

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024720.D
 Acq On : 5 Nov 2016 19:47
 Operator : UM/SJ
 Sample : PB94545BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BL

Quant Time: Nov 06 23:50:34 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	98074	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	389115	20.00	ng	-0.01
38) Acenaphthene-d10	14.89	164	311049	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	759077	20.00	ng	0.00
75) Chrysene-d12	21.92	240	996725	20.00	ng	-0.01
86) Perylene-d12	25.36	264	1011243	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	747558	124.93	ng	0.00
7) Phenol-d6	7.41	99	1060796	129.24	ng	0.00
23) Nitrobenzene-d5	9.44	82	721664	84.44	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	617940	132.98	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1527715	81.63	ng	-0.01
78) Terphenyl-d14	20.20	244	2861398	85.78	ng	-0.01

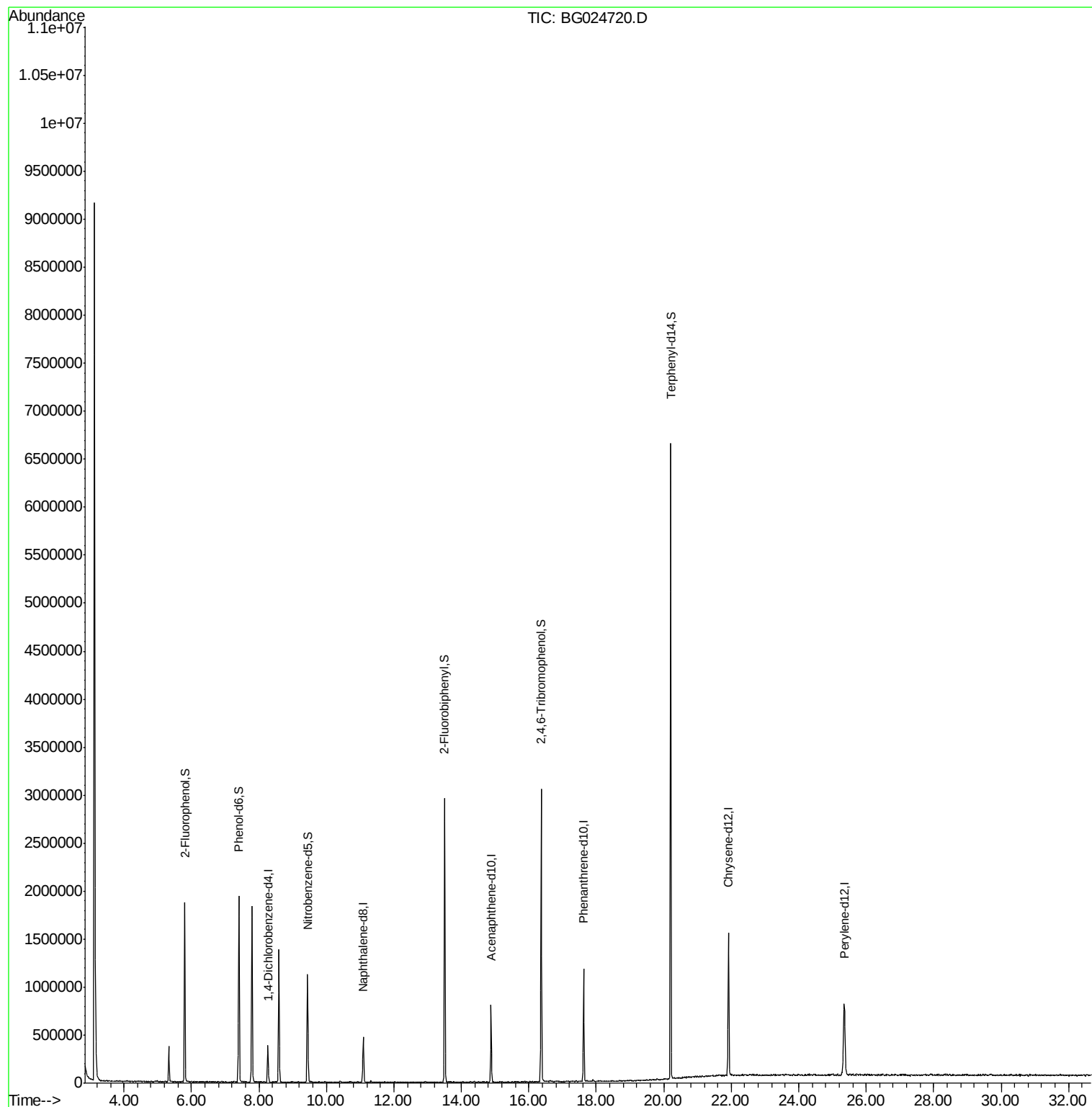
Target Compounds Qvalue

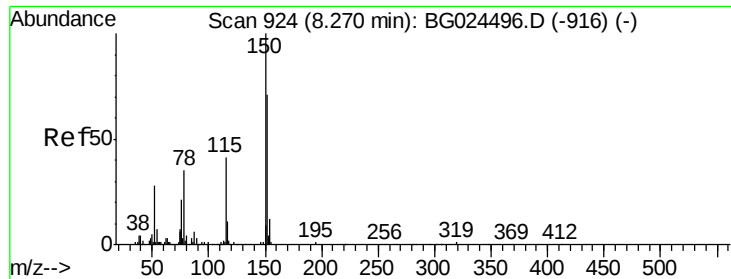
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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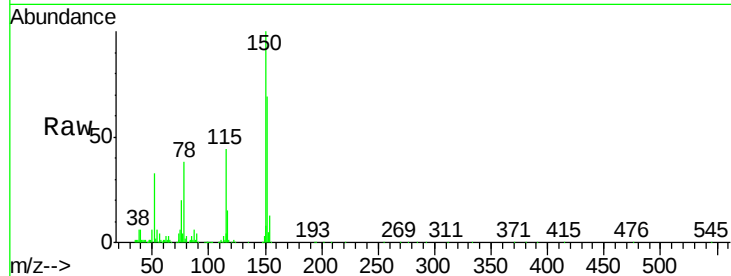


#1

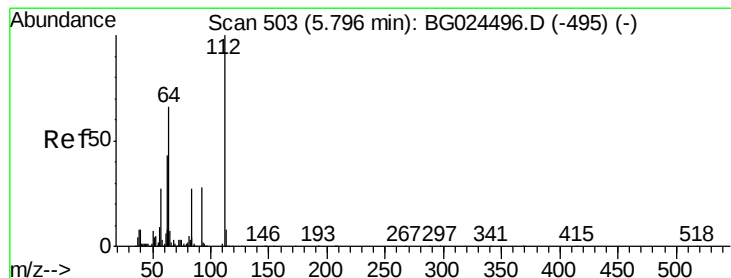
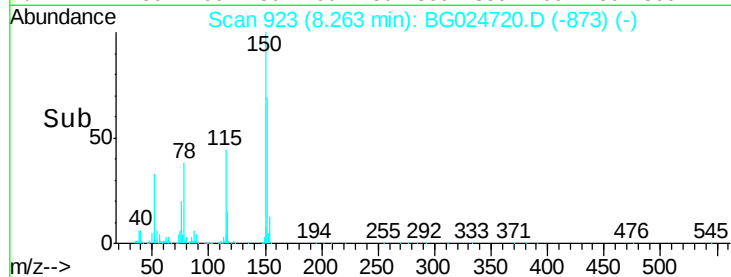
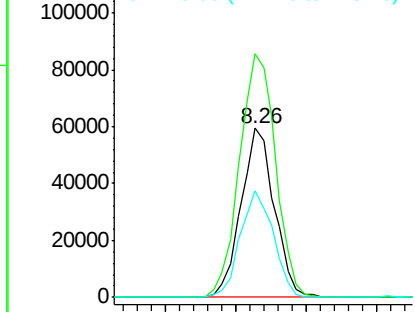
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024720.D
Acq: 5 Nov 2016 19:47

Instrument :
BNA_G
ClientSampled :
PB94545BL

Tot Ion	152	Resp	98074
Ion Ratio	Lower	Upper	
152	100		
150	144.2	114.0	171.0
115	63.5	48.1	72.1



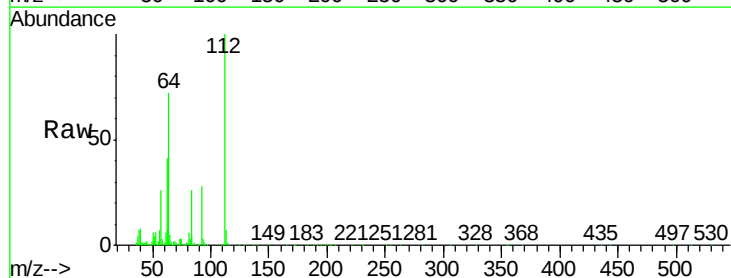
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



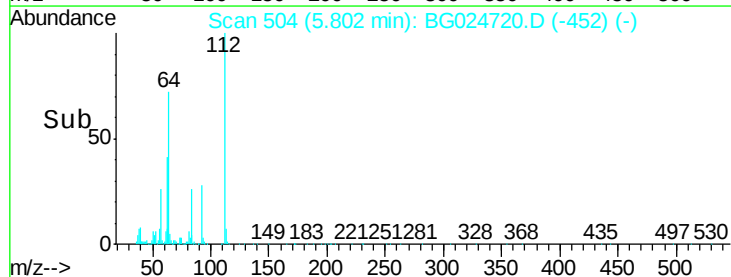
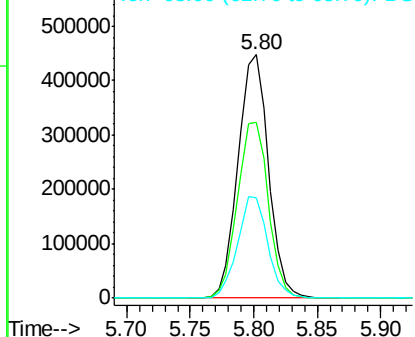
#5

2-Fluorophenol
Concen: 124.93 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024720.D
Acq: 5 Nov 2016 19:47

Tgt Ion	112	Resp	747558
Ion Ratio	Lower	Upper	
112	100		
64	72.0	61.8	92.6
63	41.2	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: 129.24 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

PB94545BL

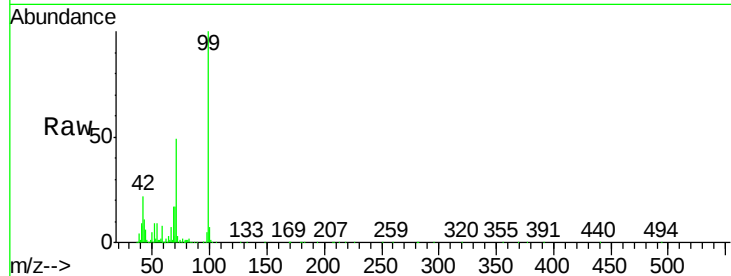
Tot Ion: 99 Resp: 1060796

Ion Ratio Lower Upper

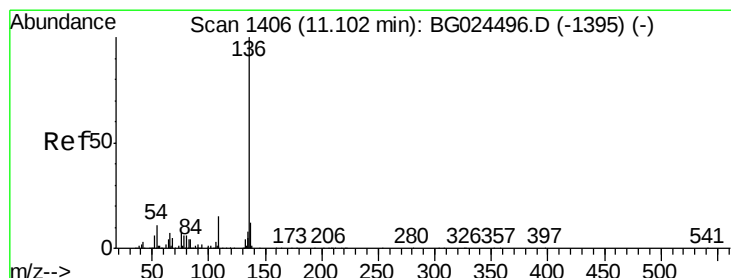
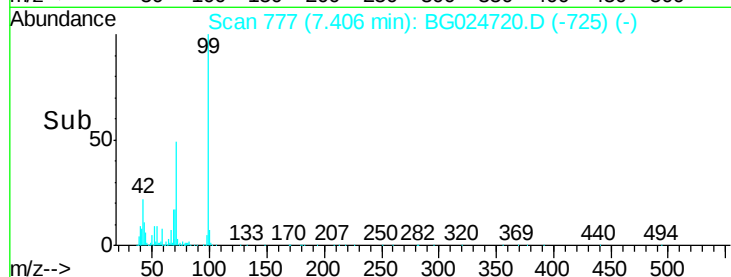
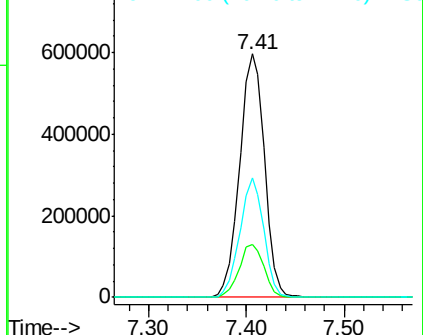
99 100

42 21.8 20.5 30.7

71 49.1 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: BG024720.D

Acq: 5 Nov 2016 19:47

Tgt Ion: 136 Resp: 389115

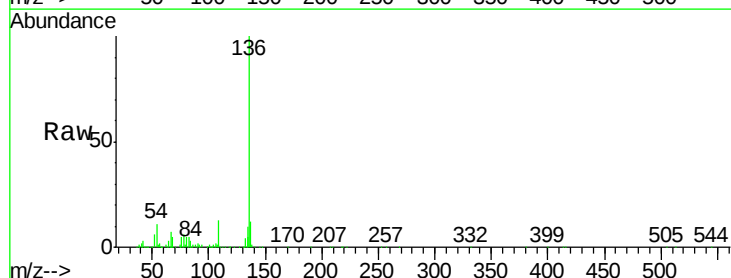
Ion Ratio Lower Upper

136 100

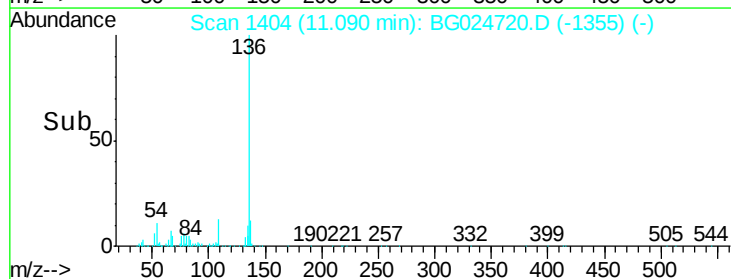
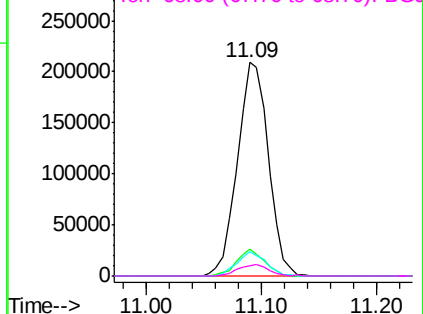
137 12.5 8.9 13.3

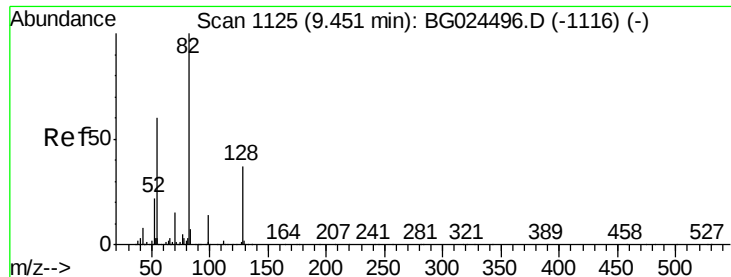
54 11.2 9.3 13.9

68 4.5 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: 84.44 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

PB94545BL

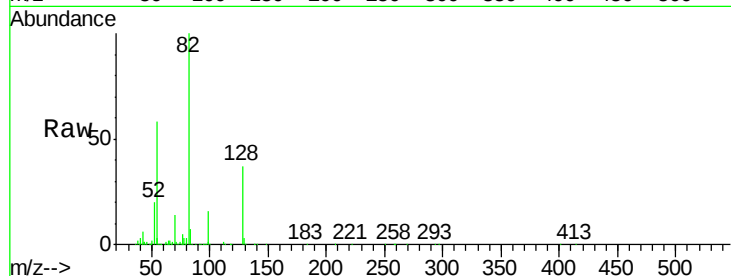
Tot Ion: 82 Resp: 721664

Ion Ratio Lower Upper

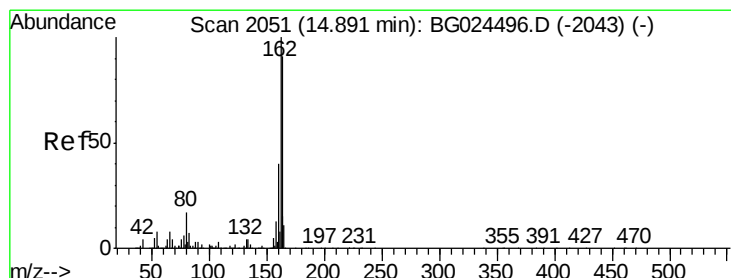
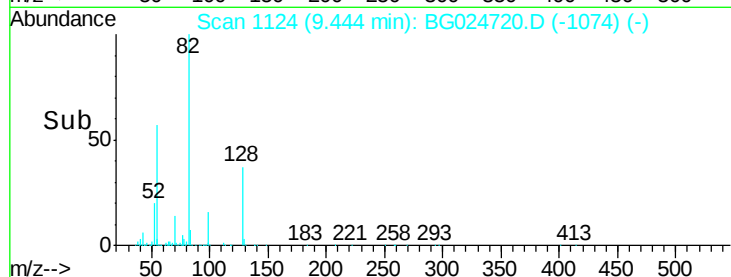
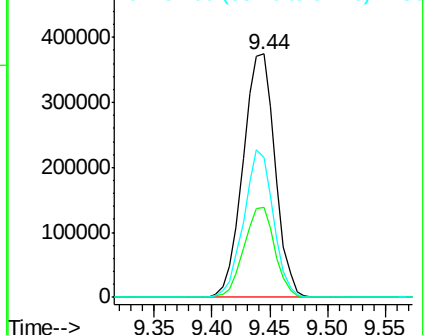
82 100

128 37.2 26.4 39.6

54 57.5 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: 14.89 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

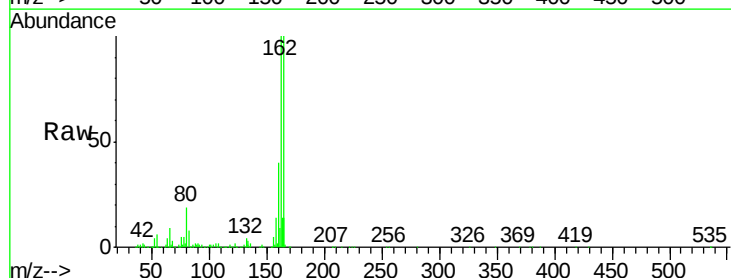
Tgt Ion:164 Resp: 311049

Ion Ratio Lower Upper

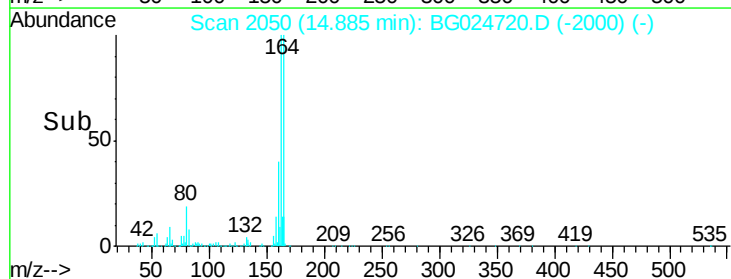
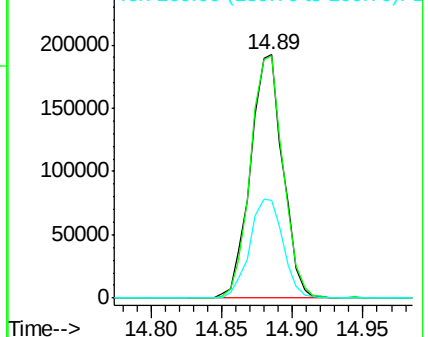
164 100

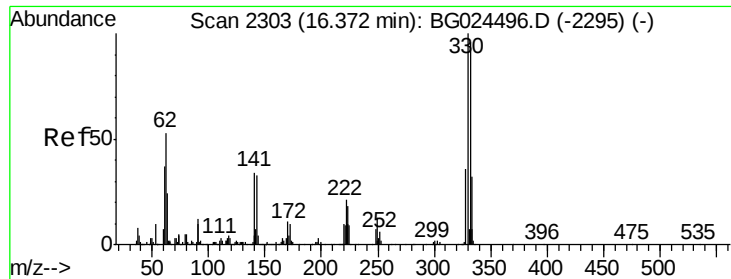
162 99.5 85.1 127.7

160 39.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

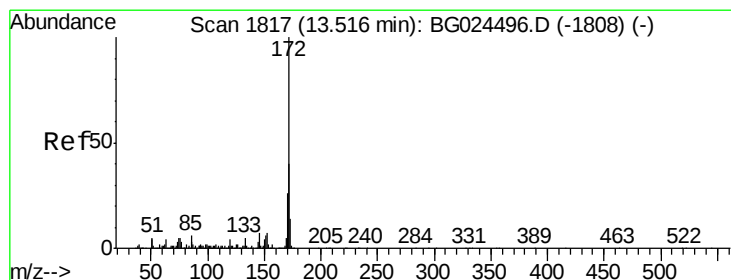
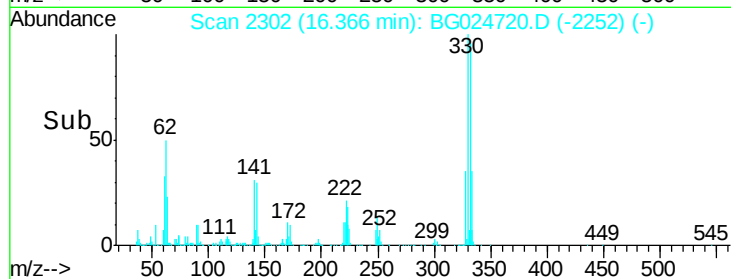
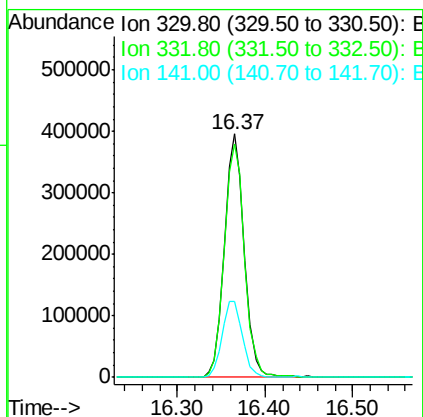
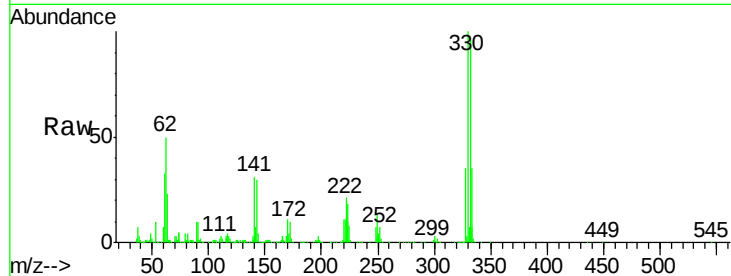




#41
 2,4,6-Tribromophenol
 Concen: 132.98 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024720.D
 Acq: 5 Nov 2016 19:47

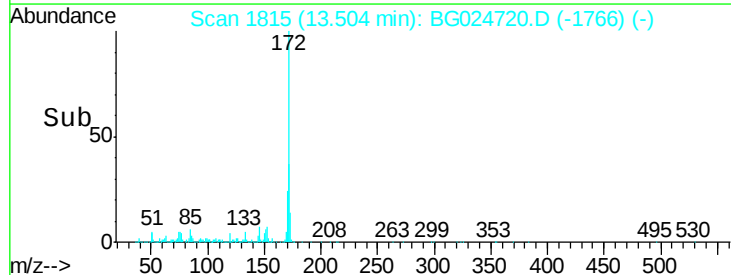
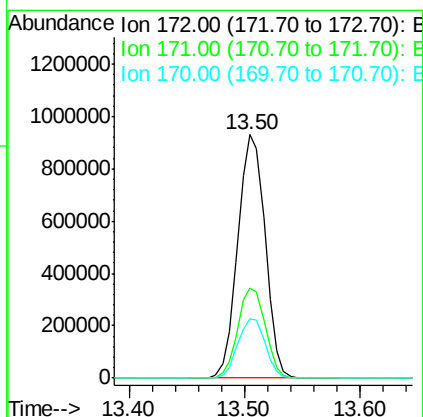
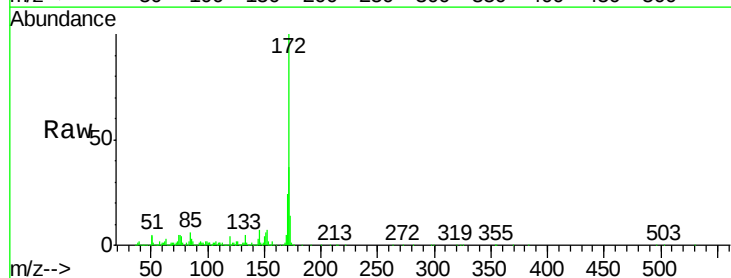
Instrument :
 BNA_G
 ClientSampled :
 PB94545BL

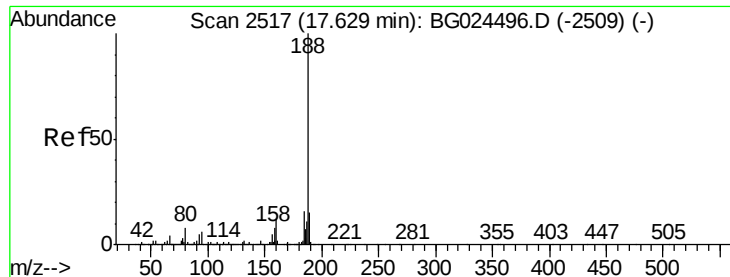
Tot Ion:330 Resp: 617940
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 32.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 81.63 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024720.D
 Acq: 5 Nov 2016 19:47

Tgt Ion:172 Resp: 1527715
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 24.3 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: BG024720.D

Acq: 5 Nov 2016 19:47

Instrument :

BNA_G

ClientSampleId :

PB94545BL

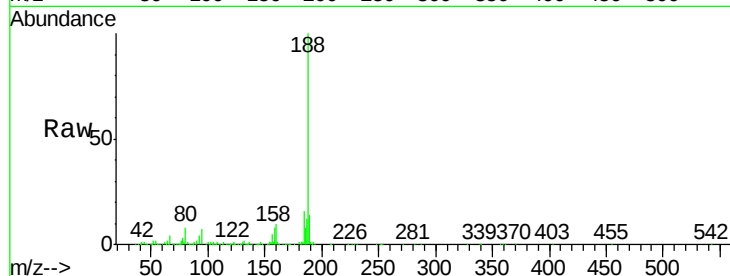
Tot Ion:188 Resp: 759077

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

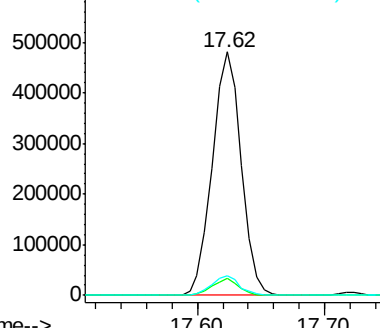
80 8.2 7.5 11.3



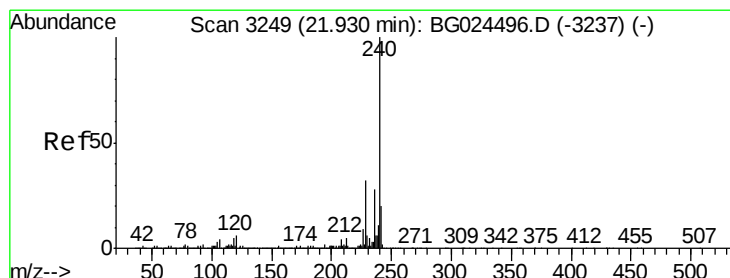
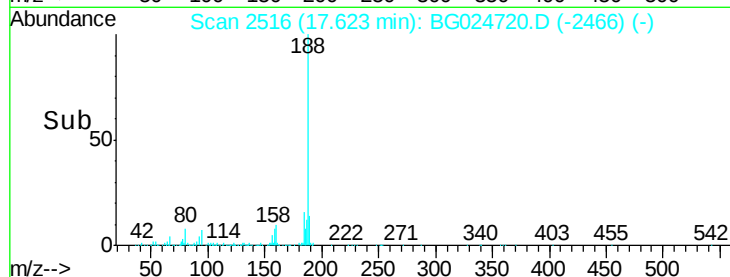
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

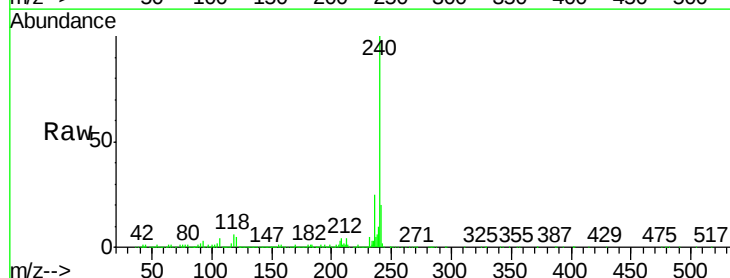
Tgt Ion:240 Resp: 996725

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

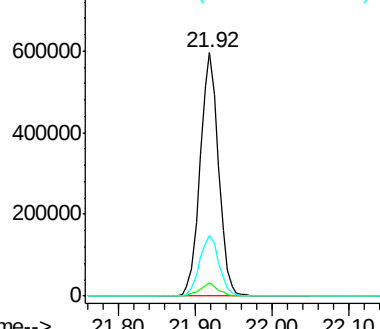
236 24.9 22.2 33.4



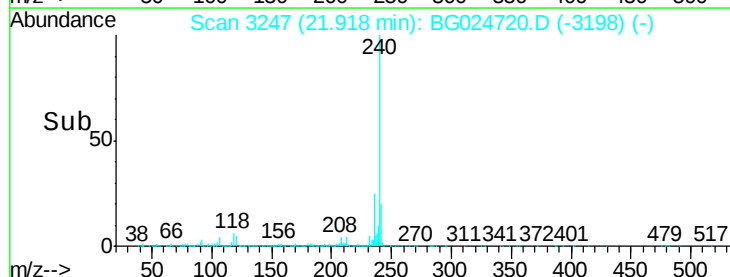
Abundance Ion 240.00 (239.70 to 240.70): E

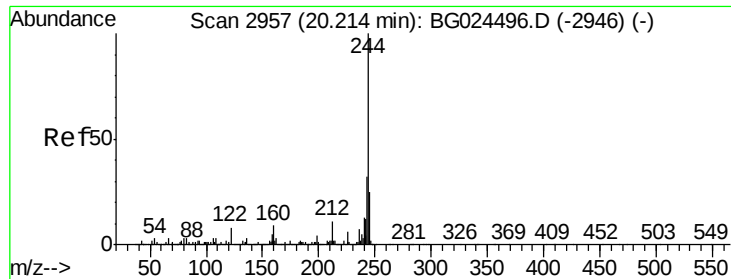
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 85.78 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

Instrument :

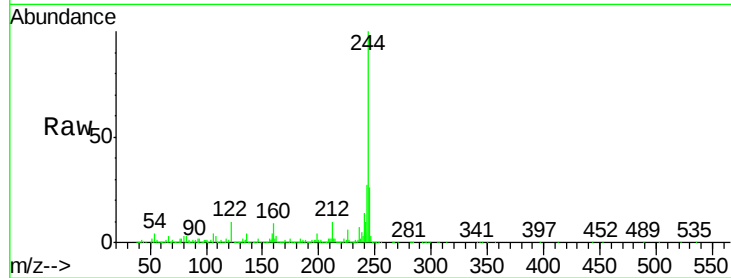
BNA_G

ClientSampleId :

PB94545BL

Tot Ion:244 Resp: 2861398

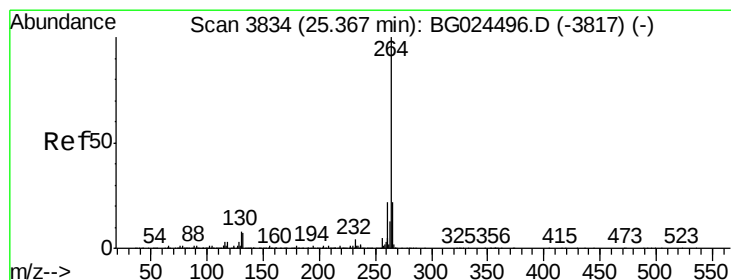
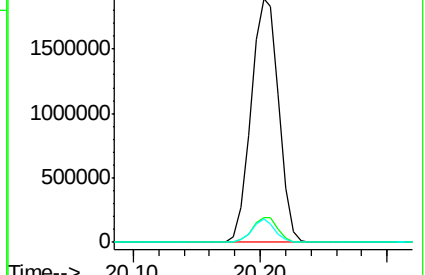
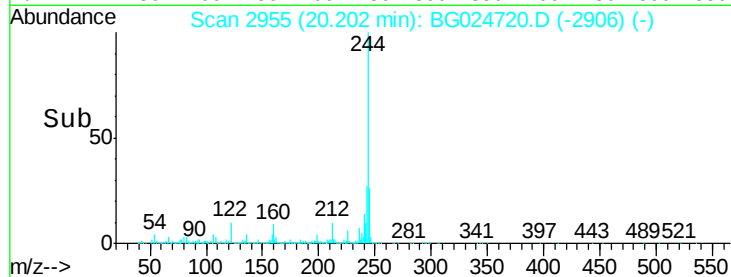
Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	9.6	8.6	12.8



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: 25.36 min Scan# 3832

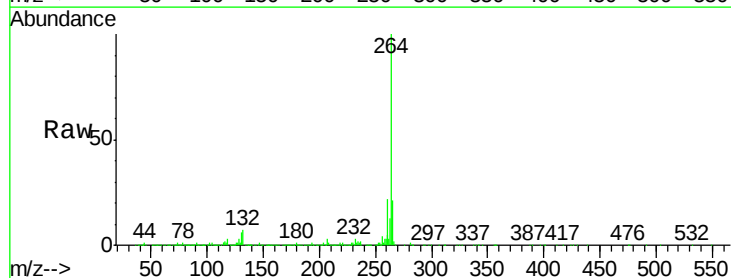
Delta R.T. -0.01 min

Lab File: BG024720.D

Acq: 5 Nov 2016 19:47

Tgt Ion:264 Resp: 1011243

Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	21.0	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

