

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030492.D
 Acq On : 27 Oct 2017 11:29
 Operator : SJ/JU
 Sample : I6024-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-COMP

Quant Time: Oct 27 14:45:23 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

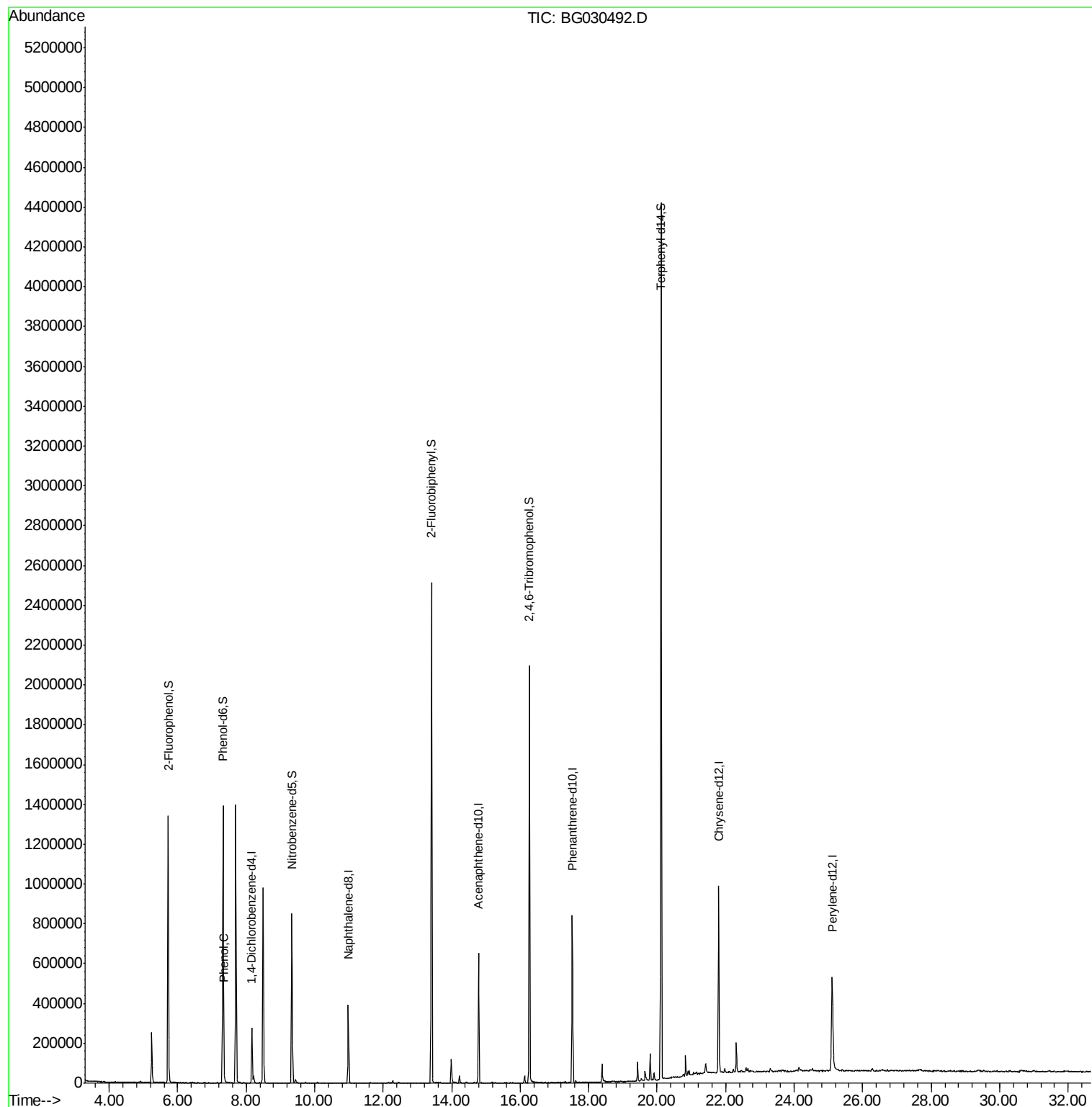
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	79660	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	366514	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	231529	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	534146	20.00	ng	0.00
75) Chrysene-d12	21.80	240	570970	20.00	ng	0.00
86) Perylene-d12	25.11	264	574204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	627116	131.51	ng	0.00
7) Phenol-d6	7.32	99	853835	127.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	526535	91.29	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	429102	143.55	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1348771	85.44	ng	0.00
78) Terphenyl-d14	20.11	244	2020959	80.52	ng	0.00
Target Compounds						
10) Phenol	7.35	94	22854	3.167	ng	Qvalue 90

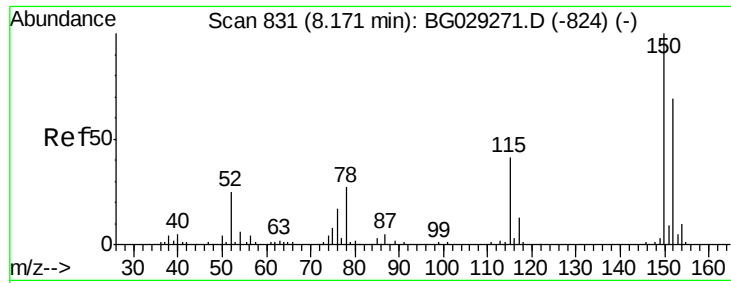
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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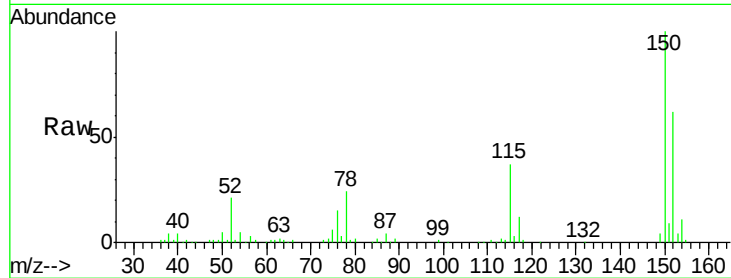


#1

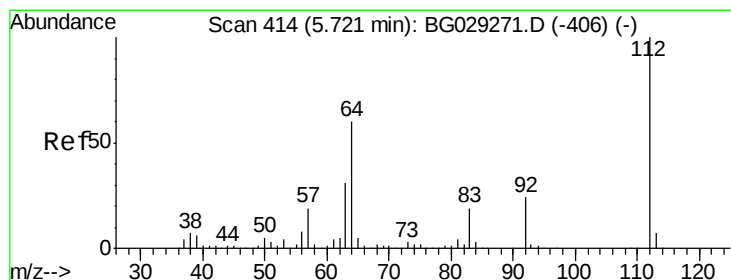
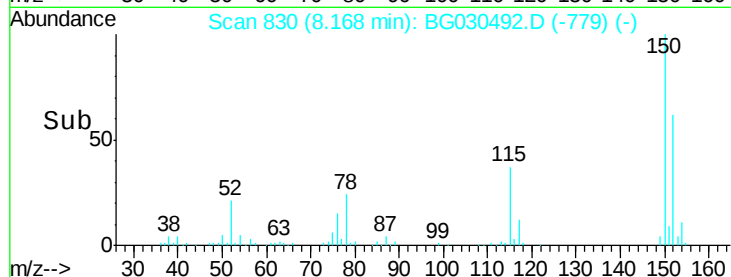
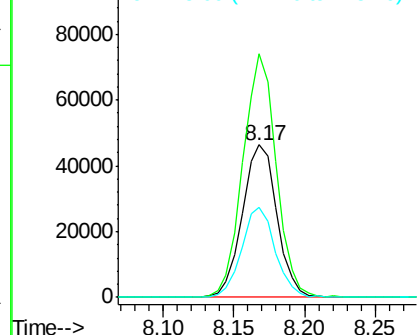
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030492.D
Acq: 27 Oct 2017 11:29

Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

Tgt Ion:152 Resp: 79660
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 59.0 53.0 79.4



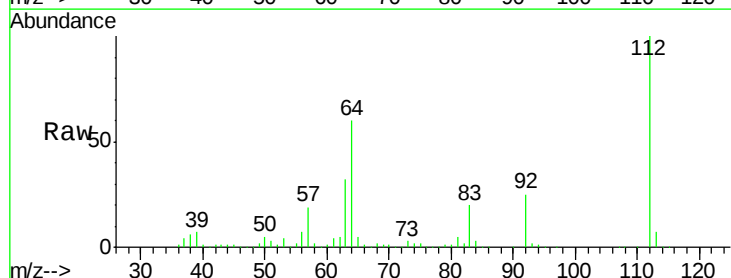
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



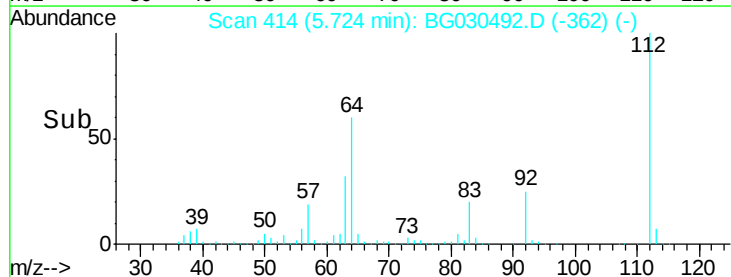
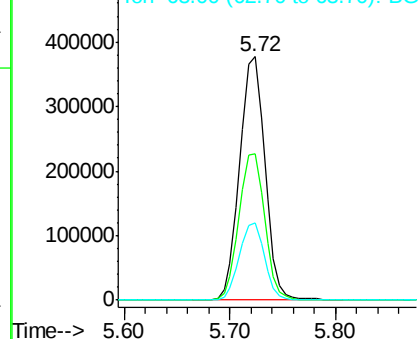
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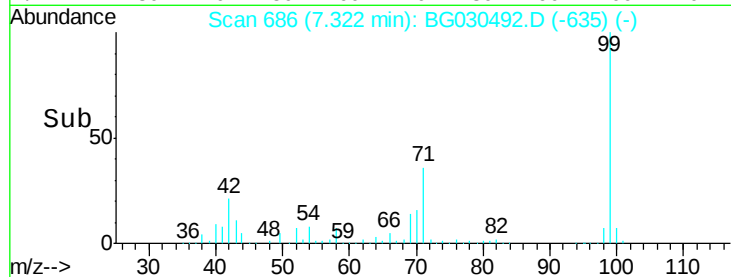
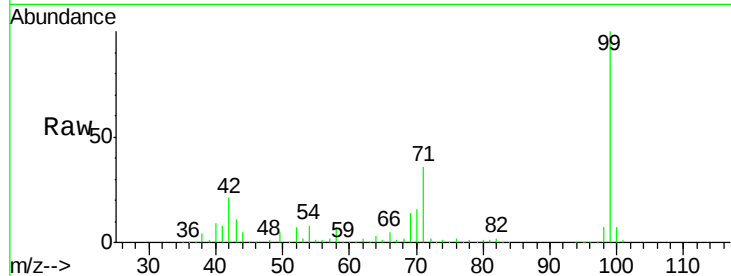
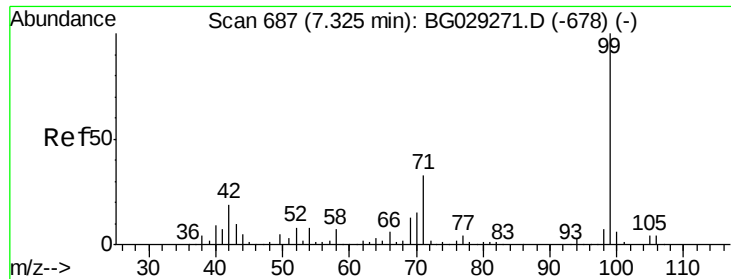
2-Fluorophenol
Concen: 131.513 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030492.D
Acq: 27 Oct 2017 11:29

Tgt Ion:112 Resp: 627116
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 31.8 30.1 45.1



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: 127.565 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030492.D

Acq: 27 Oct 2017 11:29

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

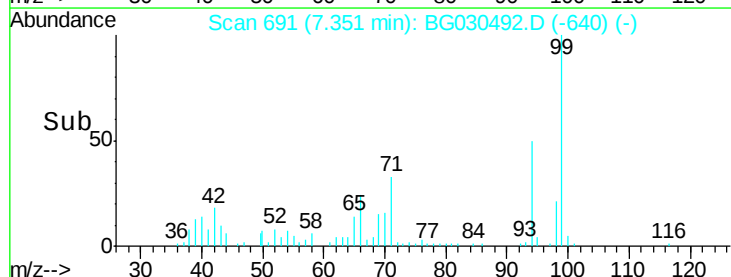
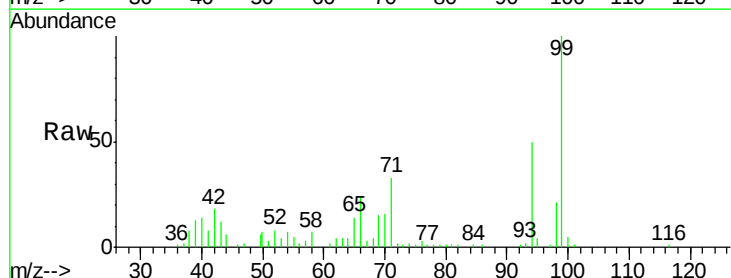
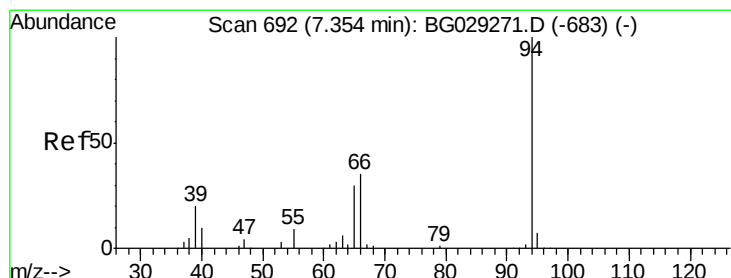
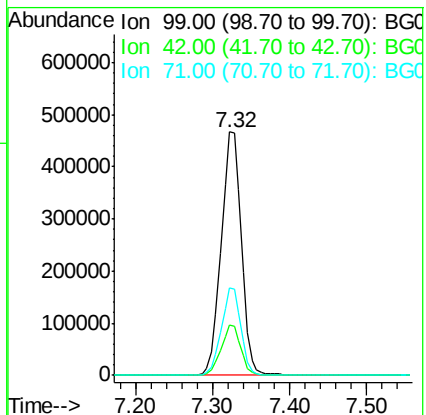
Tgt Ion: 99 Resp: 853835

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

71 36.1 26.1 39.1



#10

Phenol

Concen: 3.167 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG030492.D

Acq: 27 Oct 2017 11:29

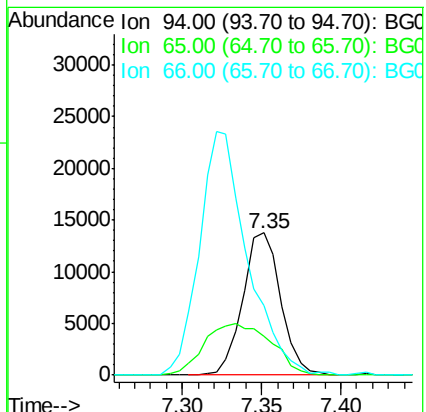
Tgt Ion: 94 Resp: 22854

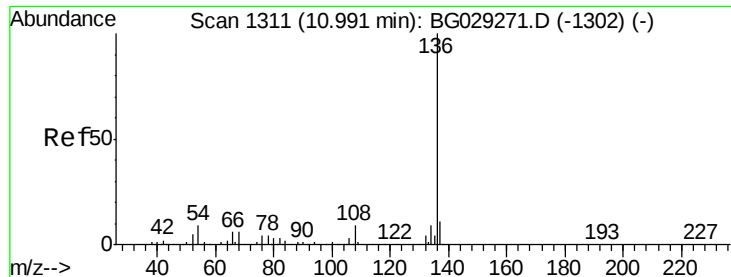
Ion Ratio Lower Upper

94 100

65 27.0 11.9 51.9

66 48.8 22.2 62.2

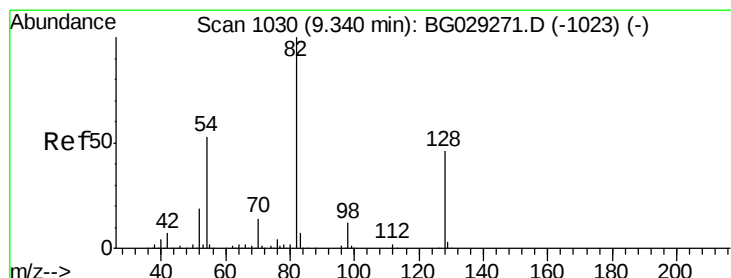
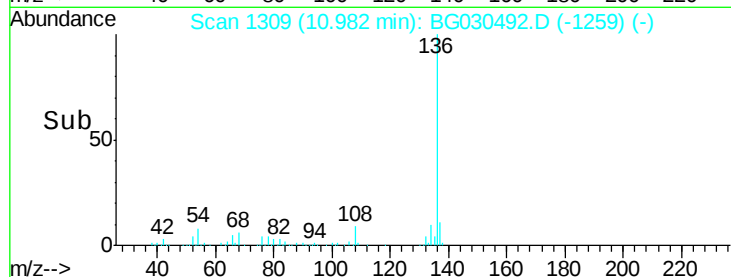
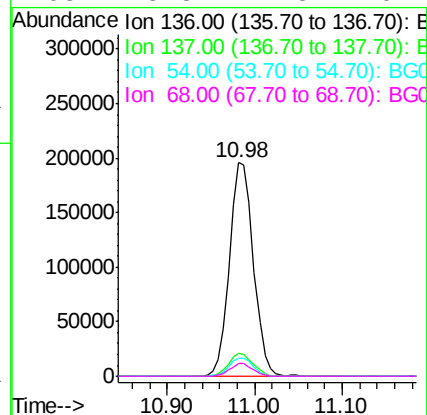
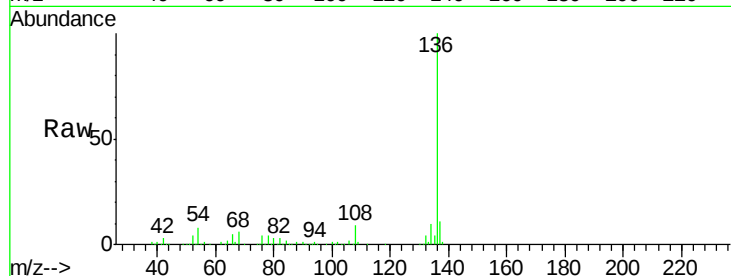




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030492.D
Acq: 27 Oct 2017 11:29

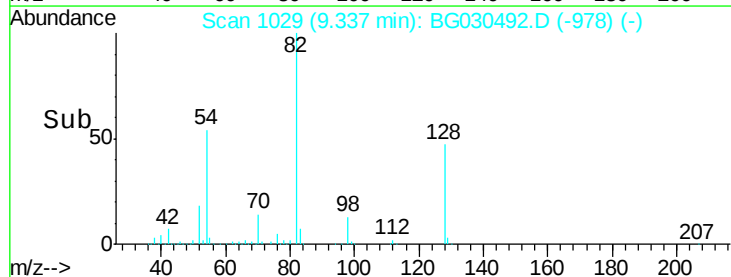
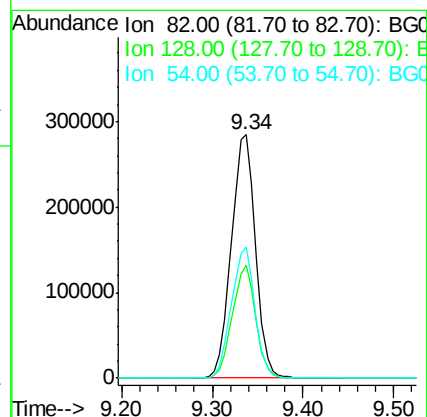
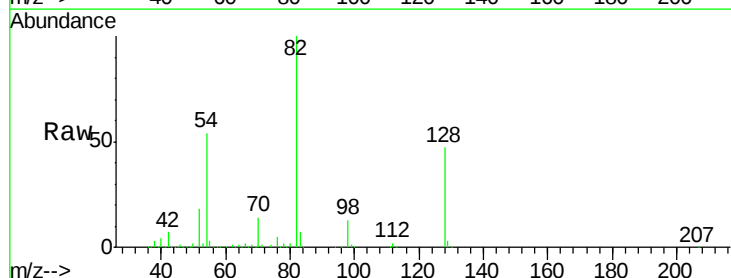
Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

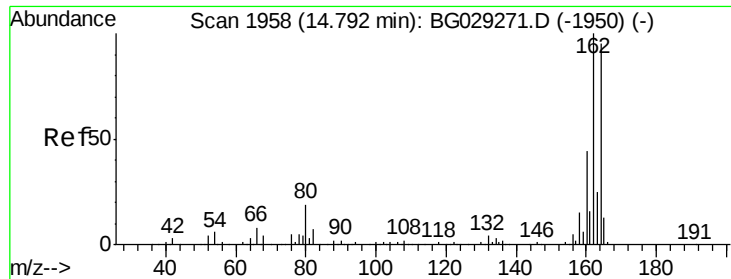
Tgt Ion:	136	Resp:	366514
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.4	10.3	15.5#
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 91.292 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG030492.D
Acq: 27 Oct 2017 11:29

Tgt Ion:	82	Resp:	526535
Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	53.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030492.D

Acq: 27 Oct 2017 11:29

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

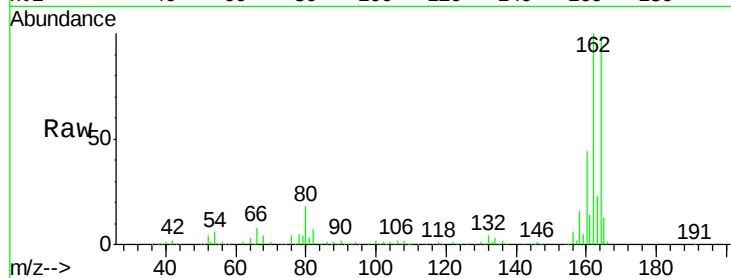
Tgt Ion:164 Resp: 231529

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

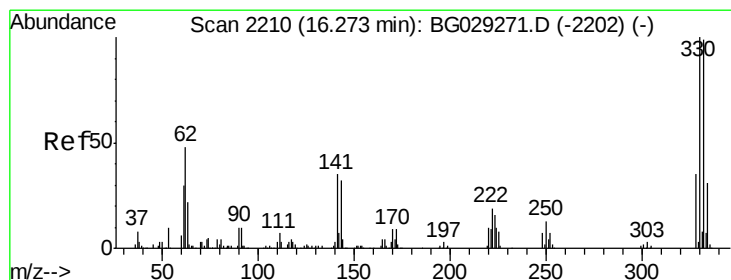
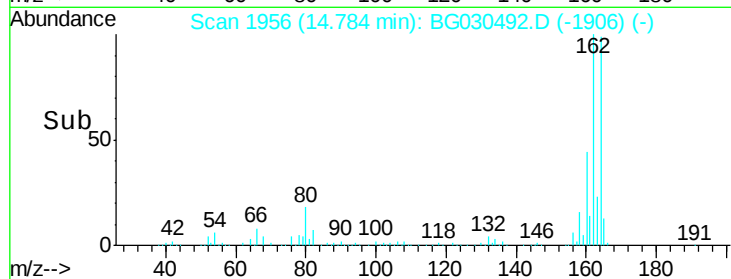
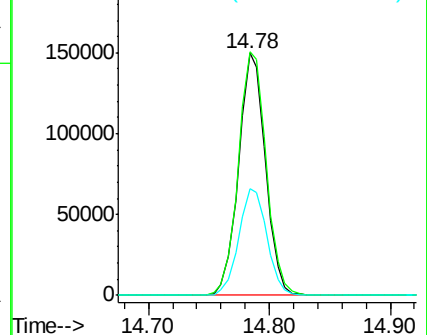
160 43.9 35.4 53.0



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: 143.547 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030492.D

Acq: 27 Oct 2017 11:29

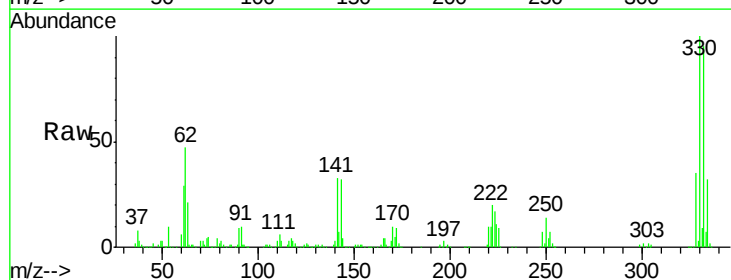
Tgt Ion:330 Resp: 429102

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

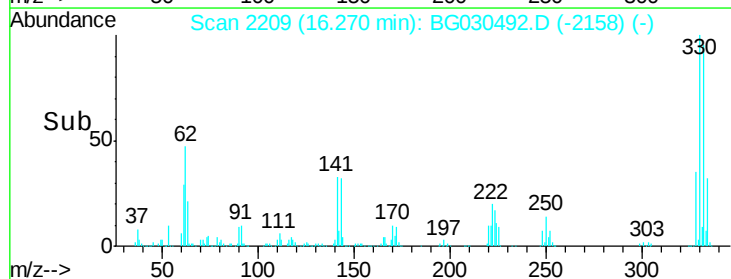
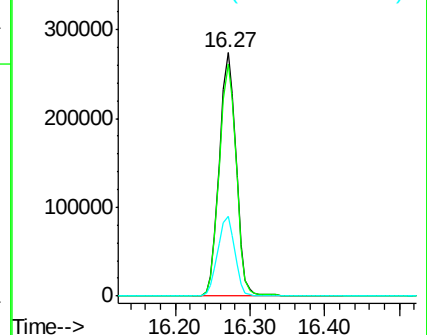
141 33.3 25.2 37.8

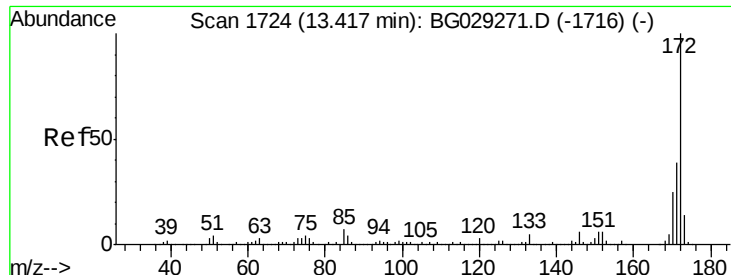


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

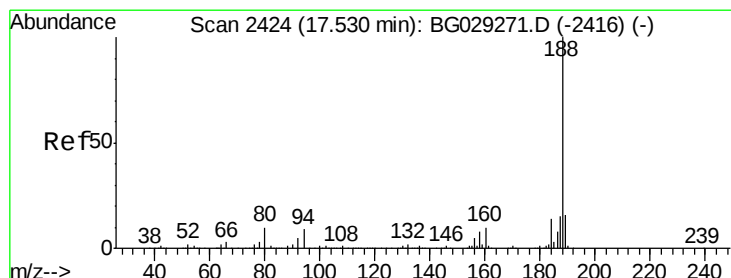
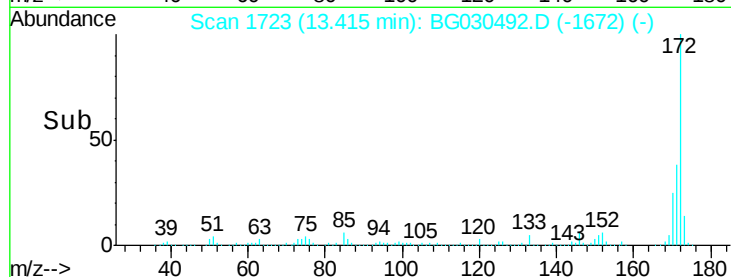
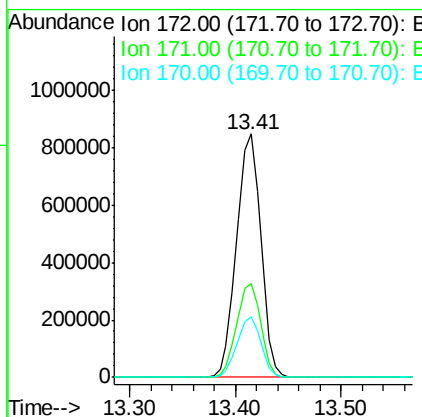
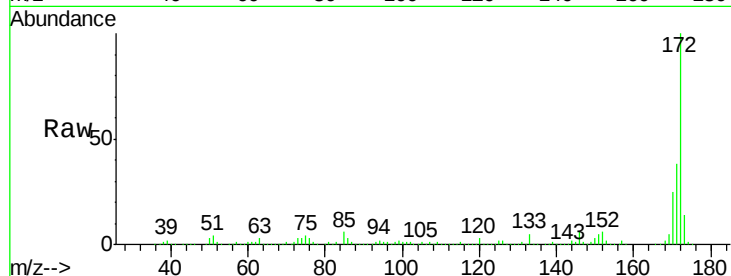




#44
 2-Fluorobiphenyl
 Concen: 85.440 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030492.D
 Acq: 27 Oct 2017 11:29

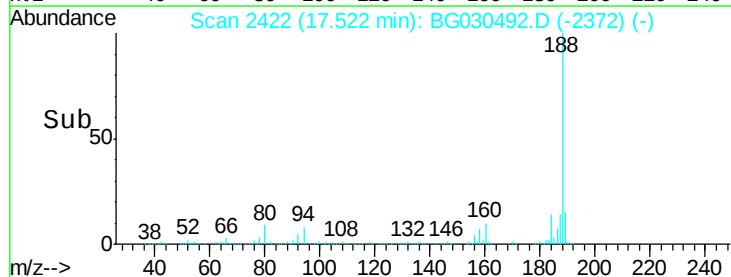
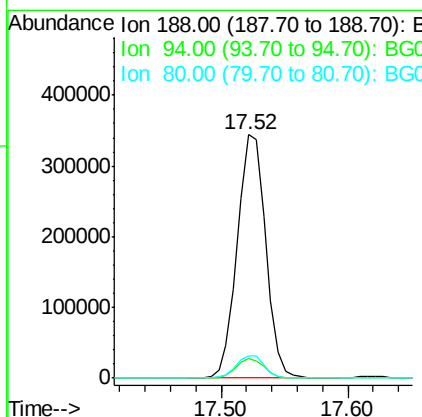
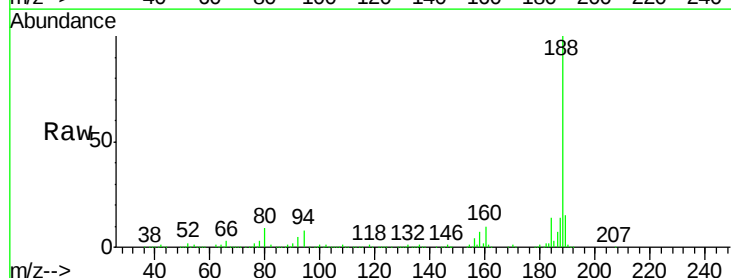
Instrument :
 BNA_G
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 SB-07-COMP

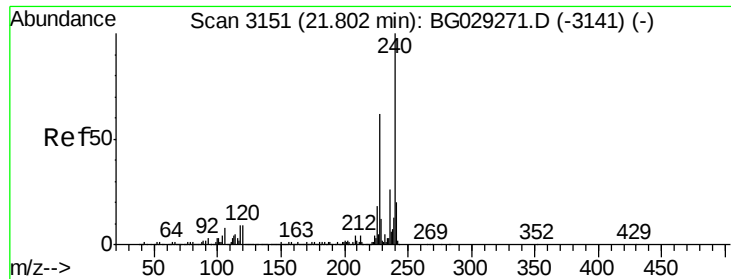
Tgt Ion:172 Resp: 1348771
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030492.D
 Acq: 27 Oct 2017 11:29

Tgt Ion:188 Resp: 534146
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.3 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: BG030492.D

Acq: 27 Oct 2017 11:29

Instrument :

BNA_G

ClientSampleId :

SB-07-COMP

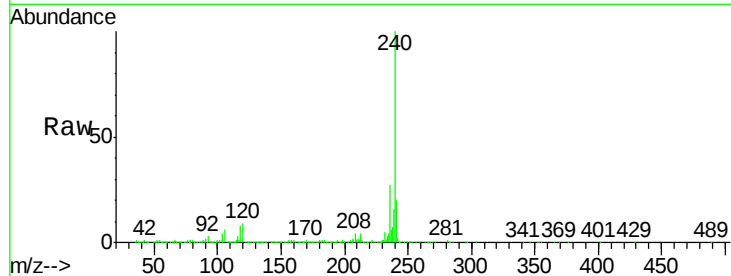
Tgt Ion:240 Resp: 570970

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

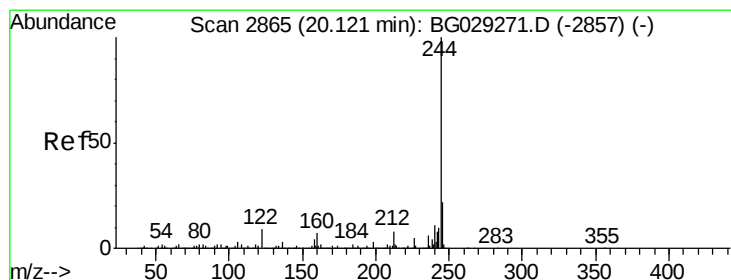
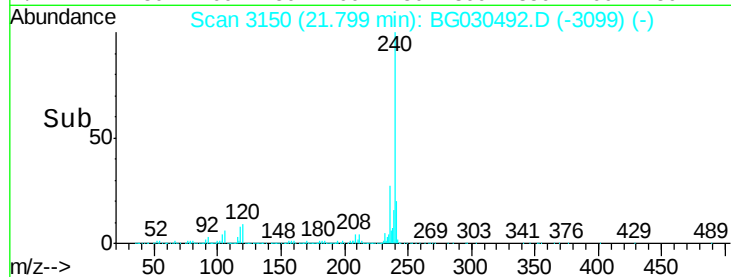
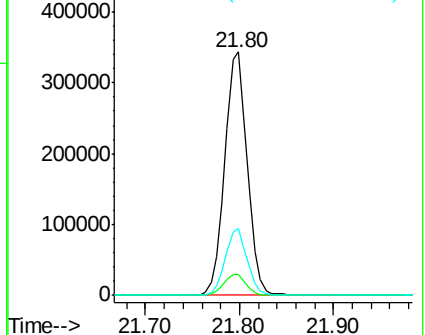
236 27.3 20.9 31.3



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: 80.522 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030492.D

Acq: 27 Oct 2017 11:29

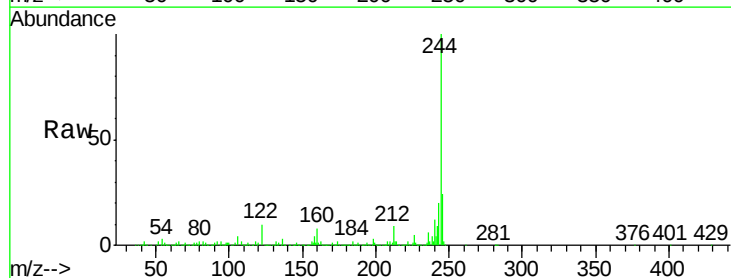
Tgt Ion:244 Resp: 2020959

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

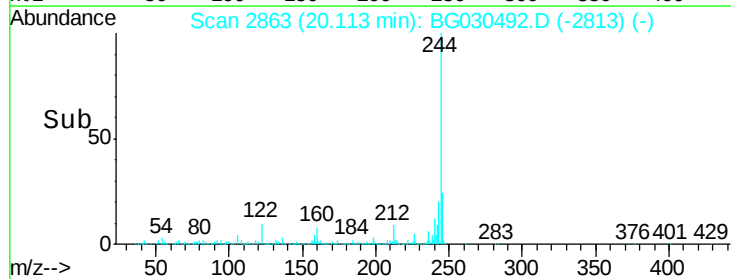
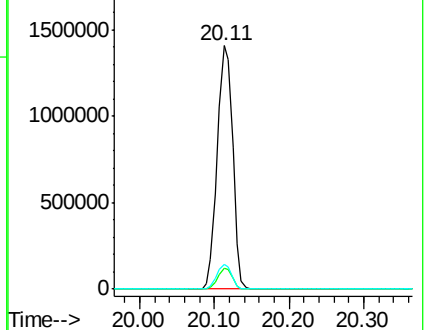
122 10.4 7.0 10.4

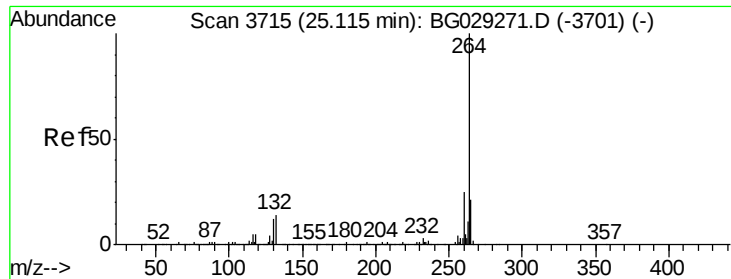


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030492.D
Acq: 27 Oct 2017 11:29

Instrument :
BNA_G
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.5	17.7	26.5

