

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024743.D
 Acq On : 8 Nov 2016 00:15
 Operator : UM/SJ
 Sample : H5543-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-110-21.5-22.0

Quant Time: Nov 08 02:49:46 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

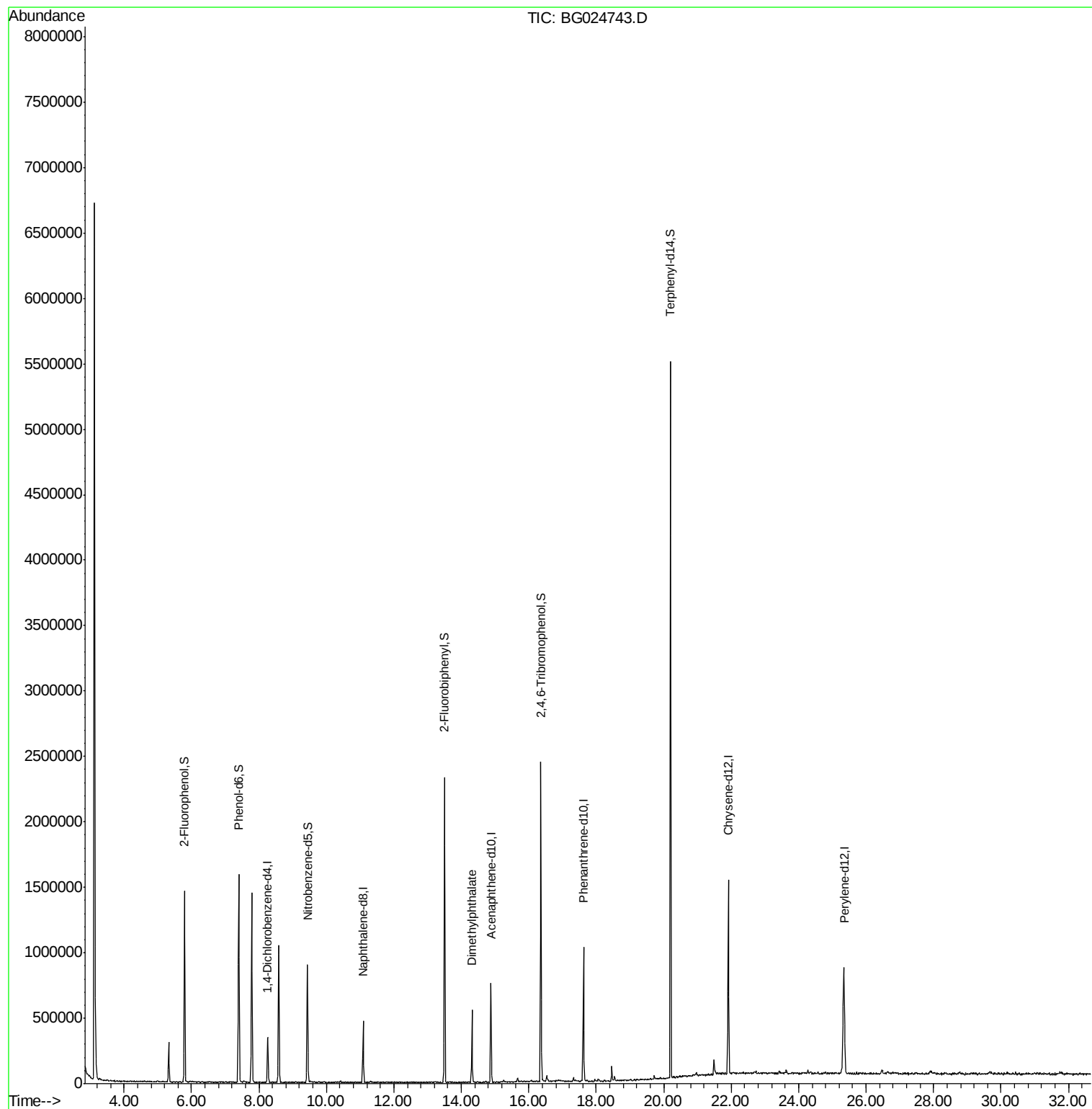
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	86012	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	365879	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	281649	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	658828	20.00	ng	0.00
75) Chrysene-d12	21.92	240	985200	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1027767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	582466	110.99	ng	0.00
7) Phenol-d6	7.40	99	821348	114.10	ng	0.00
23) Nitrobenzene-d5	9.44	82	554954	69.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	497360	118.20	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	1224412	72.26	ng	-0.01
78) Terphenyl-d14	20.20	244	2288382	69.41	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	344168	17.21	ng	95

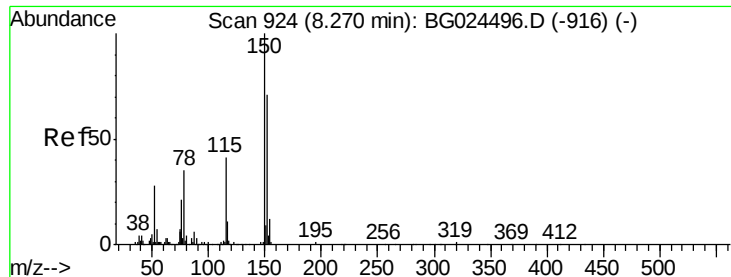
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024743.D

Acq: 8 Nov 2016 00:15

Instrument :

BNA_G

ClientSampleId :

SB-110-21.5-22.0

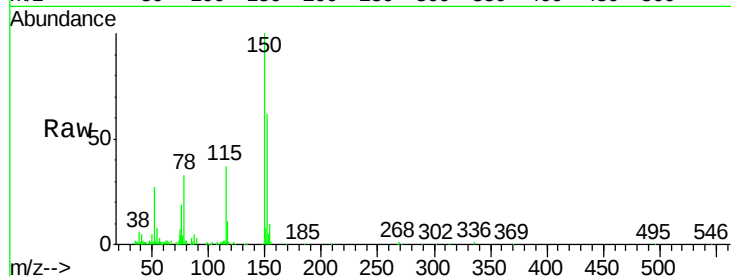
Tot Ion:152 Resp: 86012

Ion Ratio Lower Upper

152 100

150 161.5 114.0 171.0

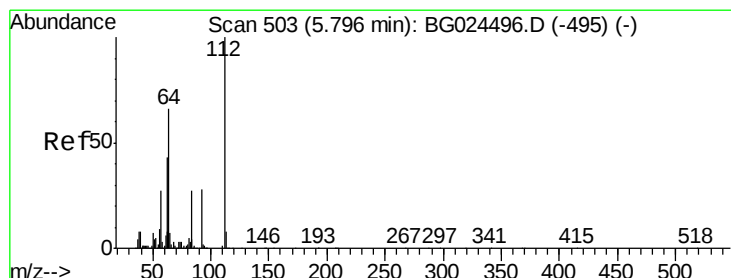
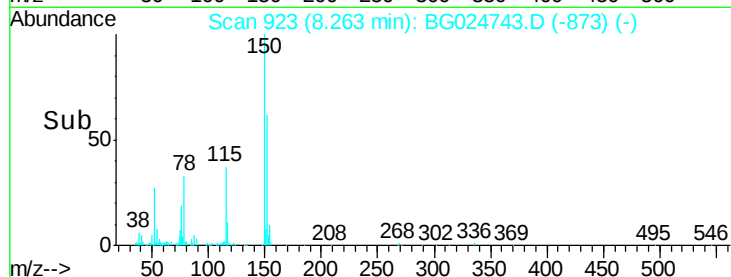
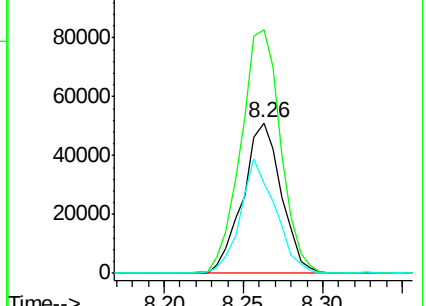
115 59.5 48.1 72.1



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: 110.99 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024743.D

Acq: 8 Nov 2016 00:15

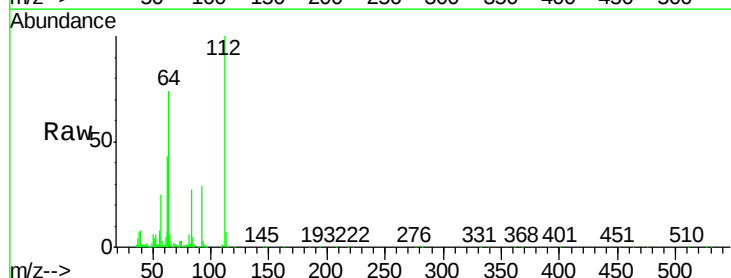
Tgt Ion:112 Resp: 582466

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

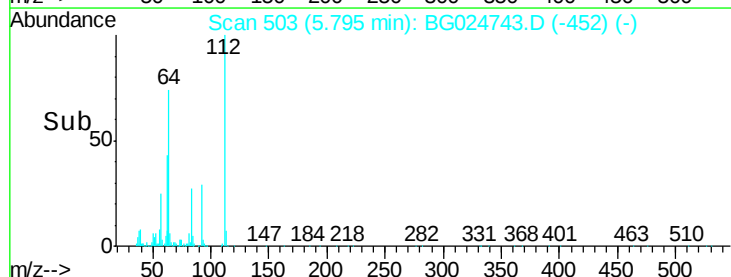
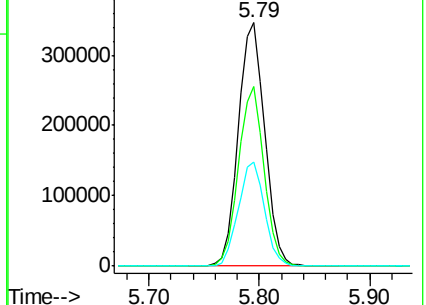
63 42.8 37.2 55.8

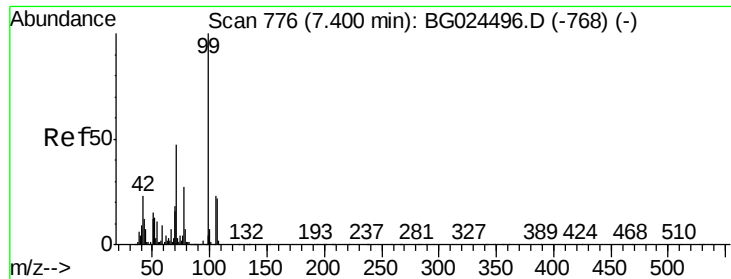


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.10 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024743.D

Acq: 8 Nov 2016 00:15

Instrument :

BNA_G

ClientSampleId :

SB-110-21.5-22.0

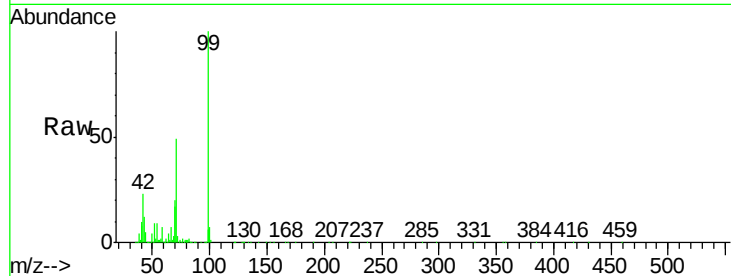
Tot Ion: 99 Resp: 821348

Ion Ratio Lower Upper

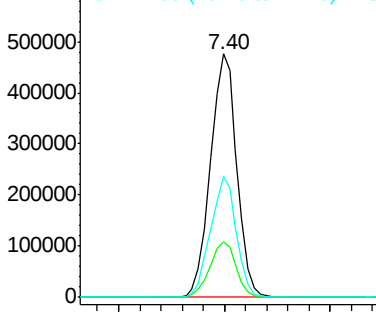
99 100

42 22.8 20.5 30.7

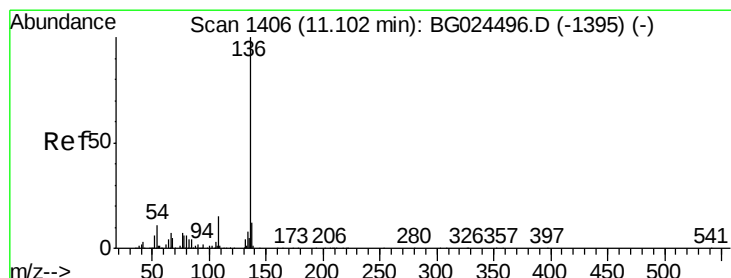
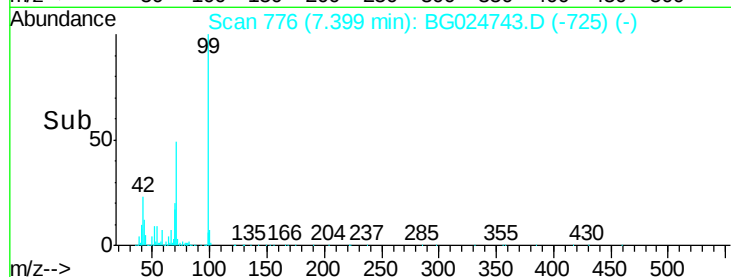
71 49.4 37.6 56.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024743.D

Acq: 8 Nov 2016 00:15

Tgt Ion: 136 Resp: 365879

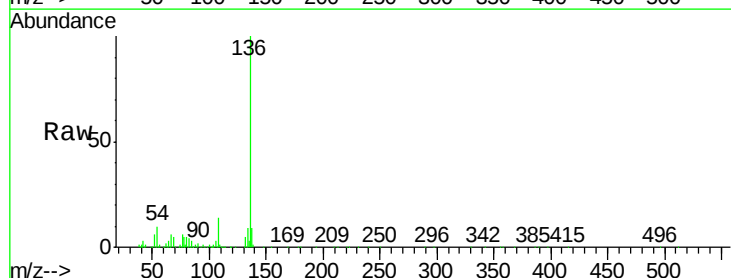
Ion Ratio Lower Upper

136 100

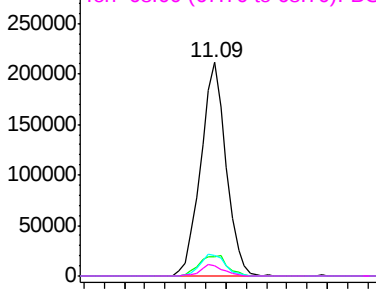
137 9.1 8.9 13.3

54 9.8 9.3 13.9

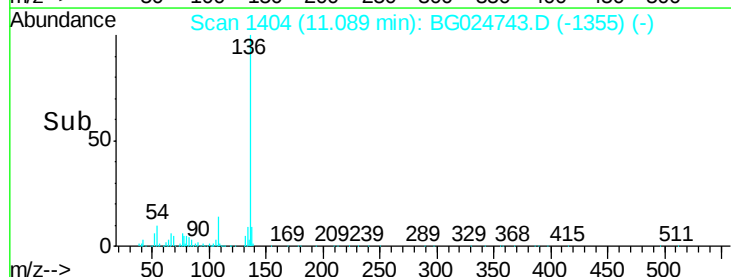
68 4.8 5.1 7.7#

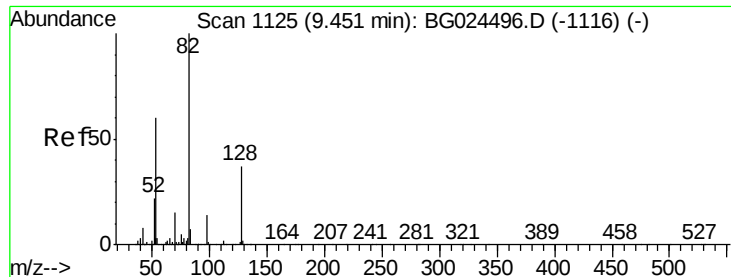


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

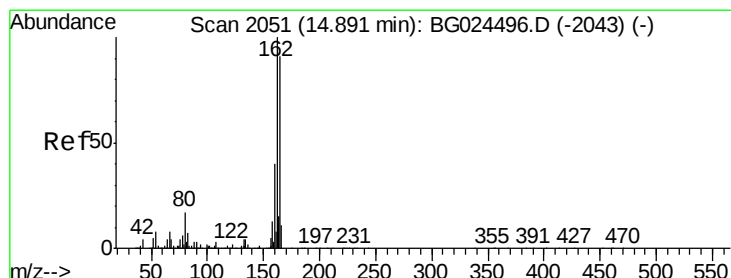
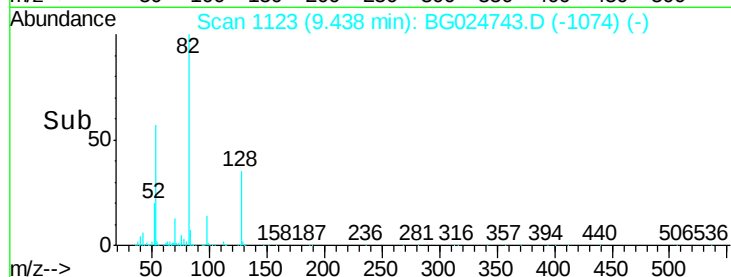
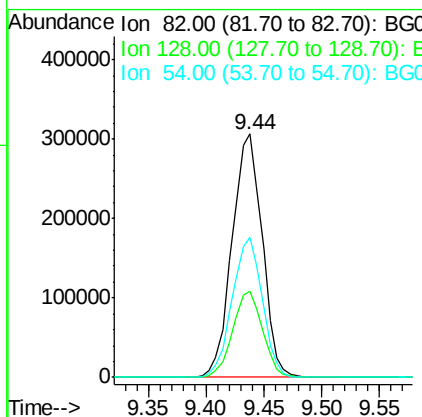
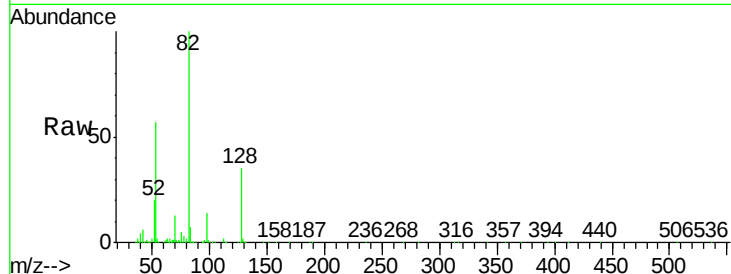




#23
 Nitrobenzene-d5
 Concen: 69.06 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024743.D
 Acq: 8 Nov 2016 00:15

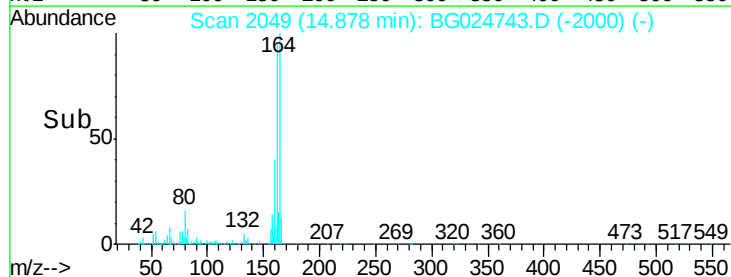
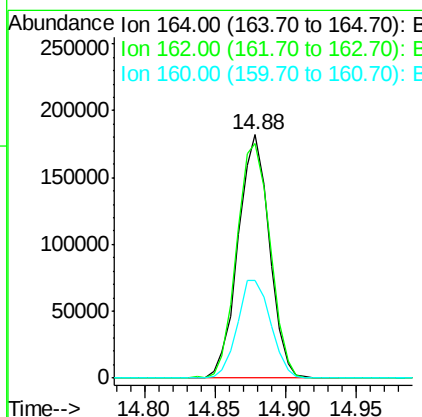
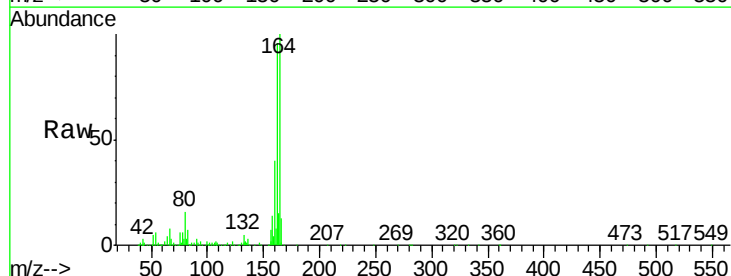
Instrument :
 BNA_G
 ClientSampleId :
 SB-110-21.5-22.0

Tot Ion	82	Resp	554954
Ion Ratio	100	Lower	Upper
128	35.4	26.4	39.6
54	57.3	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: BG024743.D
 Acq: 8 Nov 2016 00:15

Tgt Ion	164	Resp	281649
Ion Ratio	100	Lower	Upper
162	96.4	85.1	127.7
160	40.4	34.7	52.1

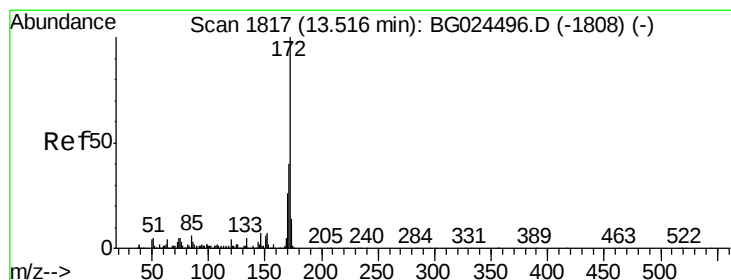
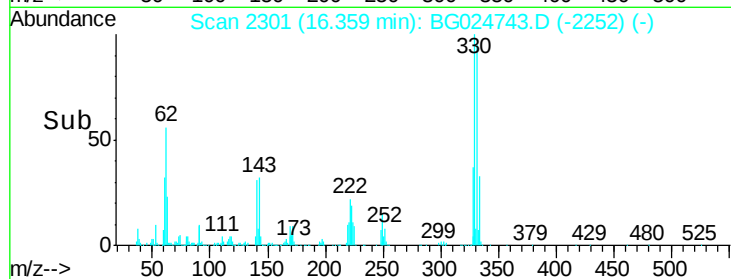
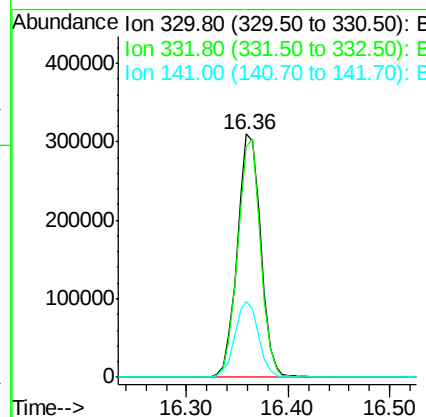
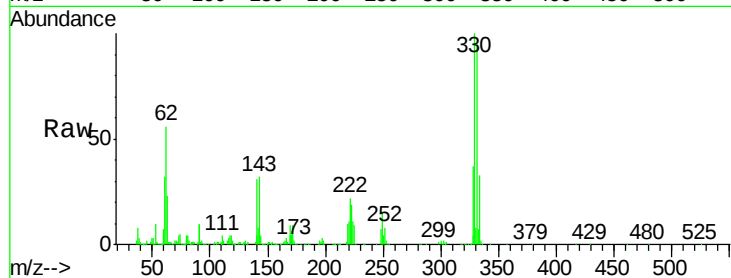




#41
 2,4,6-Tribromophenol
 Concen: 118.20 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG024743.D
 Acq: 8 Nov 2016 00:15

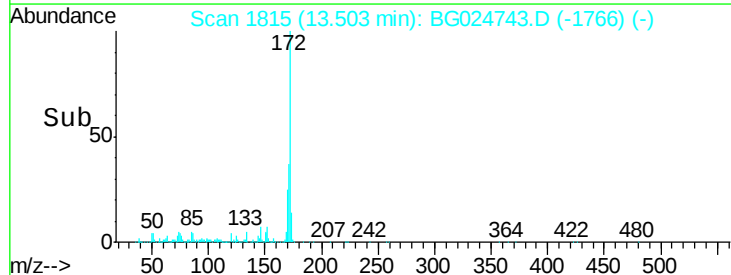
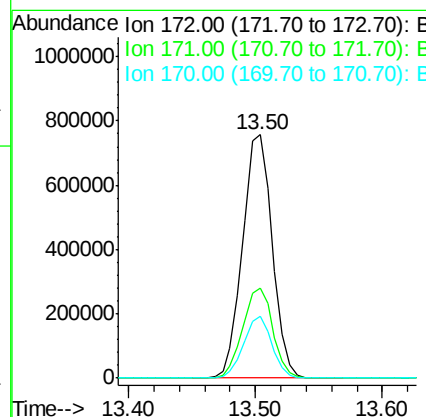
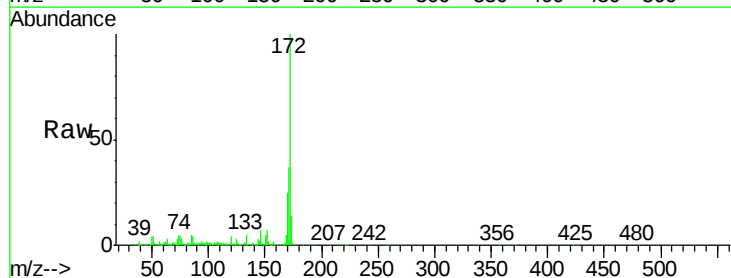
Instrument :
 BNA_G
 ClientSampleId :
 SB-110-21.5-22.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	31.3	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 72.26 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024743.D
 Acq: 8 Nov 2016 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	25.3	21.8	32.6





#49

Dimethylphthalate

Concen: 17.21 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG024743.D

Acq: 8 Nov 2016 00:15

Instrument :

BNA_G

ClientSampleId :

SB-110-21.5-22.0

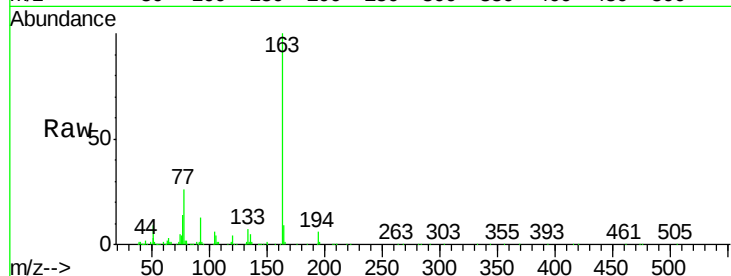
Tot Ion:163 Resp: 344168

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.6

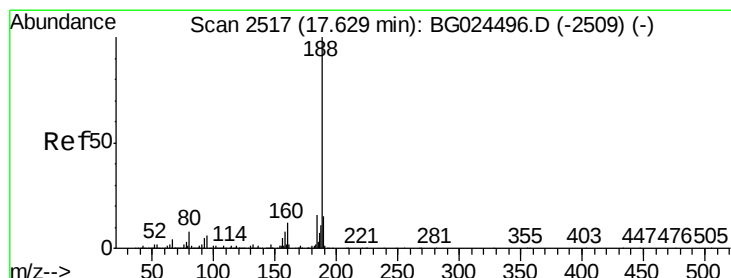
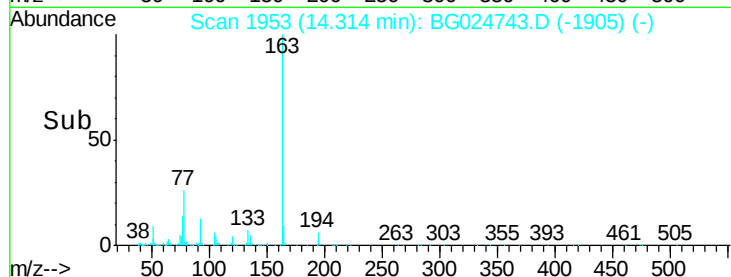
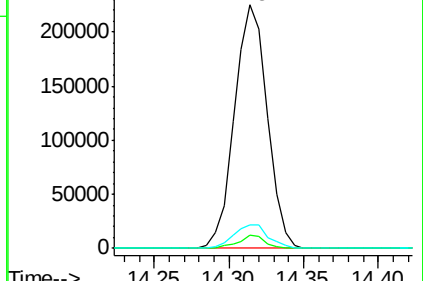
164 9.5 9.3 13.9



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: BG024743.D

Acq: 8 Nov 2016 00:15

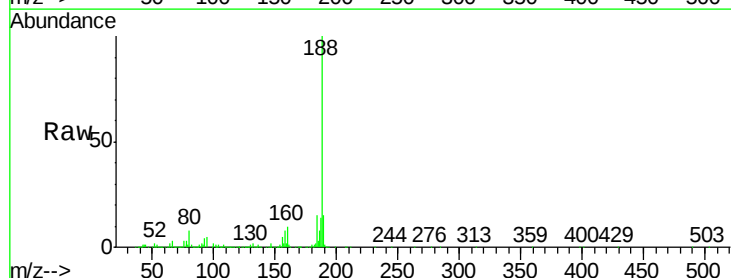
Tgt Ion:188 Resp: 658828

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

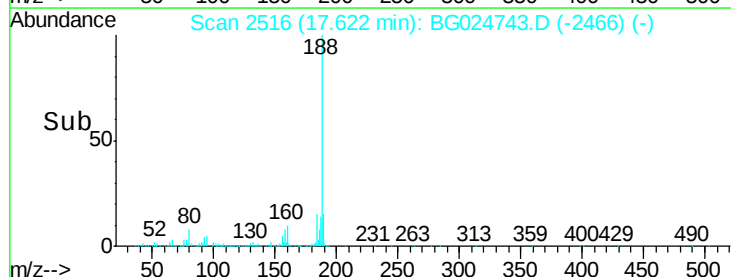
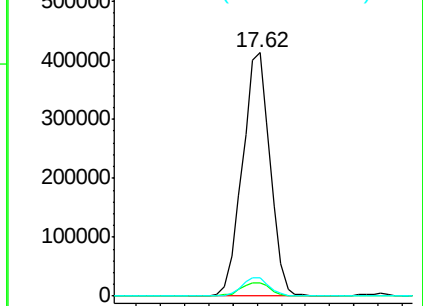
80 7.6 7.5 11.3

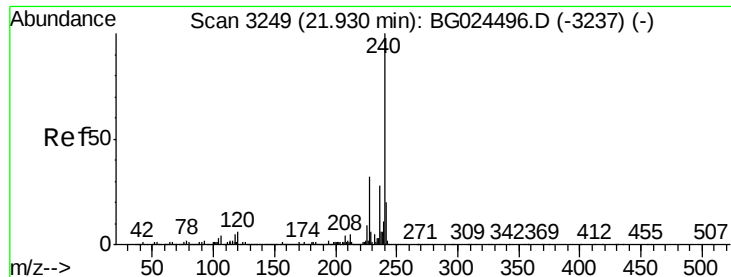


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

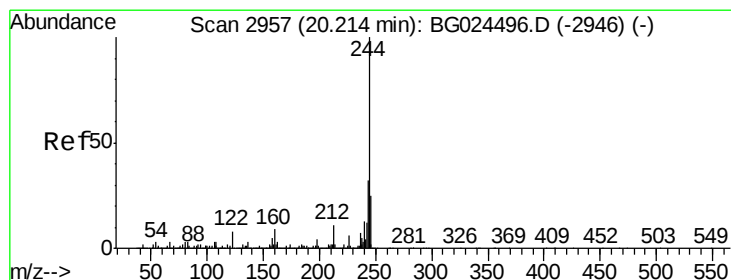
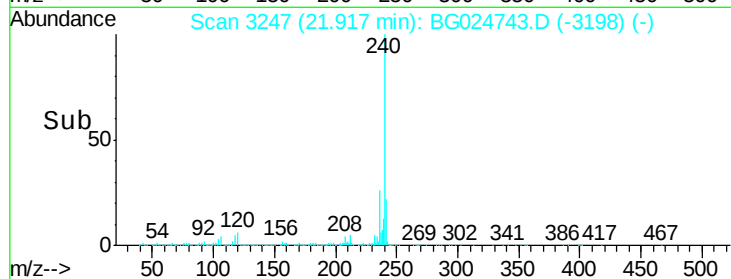
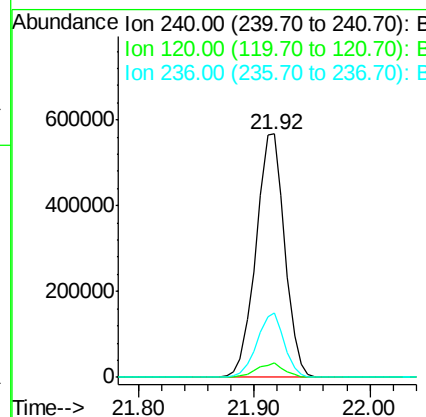
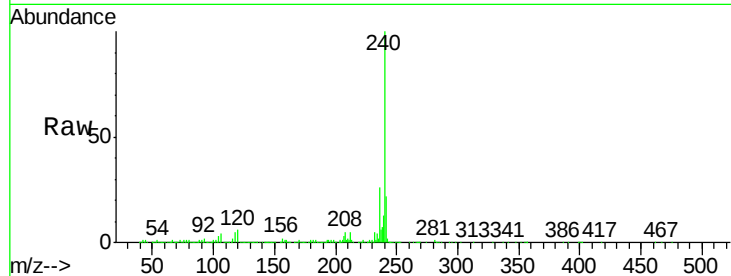




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024743.D
 Acq: 8 Nov 2016 00:15

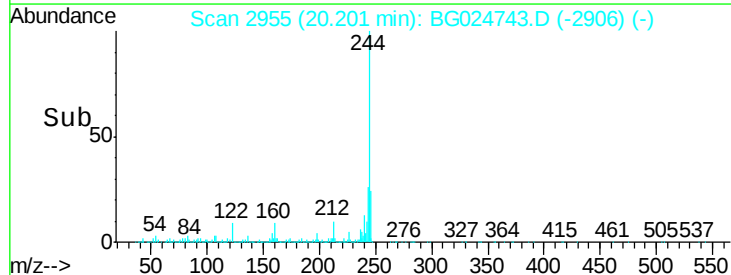
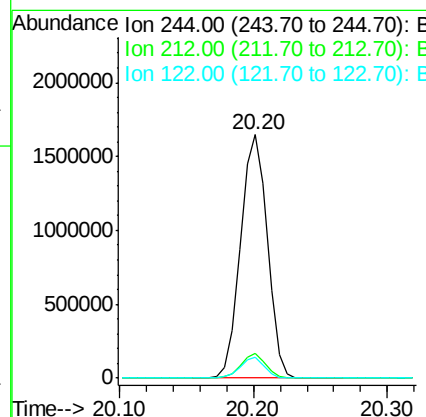
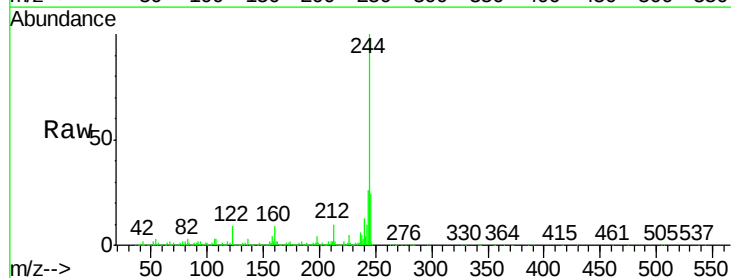
Instrument :
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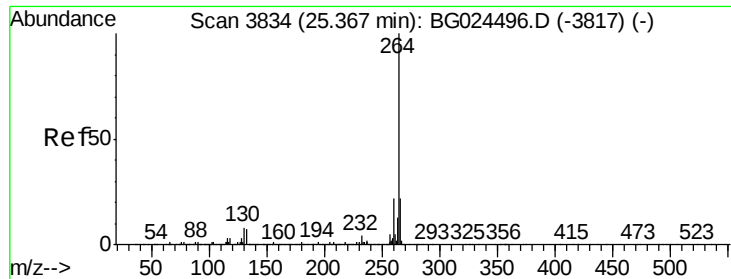
Tot Ion:240 Resp: 985200
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.7 8.5
 236 26.3 22.2 33.4



#78
 Terphenyl-d14
 Concen: 69.41 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024743.D
 Acq: 8 Nov 2016 00:15

Tgt Ion:244 Resp: 2288382
 Ion Ratio Lower Upper
 244 100
 212 9.9 10.0 15.0#
 122 8.7 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: BG024743.D
Acq: 8 Nov 2016 00:15

Instrument :
BNA_G
ClientSampleId :
SB-110-21.5-22.0

Tot Ion:264 Resp: 1027767

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.2	18.2	27.4

