

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030724.D
 Acq On : 4 Nov 2017 6:16
 Operator : SJ/JU
 Sample : I6289-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110217

Quant Time: Nov 04 11:12:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

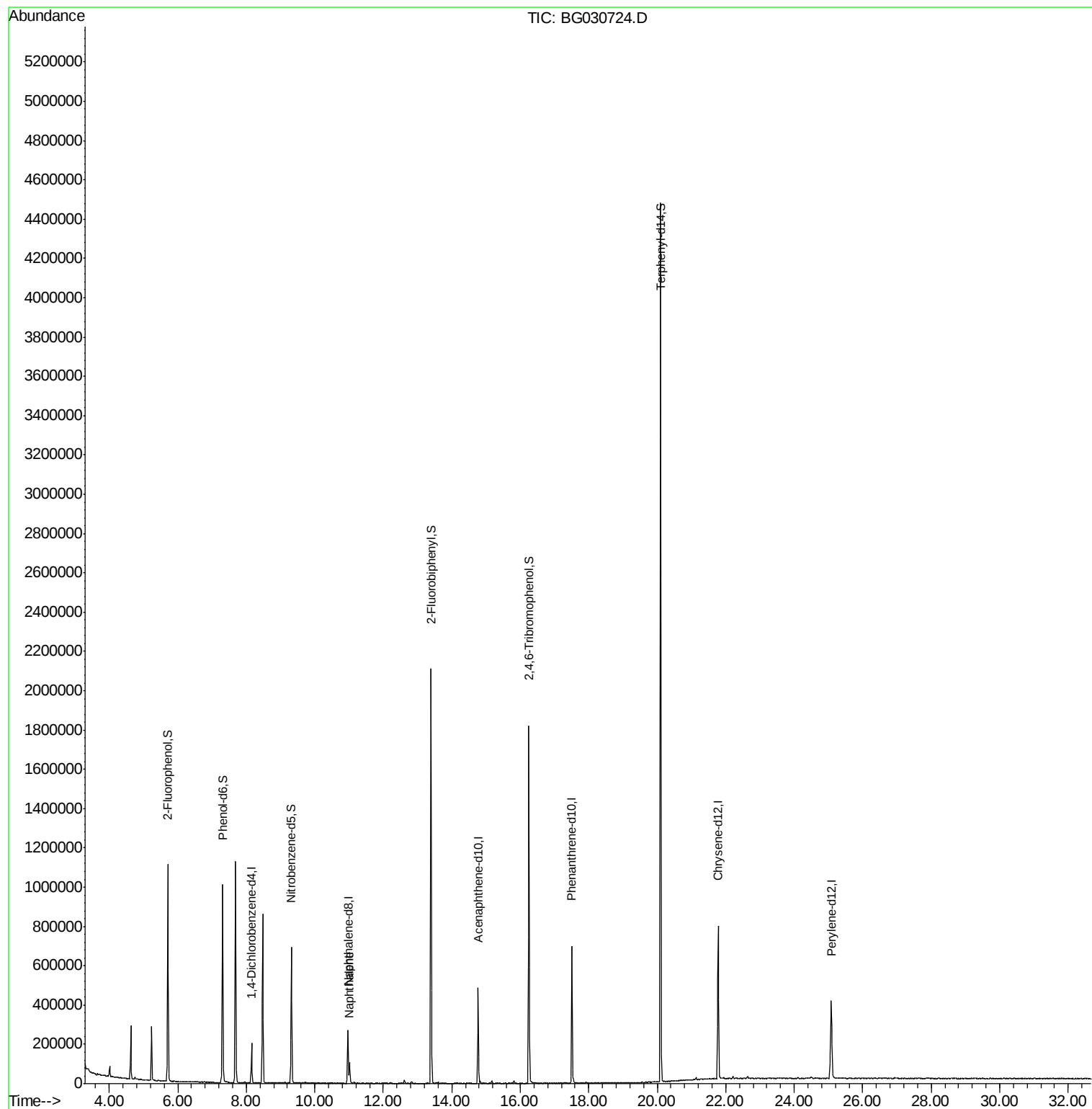
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57579	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	257907	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	176360	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	446538	20.00	ng	0.00
75) Chrysene-d12	21.78	240	499028	20.00	ng	0.00
86) Perylene-d12	25.08	264	414631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	497839	144.44	ng	0.00
7) Phenol-d6	7.31	99	634058	131.06	ng	0.00
23) Nitrobenzene-d5	9.32	82	423264	104.29	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	386851	169.90	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1156567	96.18	ng	0.00
78) Terphenyl-d14	20.10	244	2067568	94.25	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	95425	7.424	ng	Qvalue 98

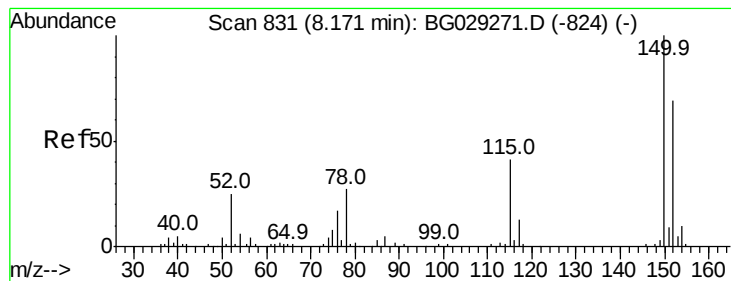
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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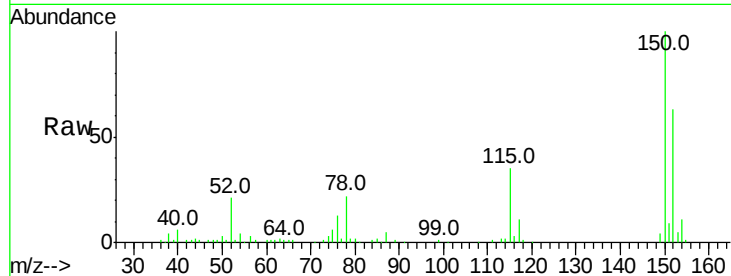


#1

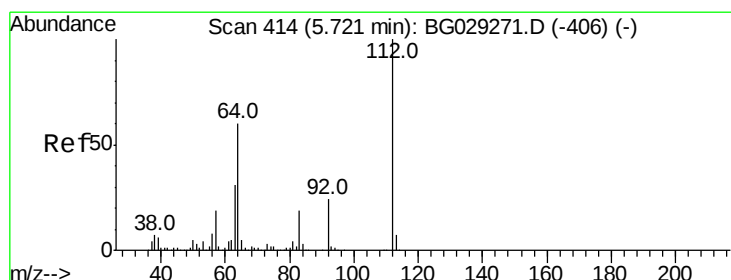
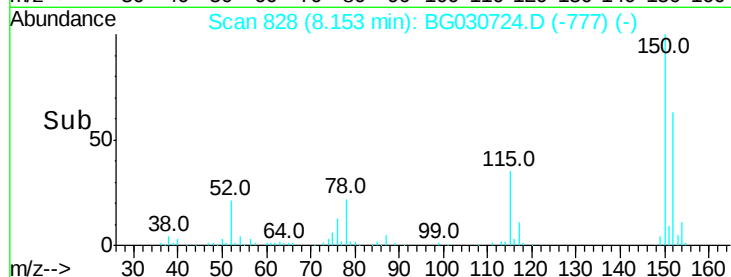
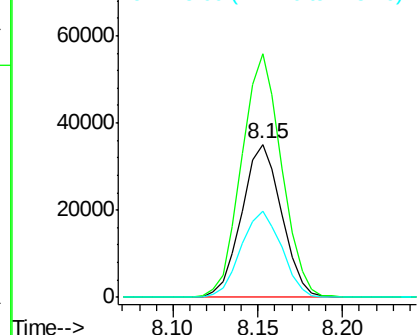
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

Instrument :
BNA_G
ClientSampleId :
SU-03-110217

Tot Ion:152 Resp: 57579
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 56.0 53.0 79.4



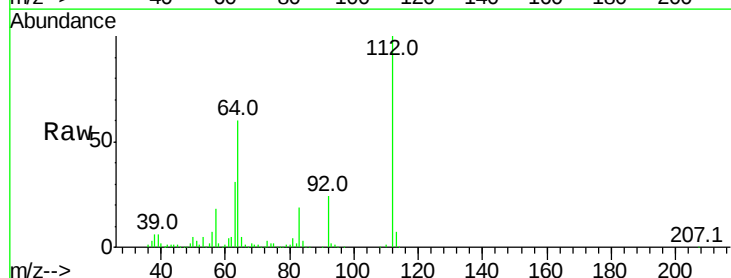
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



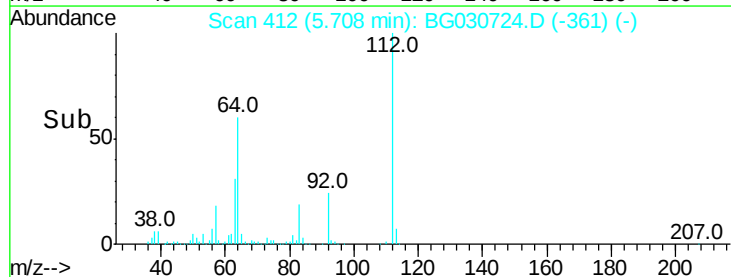
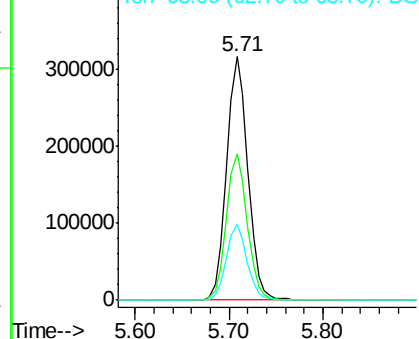
#5

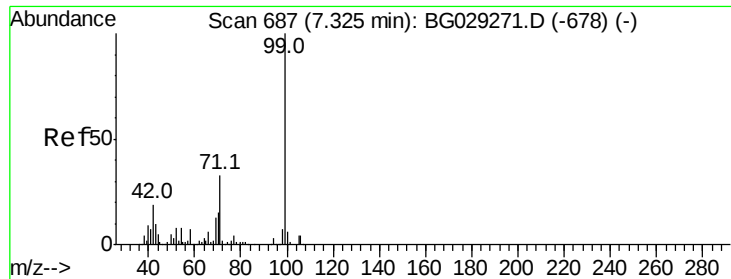
2-Fluorophenol
Concen: 144.439 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

Tgt Ion:112 Resp: 497839
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 31.0 30.1 45.1



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: 131.058 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

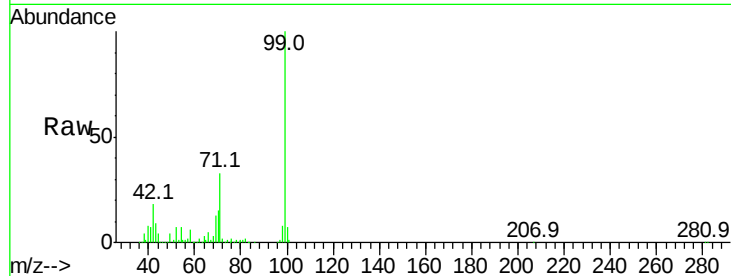
Tot Ion: 99 Resp: 634058

Ion Ratio Lower Upper

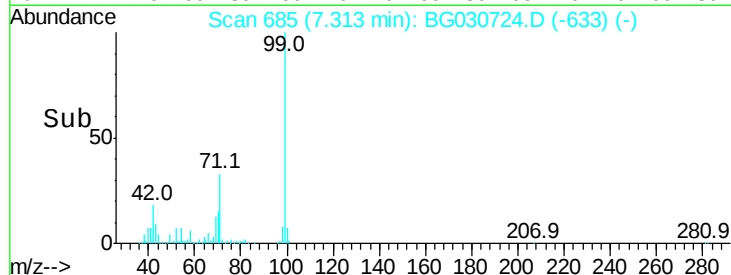
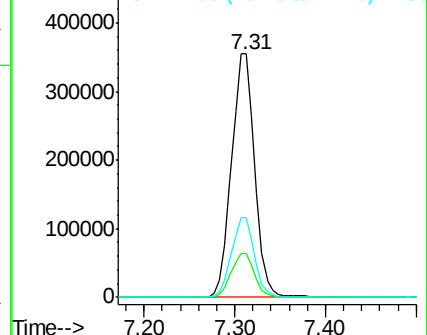
99 100

42 18.2 14.1 21.1

71 32.9 26.1 39.1



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: 20.000 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Tgt Ion: 136 Resp: 257907

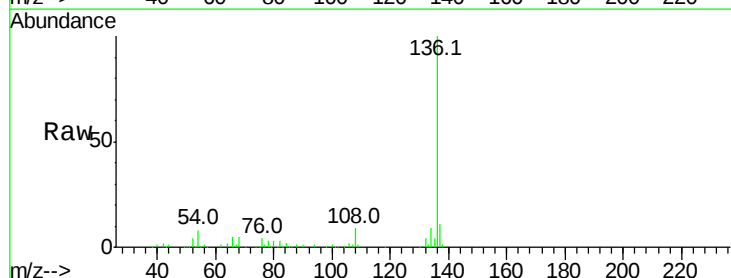
Ion Ratio Lower Upper

136 100

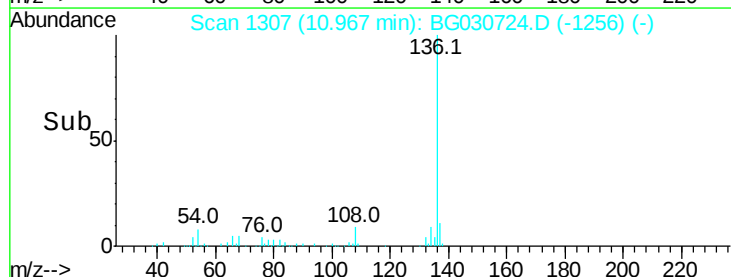
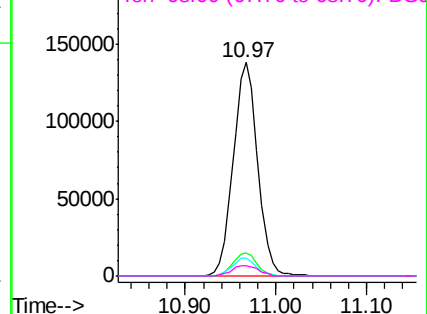
137 10.6 9.2 13.8

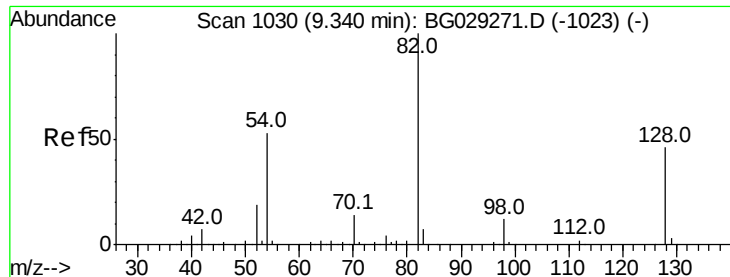
54 8.2 10.3 15.5#

68 5.1 4.5 6.7



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: 104.291 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

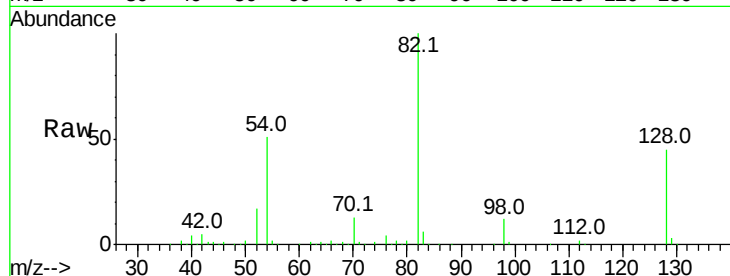
Tot Ion: 82 Resp: 423264

Ion Ratio Lower Upper

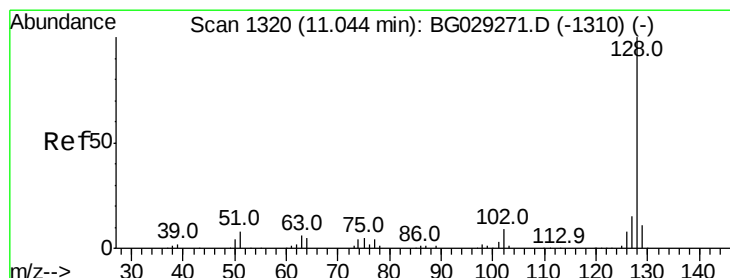
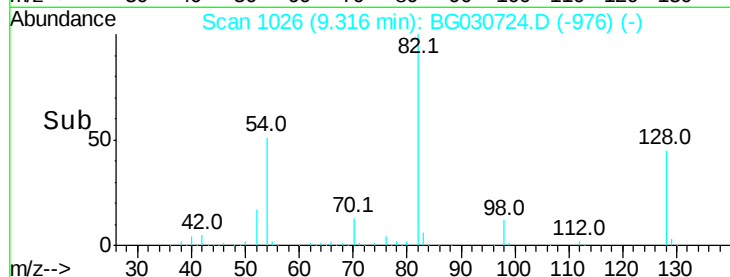
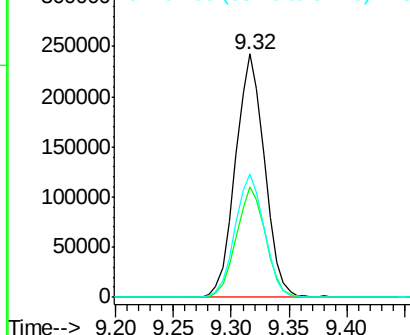
82 100

128 45.2 29.7 44.5#

54 50.6 43.1 64.7



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



#31

Naphthalene

Concen: 7.424 ng

RT: 11.01 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

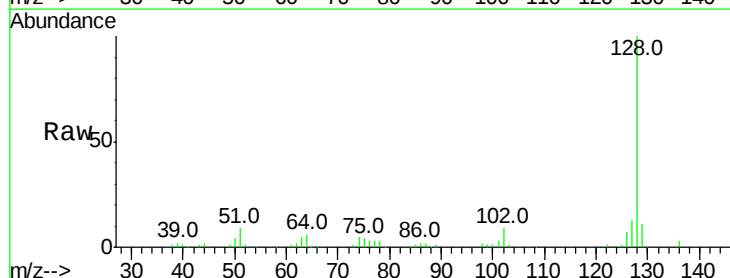
Tgt Ion:128 Resp: 95425

Ion Ratio Lower Upper

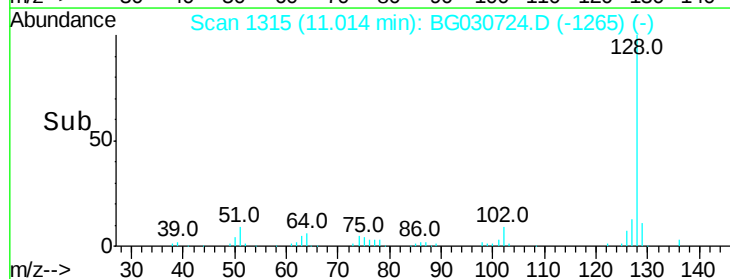
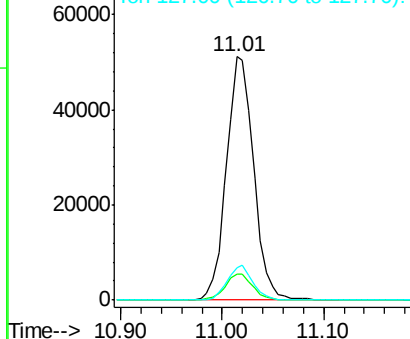
128 100

129 10.9 8.6 12.8

127 13.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

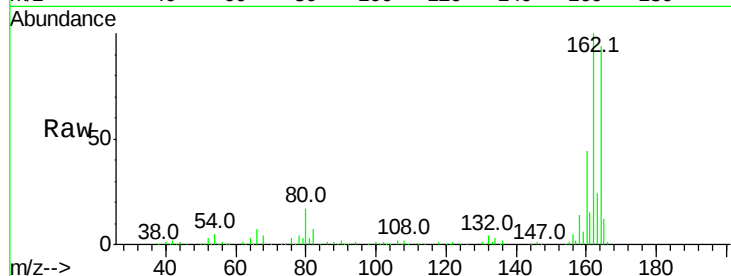
BNA_G

ClientSampleId :

SU-03-110217

Tot Ion:164 Resp: 176360

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	46.9	35.4	53.0

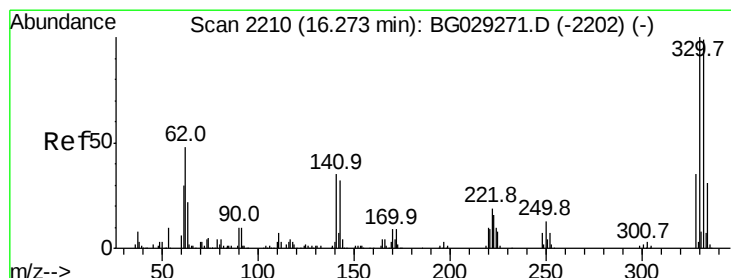
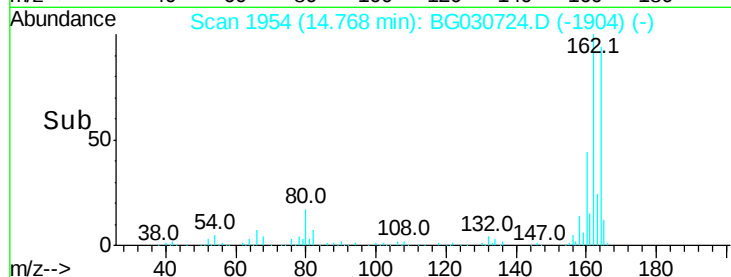
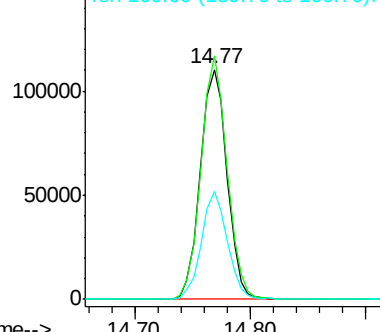


Abundance

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: 169.896 ng

RT: 16.25 min Scan# 2207

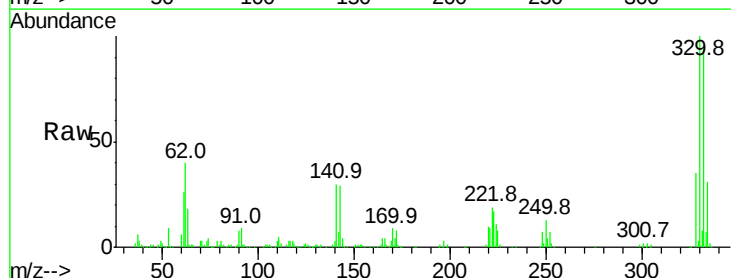
Delta R.T. -0.00 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Tgt Ion:330 Resp: 386851

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.2	25.2	37.8

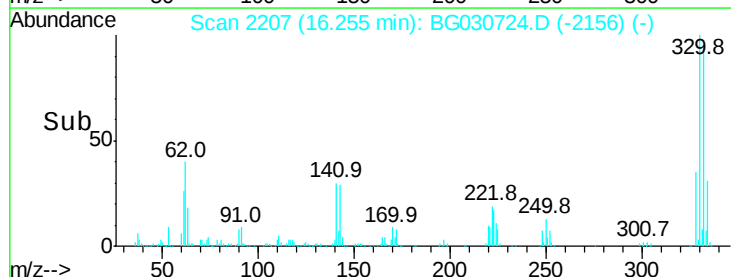
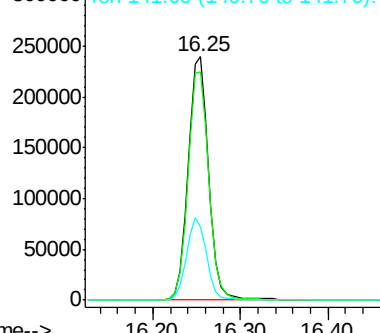


Abundance

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



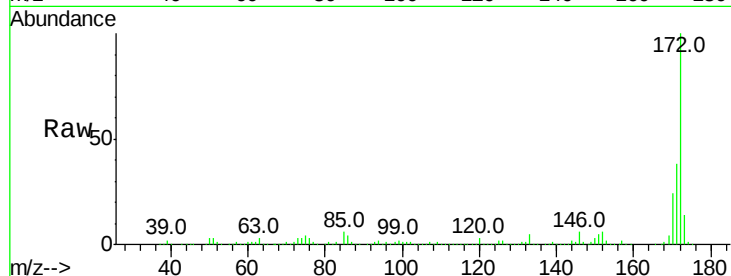


#44
 2-Fluorobiphenyl
 Concen: 96.183 ng
 RT: 13.39 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG030724.D
 Acq: 4 Nov 2017 6:16

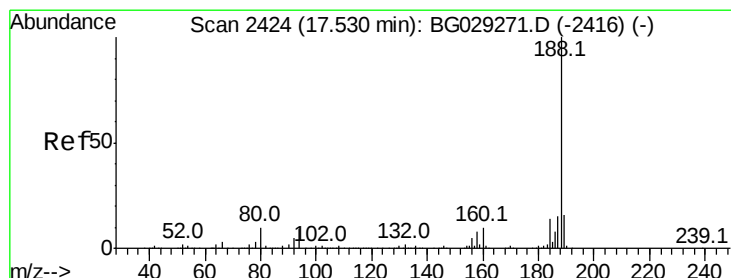
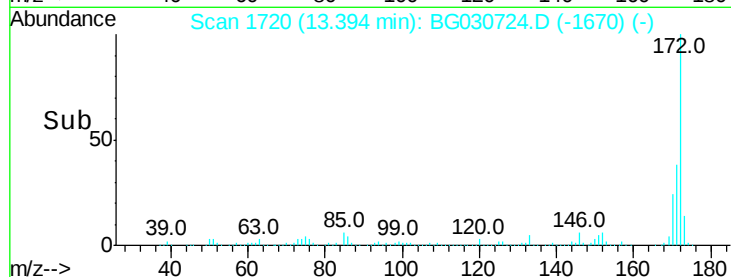
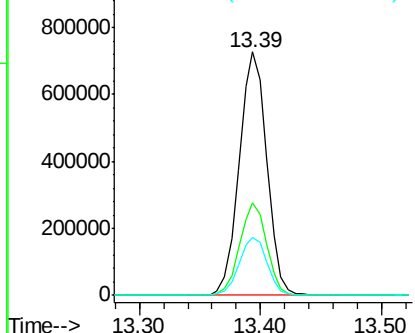
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110217

Tot Ion:172 Resp: 1156567

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.1	19.5	29.3



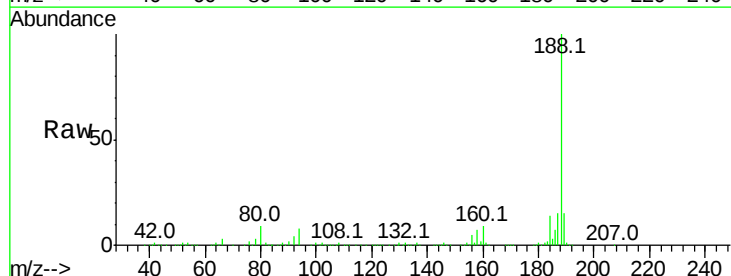
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



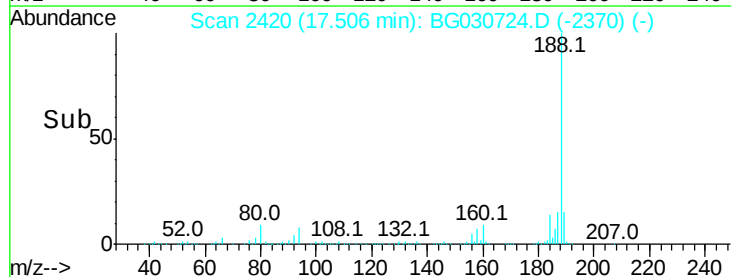
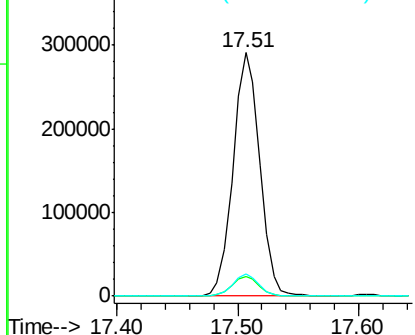
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030724.D
 Acq: 4 Nov 2017 6:16

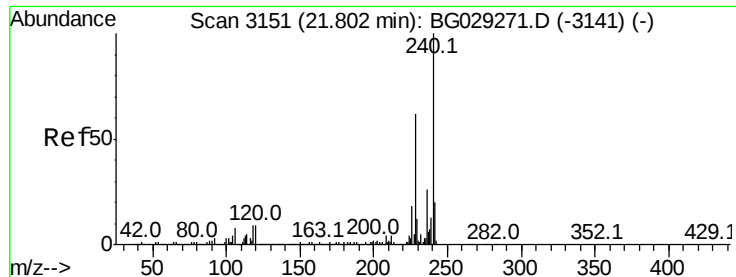
Tgt Ion:188 Resp: 446538

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

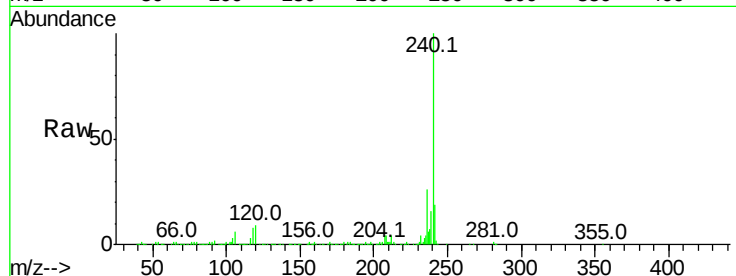
Tot Ion:240 Resp: 499028

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

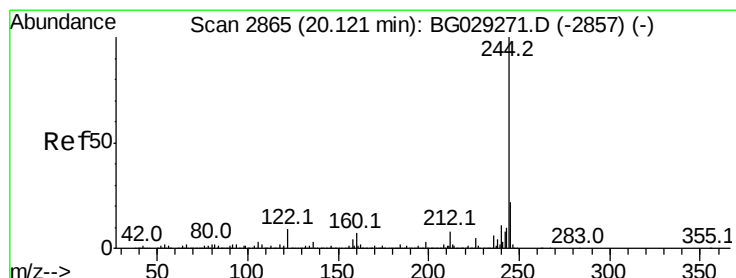
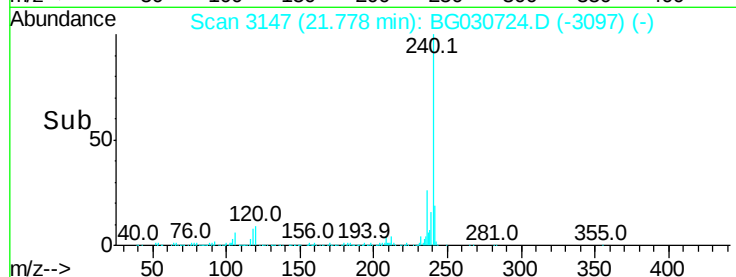
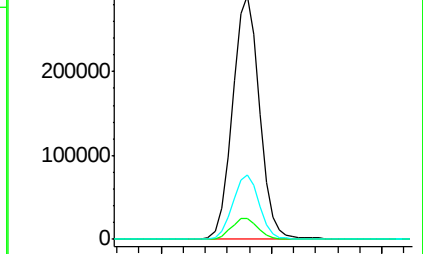
236 26.4 20.9 31.3



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: 94.255 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

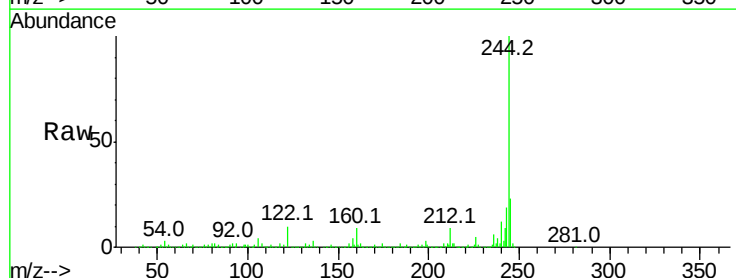
Tgt Ion:244 Resp: 2067568

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

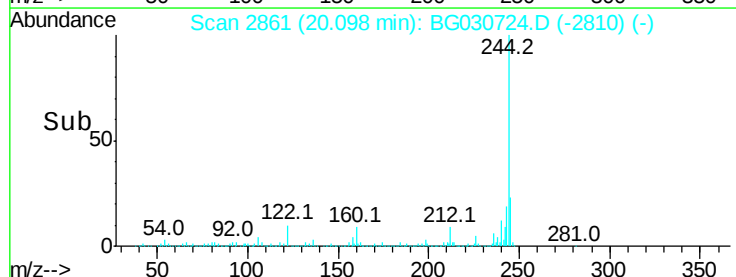
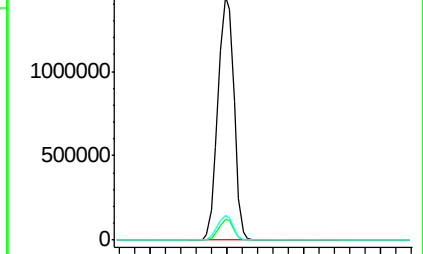
122 10.3 7.0 10.4

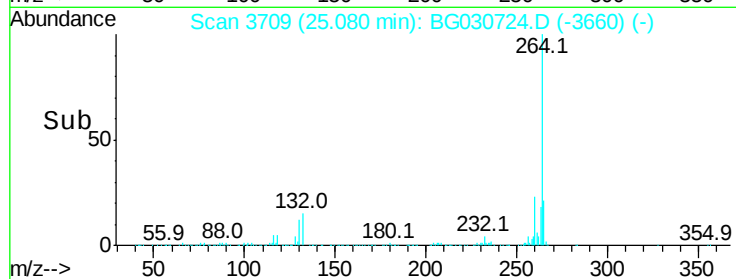
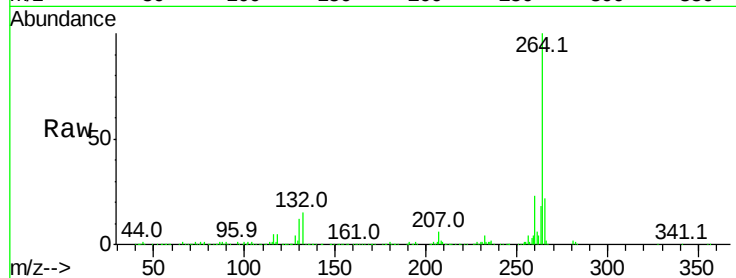
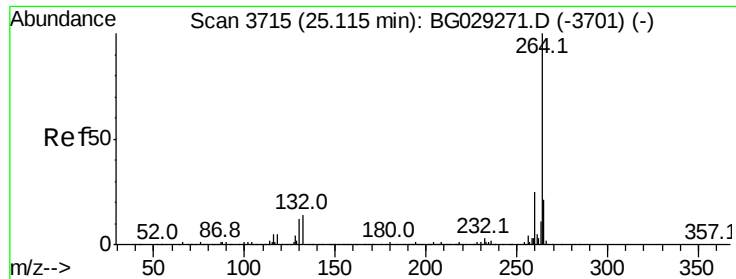


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

Tot Ion:264 Resp: 414631

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.6 17.7 26.5

