

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024606.D
 Acq On : 1 Nov 2016 23:39
 Operator : UM/SJ
 Sample : H5489-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

Quant Time: Nov 02 02:22:22 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

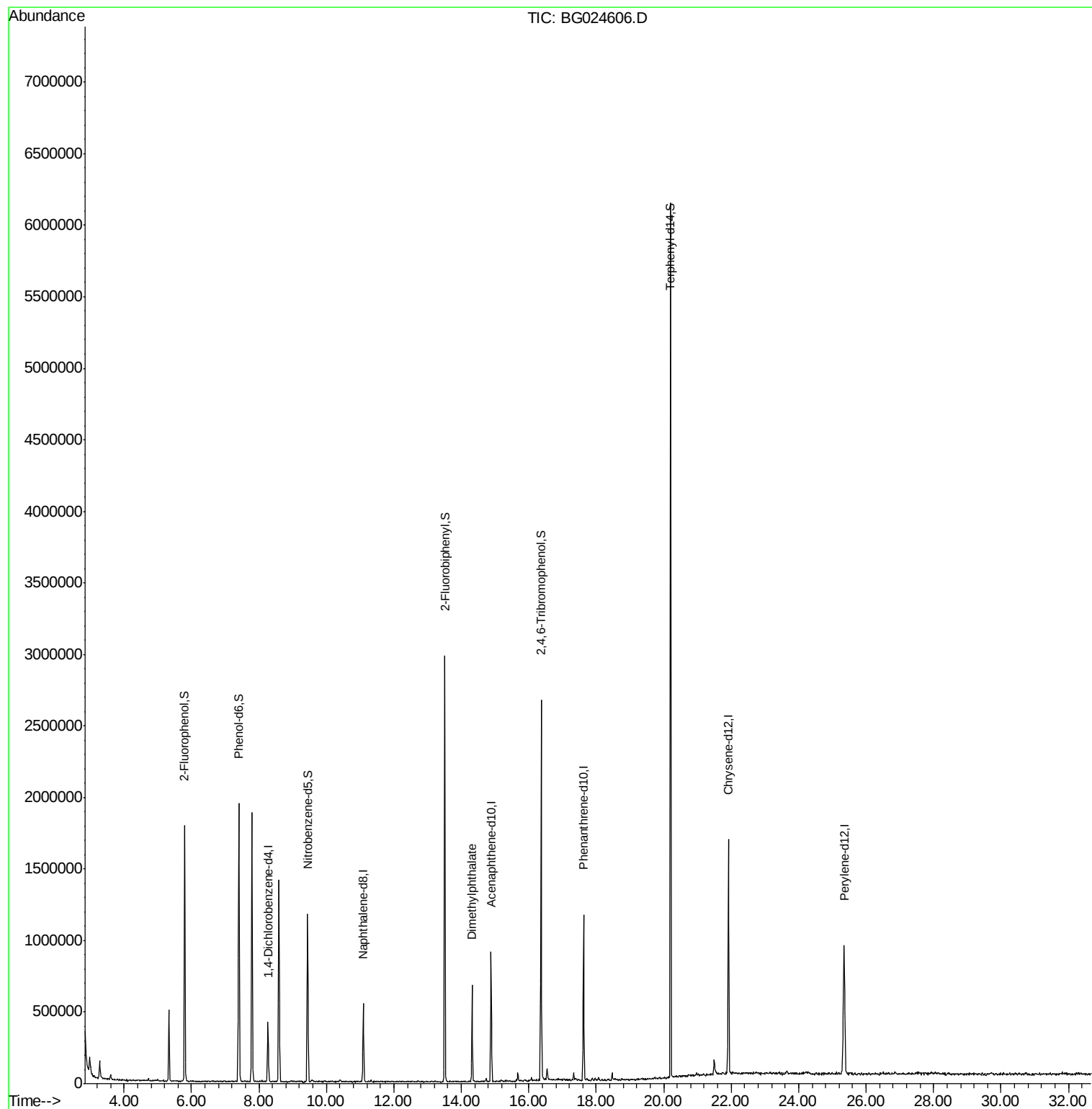
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114617	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	448350	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	336653	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	756300	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1089808	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1131563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	754856	107.94	ng	0.00
7) Phenol-d6	7.40	99	1078009	112.38	ng	0.00
23) Nitrobenzene-d5	9.44	82	749015	76.06	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	533212	106.02	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1490047	73.57	ng	0.00
78) Terphenyl-d14	20.20	244	2637108	72.31	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.32	163	415448	17.38	ng	Qvalue # 96

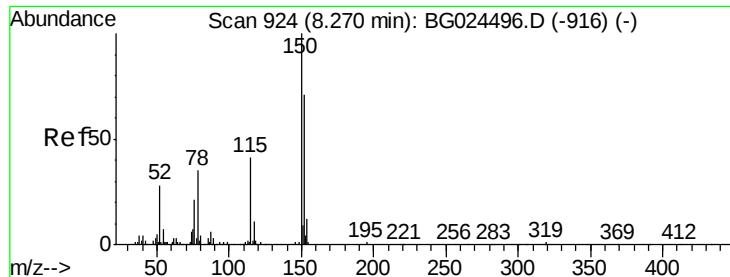
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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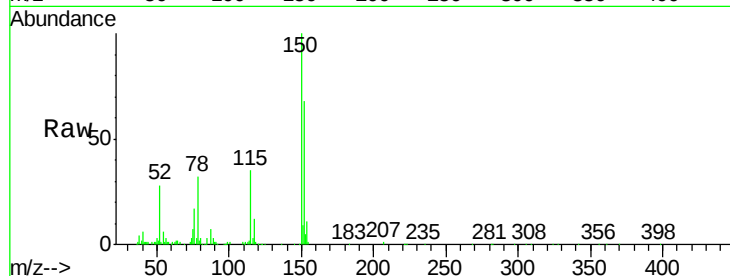


#1

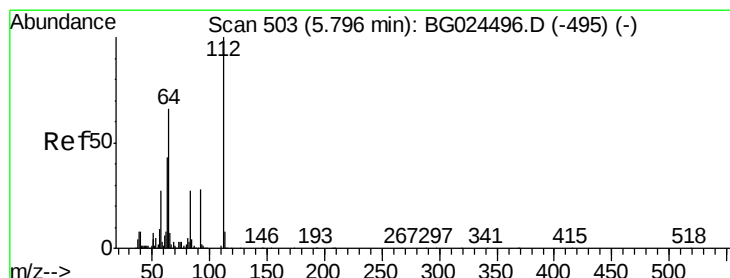
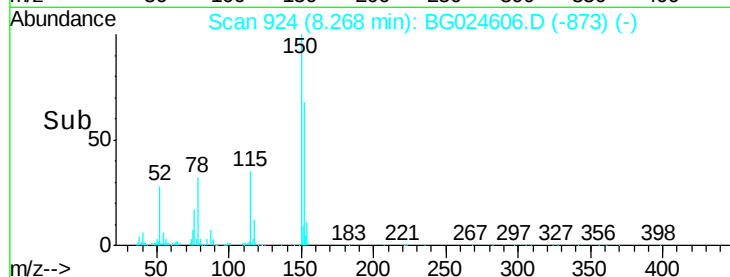
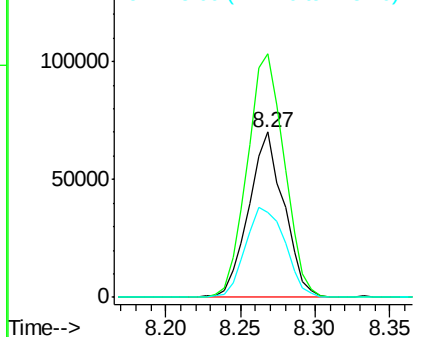
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

Instrument :
BNA_G
ClientSampleId :
SB-68-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.5	114.0	171.0
115	51.8	48.1	72.1



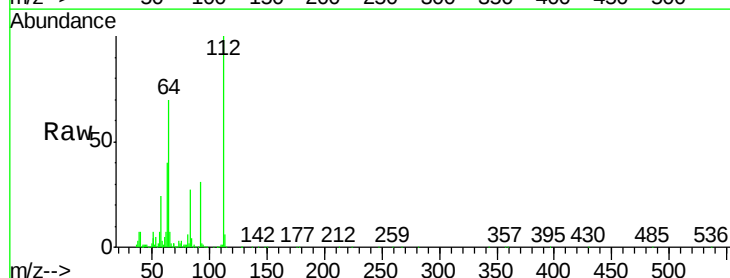
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



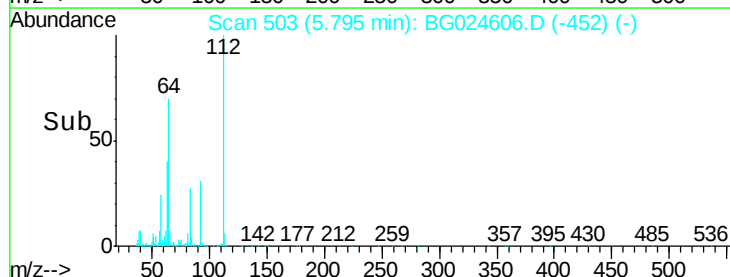
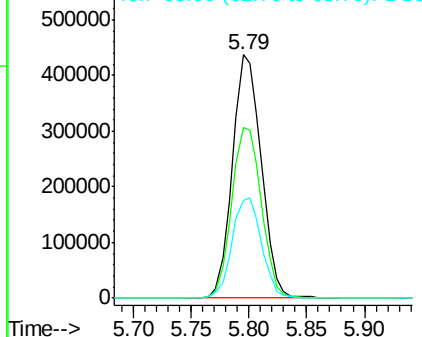
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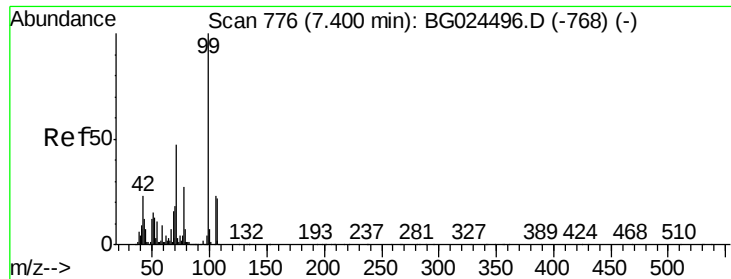
2-Fluorophenol
Concen: 107.94 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	61.8	92.6
63	40.0	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.38 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-68-0.5-1.0

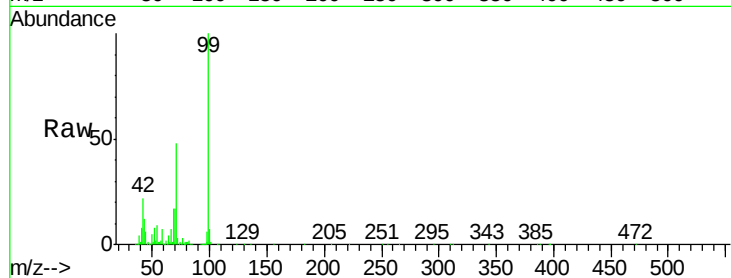
Tgt Ion: 99 Resp: 1078009

Ion Ratio Lower Upper

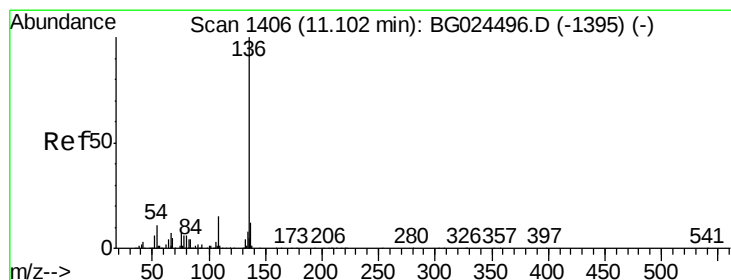
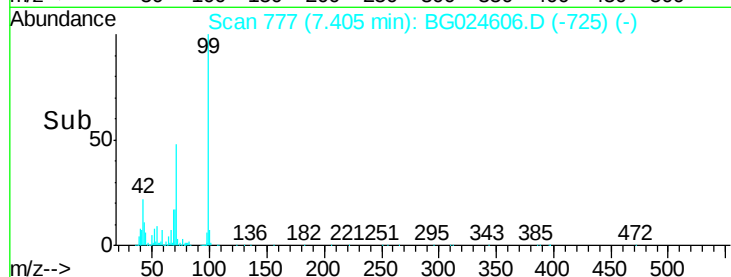
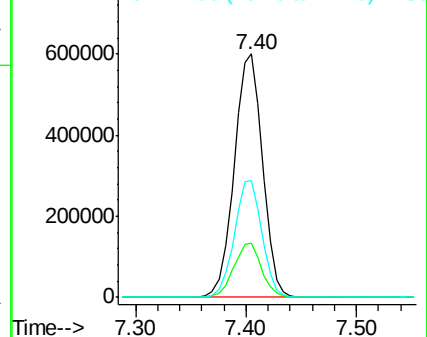
99 100

42 22.1 20.5 30.7

71 48.1 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: BG024606.D

Acq: 1 Nov 2016 23:39

Tgt Ion: 136 Resp: 448350

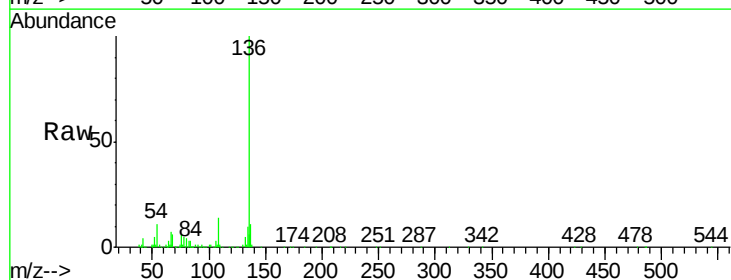
Ion Ratio Lower Upper

136 100

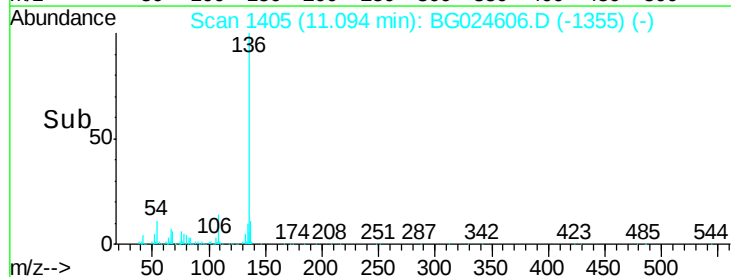
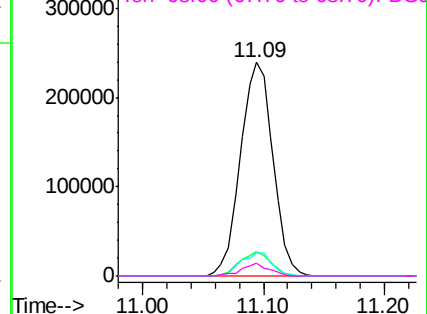
137 11.2 8.9 13.3

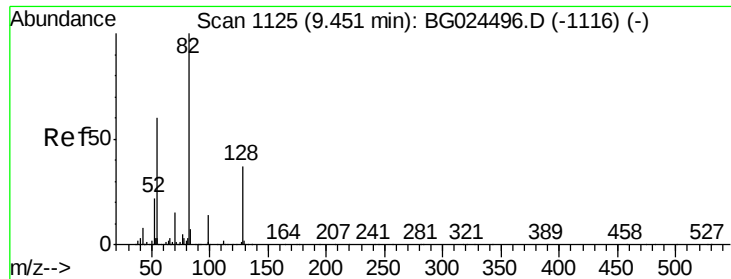
54 10.8 9.3 13.9

68 5.7 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

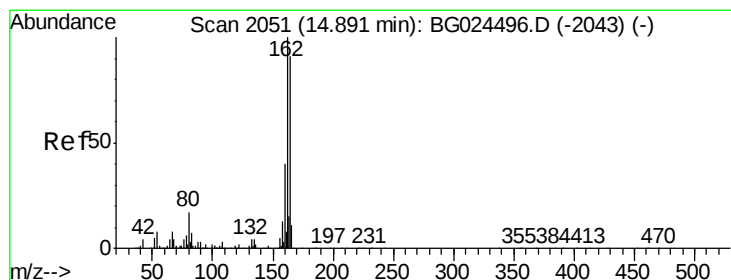
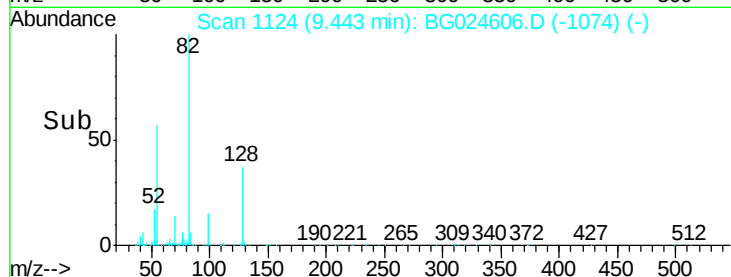
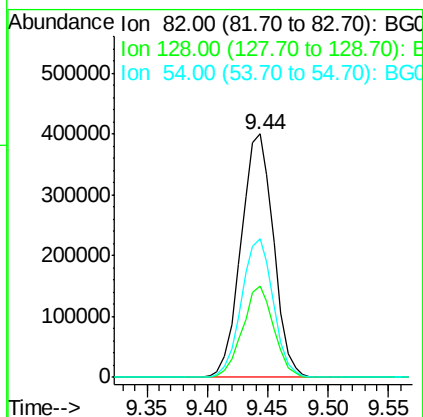
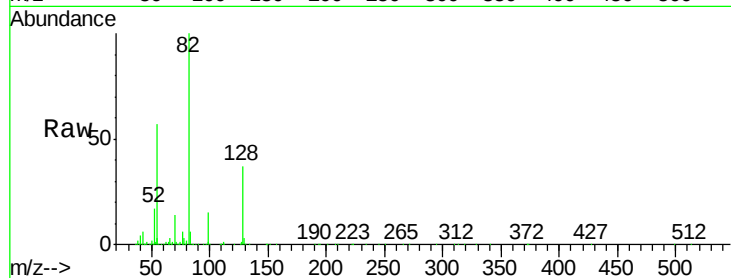




#23
Nitrobenzene-d5
Concen: 76.06 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

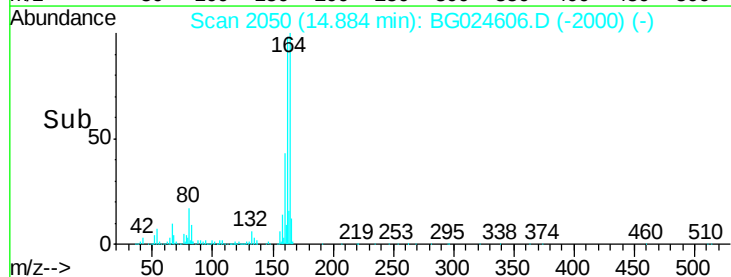
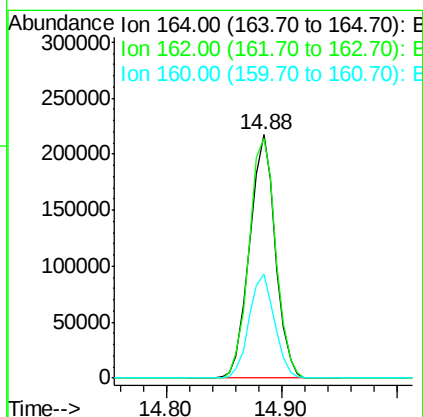
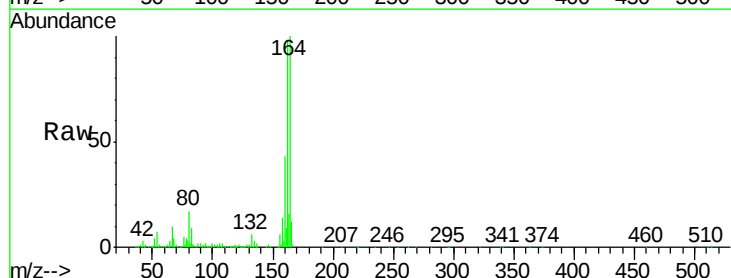
Instrument :
BNA_G
ClientSampleId :
SB-68-0.5-1.0

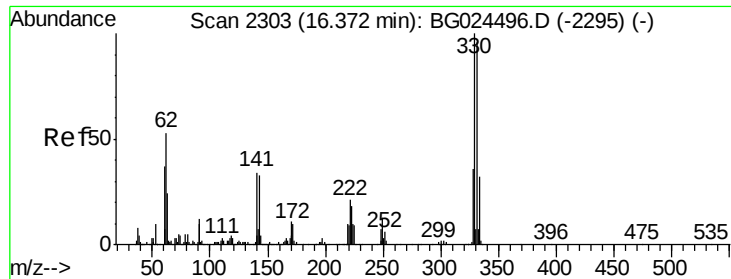
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	56.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	85.1	127.7
160	42.7	34.7	52.1

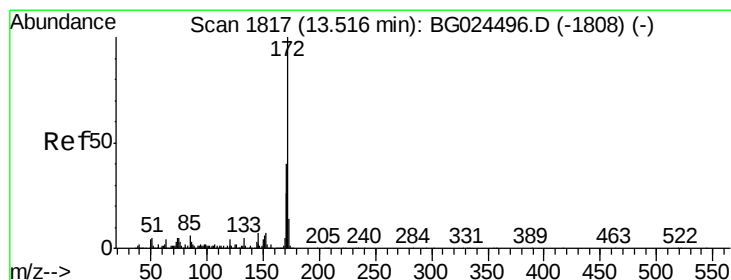
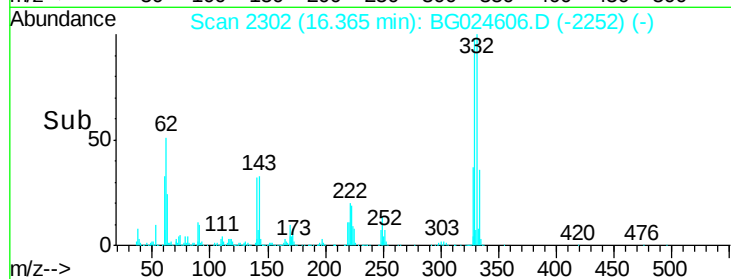
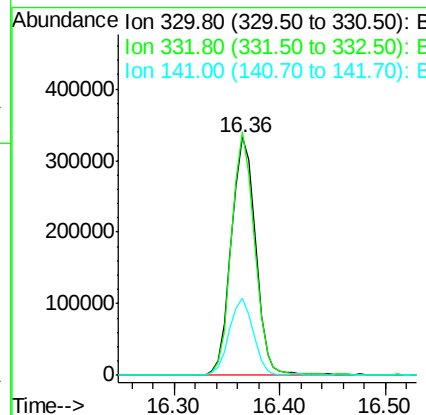
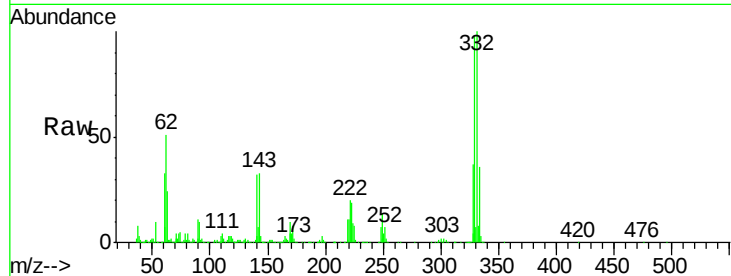




#41
 2,4,6-Tribromophenol
 Concen: 106.02 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

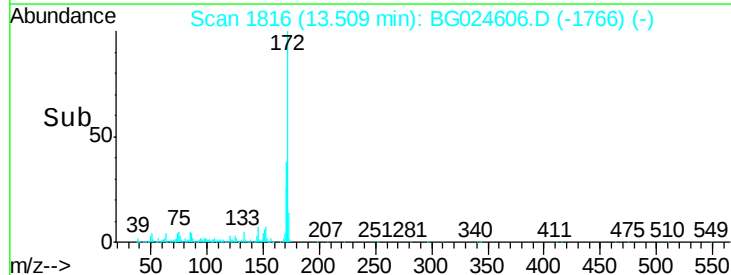
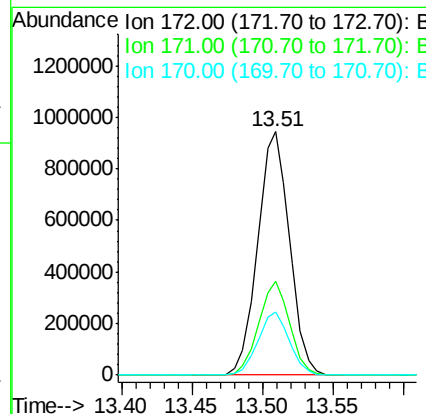
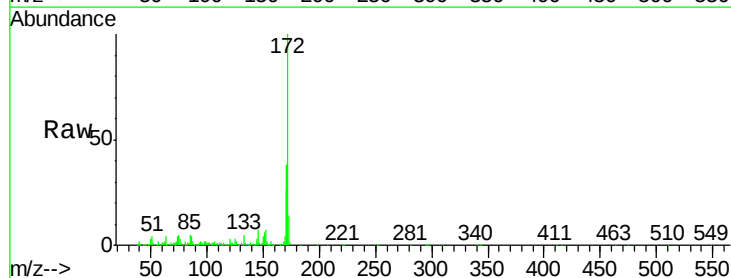
Instrument :
 BNA_G
 ClientSampleId :
 SB-68-0.5-1.0

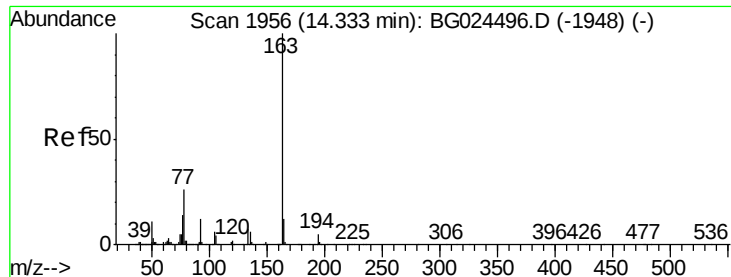
Tgt Ion:330 Resp: 533212
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.9 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 73.57 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024606.D
 Acq: 1 Nov 2016 23:39

Tgt Ion:172 Resp: 1490047
 Ion Ratio Lower Upper
 172 100
 171 38.3 32.2 48.2
 170 25.8 21.8 32.6





#49

Dimethylphthalate

Concen: 17.38 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024606.D

Acq: 1 Nov 2016 23:39

Instrument :

BNA_G

ClientSampleId :

SB-68-0.5-1.0

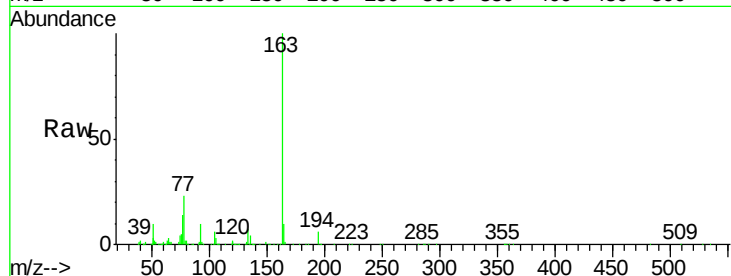
Tgt Ion:163 Resp: 415448

Ion Ratio Lower Upper

163 100

194 5.8 3.8 5.6#

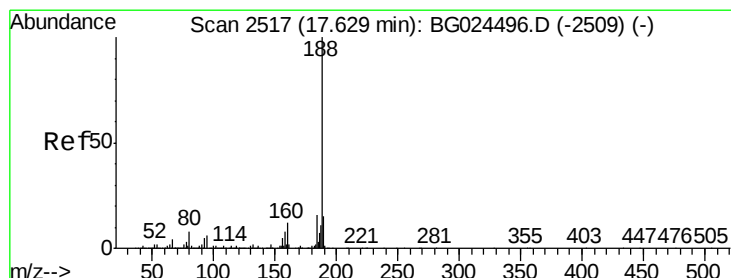
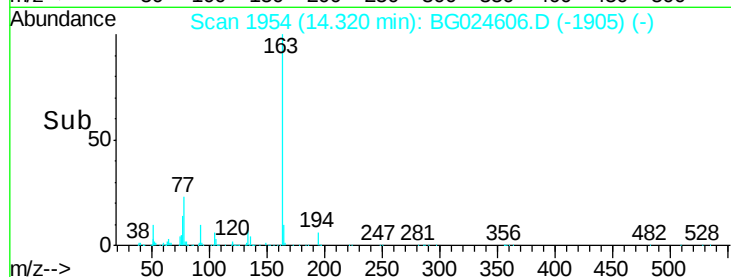
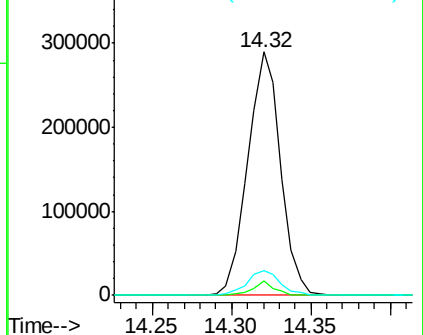
164 10.1 9.3 13.9



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: BG024606.D

Acq: 1 Nov 2016 23:39

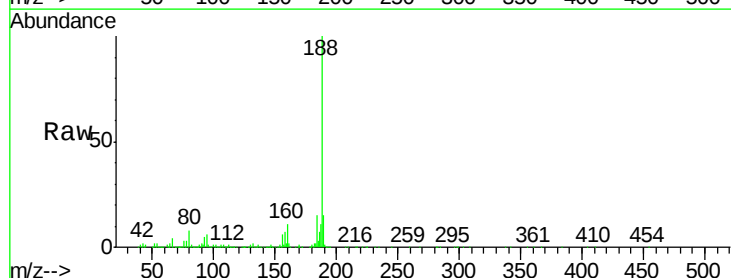
Tgt Ion:188 Resp: 756300

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

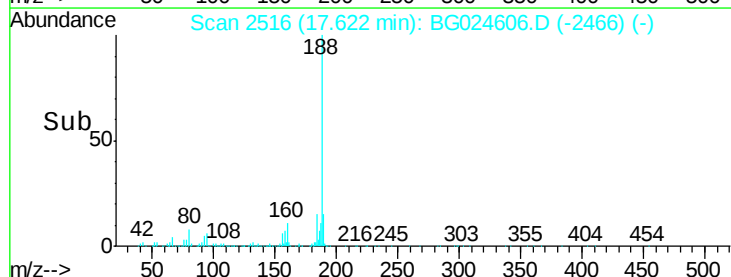
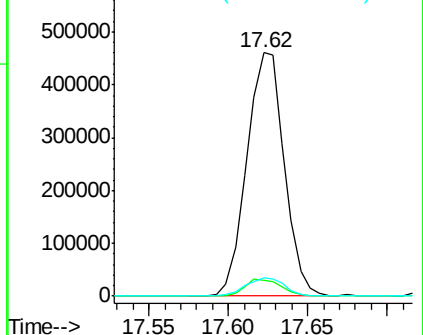
80 7.8 7.5 11.3

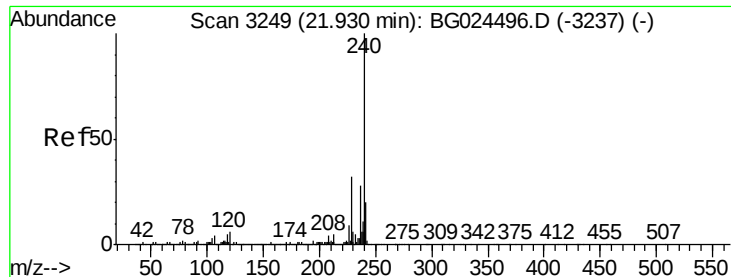


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

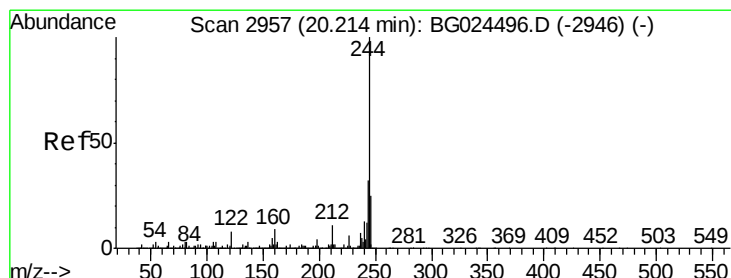
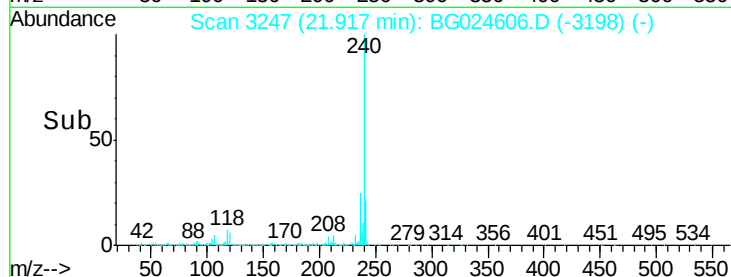
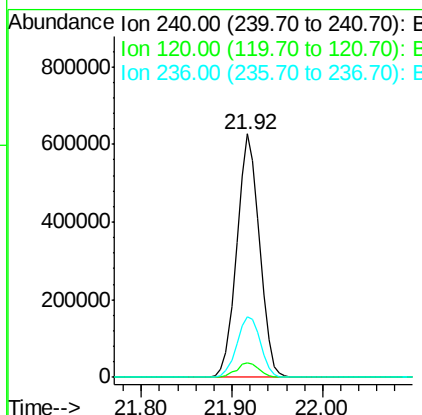
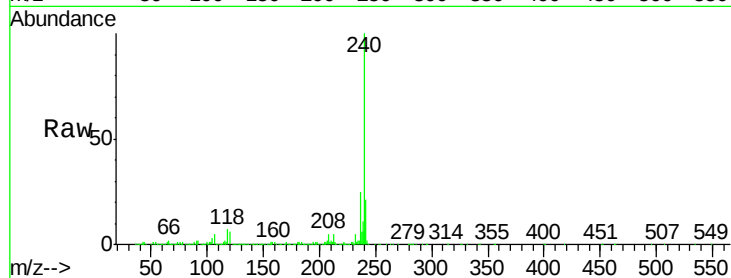




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

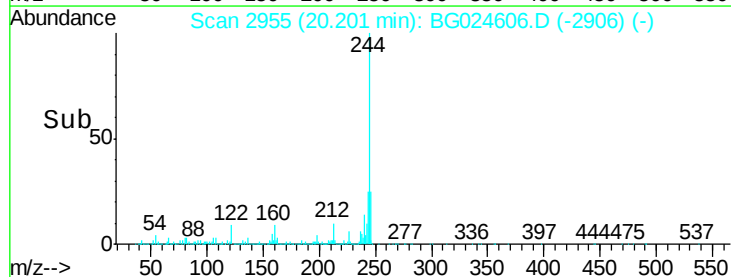
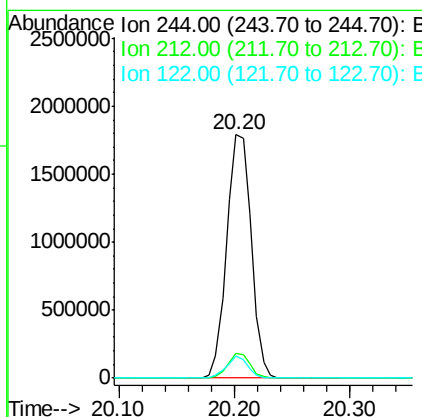
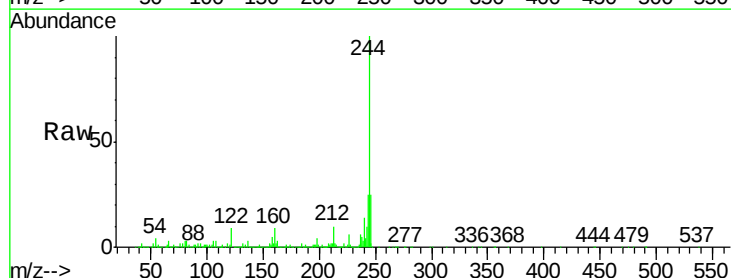
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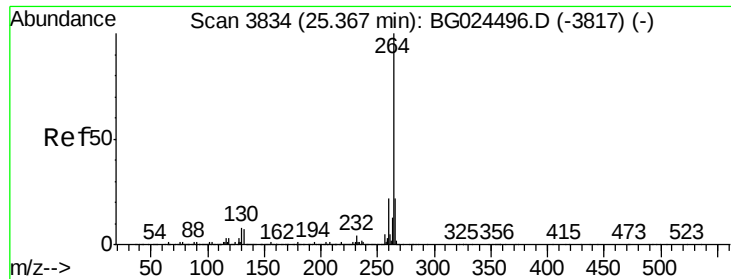
Tgt Ion:240 Resp: 1089808
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.1 22.2 33.4



#78
Terphenyl-d14
Concen: 72.31 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024606.D
Acq: 1 Nov 2016 23:39

Tgt Ion:244 Resp: 2637108
Ion Ratio Lower Upper
244 100
212 10.4 10.0 15.0
122 9.1 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: BG024606.D
Acq: 1 Nov 2016 23:39

Instrument :
BNA_G
ClientSampleId :
SB-68-0.5-1.0

Tgt Ion:264 Resp: 1131563

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	20.1	18.2	27.4

