

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030494.D
 Acq On : 27 Oct 2017 12:48
 Operator : SJ/JU
 Sample : I6024-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

Quant Time: Oct 27 14:46:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

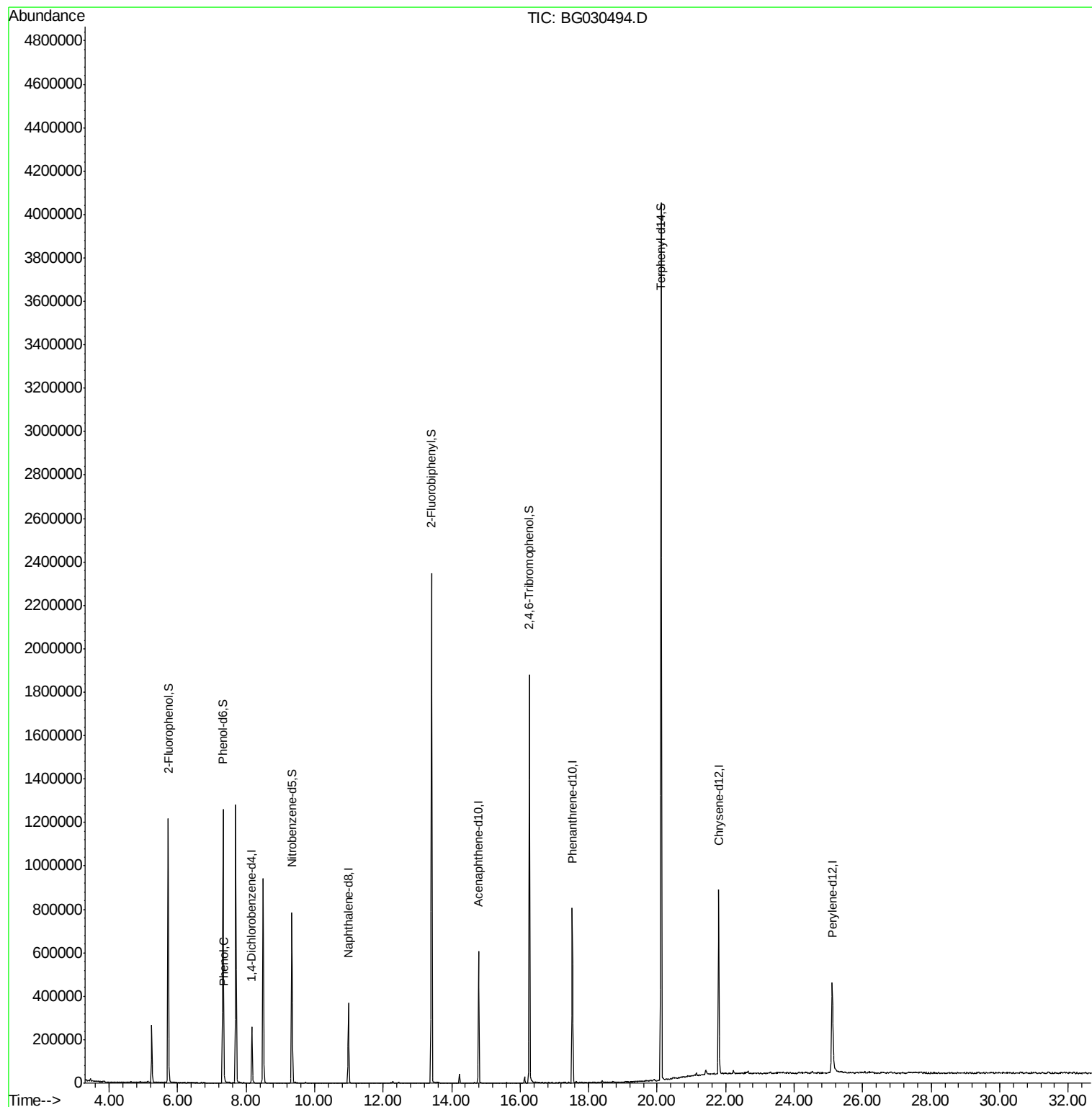
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73824	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	333745	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	219765	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	514333	20.00	ng	0.00
75) Chrysene-d12	21.80	240	539325	20.00	ng	0.00
86) Perylene-d12	25.11	264	537961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	566889	128.28	ng	0.00
7) Phenol-d6	7.33	99	776426	125.17	ng	0.00
23) Nitrobenzene-d5	9.34	82	484260	92.21	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	373537	131.65	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1267163	84.57	ng	0.00
78) Terphenyl-d14	20.11	244	1908242	80.49	ng	0.00
Target Compounds						
10) Phenol	7.35	94	21996	3.289	ng	Qvalue 97

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

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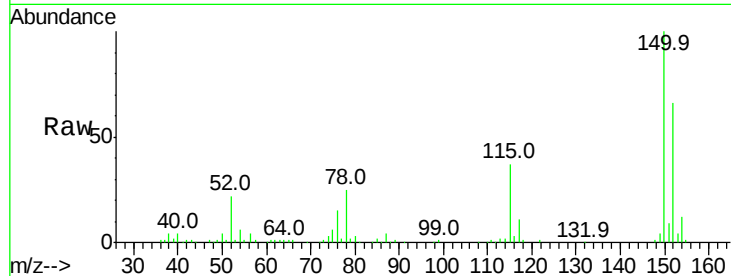


#1

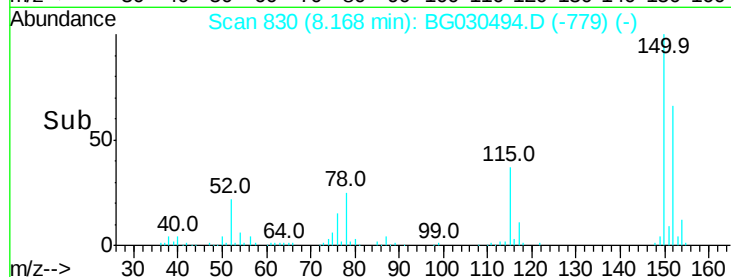
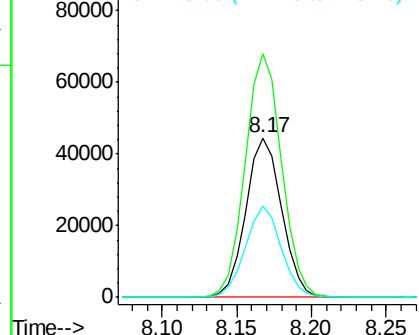
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030494.D
Acq: 27 Oct 2017 12:48

Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

Tot Ion:152 Resp: 73824
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 56.9 53.0 79.4



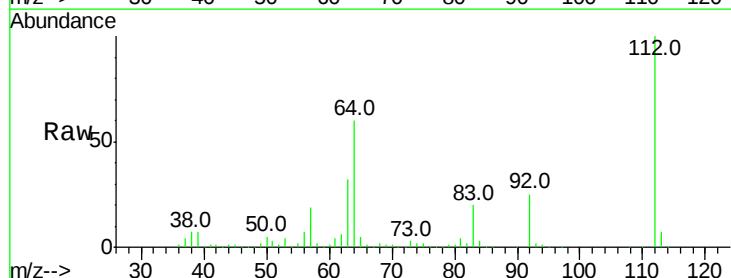
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



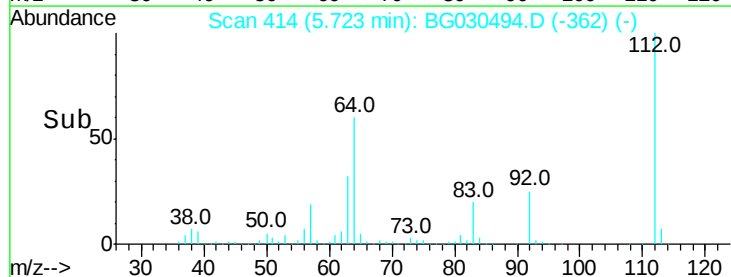
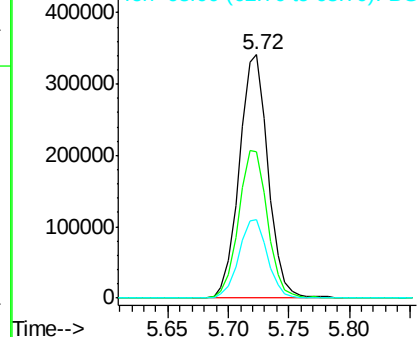
#5

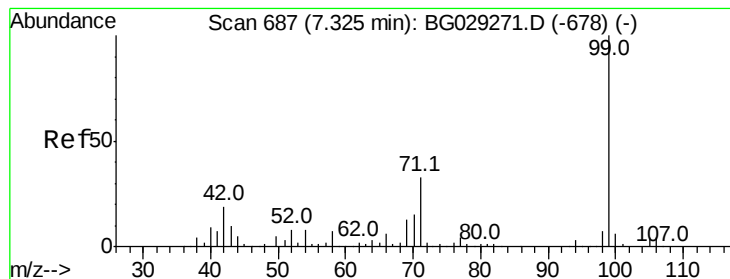
2-Fluorophenol
Concen: 128.281 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030494.D
Acq: 27 Oct 2017 12:48

Tgt Ion:112 Resp: 566889
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 32.5 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: 125.170 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

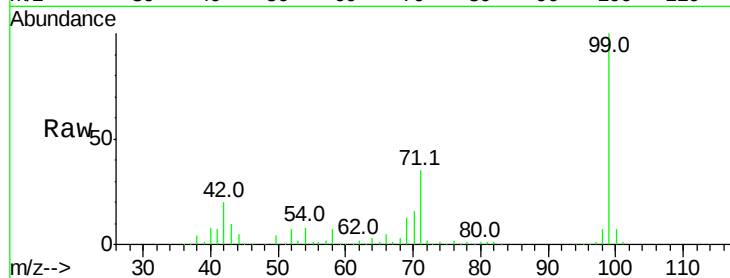
Tot Ion: 99 Resp: 776426

Ion Ratio Lower Upper

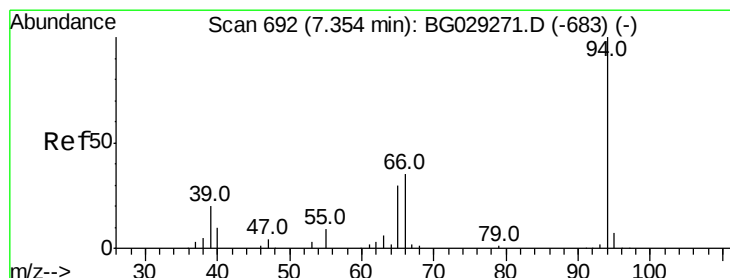
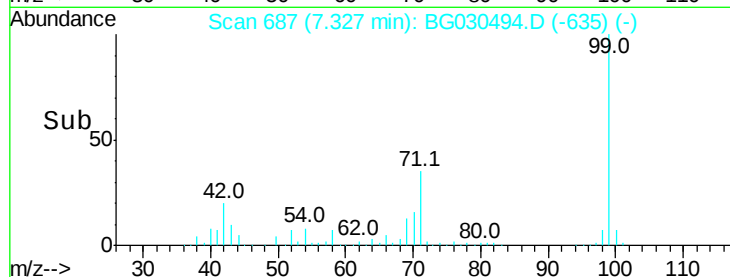
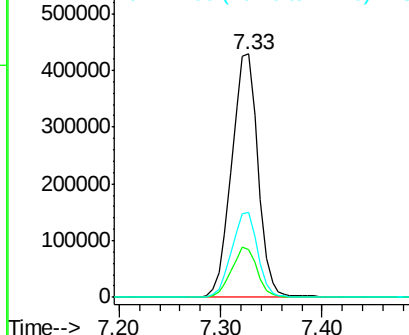
99 100

42 19.8 14.1 21.1

71 34.9 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



#10

Phenol

Concen: 3.289 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

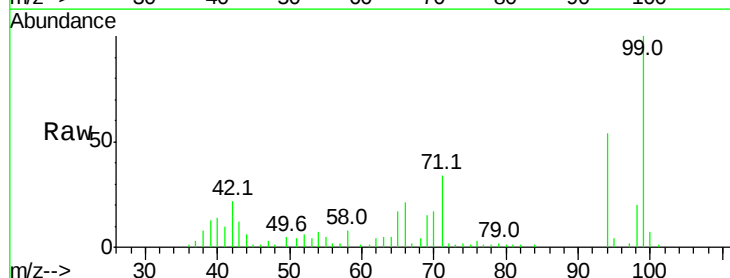
Tgt Ion: 94 Resp: 21996

Ion Ratio Lower Upper

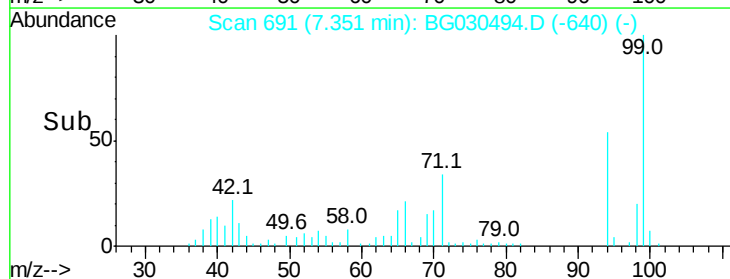
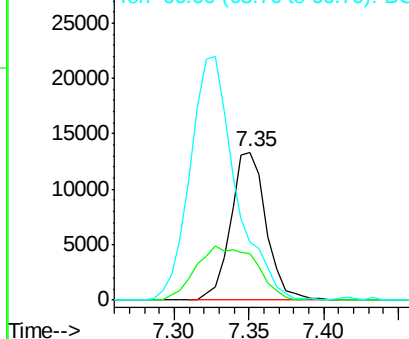
94 100

65 31.3 11.9 51.9

66 38.9 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

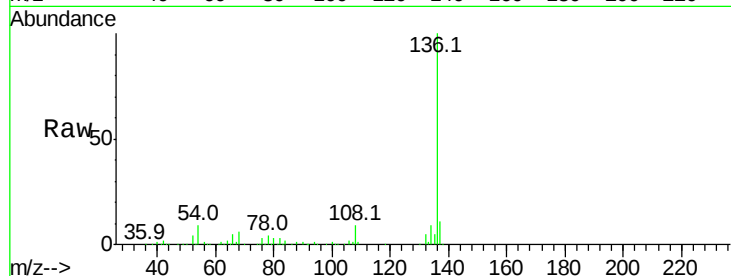




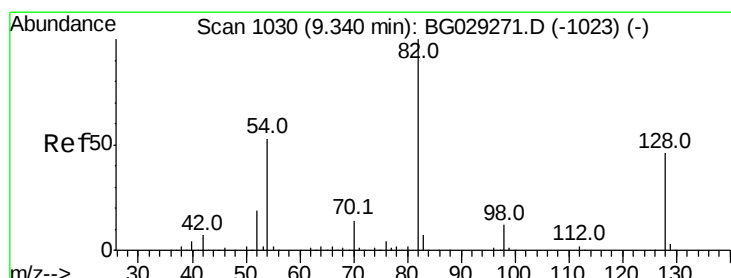
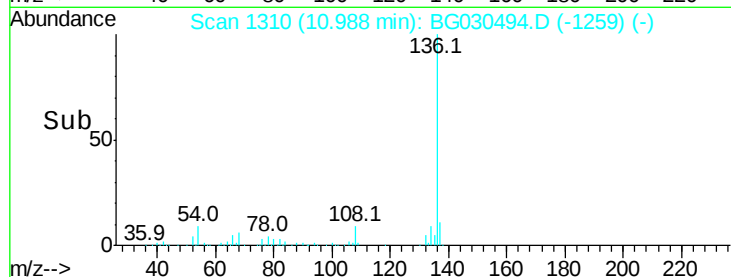
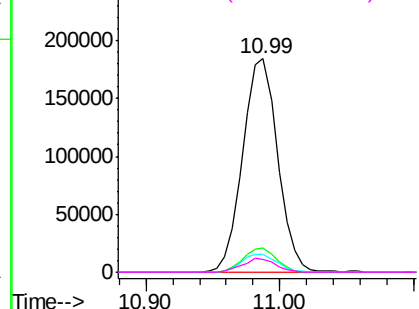
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG030494.D
Acq: 27 Oct 2017 12:48

Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

Tot Ion:136	Resp:	333745
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	8.5	10.3 15.5#
68	5.8	4.5 6.7

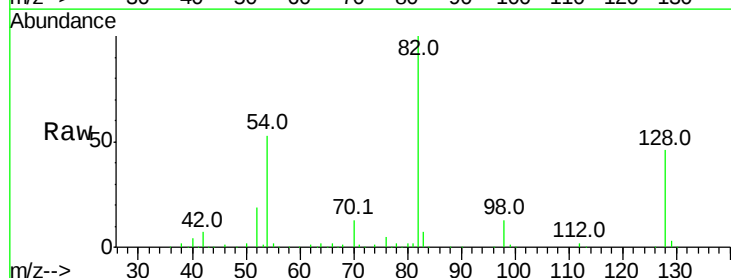


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

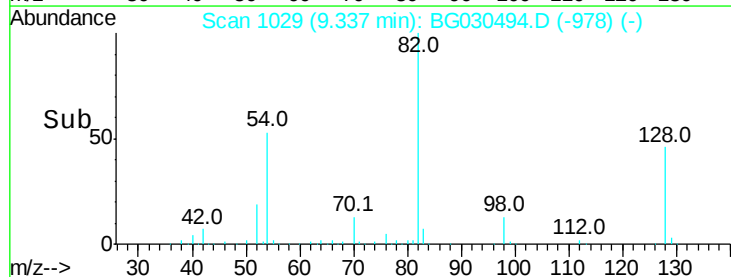
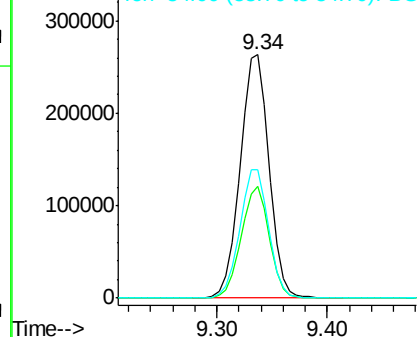


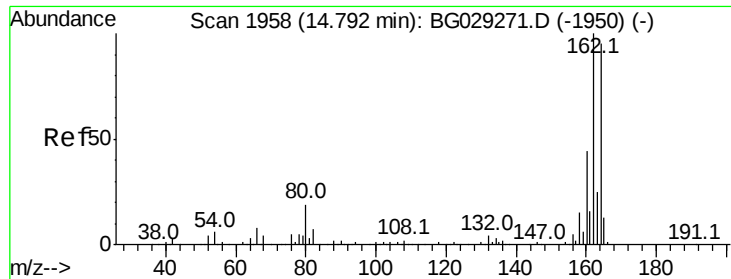
#23
Nitrobenzene-d5
Concen: 92.206 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030494.D
Acq: 27 Oct 2017 12:48

Tgt Ion: 82	Resp:	484260
Ion	Ratio	Lower Upper
82	100	
128	46.1	29.7 44.5#
54	52.7	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

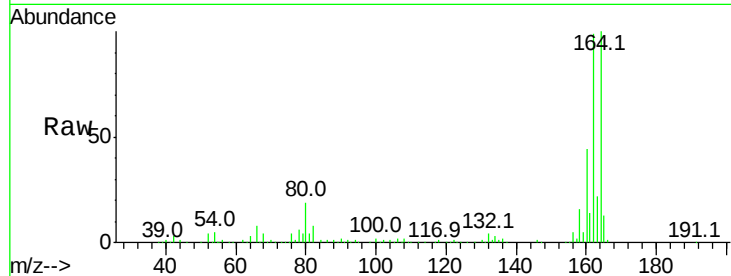
Tot Ion:164 Resp: 219765

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

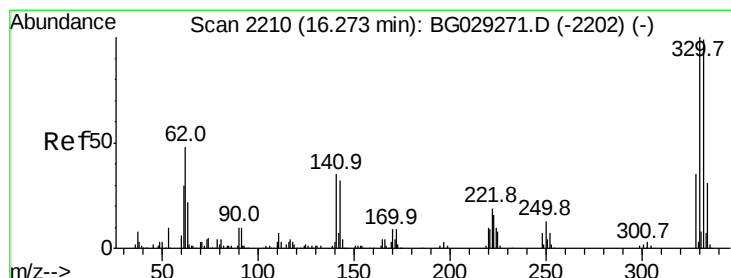
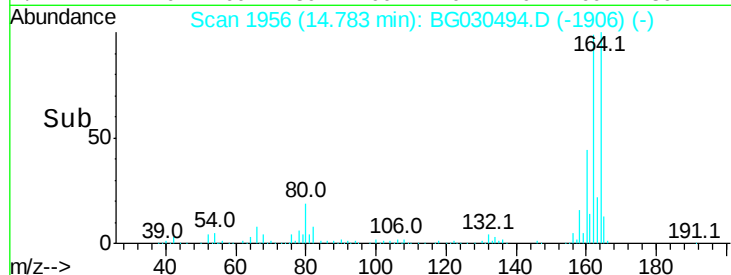
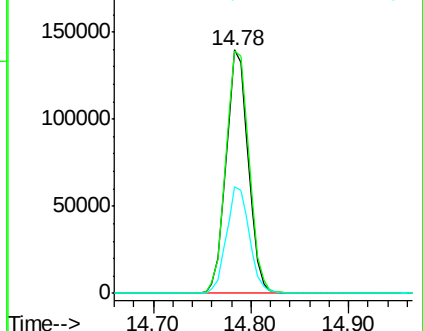
160 43.6 35.4 53.0



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: 131.648 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

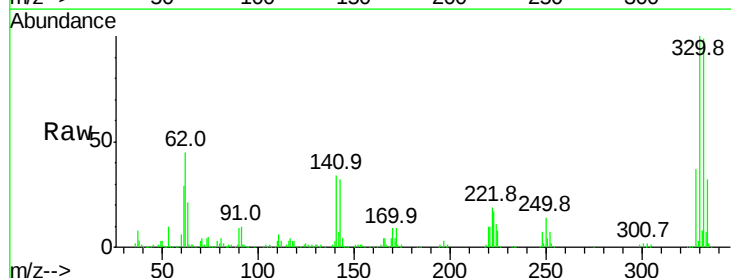
Tgt Ion:330 Resp: 373537

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

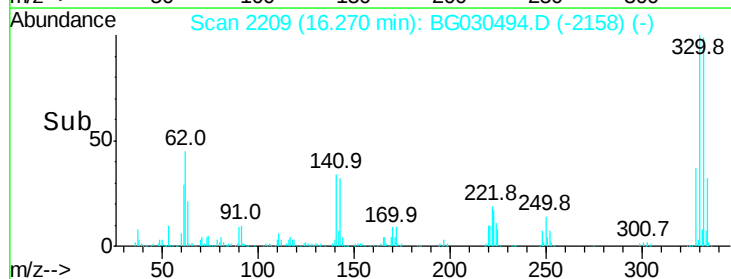
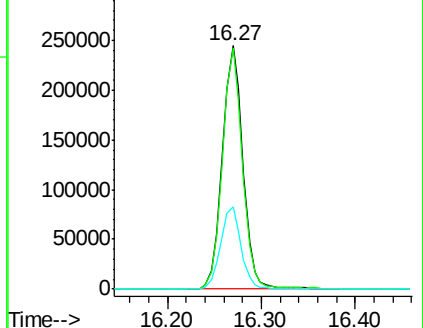
141 33.8 25.2 37.8



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



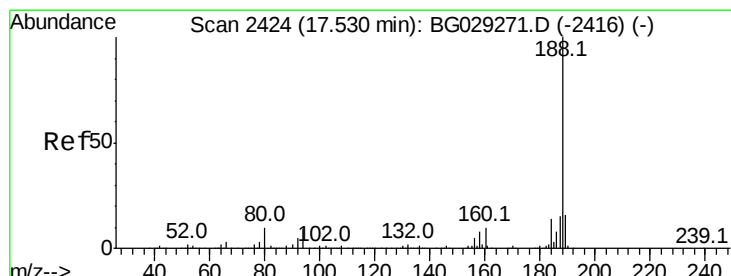
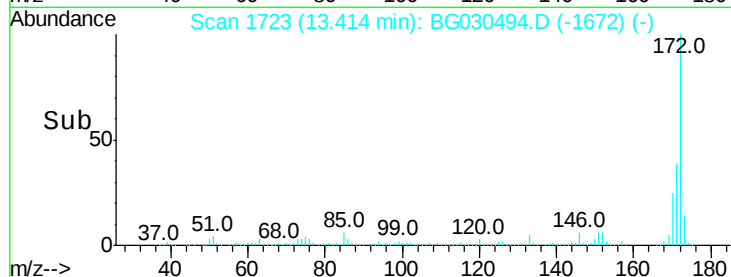
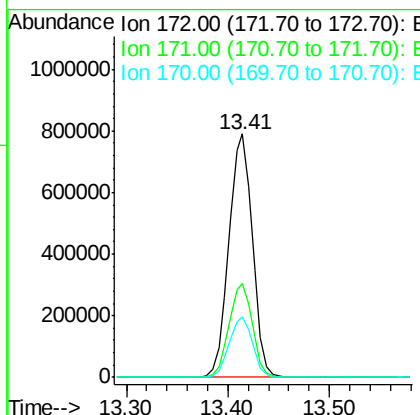
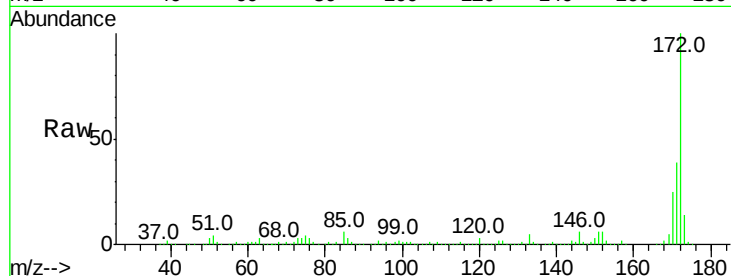


#44
 2-Fluorobiphenyl
 Concen: 84.567 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030494.D
 Acq: 27 Oct 2017 12:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-COMP

Tot Ion:172 Resp: 1267163

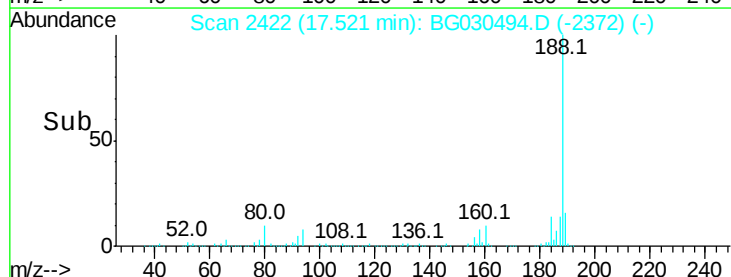
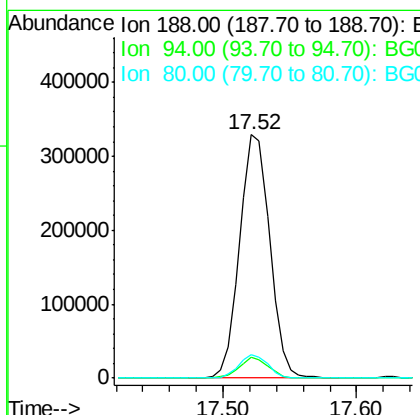
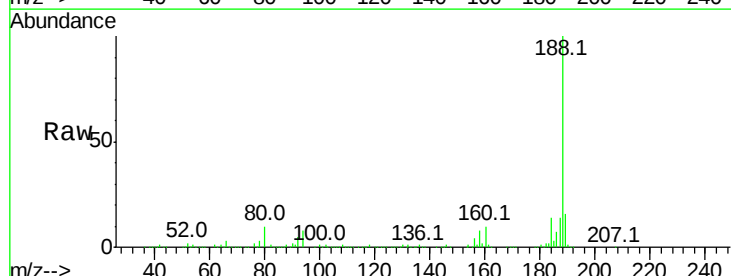
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.8	19.5	29.3

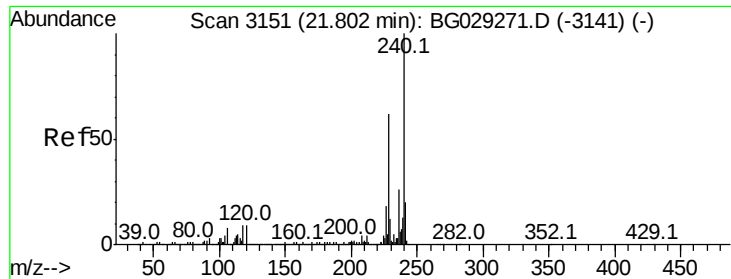


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030494.D
 Acq: 27 Oct 2017 12:48

Tgt Ion:188 Resp: 514333

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.7	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

Instrument :

BNA_G

ClientSampleId :

SB-09-COMP

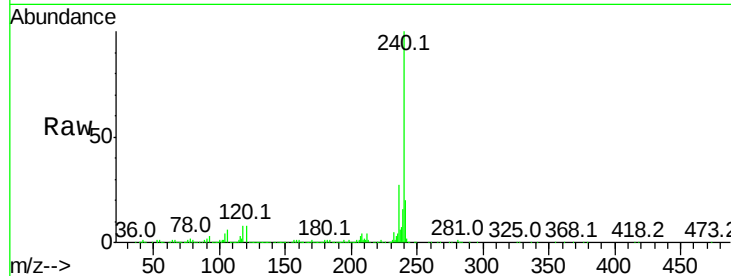
Tot Ion:240 Resp: 539325

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

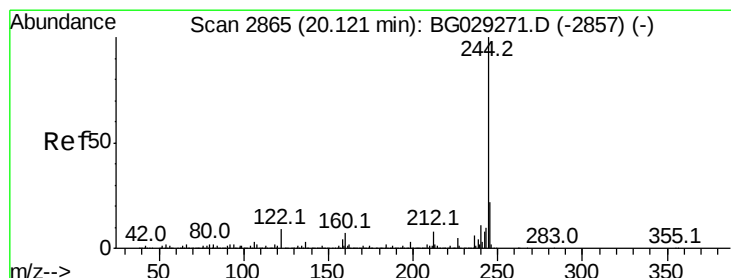
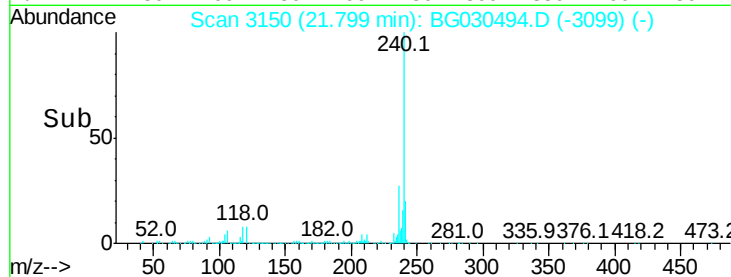
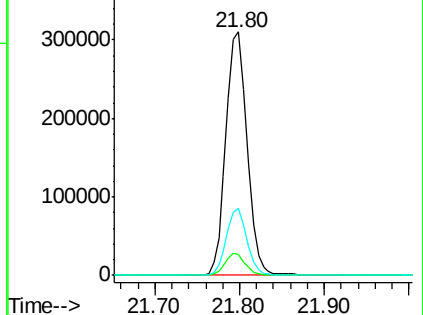
236 27.3 20.9 31.3



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: 80.492 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030494.D

Acq: 27 Oct 2017 12:48

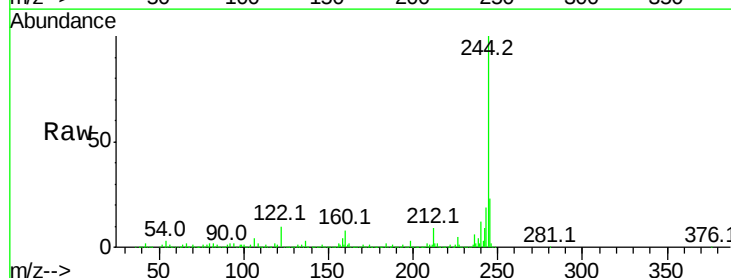
Tgt Ion:244 Resp: 1908242

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

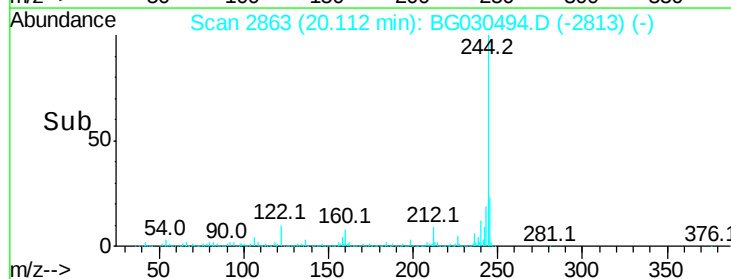
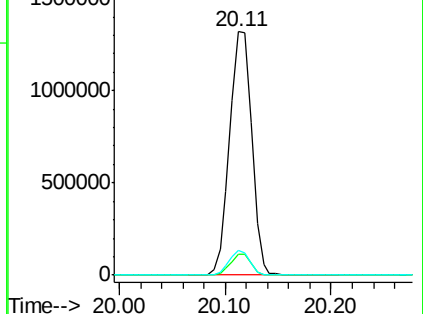
122 10.3 7.0 10.4

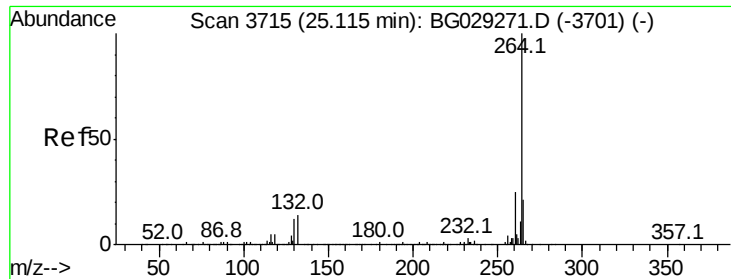


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030494.D
Acq: 27 Oct 2017 12:48

Instrument :
BNA_G
ClientSampleId :
SB-09-COMP

Tot Ion:264 Resp: 537961

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.7	17.7	26.5

