

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024615.D
 Acq On : 2 Nov 2016 6:22
 Operator : UM/SJ
 Sample : H5489-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-69-0.5-1.0

Quant Time: Nov 02 06:20:24 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

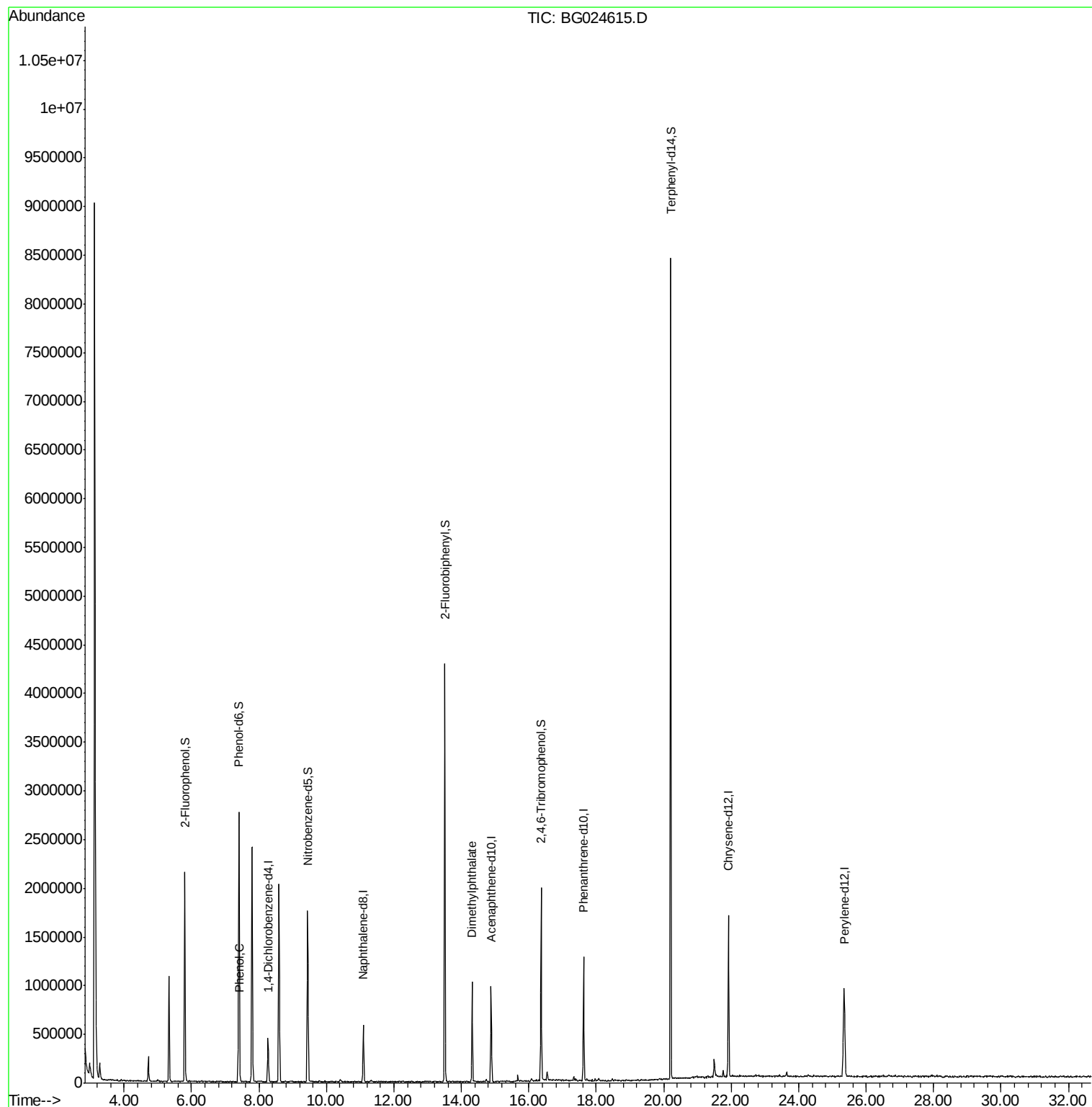
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119806	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	475831	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	362476	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	800399	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1101492	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1148426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	862439	117.98	ng	0.00
7) Phenol-d6	7.40	99	1501271	149.72	ng	0.00
23) Nitrobenzene-d5	9.44	82	1107609	105.98	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	404523	74.70	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2113249	96.90	ng	0.00
78) Terphenyl-d14	20.21	244	3410029	92.51	ng	0.00
Target Compounds						
10) Phenol	7.43	94	24549	2.38	ng	84
49) Dimethylphthalate	14.32	163	644955	25.06	ng	99

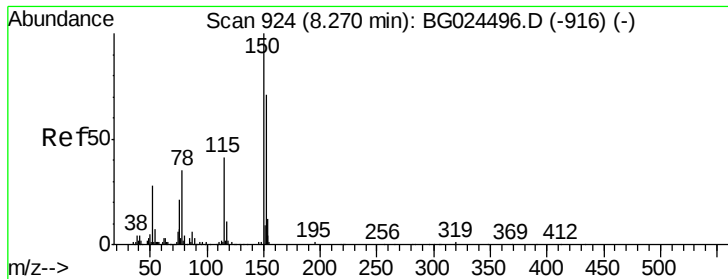
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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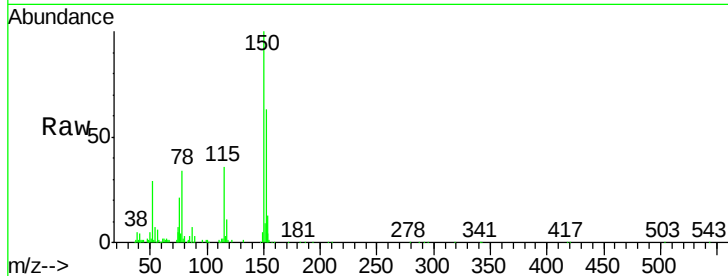


#1

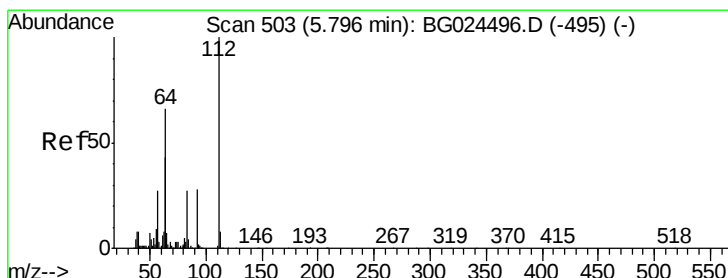
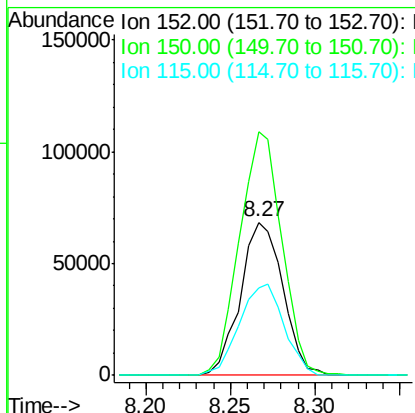
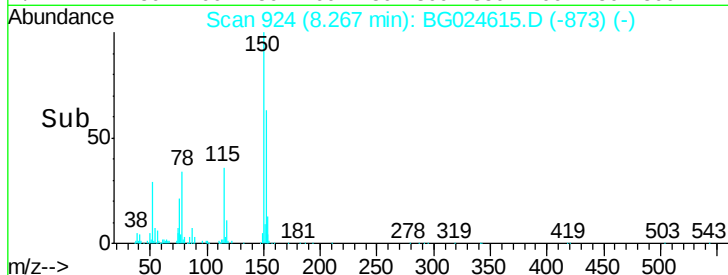
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	114.0	171.0
115	57.0	48.1	72.1



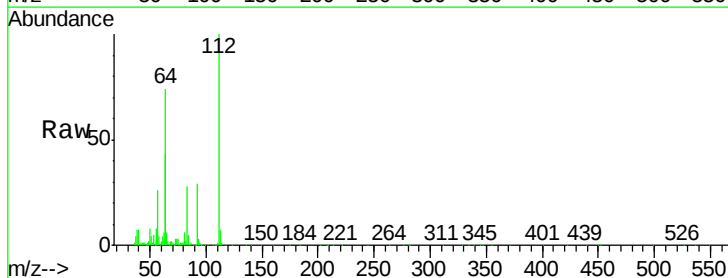
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



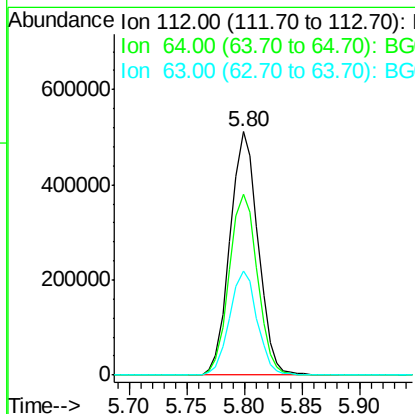
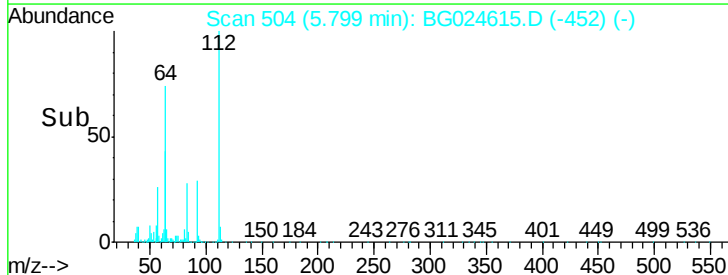
#5

2-Fluorophenol
Concen: 117.98 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.8	92.6
63	42.7	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: 149.72 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

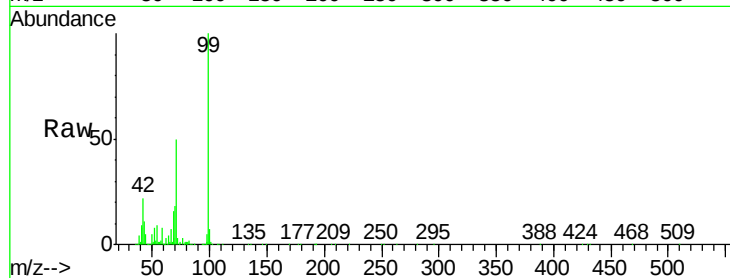
Tgt Ion: 99 Resp: 1501271

Ion Ratio Lower Upper

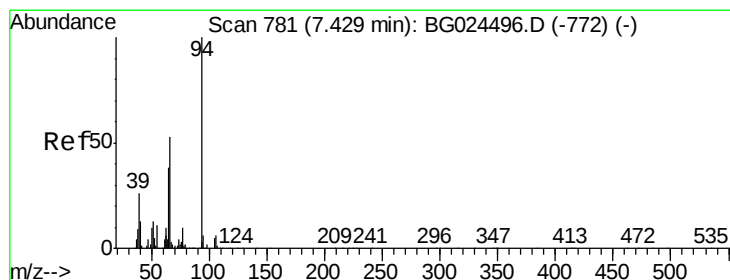
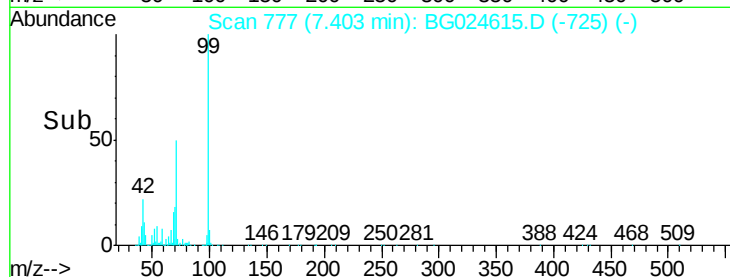
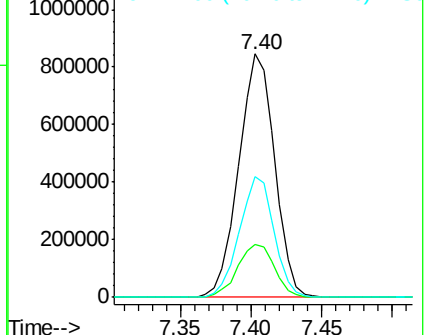
99 100

42 21.7 20.5 30.7

71 49.6 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



#10

Phenol

Concen: 2.38 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

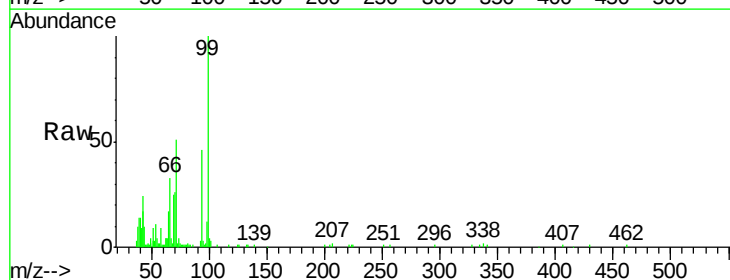
Tgt Ion: 94 Resp: 24549

Ion Ratio Lower Upper

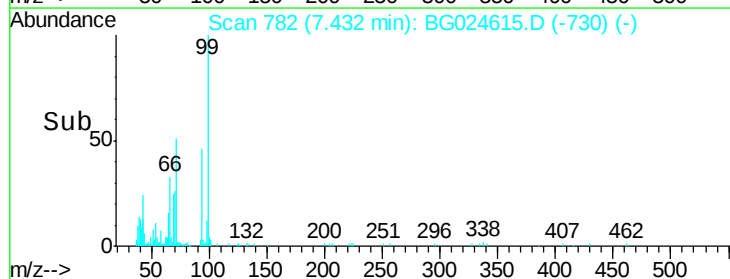
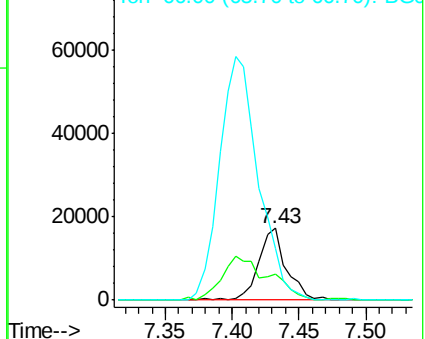
94 100

65 36.0 20.6 60.6

66 72.1 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

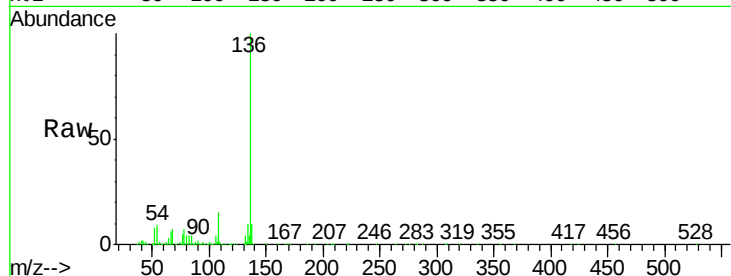




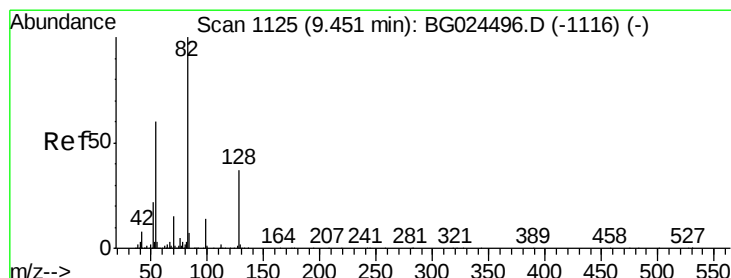
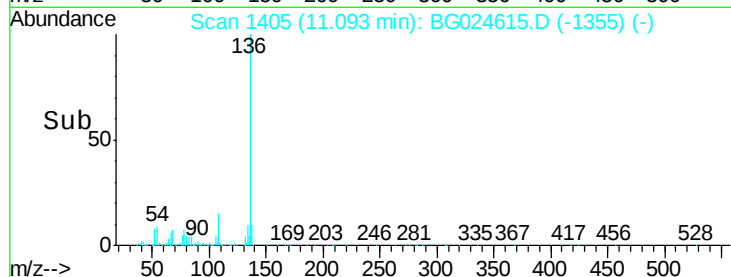
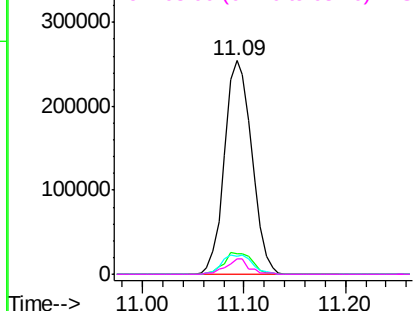
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

Tgt Ion:	136	Resp:	475831
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	8.6	9.3	13.9#
68	7.5	5.1	7.7

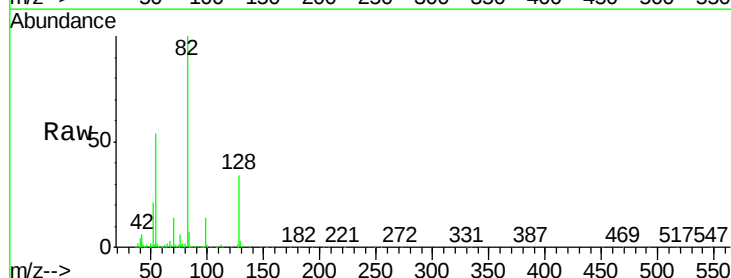


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

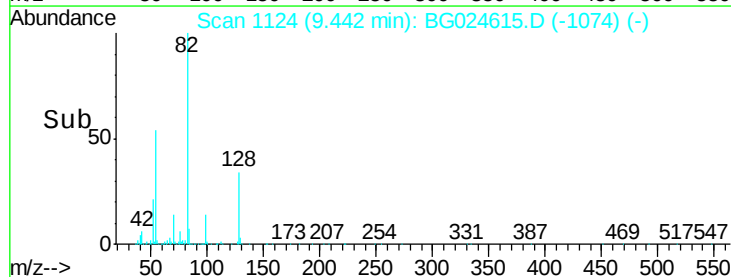
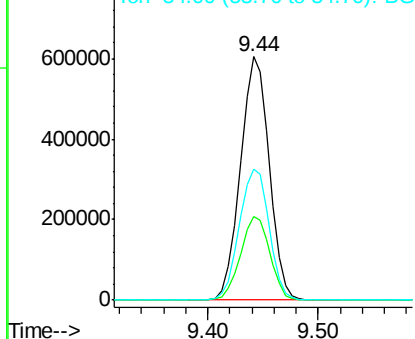


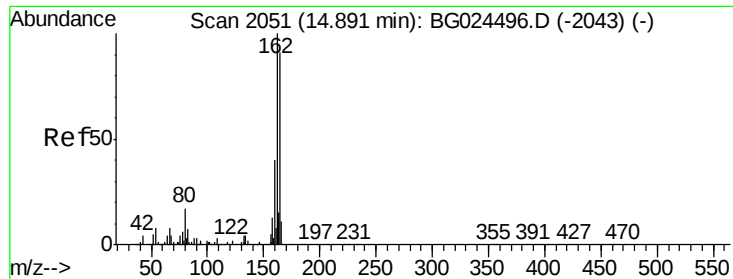
#23
Nitrobenzene-d5
Concen: 105.98 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion:	82	Resp:	1107609
Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	53.9	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

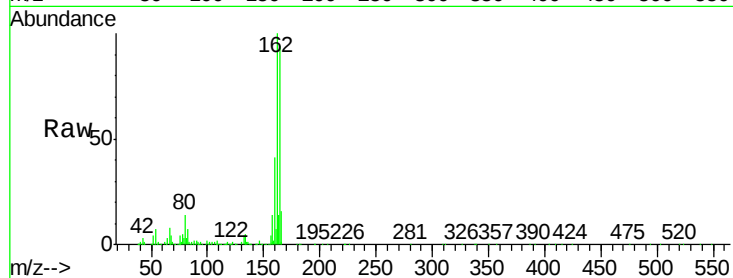
Tgt Ion:164 Resp: 362476

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

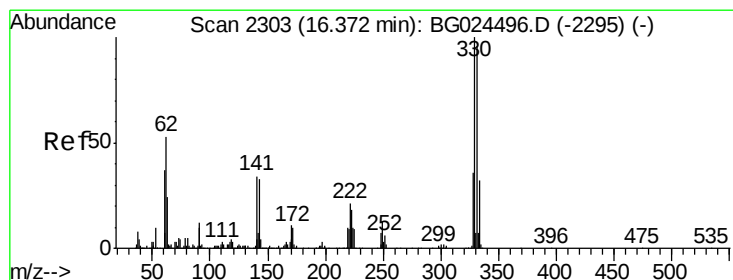
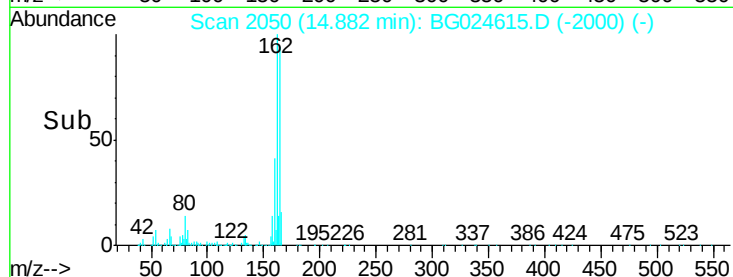
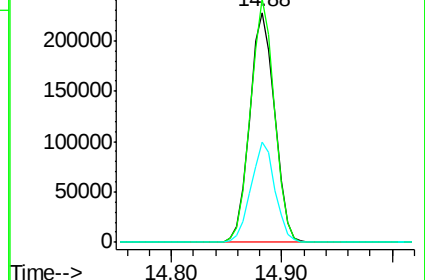
160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 74.70 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

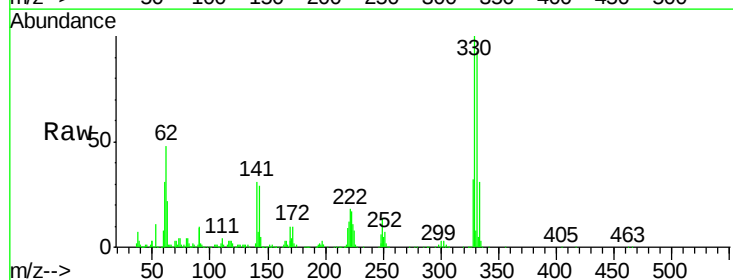
Tgt Ion:330 Resp: 404523

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

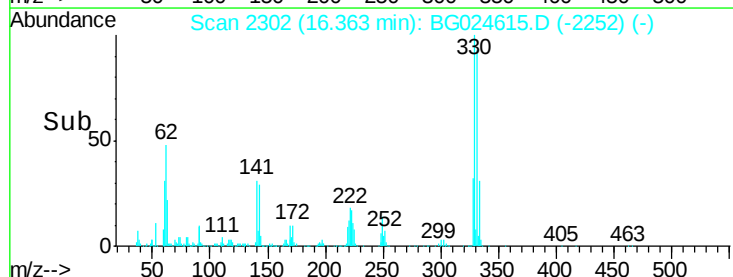
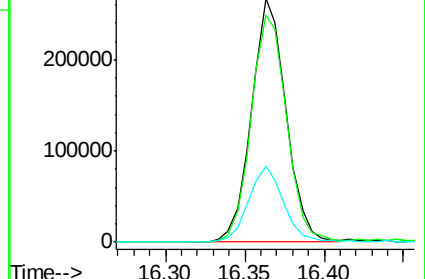
141 31.9 32.1 48.1#



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

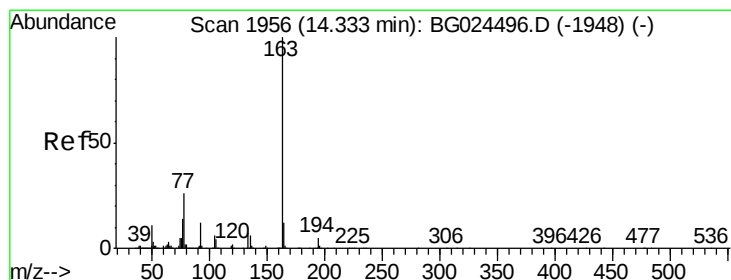
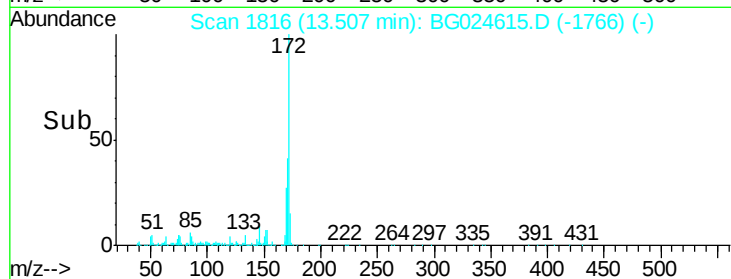
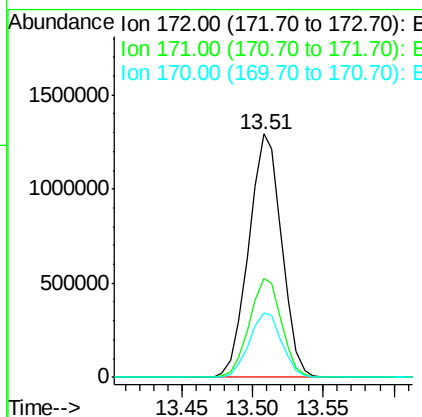
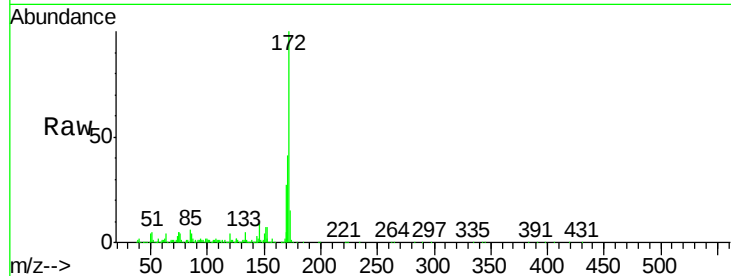




#44
2-Fluorobiphenyl
Concen: 96.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

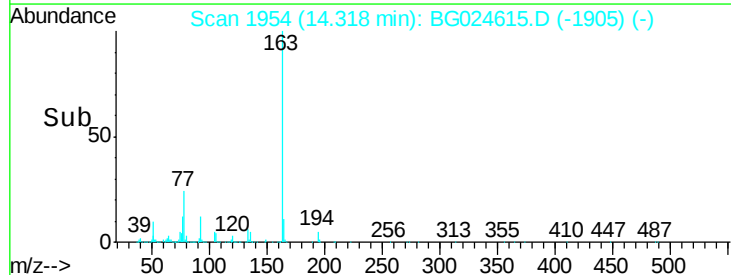
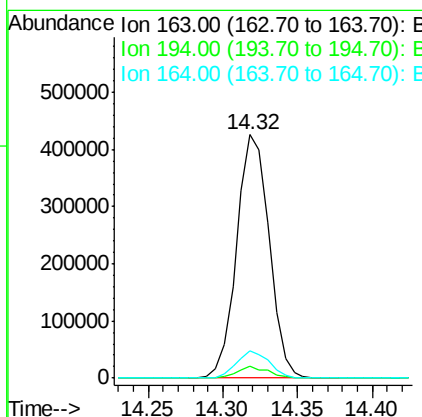
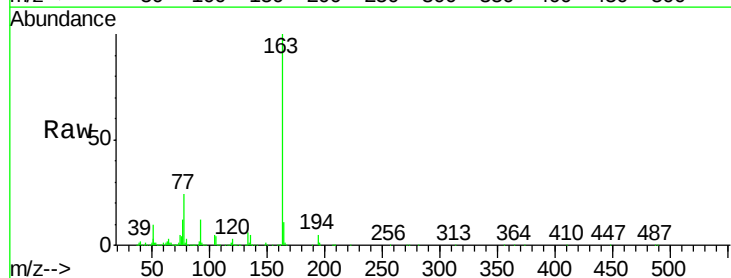
Instrument :
BNA_G
ClientSampleId :
SB-69-0.5-1.0

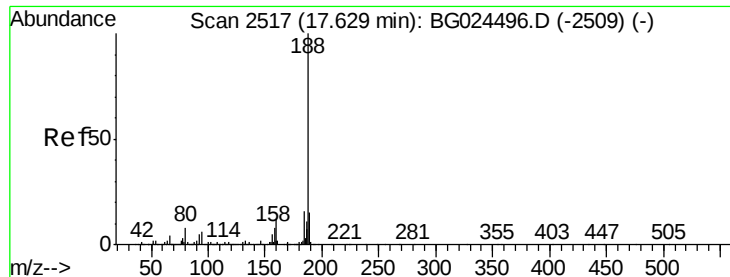
Tgt Ion:172 Resp: 2113249
Ion Ratio Lower Upper
172 100
171 40.5 32.2 48.2
170 26.7 21.8 32.6



#49
Dimethylphthalate
Concen: 25.06 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024615.D
Acq: 2 Nov 2016 6:22

Tgt Ion:163 Resp: 644955
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 11.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

BNA_G

ClientSampleId :

SB-69-0.5-1.0

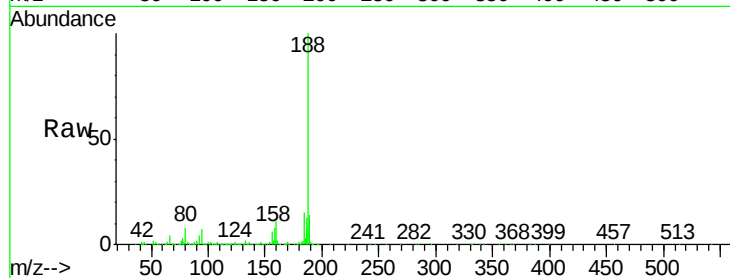
Tgt Ion:188 Resp: 800399

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

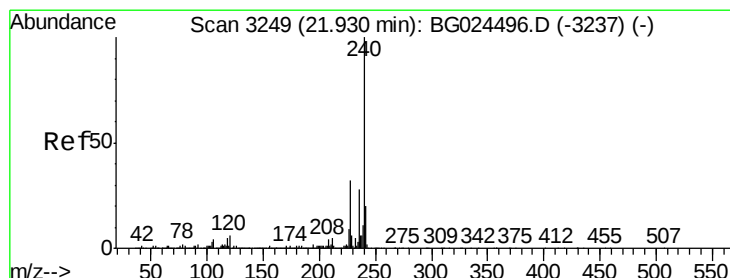
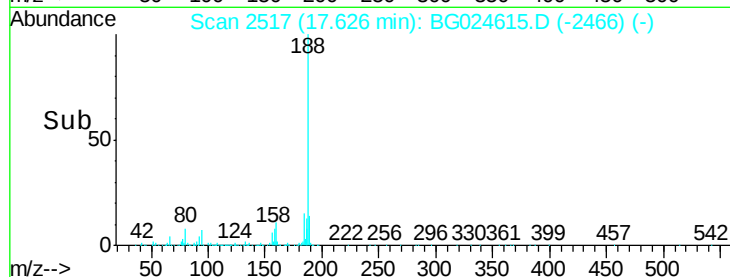
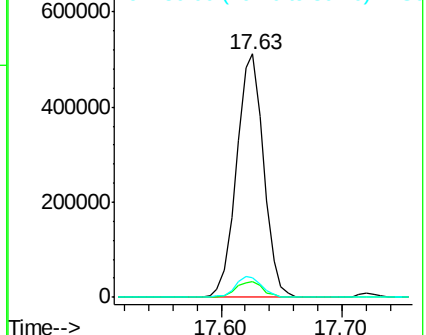
80 8.2 7.5 11.3



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# 3247

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

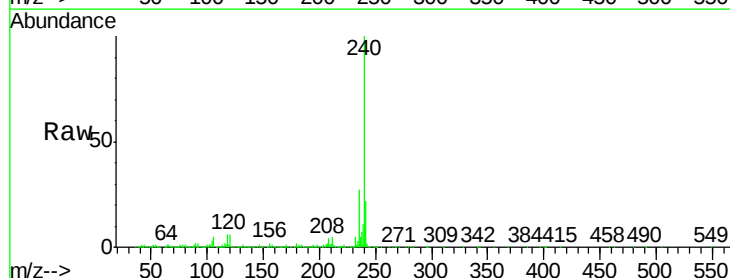
Tgt Ion:240 Resp: 1101492

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

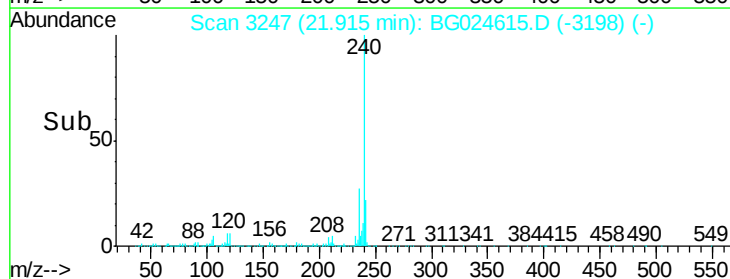
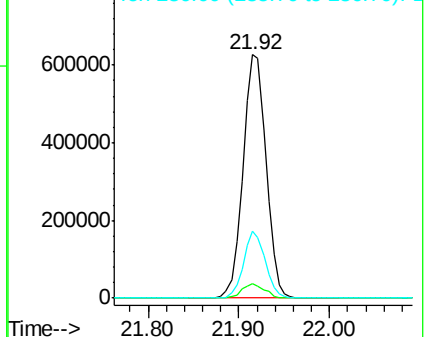
236 27.3 22.2 33.4

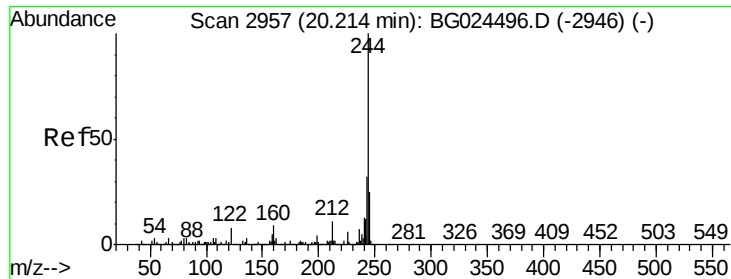


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.51 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Instrument :

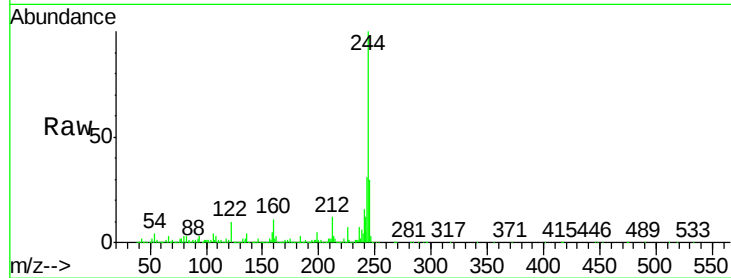
BNA_G

ClientSampleId :

SB-69-0.5-1.0

Tgt Ion:244 Resp: 3410029

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.0	15.0
122	10.1	8.6	12.8

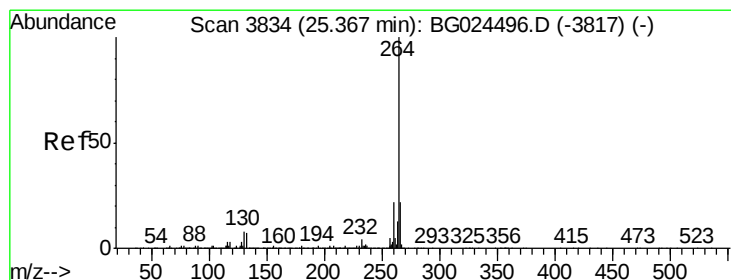
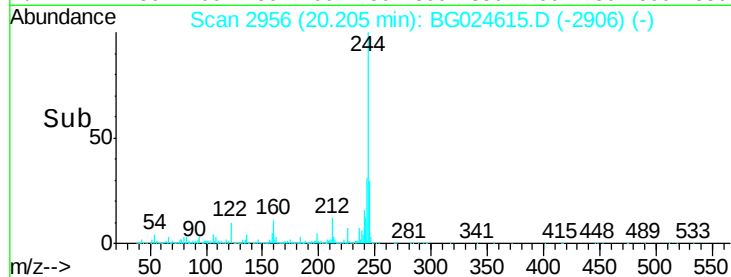
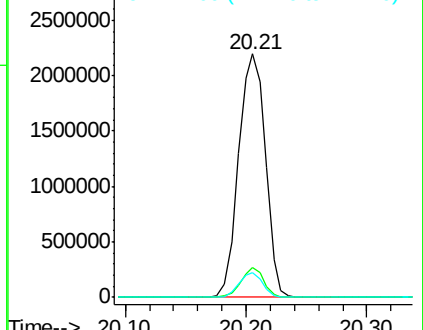


Abundance

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

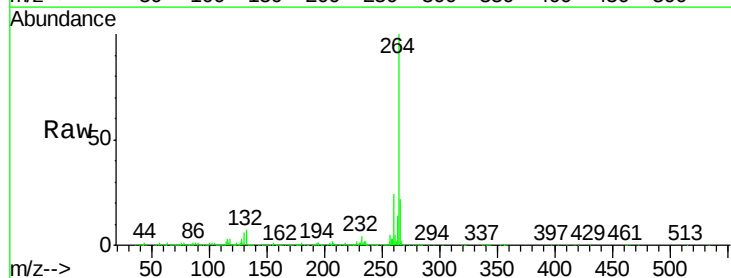
Delta R.T. -0.01 min

Lab File: BG024615.D

Acq: 2 Nov 2016 6:22

Tgt Ion:264 Resp: 1148426

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	22.0	18.2	27.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

