

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024692.D
 Acq On : 5 Nov 2016 1:48
 Operator : UM/SJ
 Sample : H5531-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-2

Quant Time: Nov 05 03:08:25 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

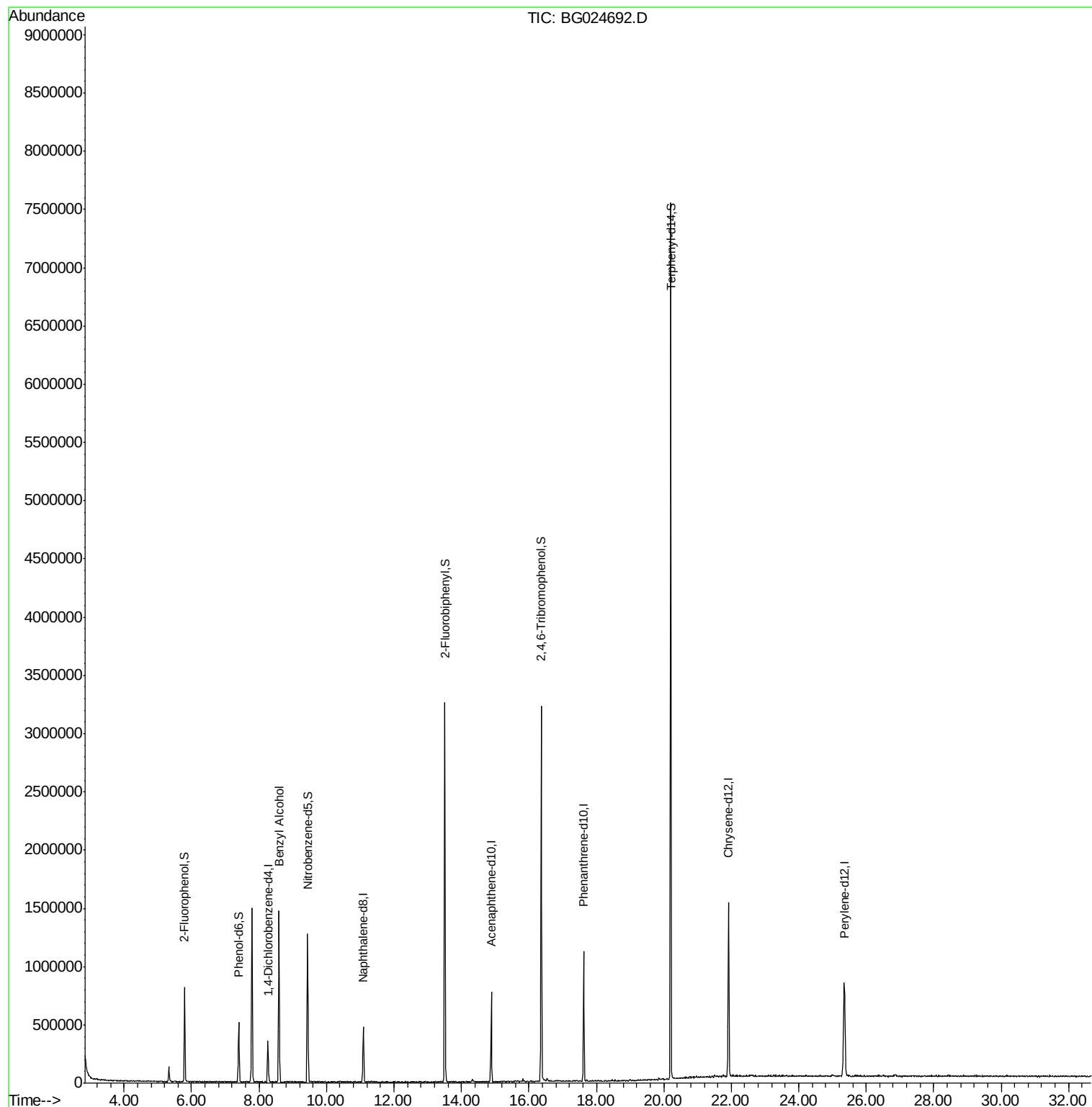
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	96696	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	380107	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	286584	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	703076	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018808	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1026307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	318038	53.91	ng	0.00
7) Phenol-d6	7.40	99	281993	34.84	ng	0.00
23) Nitrobenzene-d5	9.44	82	793715	95.07	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	660485	154.27	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1649804	95.68	ng	0.00
78) Terphenyl-d14	20.21	244	3128780	91.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	15808	2.10	ng	Qvalue # 73

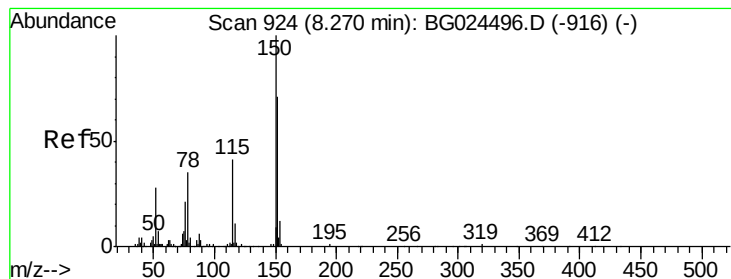
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024692.D

Acq: 5 Nov 2016 1:48

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BNA_G

ClientSampleId :

S22-EB-2016-2

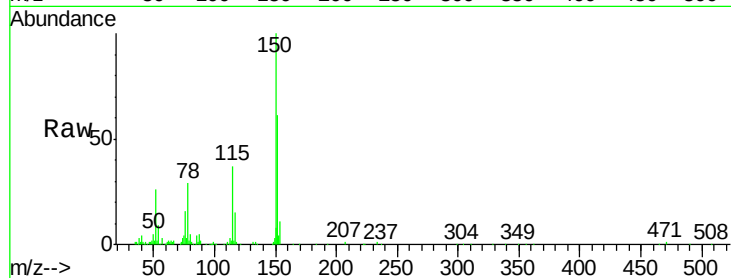
Tgt Ion:152 Resp: 96696

Ion Ratio Lower Upper

152 100

150 165.3 114.0 171.0

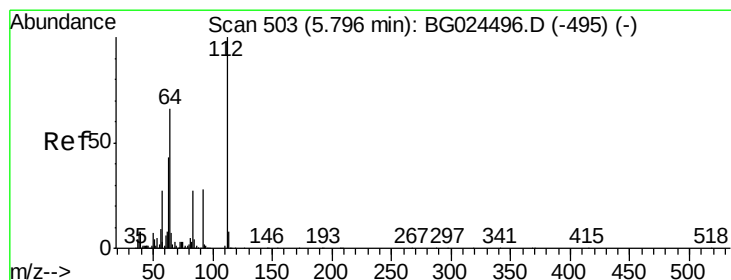
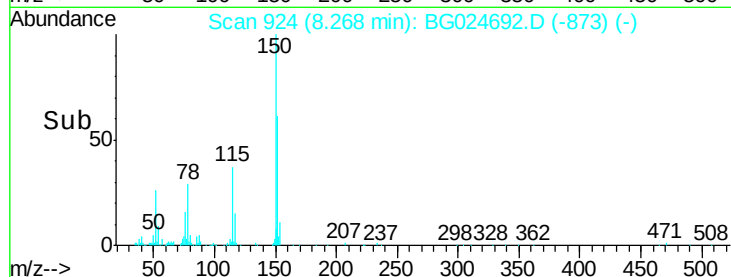
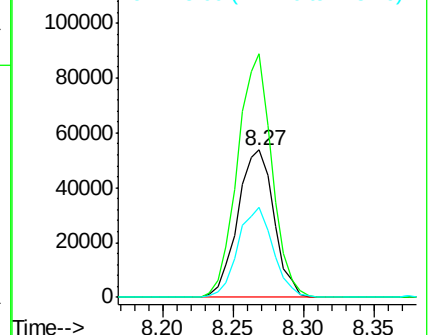
115 61.0 48.1 72.1



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: 53.91 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

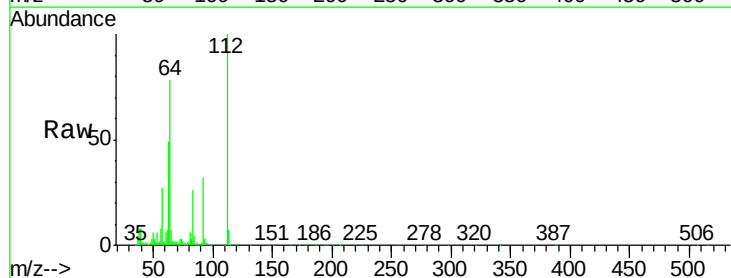
Tgt Ion:112 Resp: 318038

Ion Ratio Lower Upper

112 100

64 78.0 61.8 92.6

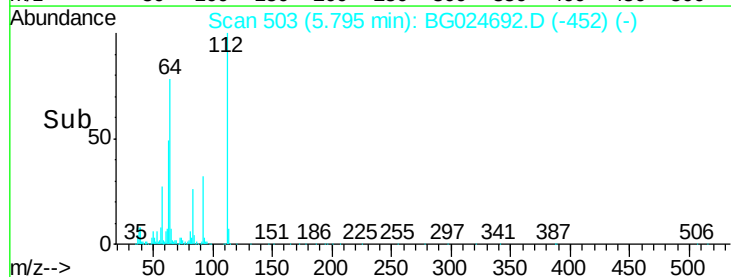
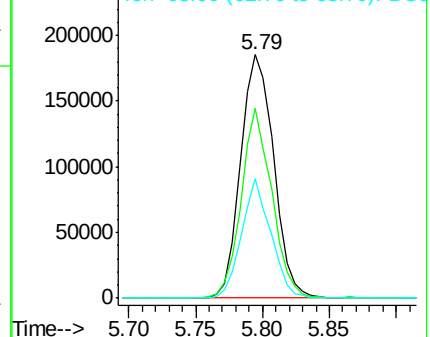
63 49.0 37.2 55.8

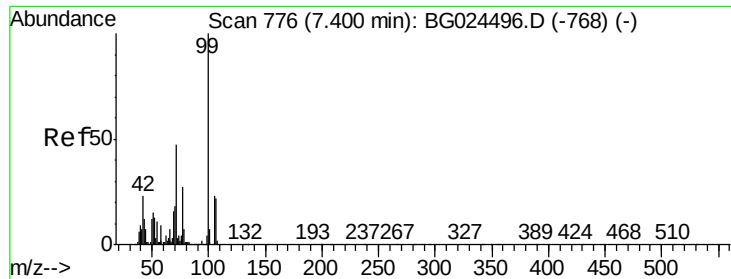


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.84 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-2

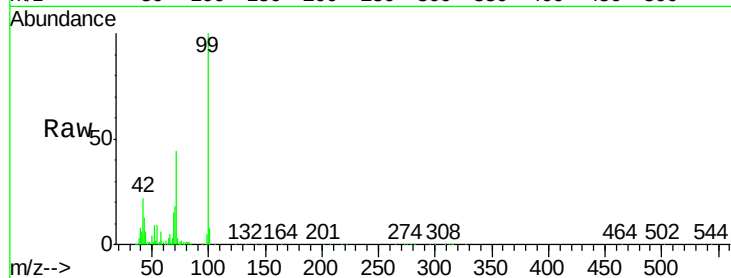
Tgt Ion: 99 Resp: 281993

Ion Ratio Lower Upper

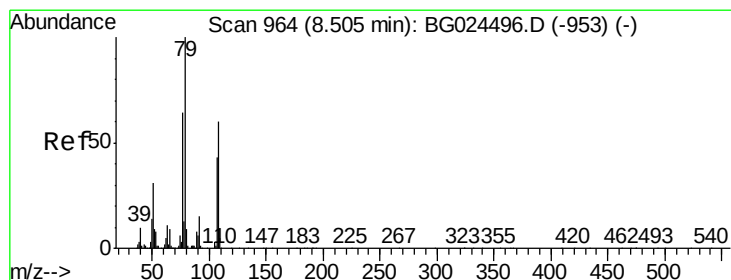
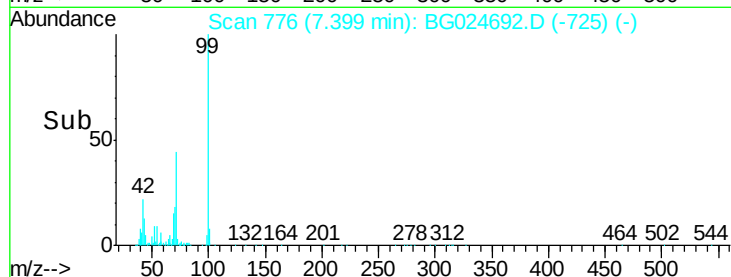
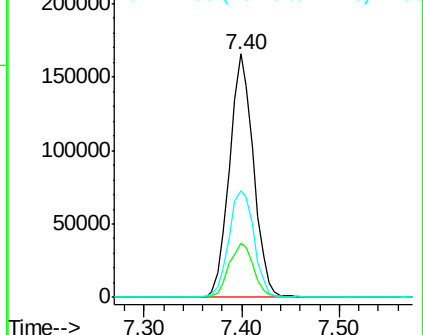
99 100

42 22.2 20.5 30.7

71 43.9 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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

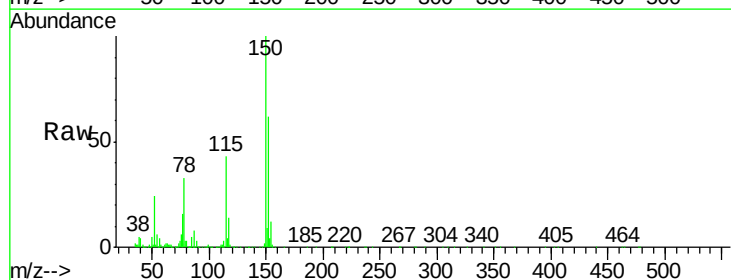
Tgt Ion: 79 Resp: 15808

Ion Ratio Lower Upper

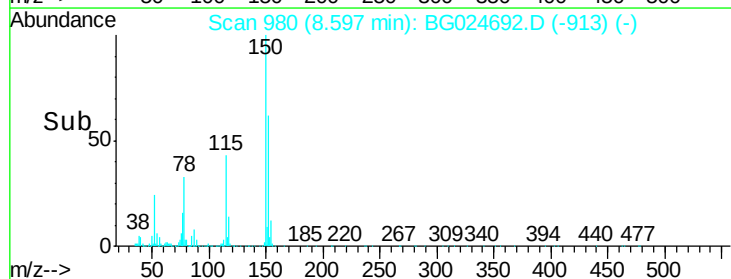
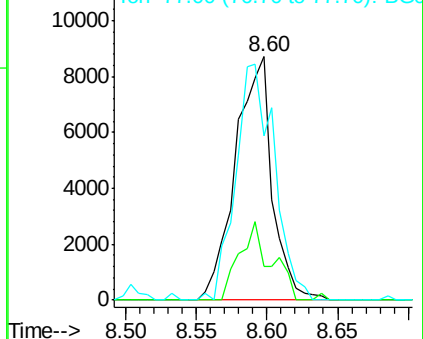
79 100

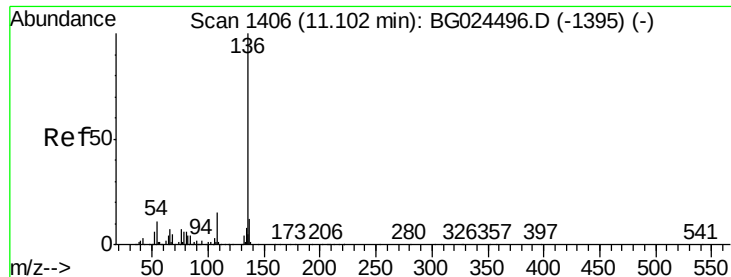
108 13.7 45.5 68.3#

77 67.6 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

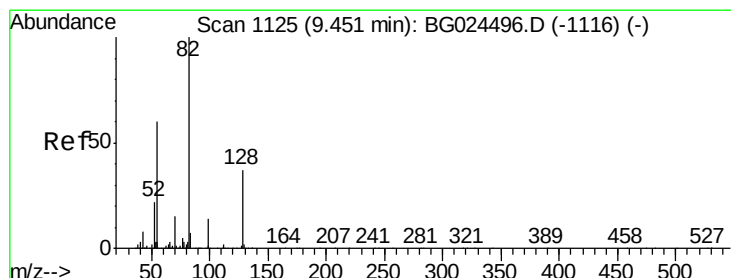
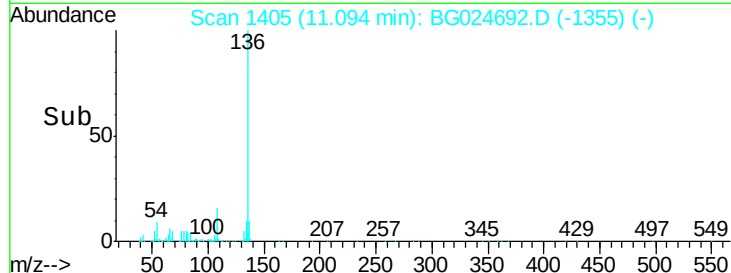
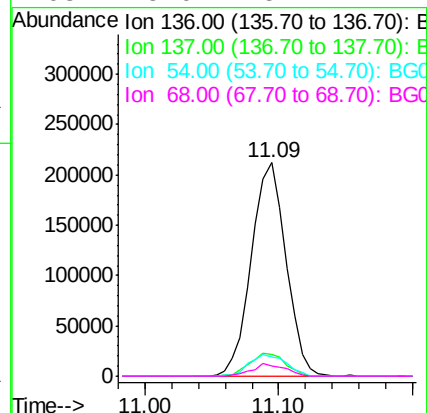
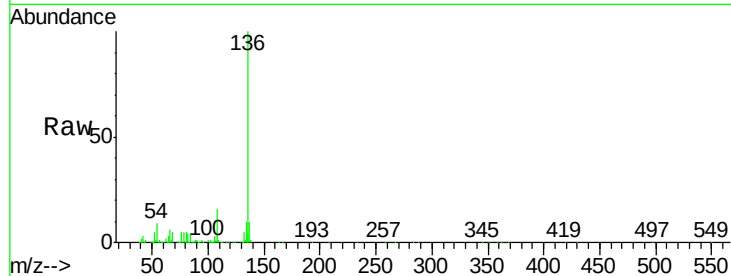




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

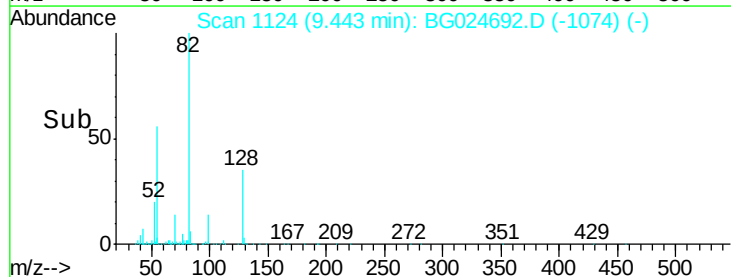
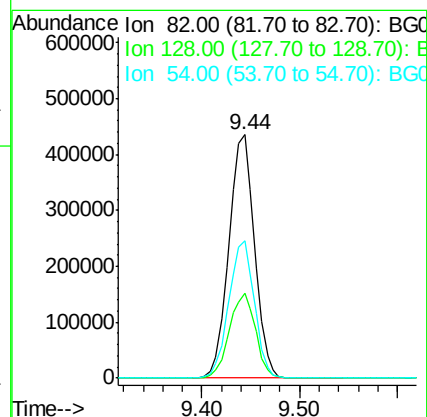
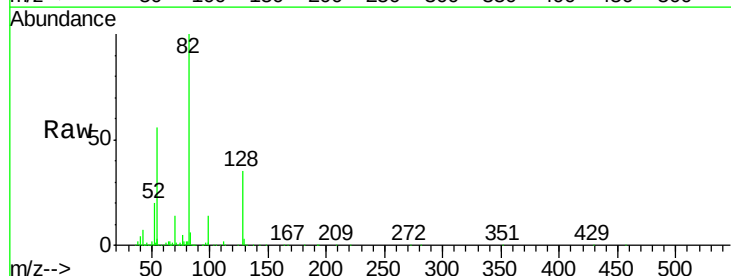
Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-2

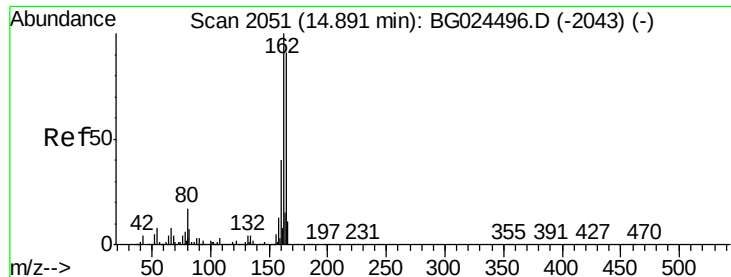
Tgt Ion:	136	Resp:	380107
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.0	9.3	13.9#
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

Tgt Ion:	82	Resp:	793715
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	56.4	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: BG024692.D

Acq: 5 Nov 2016 1:48

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-2

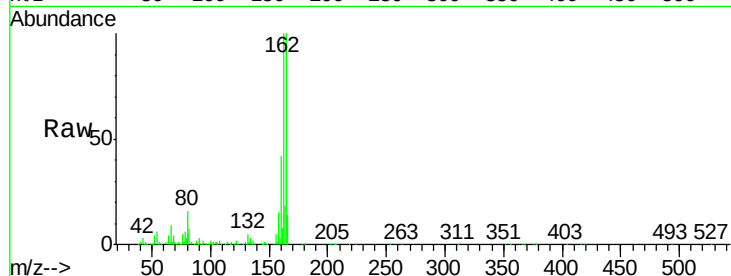
Tgt Ion:164 Resp: 286584

Ion Ratio Lower Upper

164 100

162 100.0 85.1 127.7

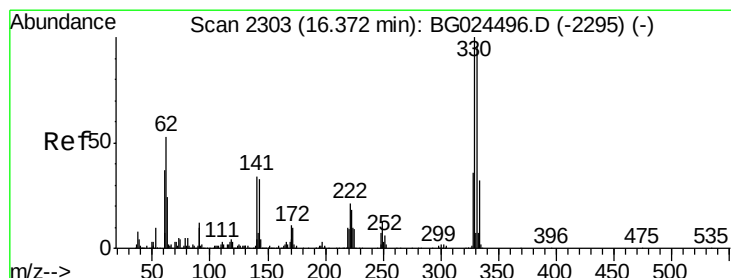
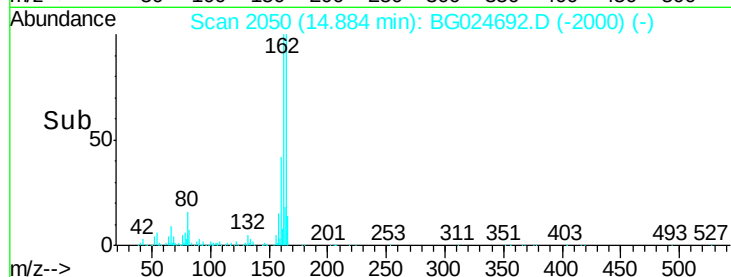
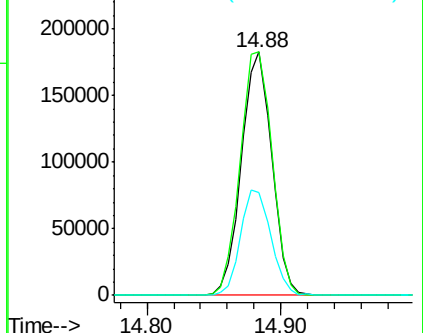
160 42.1 34.7 52.1



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: 154.27 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

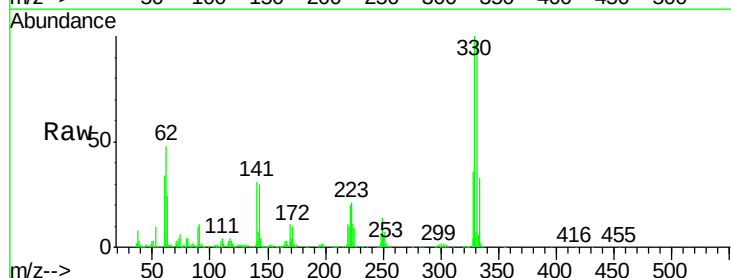
Tgt Ion:330 Resp: 660485

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

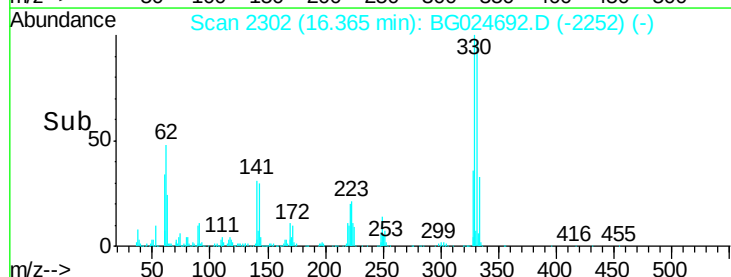
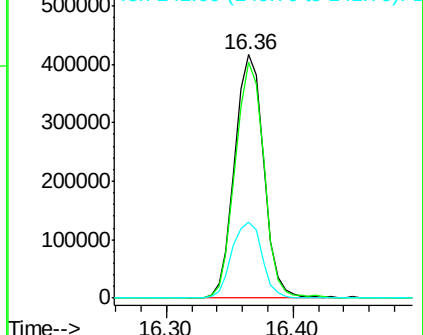
141 32.6 32.1 48.1

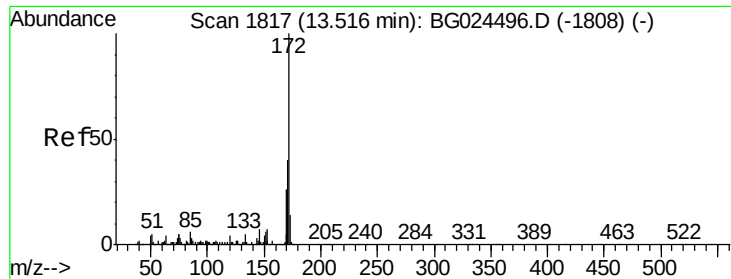


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

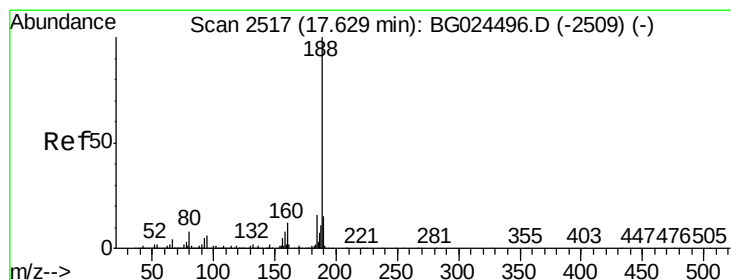
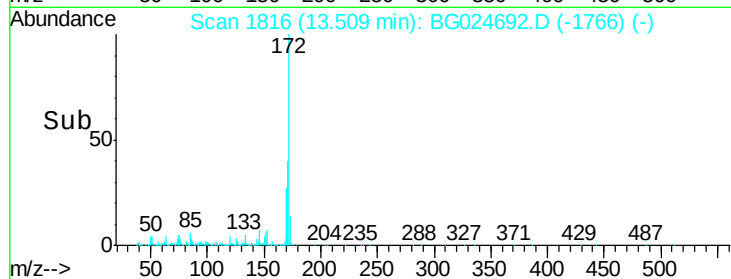
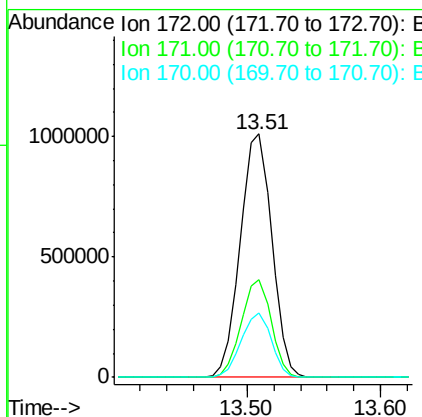
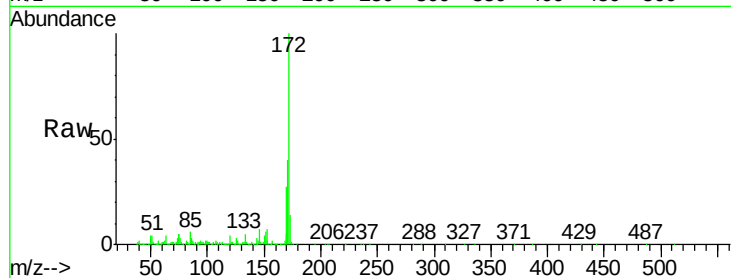




#44
 2-Fluorobiphenyl
 Concen: 95.68 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024692.D
 Acq: 5 Nov 2016 1:48

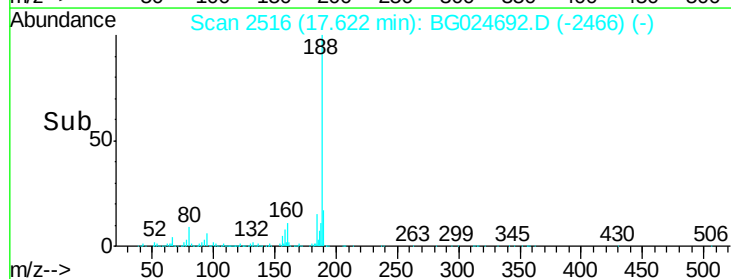
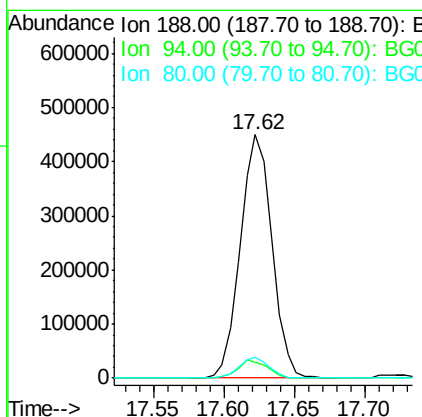
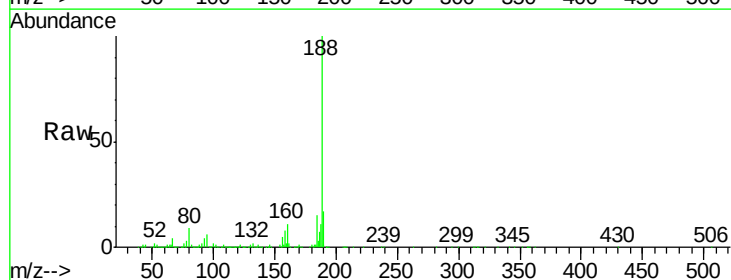
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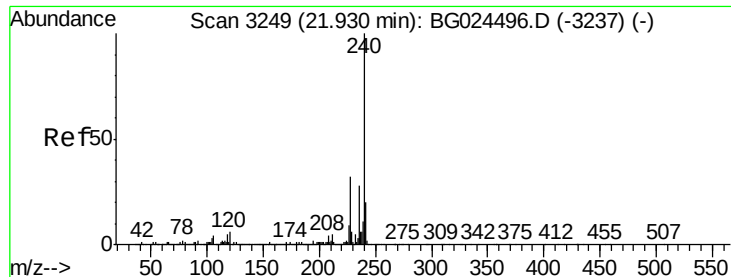
Tgt Ion:172 Resp: 1649804
 Ion Ratio Lower Upper
 172 100
 171 40.1 32.2 48.2
 170 26.7 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG024692.D
 Acq: 5 Nov 2016 1:48

Tgt Ion:188 Resp: 703076
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.8
 80 8.8 7.5 11.3

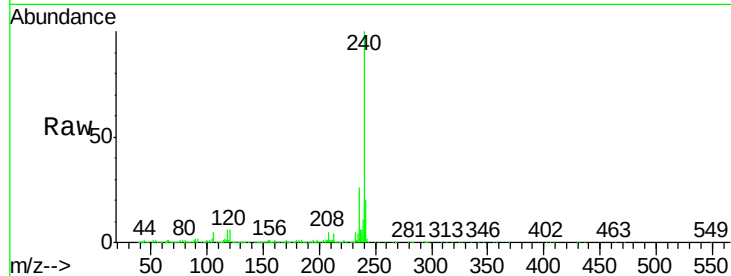




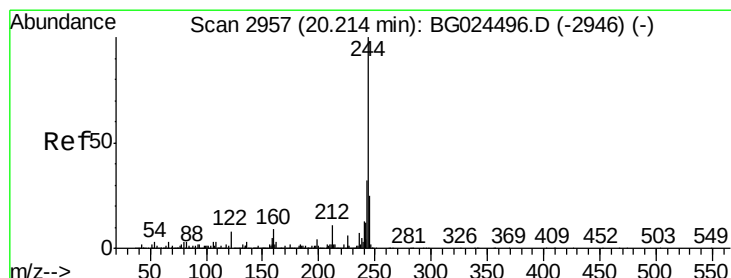
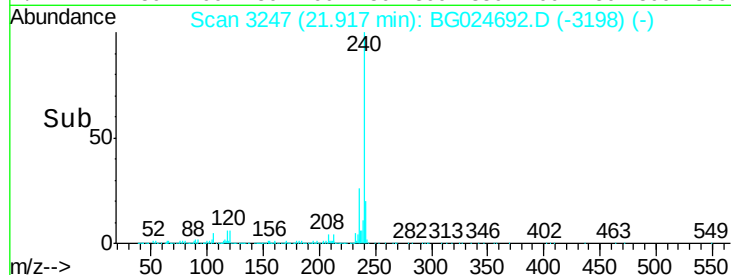
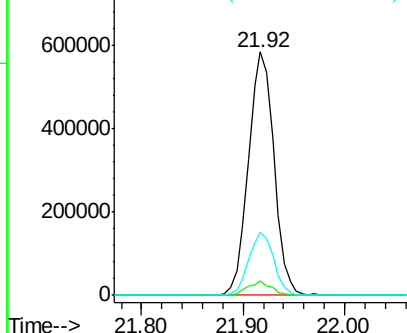
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024692.D
 Acq: 5 Nov 2016 1:48

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-2

Tgt Ion:240 Resp: 1018808
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.7 8.5
 236 25.7 22.2 33.4

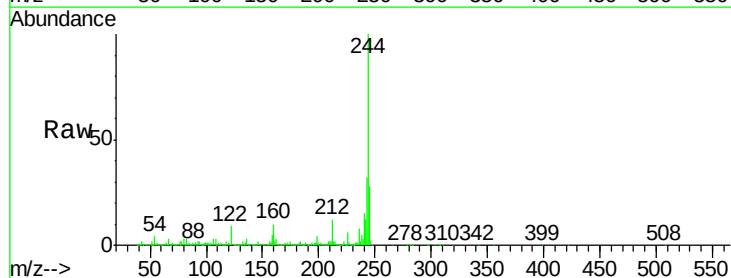


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

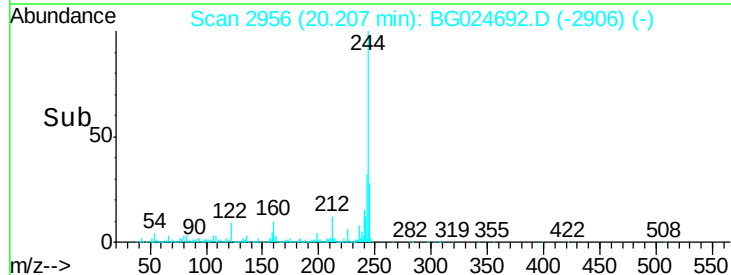
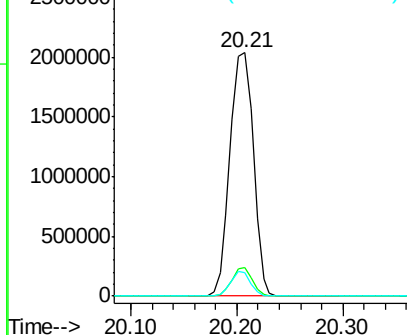


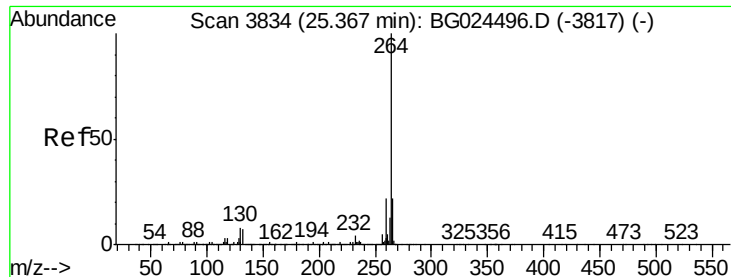
#78
 Terphenyl-d14
 Concen: 91.77 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024692.D
 Acq: 5 Nov 2016 1:48

Tgt Ion:244 Resp: 3128780
 Ion Ratio Lower Upper
 244 100
 212 12.0 10.0 15.0
 122 9.5 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: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-2

Tgt Ion: 264 Resp: 1026307

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.7	18.2	27.4

