

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110417\
 Data File : BG030726.D
 Acq On : 4 Nov 2017 7:30
 Operator : SJ/JU
 Sample : I6160-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-3

Quant Time: Nov 04 11:11:49 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

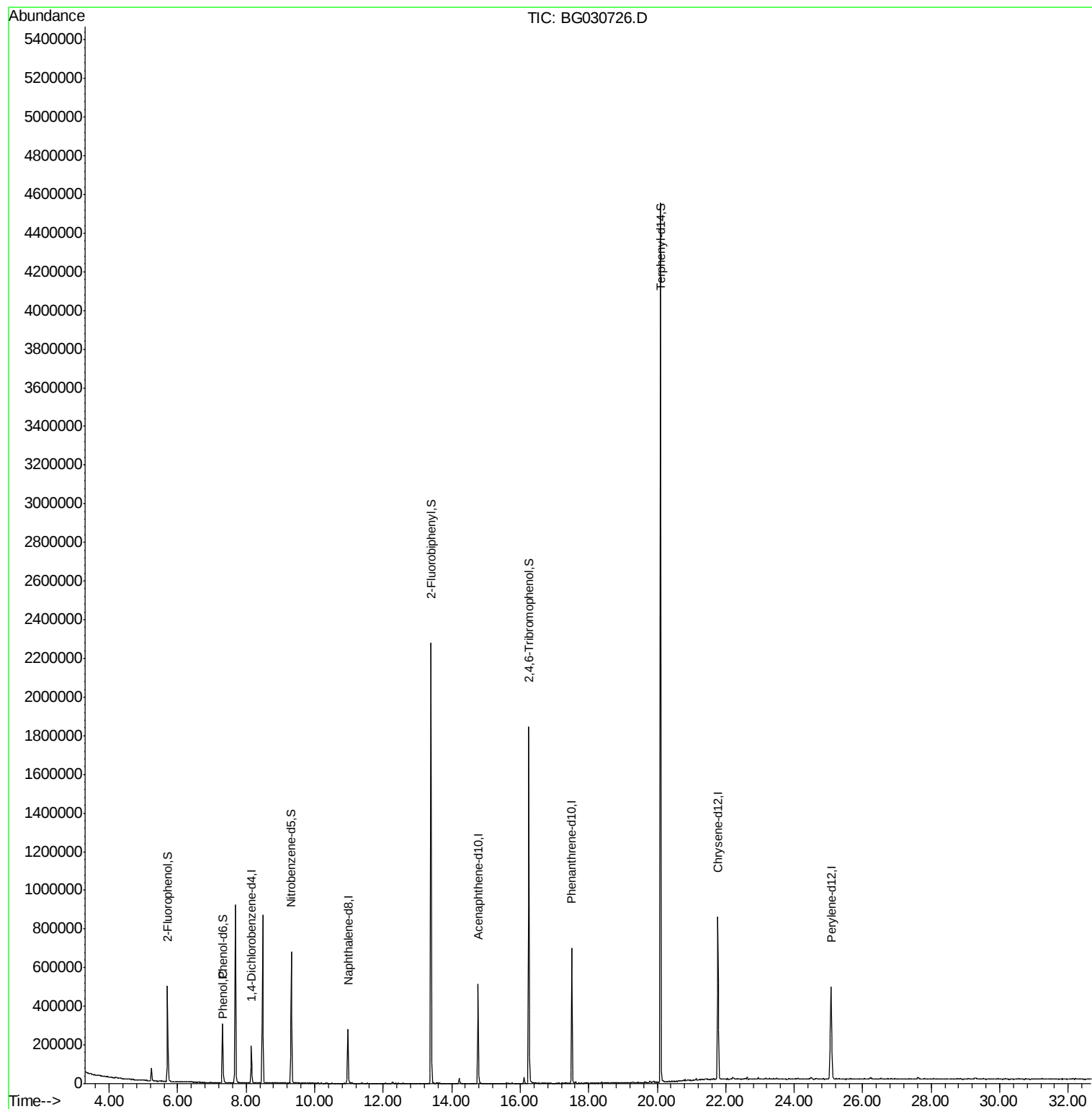
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	56834	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	261349	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	182546	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	457822	20.00	ng	0.00
75) Chrysene-d12	21.77	240	523585	20.00	ng	0.00
86) Perylene-d12	25.08	264	529698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	236093	69.40	ng	0.00
7) Phenol-d6	7.31	99	196548	41.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	419207	101.93	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	366317	155.43	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1226162	98.52	ng	0.00
78) Terphenyl-d14	20.10	244	2051002	89.11	ng	0.00
Target Compounds						
10) Phenol	7.33	94	15292	2.970	ng	Qvalue 94

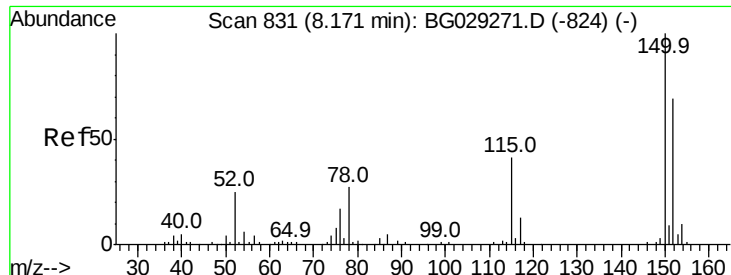
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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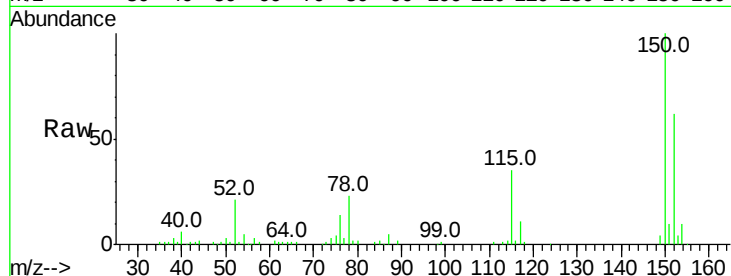


#1

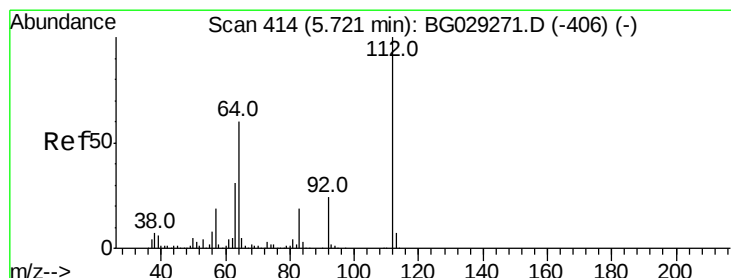
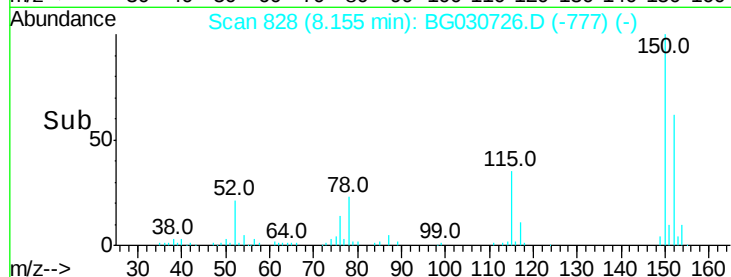
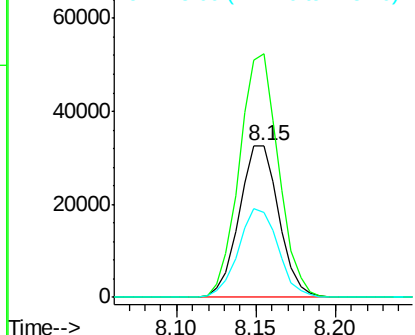
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Instrument :
BNA_G
ClientSampleId :
RLF-SW-3

Tot Ion:152 Resp: 56834
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 55.6 53.0 79.4



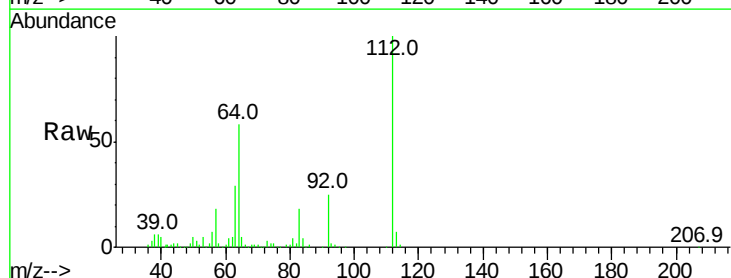
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



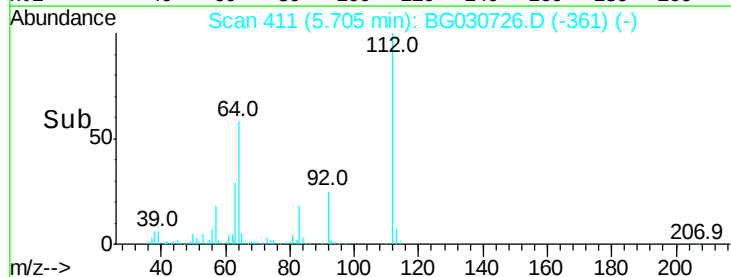
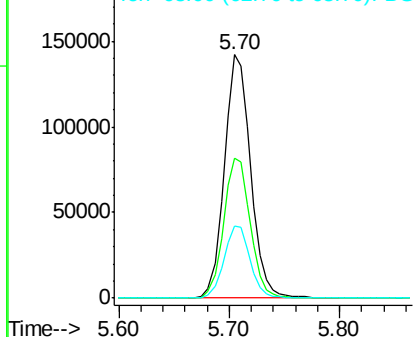
#5

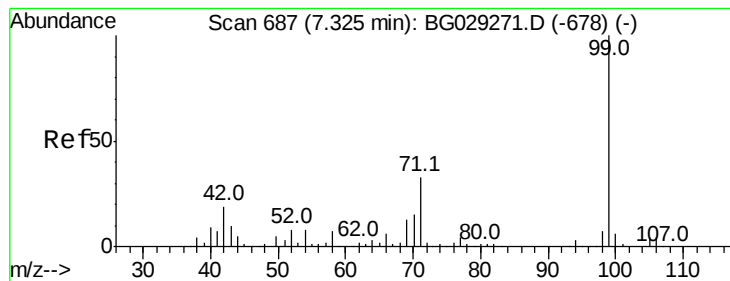
2-Fluorophenol
Concen: 69.396 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Tgt Ion:112 Resp: 236093
Ion Ratio Lower Upper
112 100
64 57.6 56.3 84.5
63 29.4 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: 41.159 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

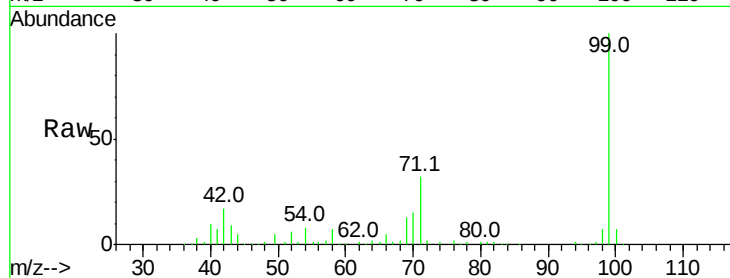
Tot Ion: 99 Resp: 196548

Ion Ratio Lower Upper

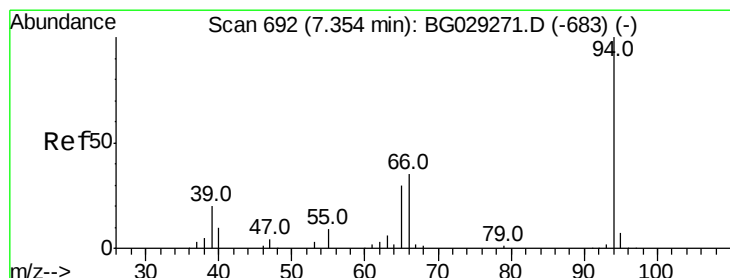
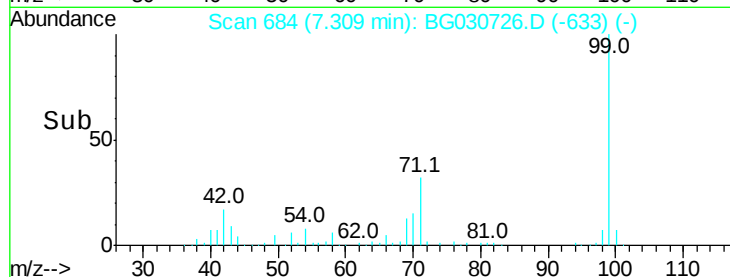
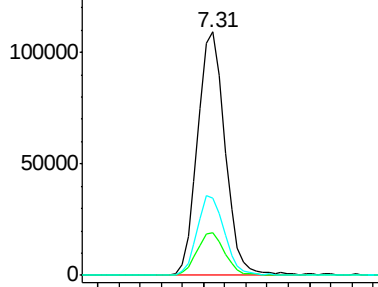
99 100

42 17.4 14.1 21.1

71 31.7 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



#10

Phenol

Concen: 2.970 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

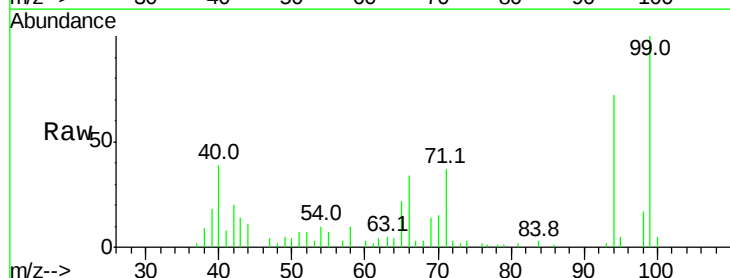
Tgt Ion: 94 Resp: 15292

Ion Ratio Lower Upper

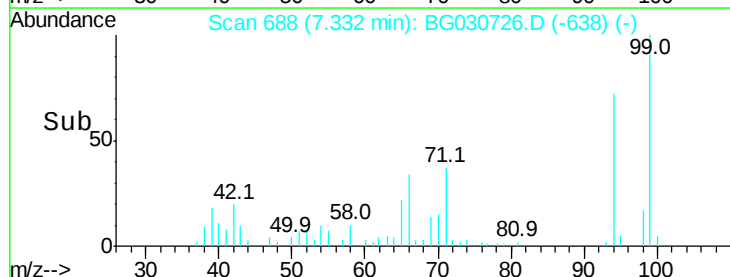
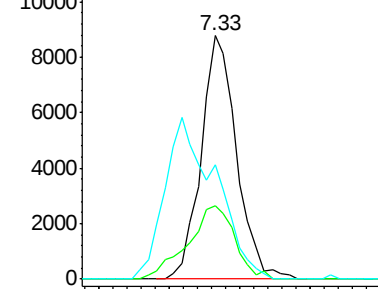
94 100

65 30.2 11.9 51.9

66 46.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

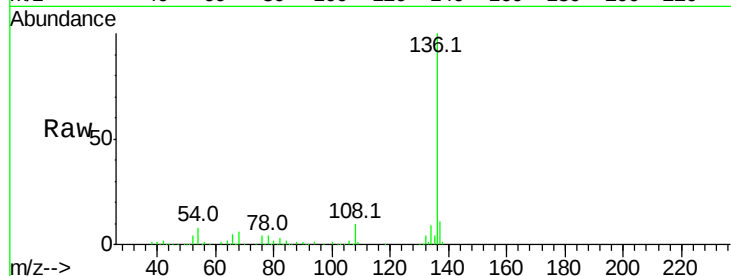




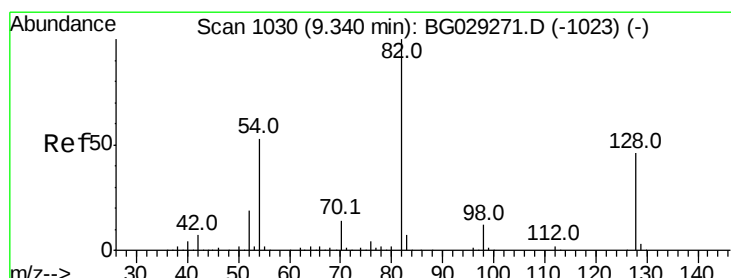
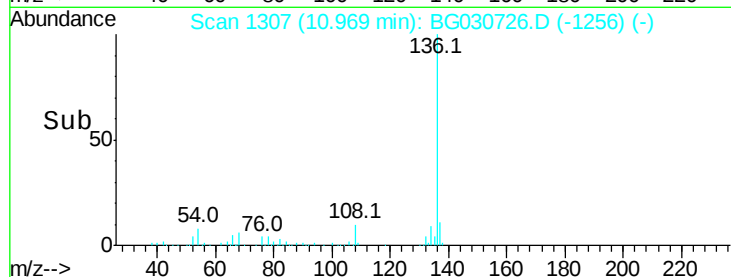
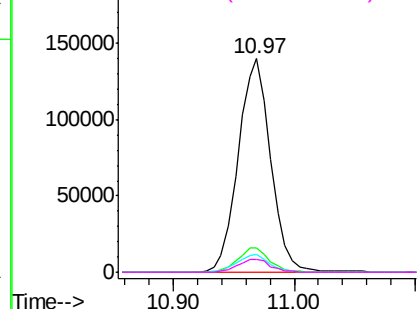
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Instrument :
BNA_G
ClientSampleId :
RLF-SW-3

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.4	10.3	15.5
68	6.1	4.5	6.7

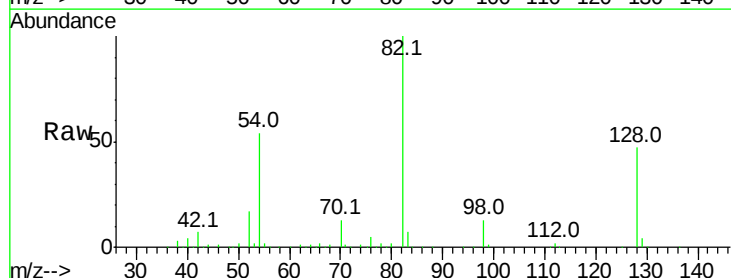


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

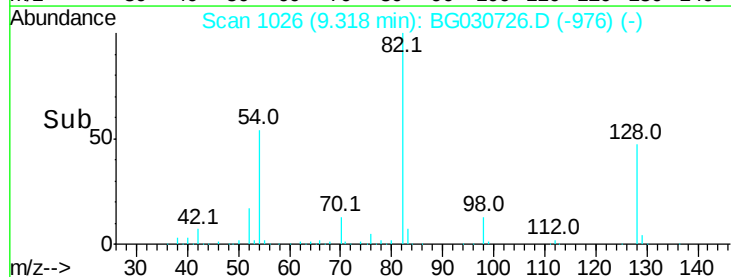
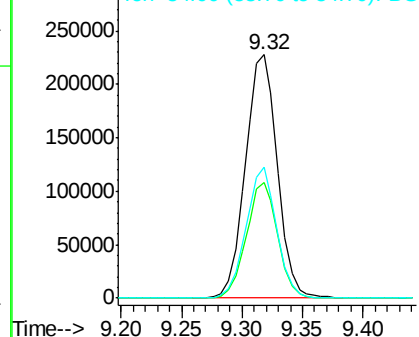


#23
Nitrobenzene-d5
Concen: 101.931 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	29.7	44.5
54	53.8	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

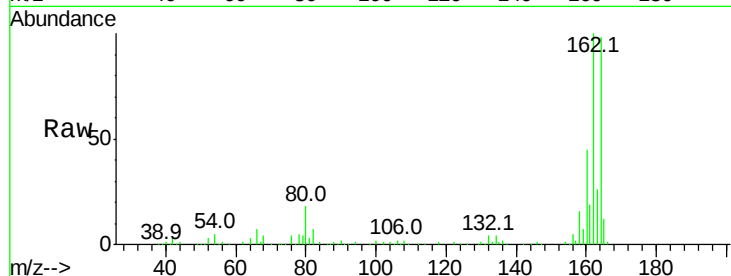
Tot Ion:164 Resp: 182546

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

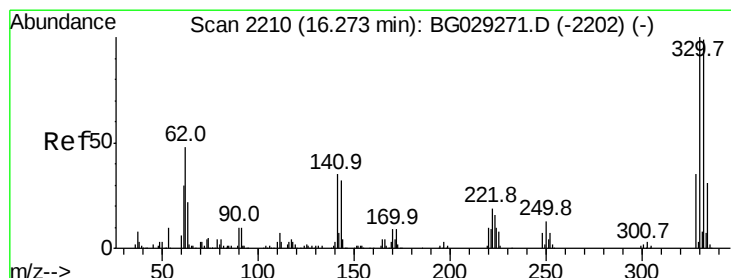
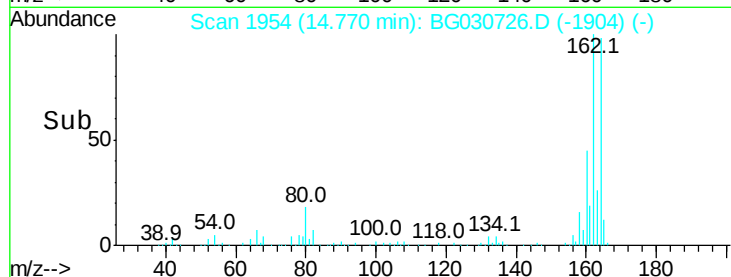
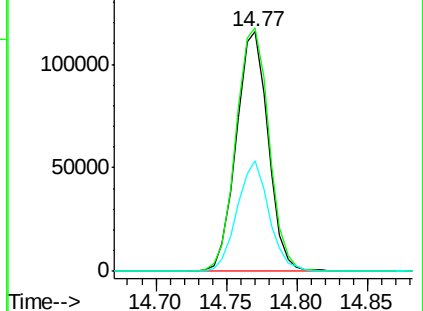
160 46.1 35.4 53.0



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: 155.426 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

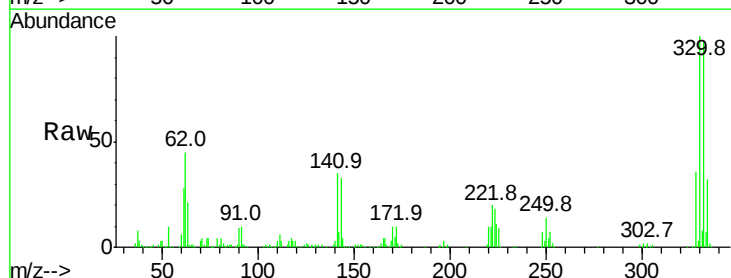
Tgt Ion:330 Resp: 366317

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

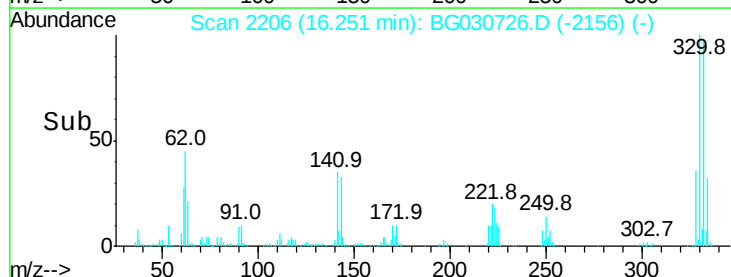
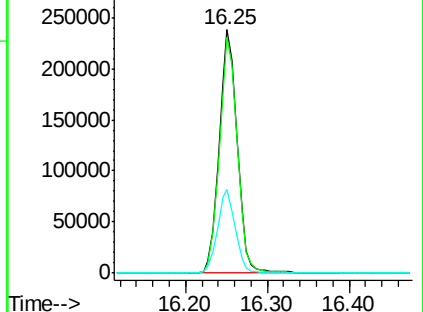
141 33.8 25.2 37.8



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



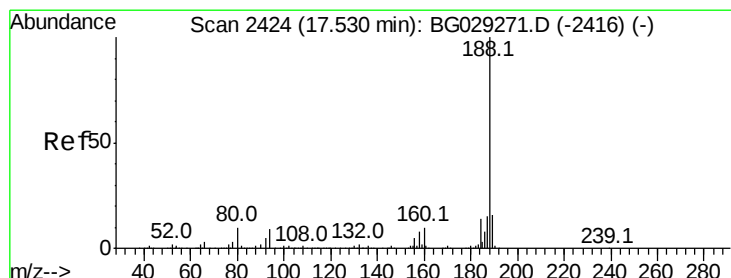
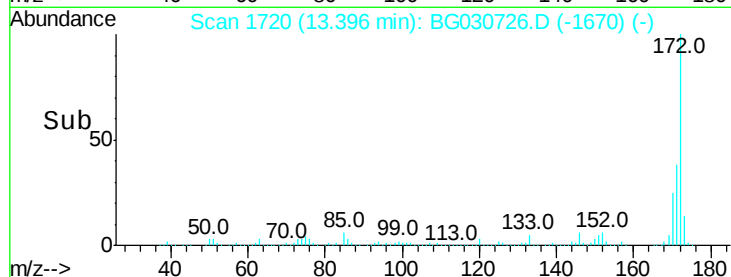
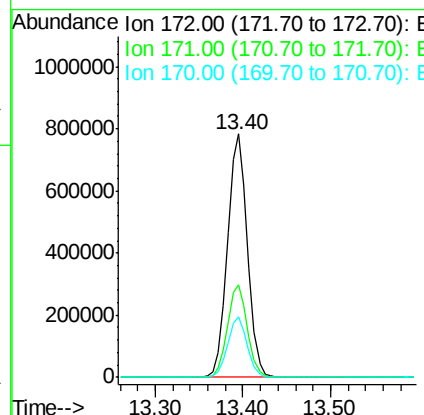
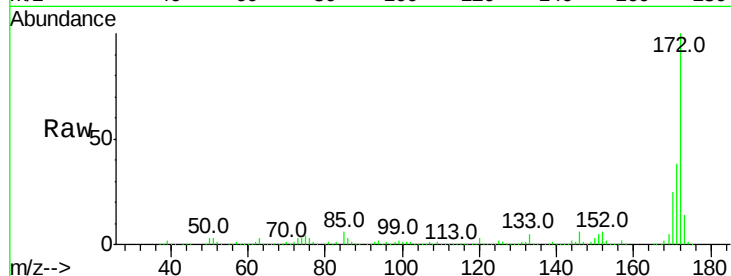


#44
 2-Fluorobiphenyl
 Concen: 98.515 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030726.D
 Acq: 4 Nov 2017 7:30

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-3

Tot Ion:172 Resp: 1226162

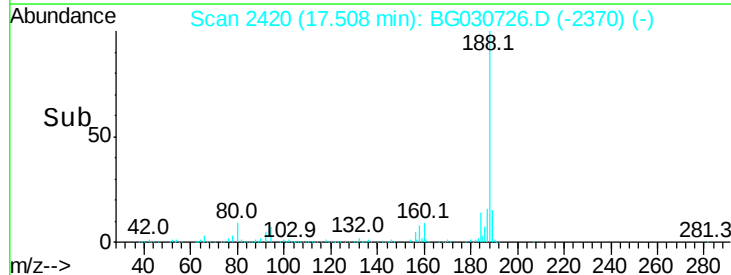
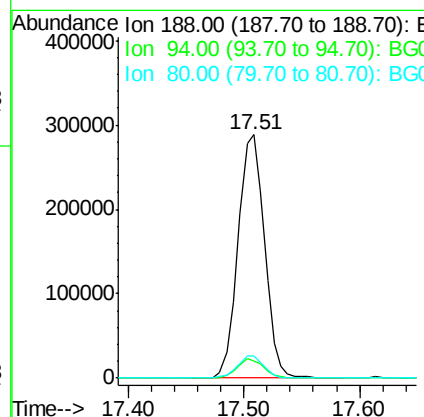
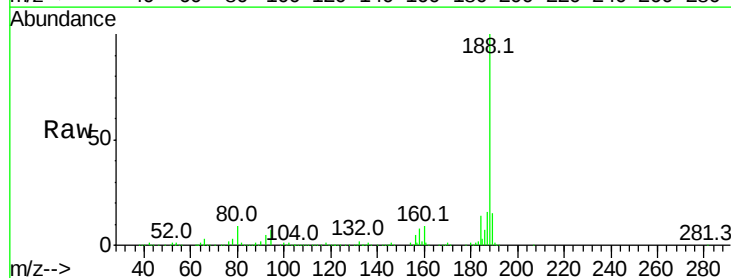
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.7	19.5	29.3

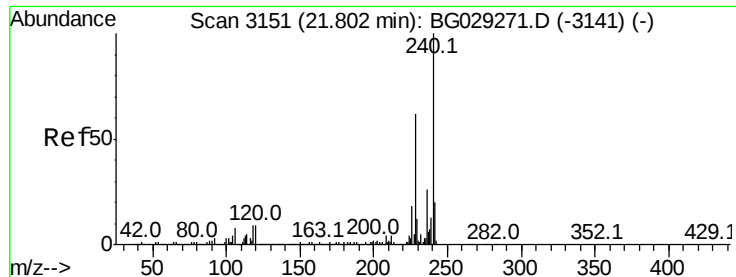


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG030726.D
 Acq: 4 Nov 2017 7:30

Tgt Ion:188 Resp: 457822

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

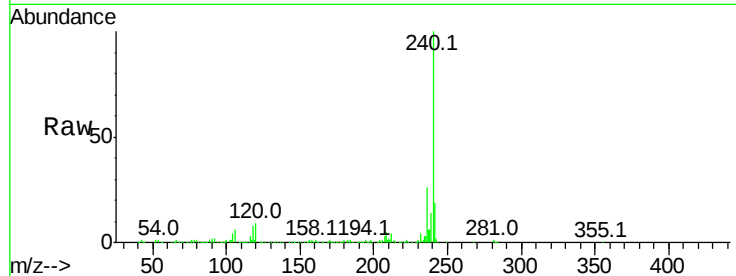
Tot Ion:240 Resp: 523585

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

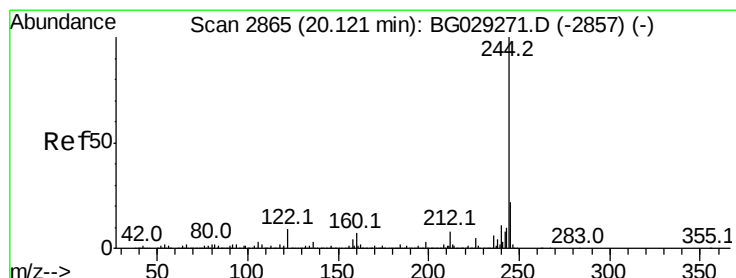
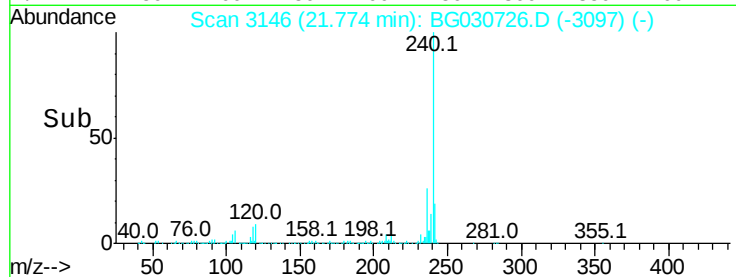
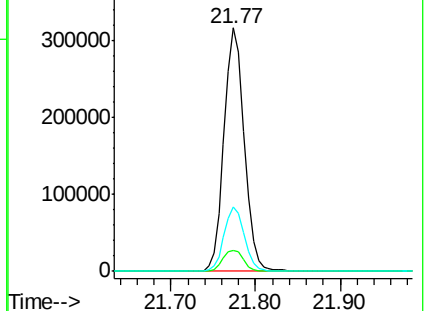
236 26.4 20.9 31.3



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: 89.114 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

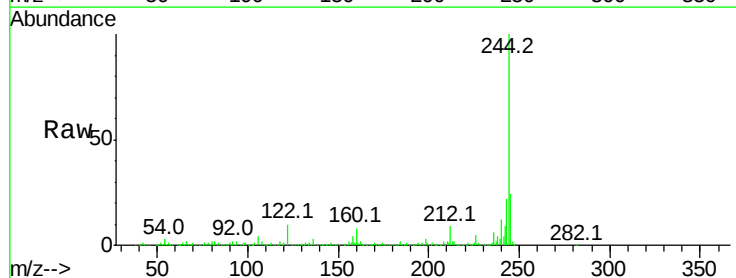
Tgt Ion:244 Resp: 2051002

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

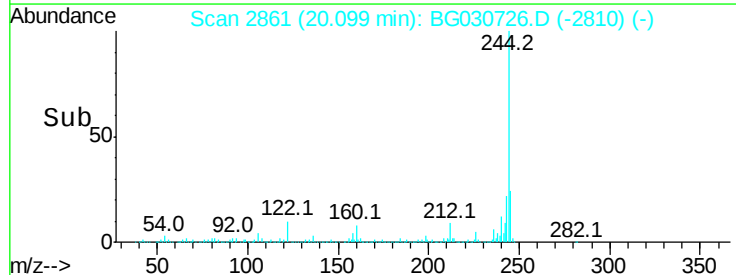
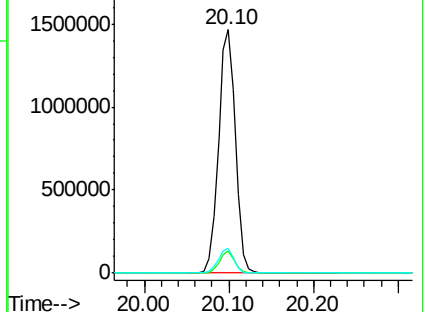
122 10.0 7.0 10.4

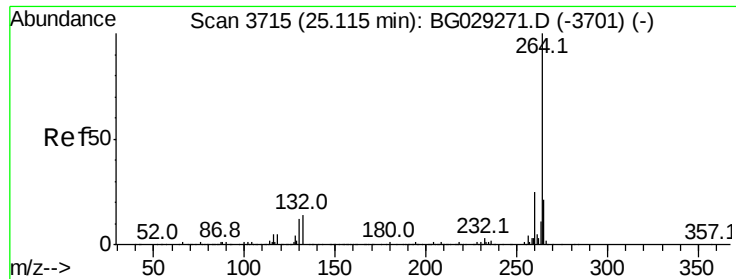


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3708
Delta R.T. -0.02 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Instrument :
BNA_G
ClientSampleId :
RLF-SW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.3	17.7	26.5

