

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024689.D
 Acq On : 4 Nov 2016 23:52
 Operator : UM/SJ
 Sample : H5531-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0018

Quant Time: Nov 05 00:40:46 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

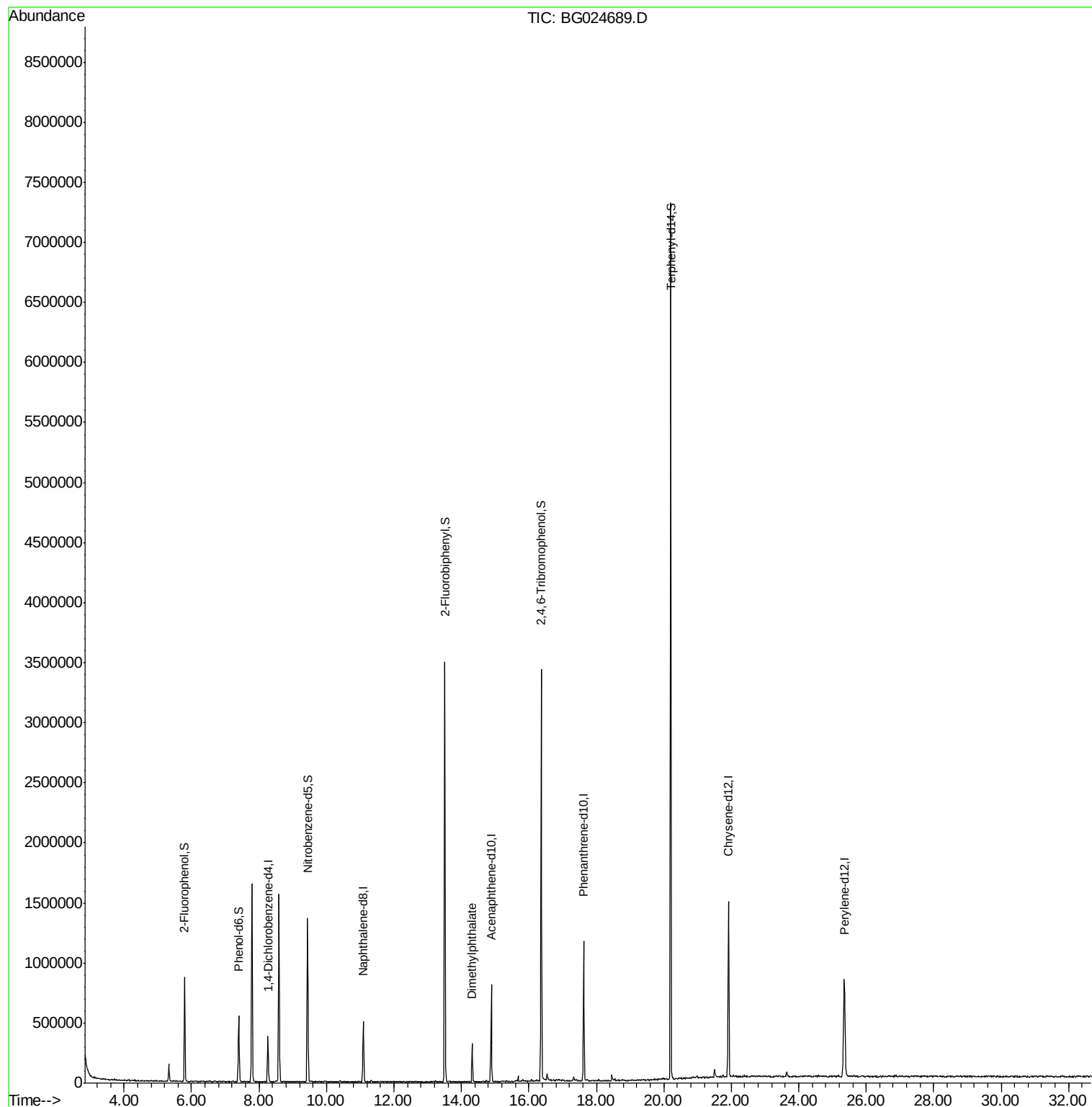
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	95801	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	405024	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	301150	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	719115	20.00	ng	0.00
75) Chrysene-d12	21.92	240	995561	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1007169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	359507	61.51	ng	0.00
7) Phenol-d6	7.40	99	304611	37.99	ng	0.00
23) Nitrobenzene-d5	9.44	82	867994	97.57	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	688050	152.93	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1804026	99.57	ng	0.00
78) Terphenyl-d14	20.21	244	3083424	92.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	205439	9.61	ng	Qvalue # 95

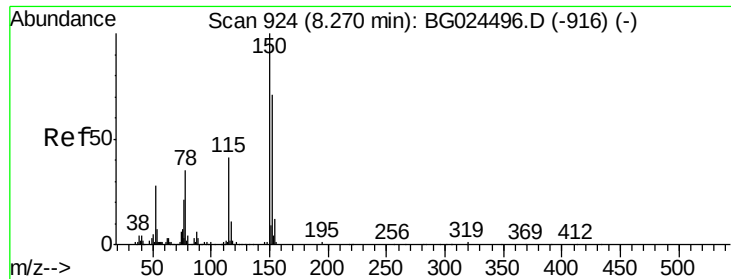
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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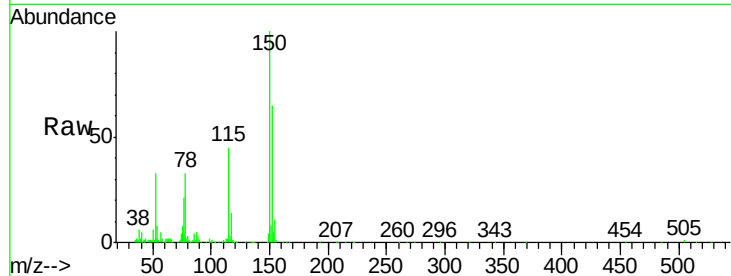


#1

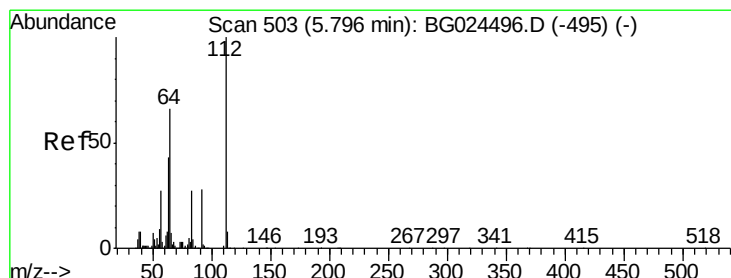
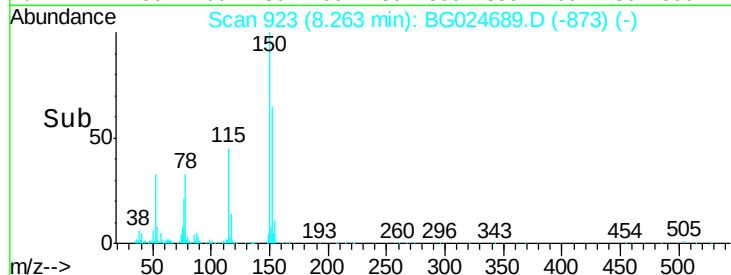
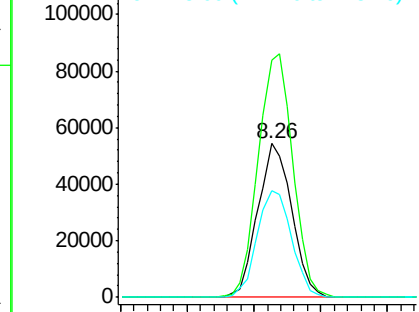
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Instrument :
BNA_G
ClientSampleId :
S22-0018

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	114.0	171.0
115	69.7	48.1	72.1



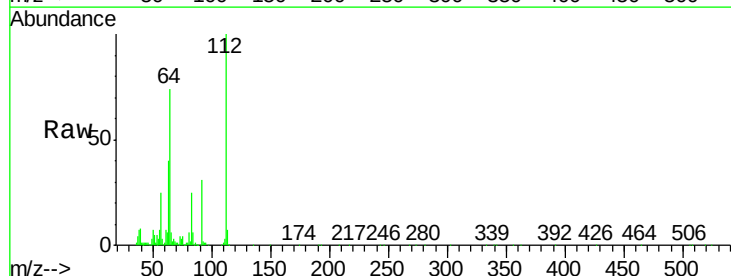
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



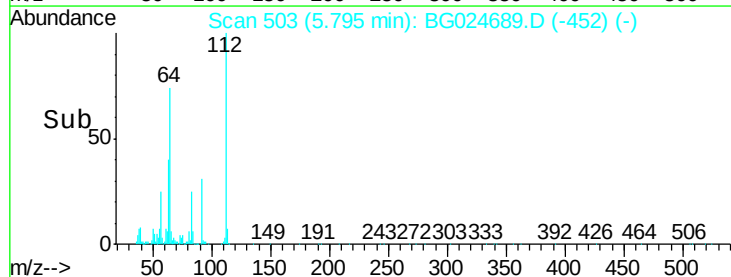
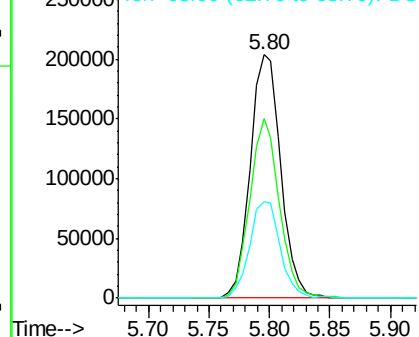
#5

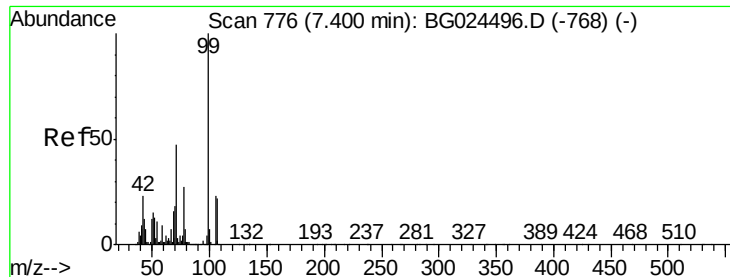
2-Fluorophenol
Concen: 61.51 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	61.8	92.6
63	39.8	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: 37.99 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_G

ClientSampleId :

S22-0018

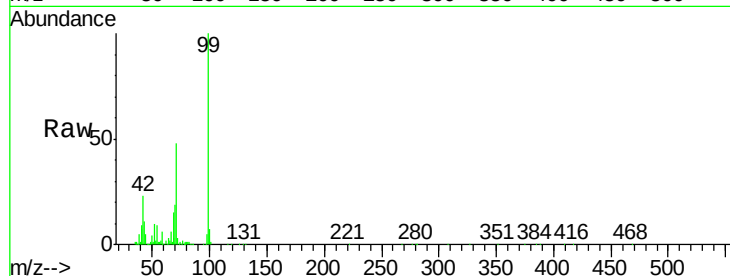
Tot Ion: 99 Resp: 304611

Ion Ratio Lower Upper

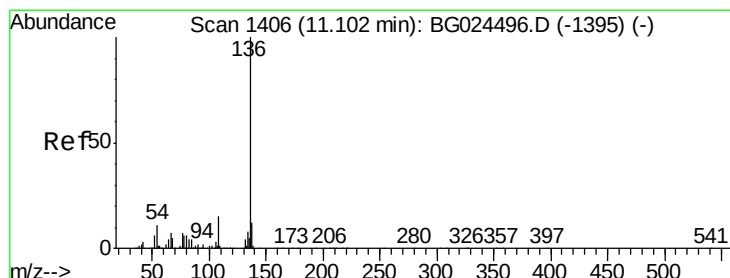
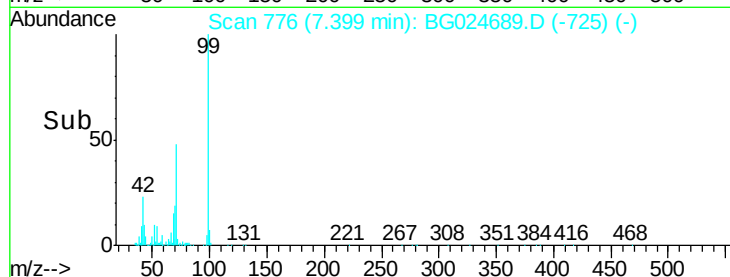
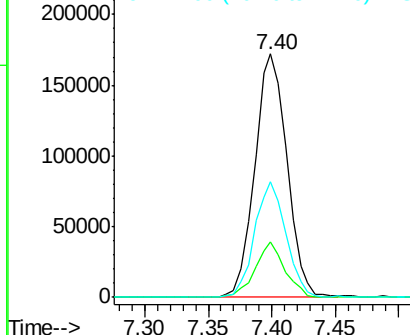
99 100

42 22.7 20.5 30.7

71 47.7 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: BG024689.D

Acq: 4 Nov 2016 23:52

Tgt Ion: 136 Resp: 405024

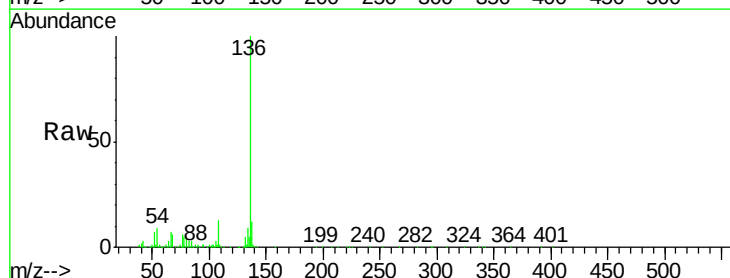
Ion Ratio Lower Upper

136 100

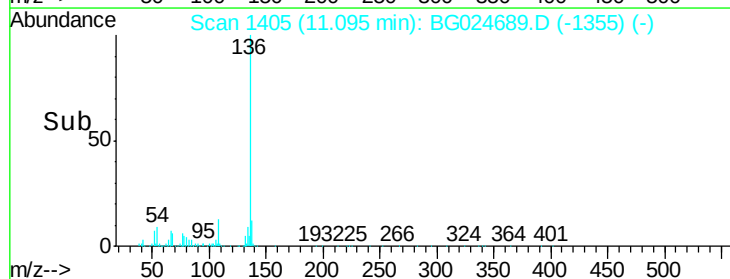
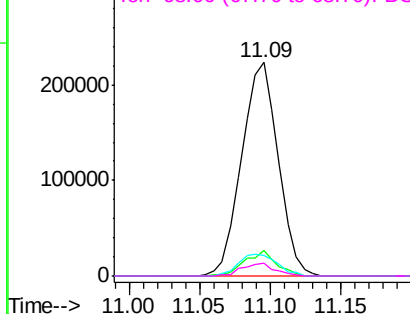
137 12.3 8.9 13.3

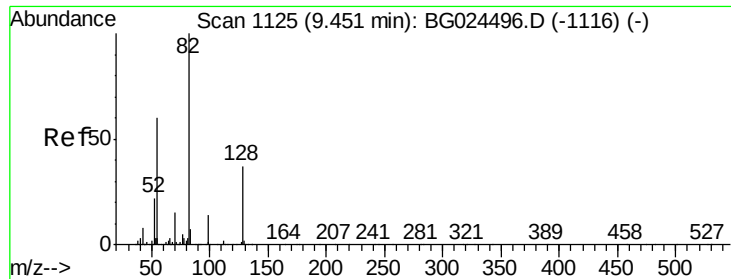
54 9.3 9.3 13.9

68 6.2 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

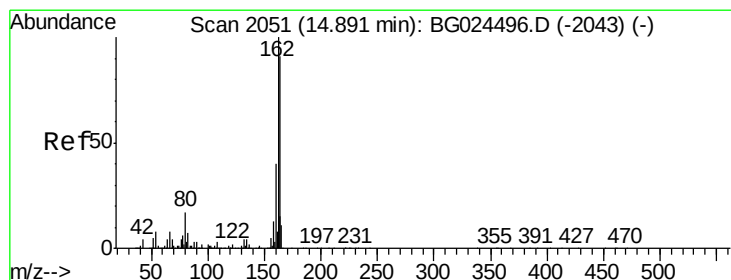
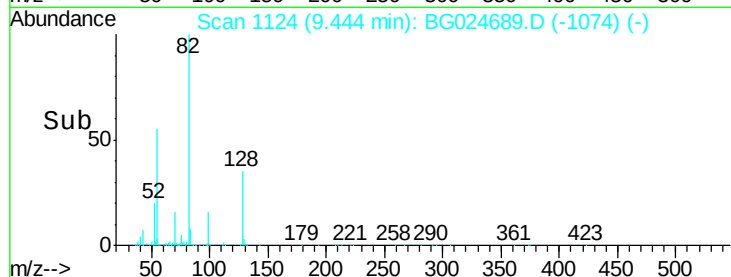
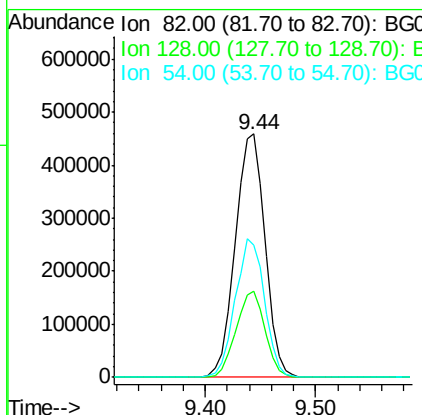
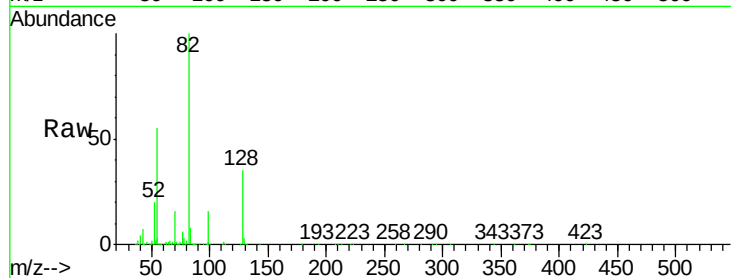




#23
 Nitrobenzene-d5
 Concen: 97.57 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024689.D
 Acq: 4 Nov 2016 23:52

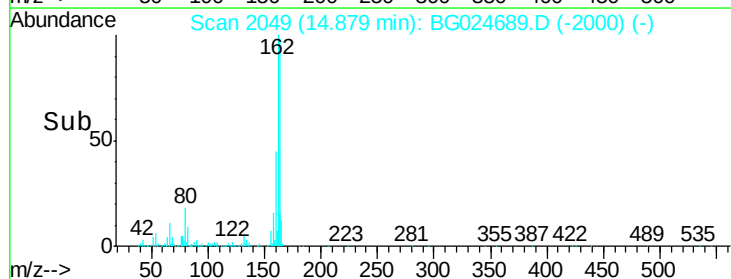
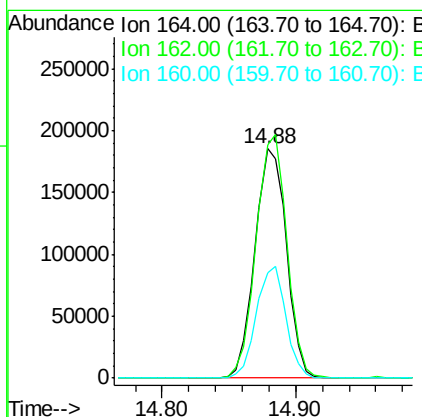
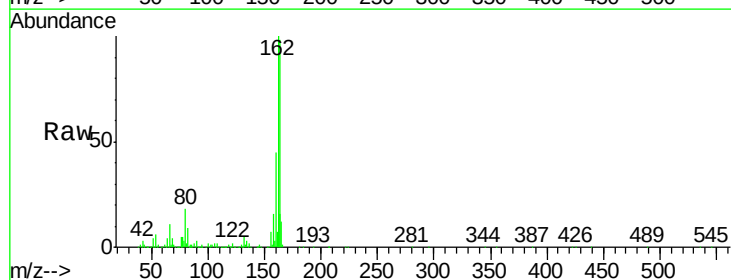
Instrument :
 BNA_G
 ClientSampleId :
 S22-0018

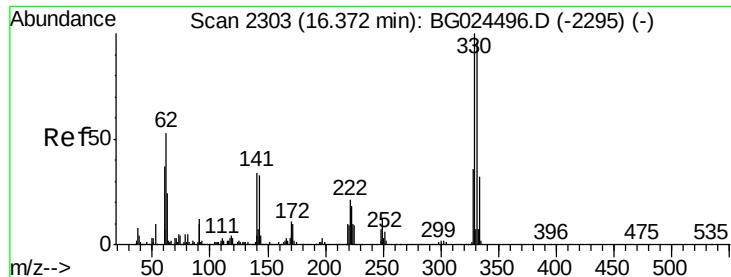
Tot Ion	82	Resp	867994
Ion Ratio	100	Lower	Upper
128	35.4	26.4	39.6
54	54.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG024689.D
 Acq: 4 Nov 2016 23:52

Tgt Ion	164	Resp	301150
Ion Ratio	100	Lower	Upper
162	102.1	85.1	127.7
160	45.7	34.7	52.1

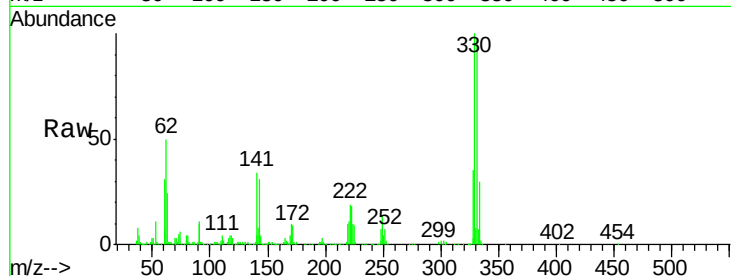




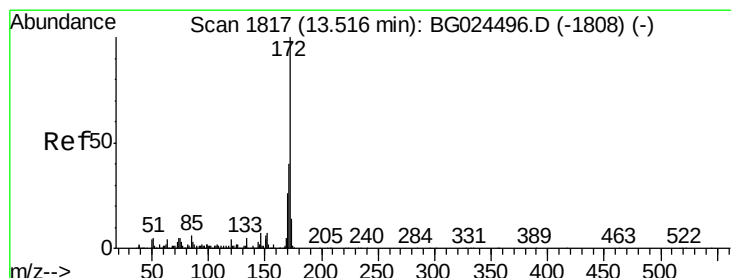
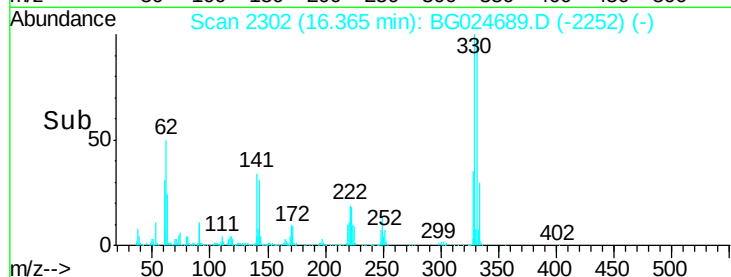
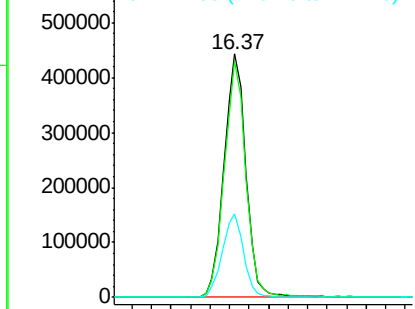
#41
2,4,6-Tribromophenol
Concen: 152.93 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Instrument :
BNA_G
ClientSampled :
S22-0018

Tot Ion:330 Resp: 688050
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.7 32.1 48.1

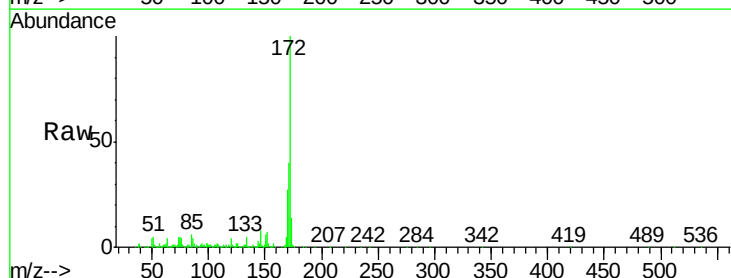


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

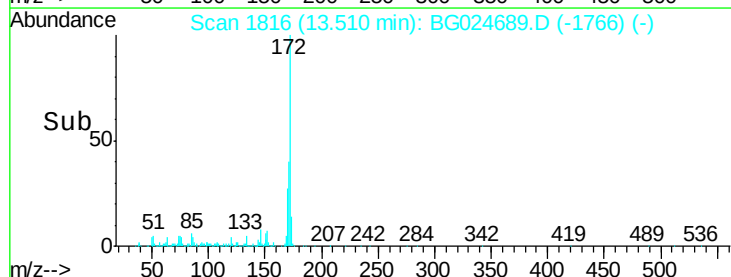
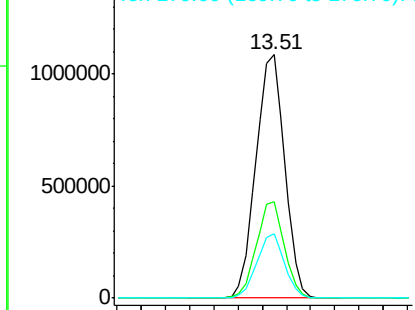


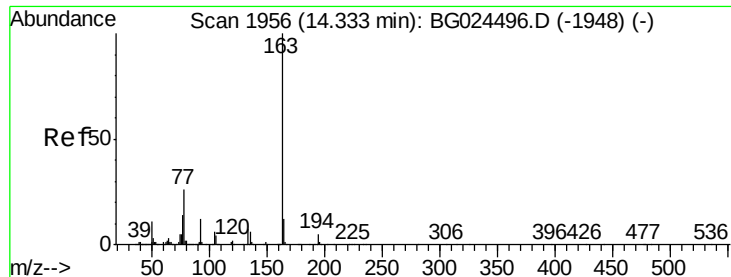
#44
2-Fluorobiphenyl
Concen: 99.57 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion:172 Resp: 1804026
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.6 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: 9.61 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_G

ClientSampleId :

S22-0018

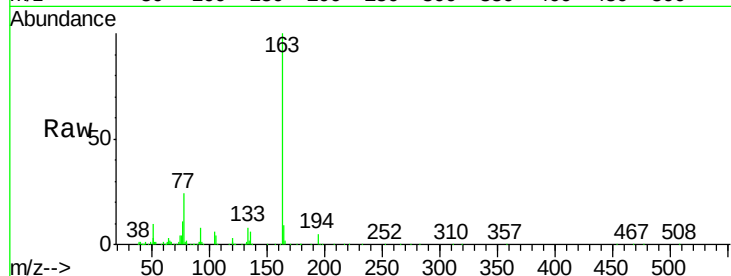
Tot Ion:163 Resp: 205439

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

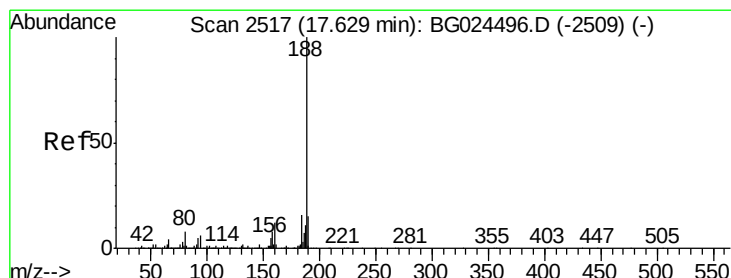
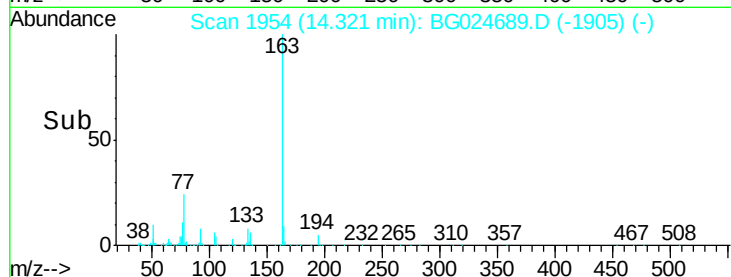
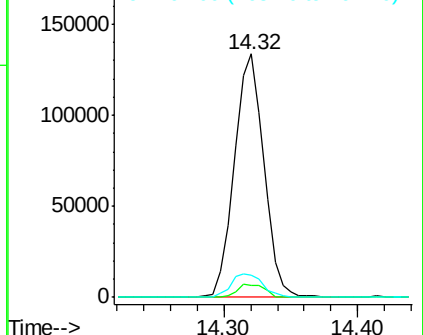
164 9.2 9.3 13.9#



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: BG024689.D

Acq: 4 Nov 2016 23:52

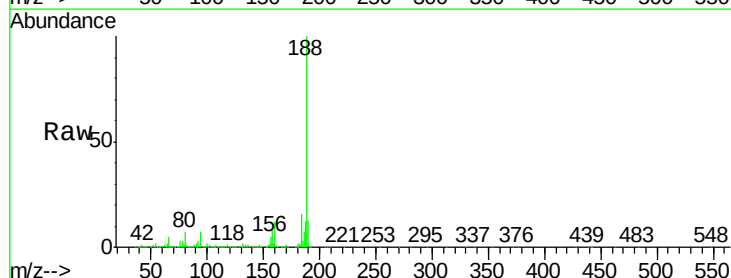
Tgt Ion:188 Resp: 719115

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

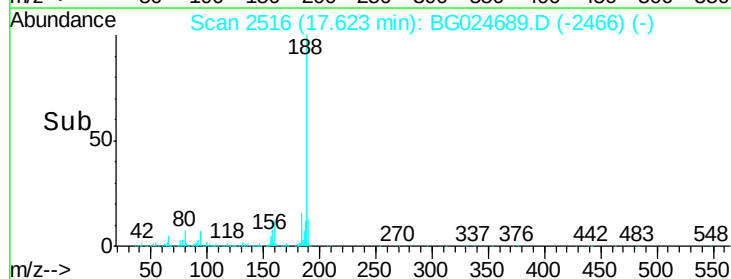
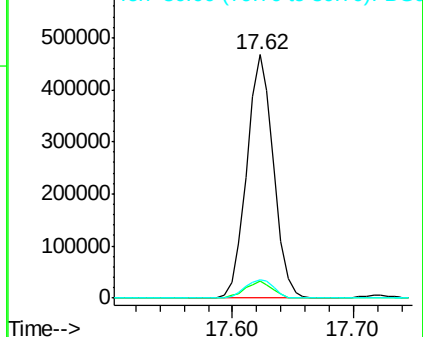
80 7.4 7.5 11.3#

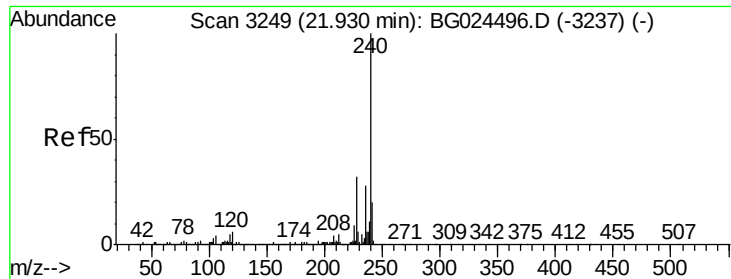


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

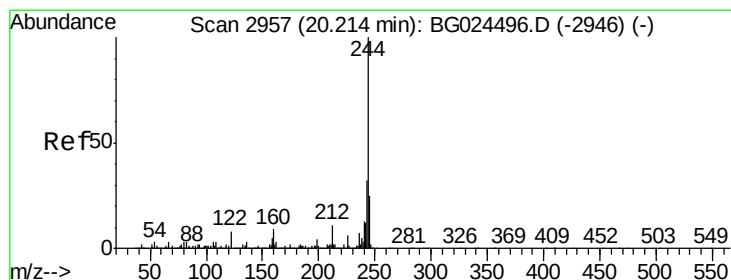
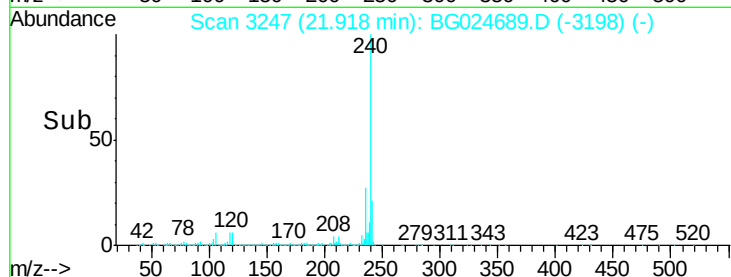
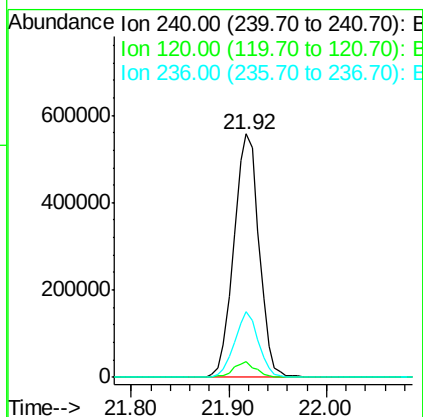
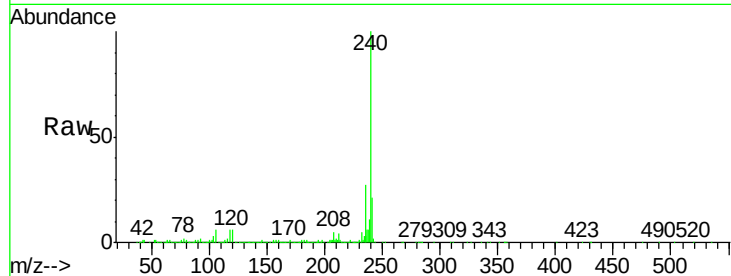




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

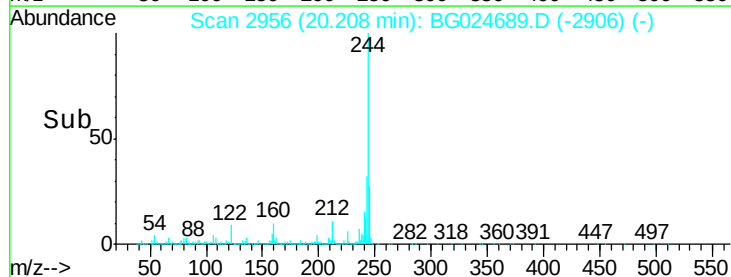
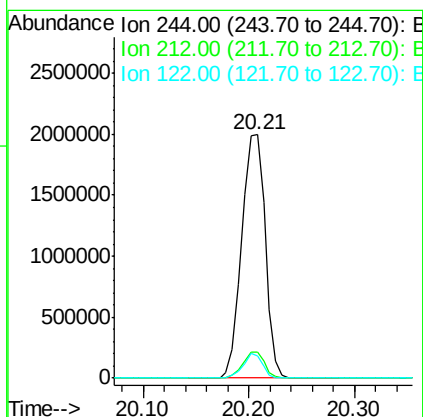
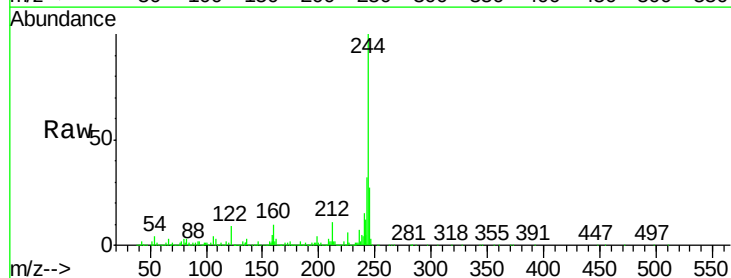
Instrument :
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S22-0018

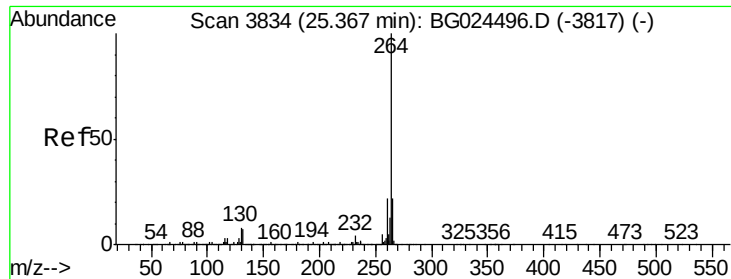
Tot Ion:240 Resp: 995561
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 27.2 22.2 33.4



#78
Terphenyl-d14
Concen: 92.55 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion:244 Resp: 3083424
Ion Ratio Lower Upper
244 100
212 10.7 10.0 15.0
122 9.3 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Instrument :
BNA_G
ClientSampleId :
S22-0018

Tot Ion:264 Resp: 1007169

Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	22.2	18.2	27.4

