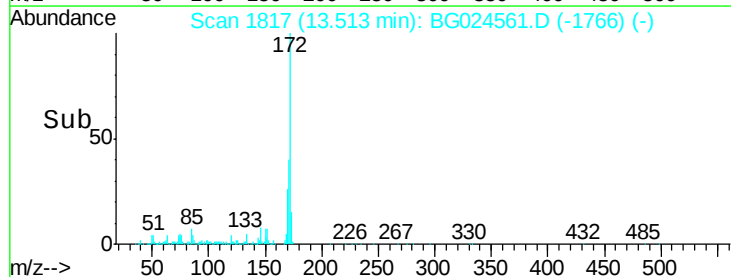


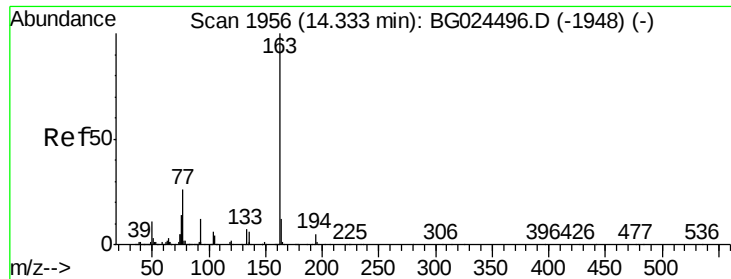
#44
 2-Fluorobiphenyl
 Concen: 95.57 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG024561.D
 Acq: 31 Oct 2016 18:10

Tgt Ion:172 Resp: 2111835
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 26.3 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: 5.39 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG024561.D

Acq: 31 Oct 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SW-1

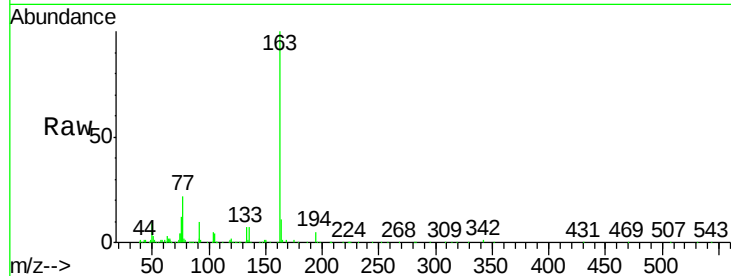
Tgt Ion:163 Resp: 140426

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

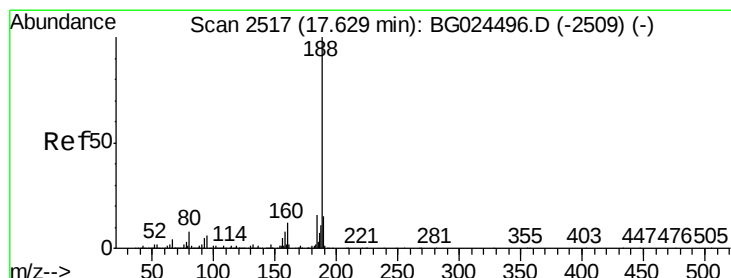
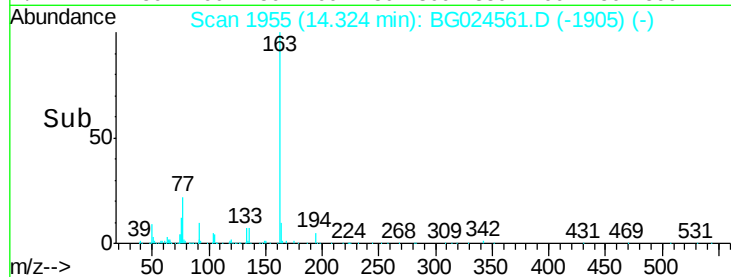
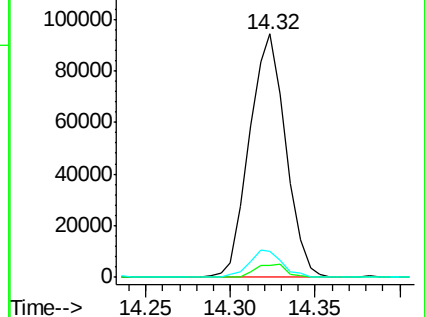
164 10.7 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024561.D

Acq: 31 Oct 2016 18:10

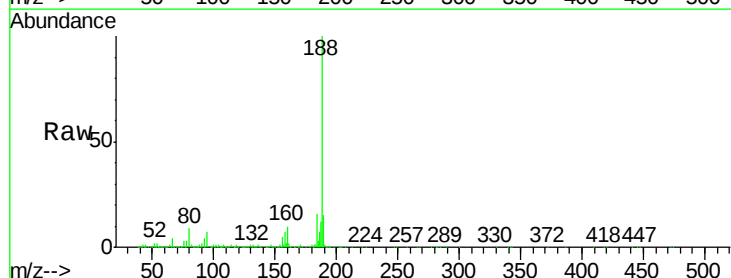
Tgt Ion:188 Resp: 823431

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

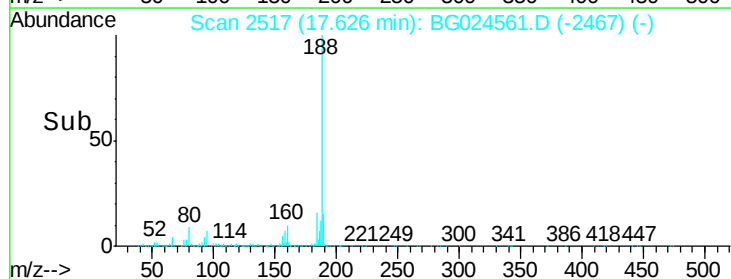
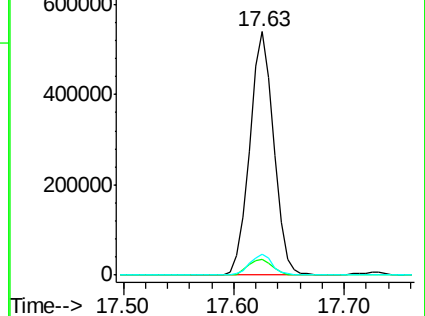
80 8.8 7.5 11.3

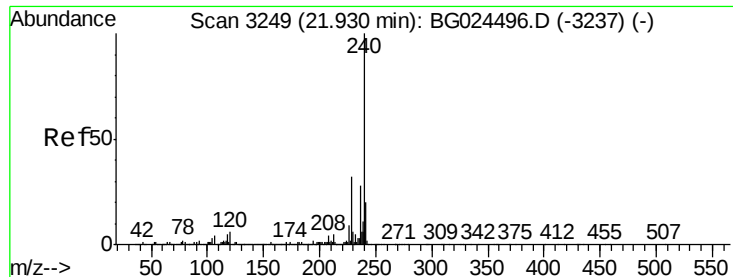


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

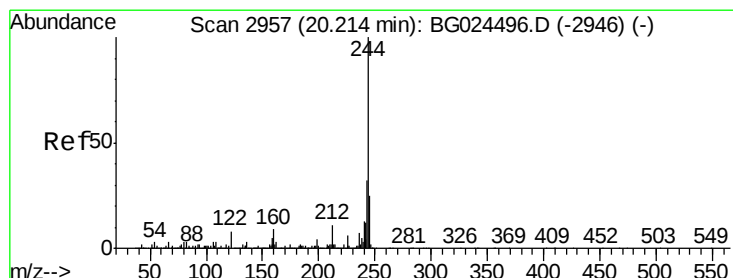
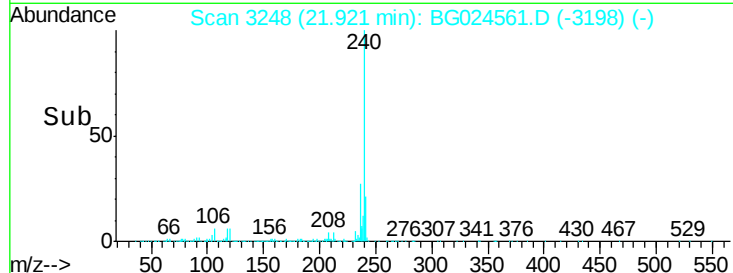
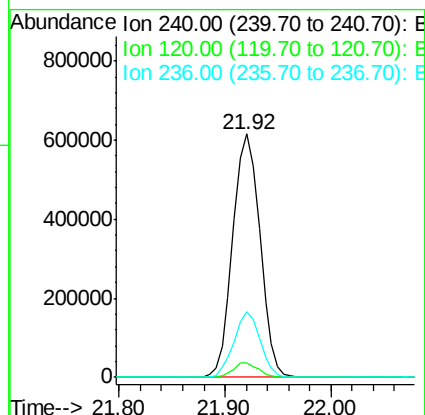
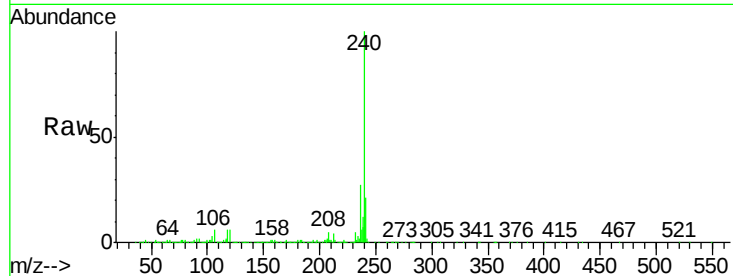




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG024561.D
Acq: 31 Oct 2016 18:10

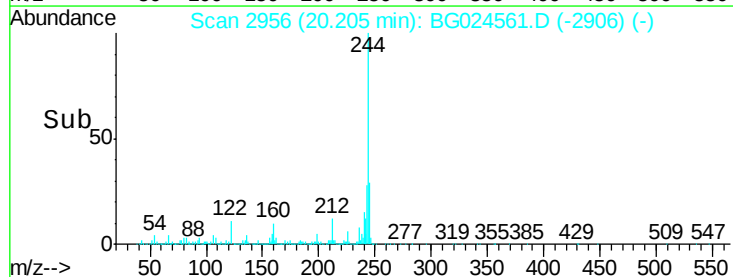
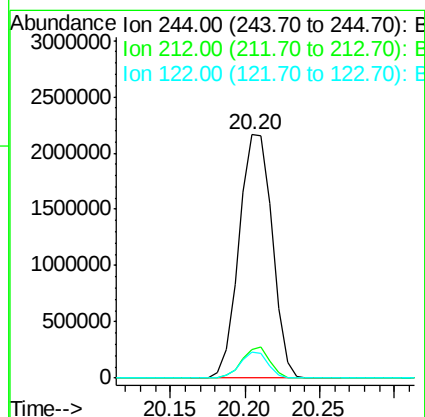
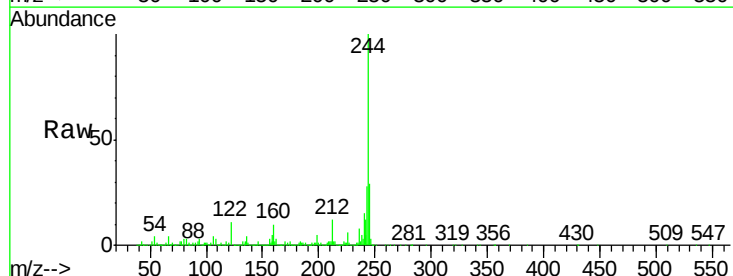
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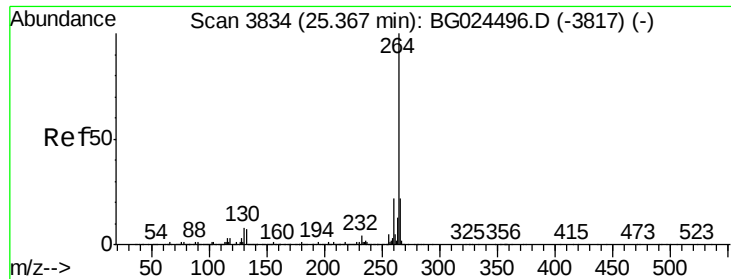
Tgt Ion:240 Resp: 1097330
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 27.0 22.2 33.4



#78
Terphenyl-d14
Concen: 90.97 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG024561.D
Acq: 31 Oct 2016 18:10

Tgt Ion:244 Resp: 3340824
Ion Ratio Lower Upper
244 100
212 11.9 10.0 15.0
122 10.6 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024561.D
Acq: 31 Oct 2016 18:10

Instrument :
BNA_G
ClientSampleId :
SW-1

Tgt Ion:264 Resp: 1152804

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.0	18.2	27.4

