

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024699.D
 Acq On : 5 Nov 2016 6:18
 Operator : UM/SJ
 Sample : H5531-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0017

Quant Time: Nov 06 23:43:19 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

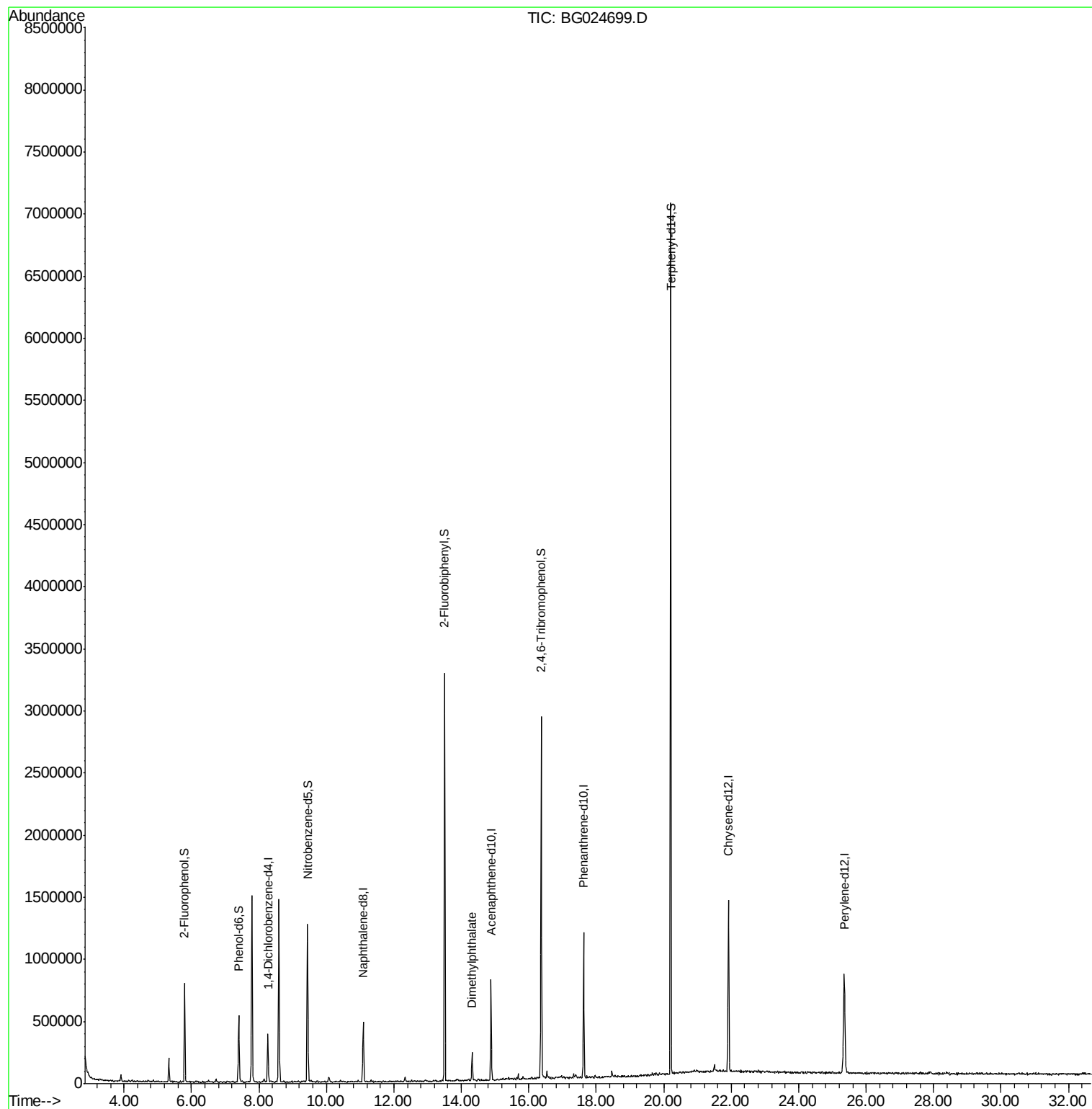
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	99451	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	397589	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	297501	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	693639	20.00	ng	0.00
75) Chrysene-d12	21.92	240	977284	20.00	ng	-0.01
86) Perylene-d12	25.34	264	996160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	325148	53.59	ng	0.00
7) Phenol-d6	7.40	99	292926	35.19	ng	0.00
23) Nitrobenzene-d5	9.44	82	803425	92.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	601474	135.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1679085	93.81	ng	-0.01
78) Terphenyl-d14	20.20	244	2965970	90.69	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	142347	6.74	ng	98

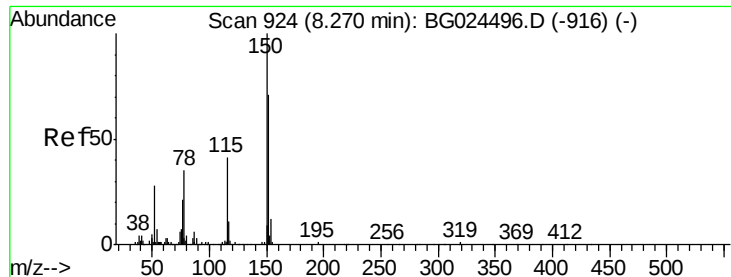
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024699.D

Acq: 5 Nov 2016 6:18

Instrument :

BNA_G

ClientSampleId :

S22-0017

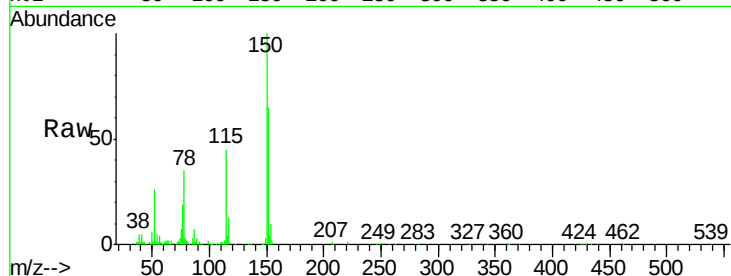
Tot Ion:152 Resp: 99451

Ion Ratio Lower Upper

152 100

150 153.4 114.0 171.0

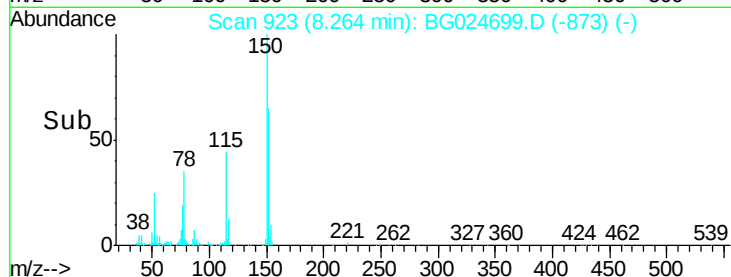
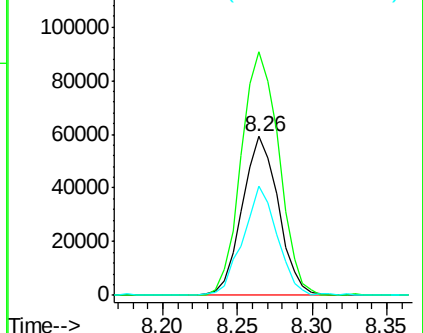
115 68.6 48.1 72.1



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: 53.59 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024699.D

Acq: 5 Nov 2016 6:18

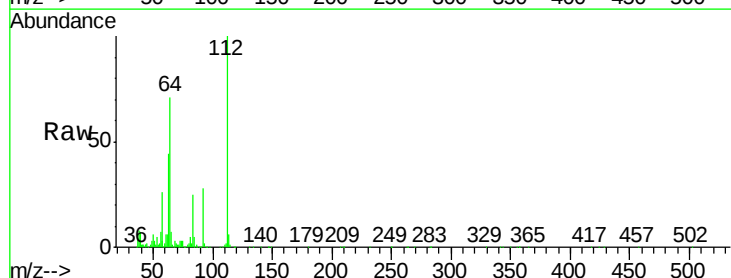
Tgt Ion:112 Resp: 325148

Ion Ratio Lower Upper

112 100

64 70.9 61.8 92.6

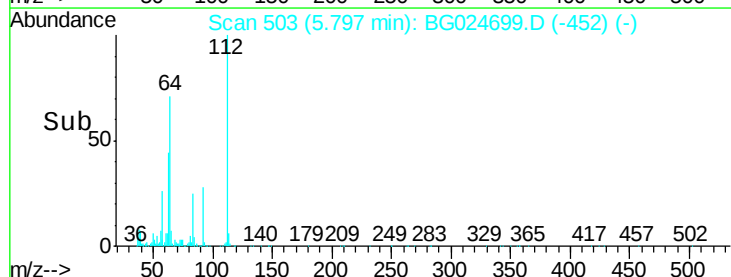
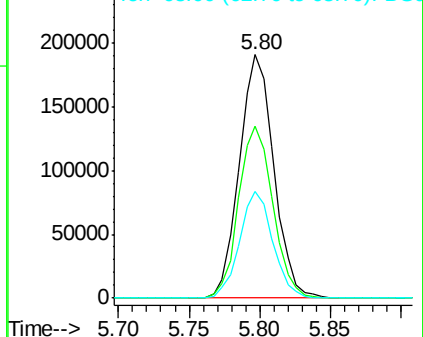
63 44.1 37.2 55.8



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: 35.19 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024699.D

Acq: 5 Nov 2016 6:18

Instrument :

BNA_G

ClientSampleId :

S22-0017

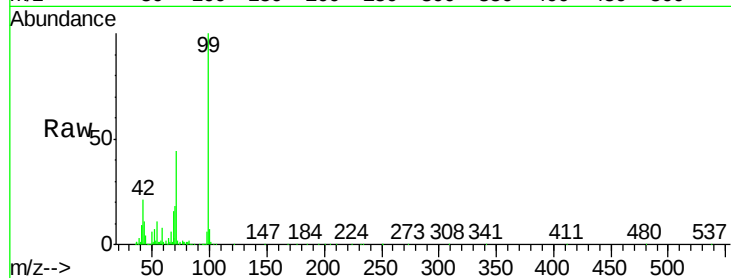
Tot Ion: 99 Resp: 292926

Ion Ratio Lower Upper

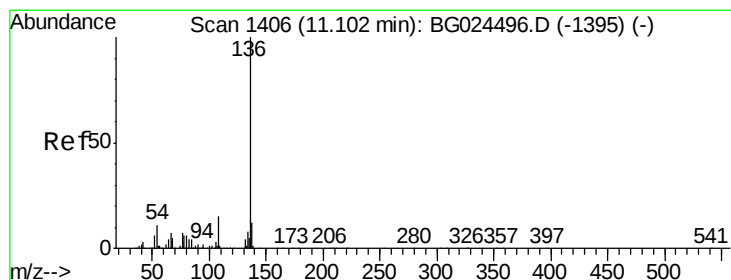
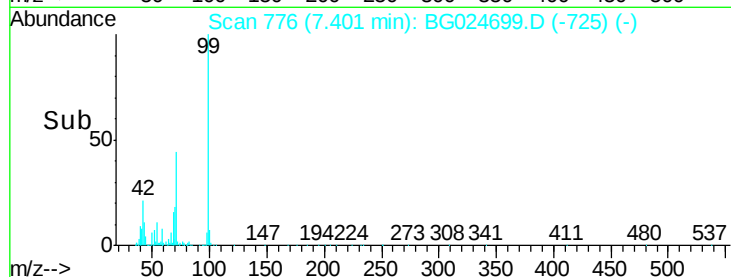
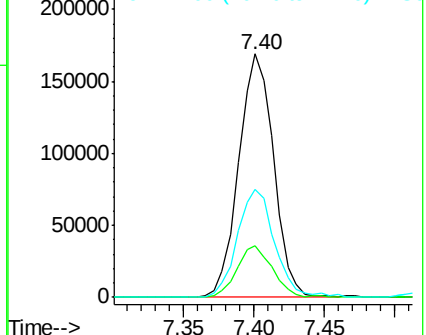
99 100

42 21.0 20.5 30.7

71 44.2 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# 1404

Delta R.T. -0.01 min

Lab File: BG024699.D

Acq: 5 Nov 2016 6:18

Tgt Ion: 136 Resp: 397589

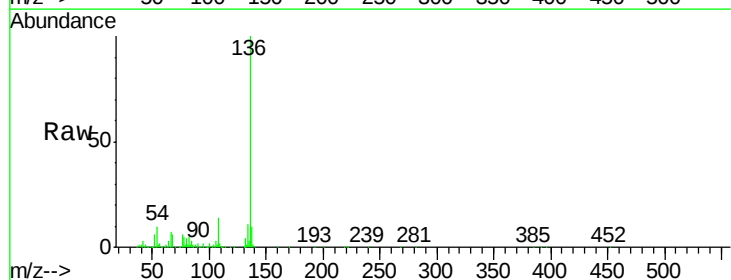
Ion Ratio Lower Upper

136 100

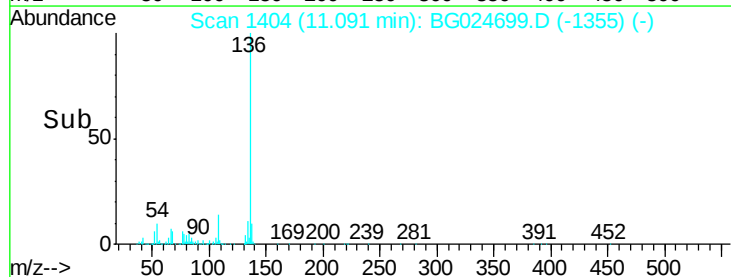
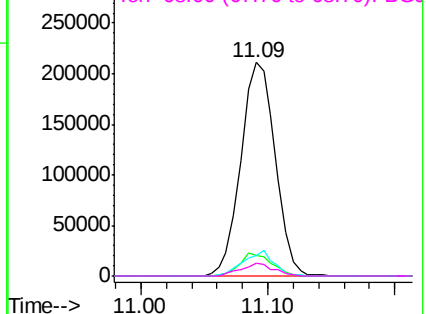
137 9.8 8.9 13.3

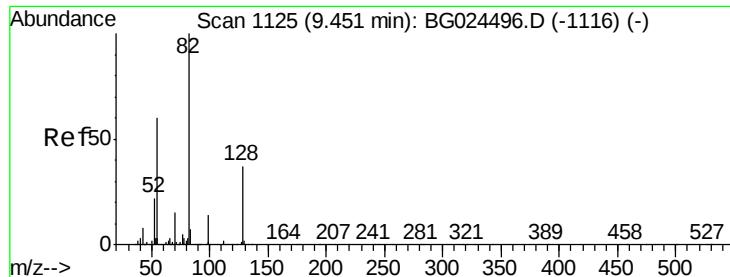
54 9.6 9.3 13.9

68 6.3 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

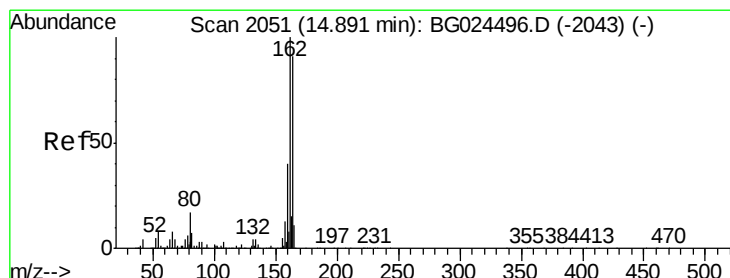
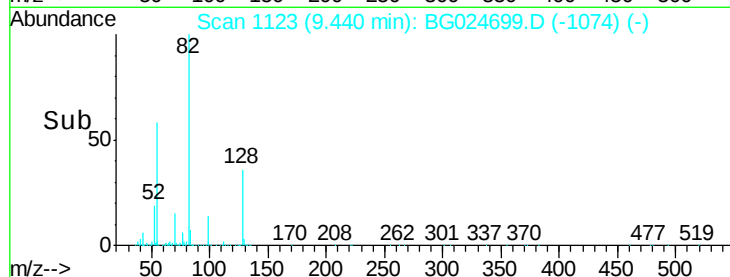
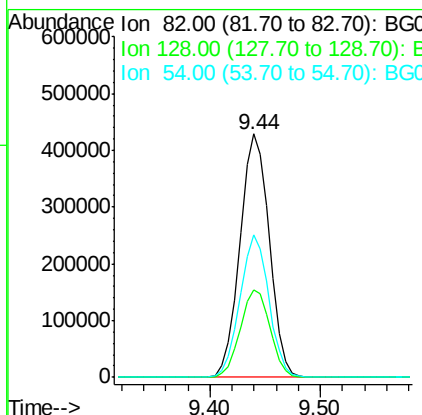
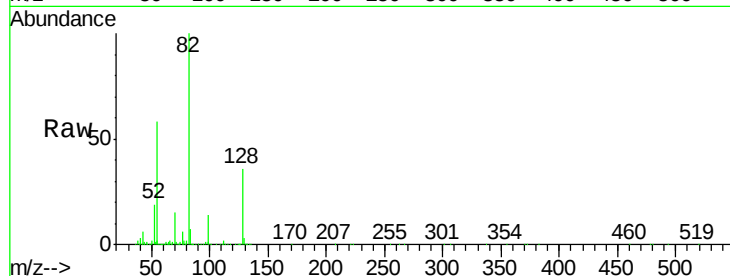




#23
 Nitrobenzene-d5
 Concen: 92.00 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

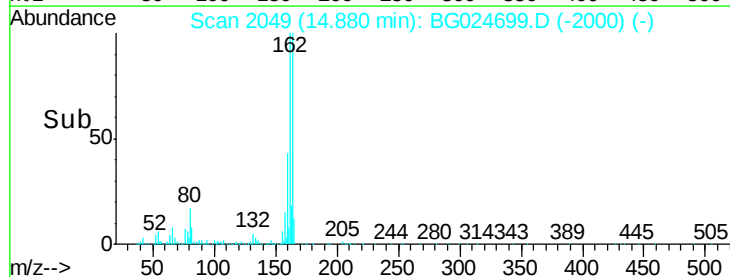
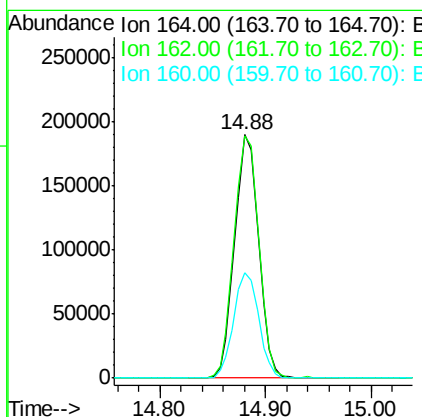
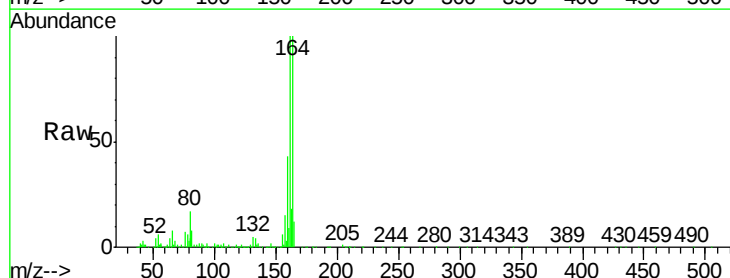
Instrument :
 BNA_G
 ClientSampleId :
 S22-0017

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	58.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.1	127.7
160	43.1	34.7	52.1

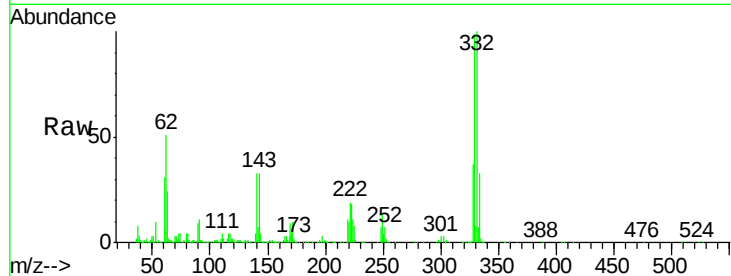




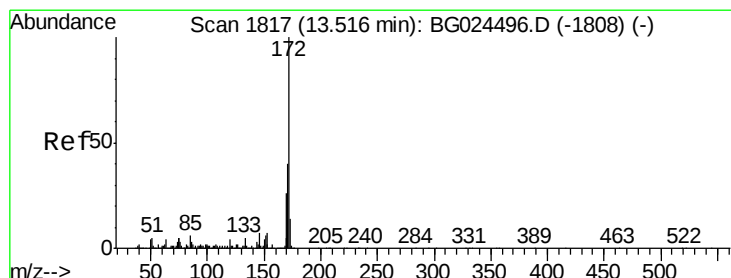
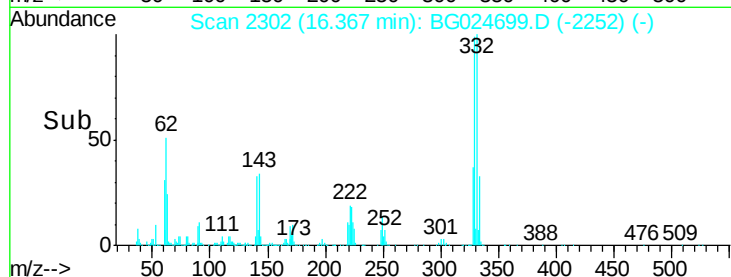
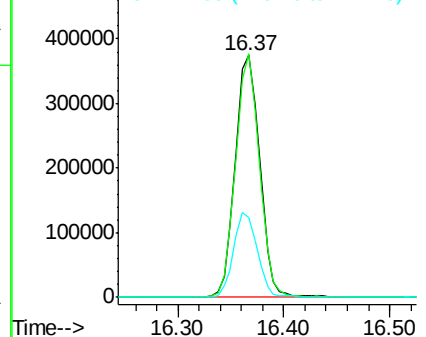
#41
 2,4,6-Tribromophenol
 Concen: 135.33 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

Instrument :
 BNA_G
 ClientSampleId :
 S22-0017

Tot Ion:330 Resp: 601474
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 34.1 32.1 48.1

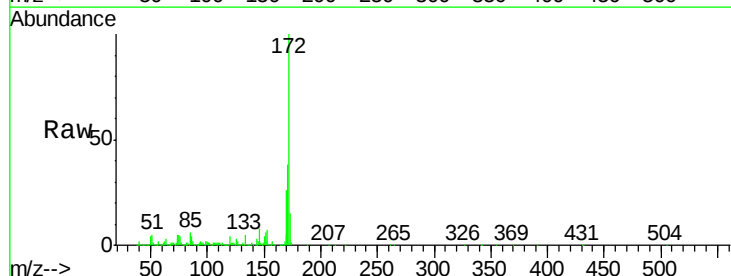


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

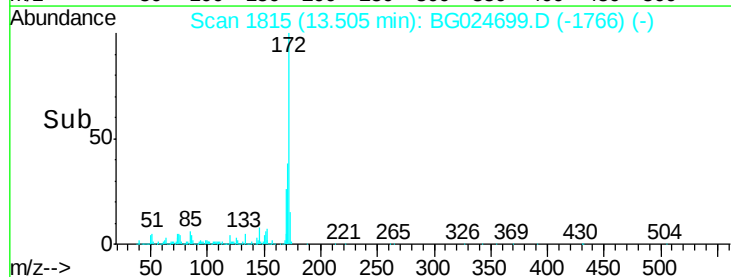
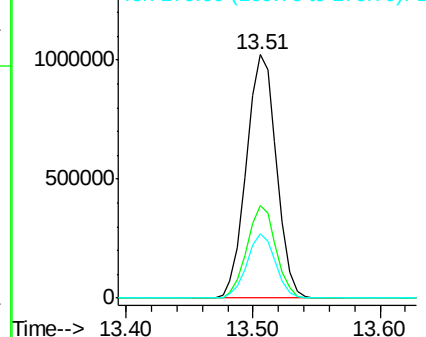


#44
 2-Fluorobiphenyl
 Concen: 93.81 ng
 RT: 13.51 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

Tgt Ion:172 Resp: 1679085
 Ion Ratio Lower Upper
 172 100
 171 37.8 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: 6.74 ng

RT: 14.32 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG024699.D

Acq: 5 Nov 2016 6:18

Instrument :

BNA_G

ClientSampleId :

S22-0017

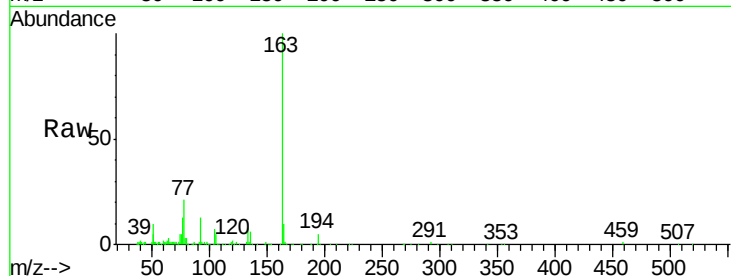
Tot Ion:163 Resp: 142347

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

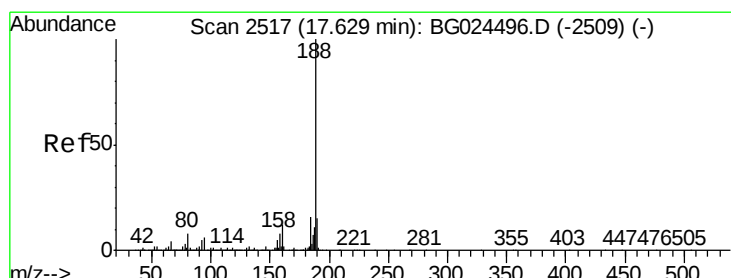
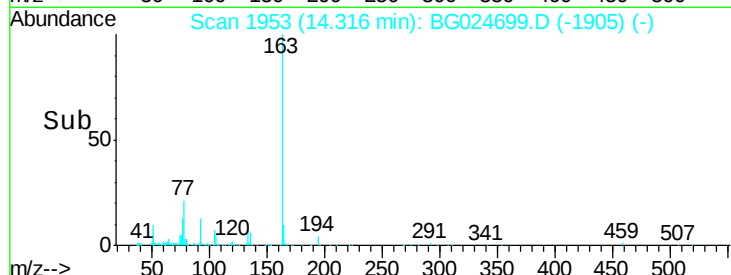
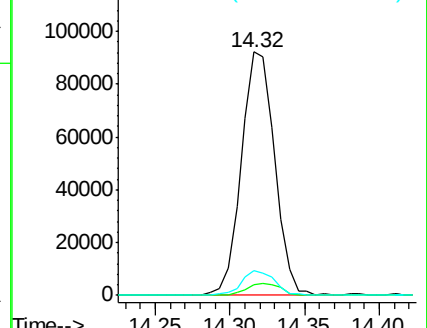
164 10.4 9.3 13.9



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: BG024699.D

Acq: 5 Nov 2016 6:18

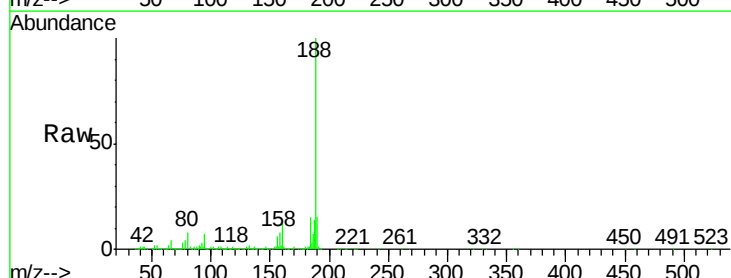
Tgt Ion:188 Resp: 693639

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

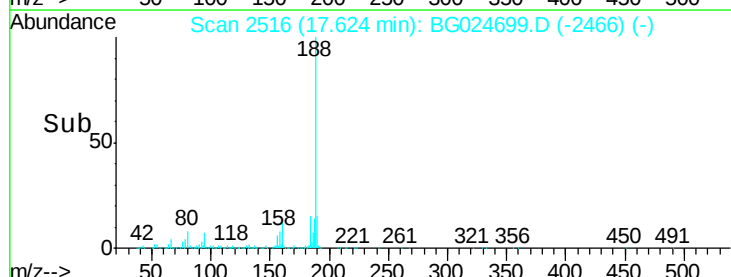
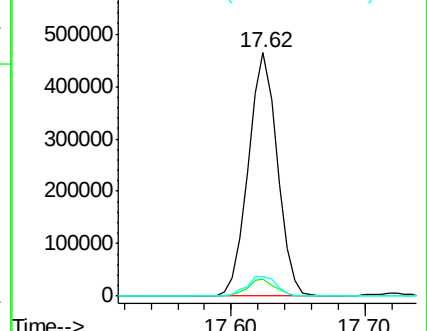
80 7.8 7.5 11.3

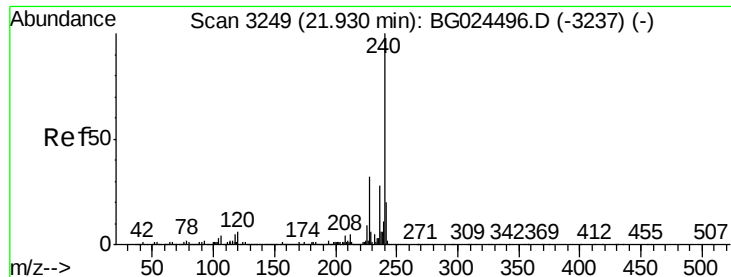


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

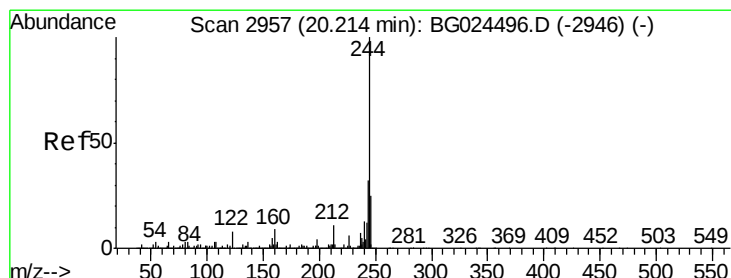
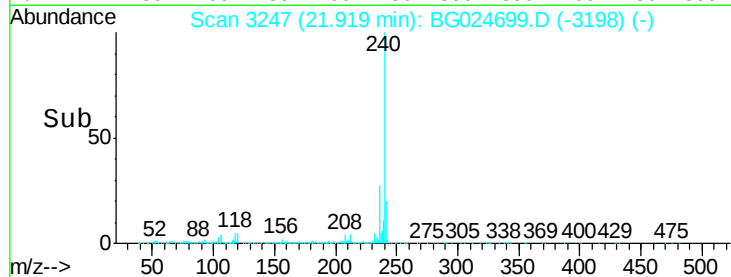
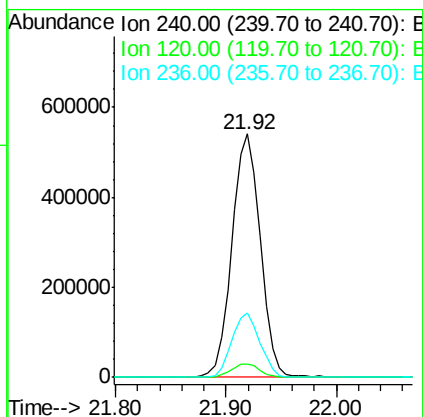
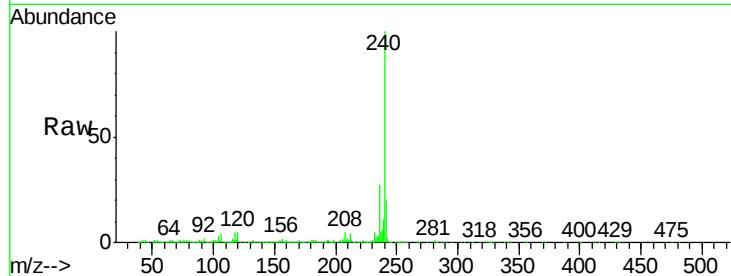




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

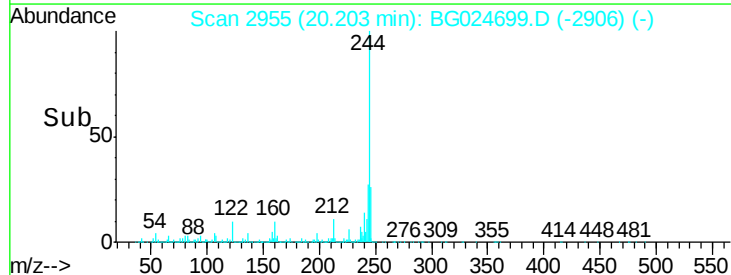
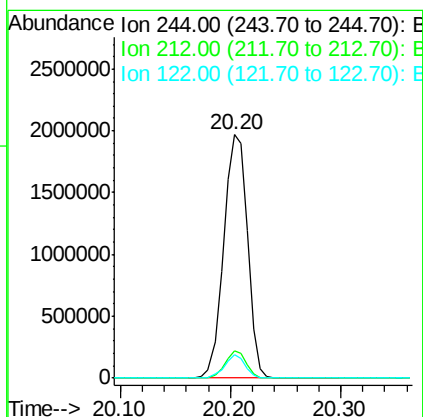
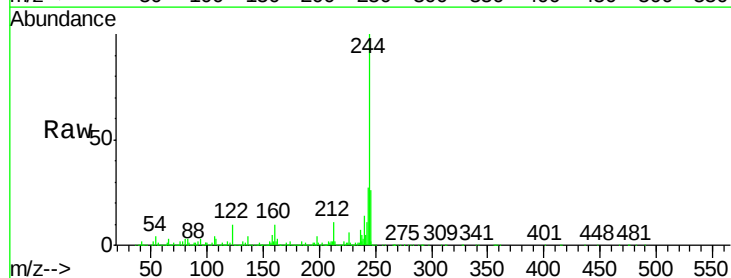
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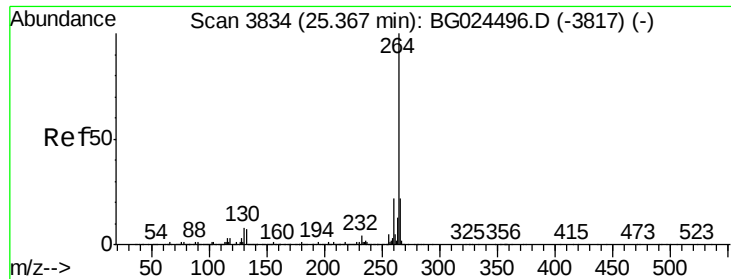
Tot Ion:240 Resp: 977284
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.7 8.5#
 236 26.5 22.2 33.4



#78
 Terphenyl-d14
 Concen: 90.69 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024699.D
 Acq: 5 Nov 2016 6:18

Tgt Ion:244 Resp: 2965970
 Ion Ratio Lower Upper
 244 100
 212 11.2 10.0 15.0
 122 9.6 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024699.D
Acq: 5 Nov 2016 6:18

Instrument :
BNA_G
ClientSampleId :
S22-0017

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.7	18.2	27.4

