

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030490.D
 Acq On : 27 Oct 2017 10:10
 Operator : SJ/JU
 Sample : I6024-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Quant Time: Oct 27 14:44:05 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

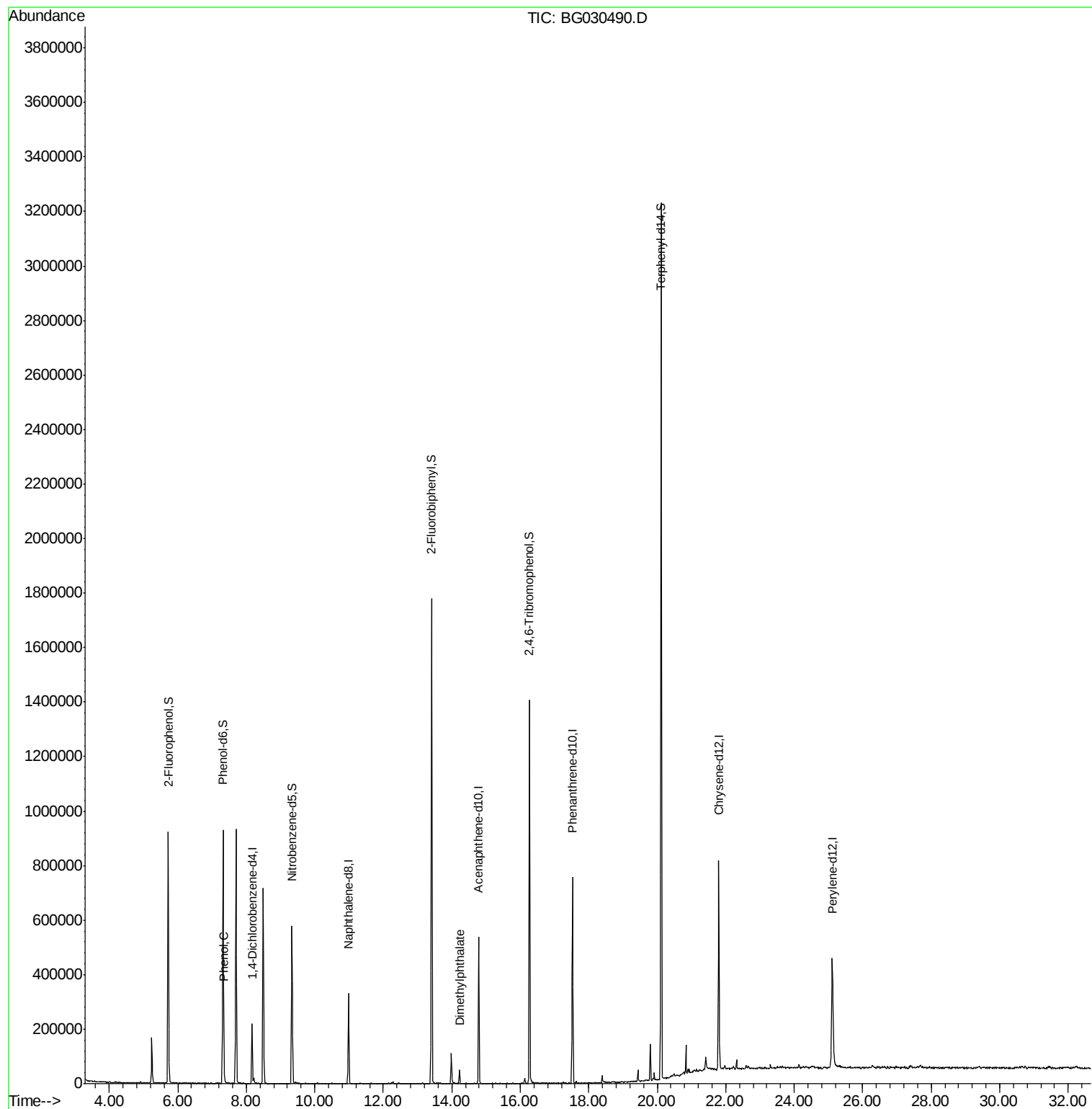
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63946	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	296799	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	191537	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	453806	20.00	ng	0.00
75) Chrysene-d12	21.80	240	481169	20.00	ng	0.00
86) Perylene-d12	25.11	264	484933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	421615	110.14	ng	0.00
7) Phenol-d6	7.32	99	577398	107.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	352961	75.57	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	287991	116.46	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	948652	72.64	ng	0.00
78) Terphenyl-d14	20.12	244	1495951	70.73	ng	0.00
Target Compounds						
10) Phenol	7.35	94	17192	2.968	ng	85
49) Dimethylphthalate	14.23	163	35622	2.384	ng	99

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

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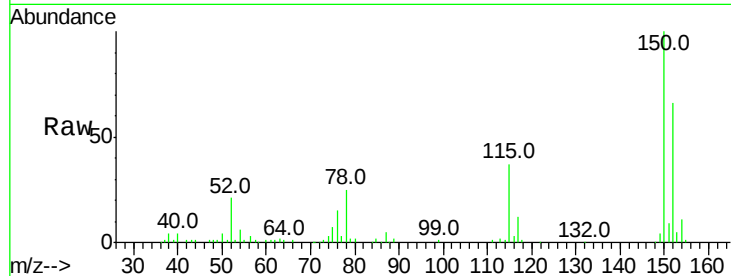


#1

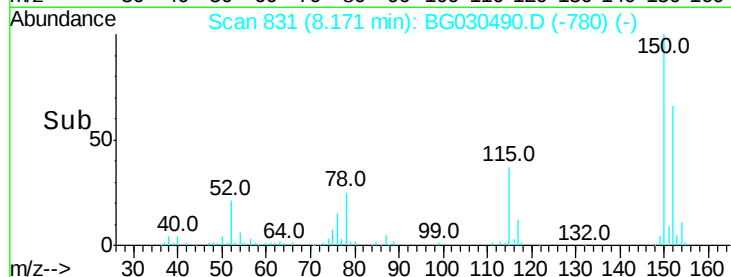
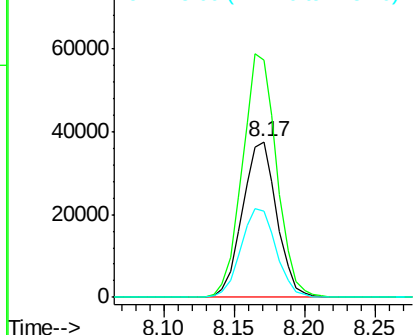
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

Tot Ion:152 Resp: 63946
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 55.8 53.0 79.4



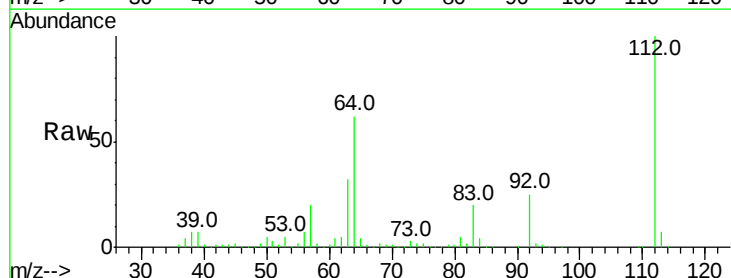
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



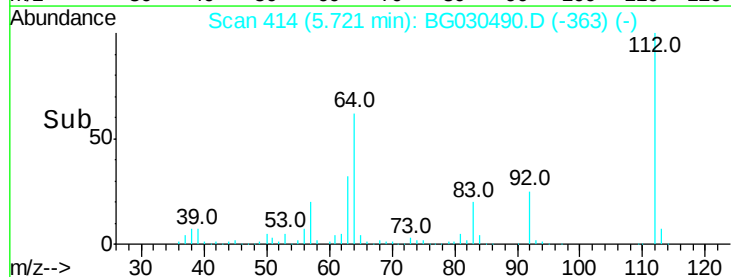
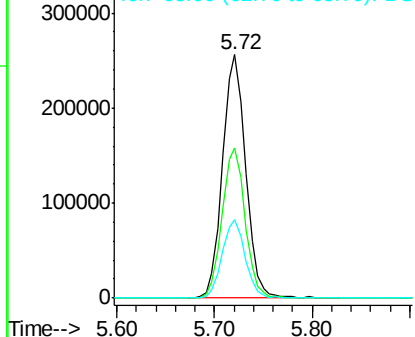
#5

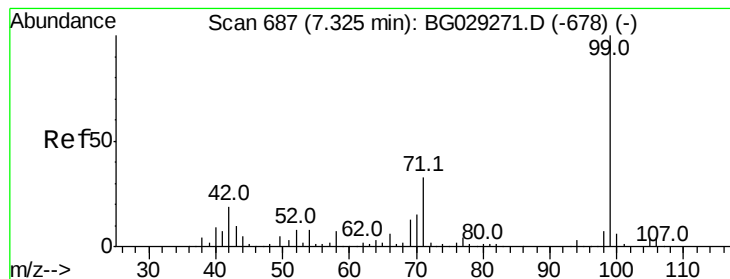
2-Fluorophenol
Concen: 110.145 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Tgt Ion:112 Resp: 421615
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 32.3 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: 107.464 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

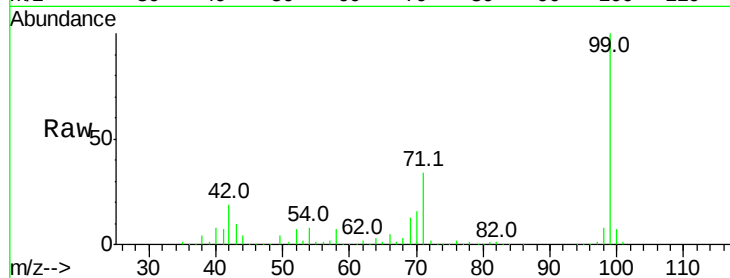
Tot Ion: 99 Resp: 577398

Ion Ratio Lower Upper

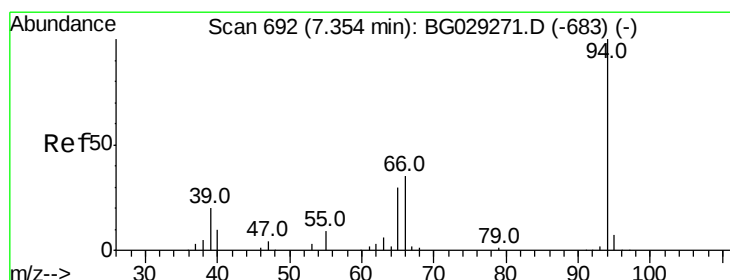
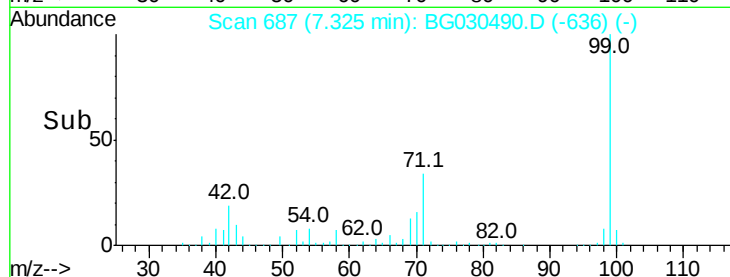
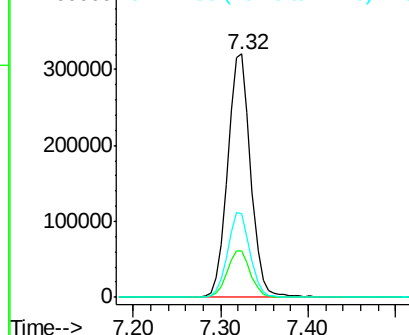
99 100

42 19.3 14.1 21.1

71 34.4 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: 2.968 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

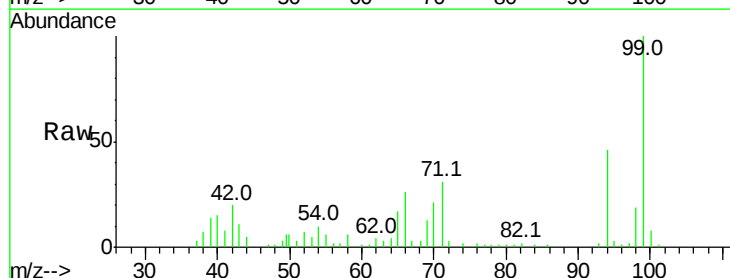
Tgt Ion: 94 Resp: 17192

Ion Ratio Lower Upper

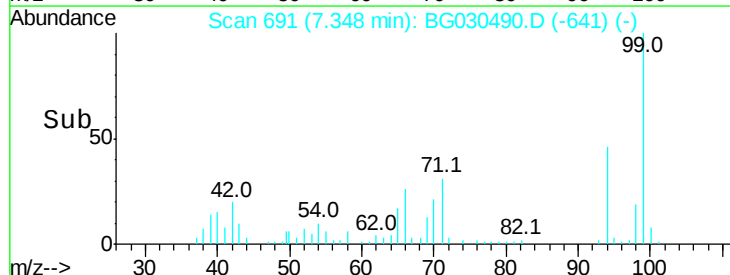
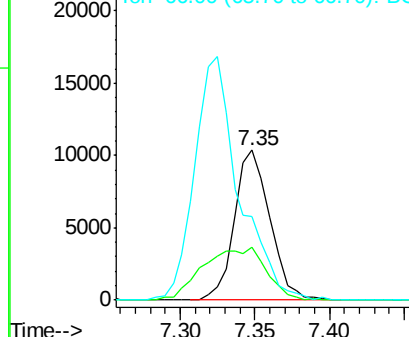
94 100

65 35.6 11.9 51.9

66 56.1 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

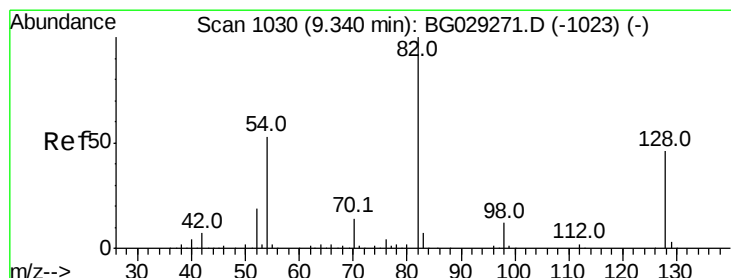
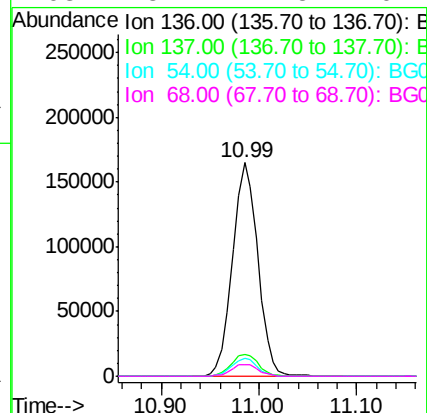
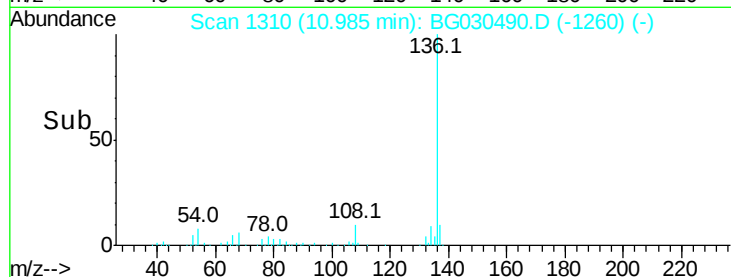
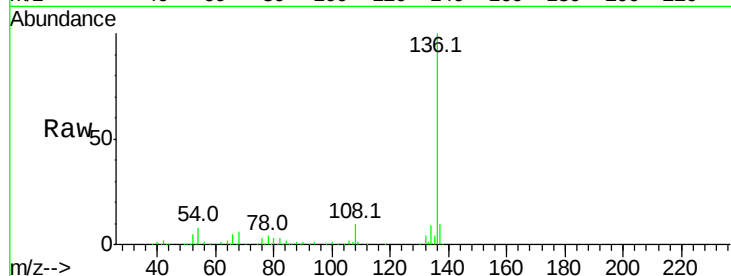




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

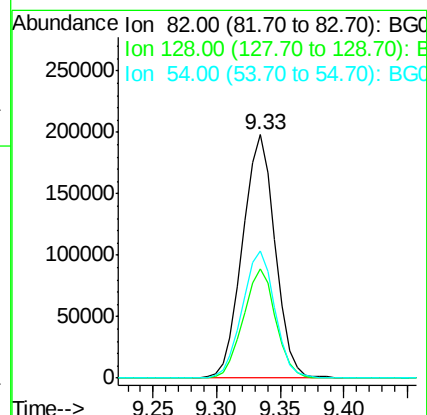
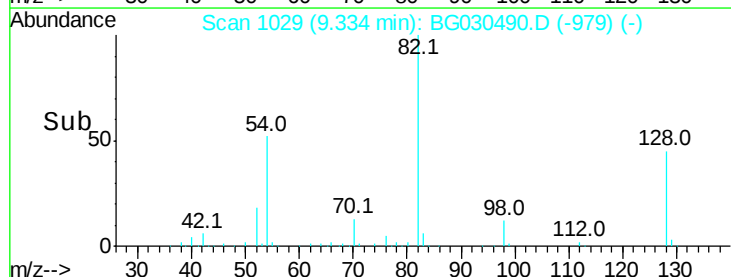
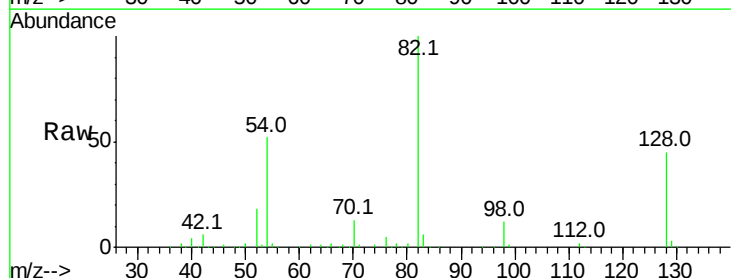
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

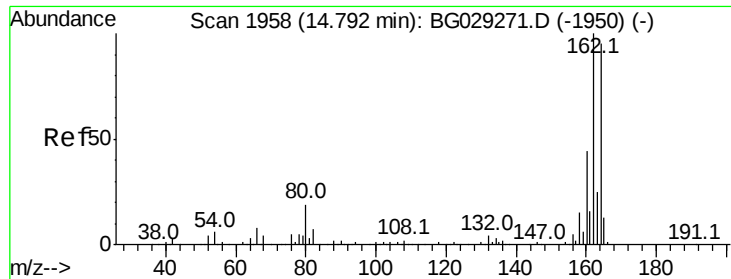
Tot Ion:136	Resp:	296799
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.2	13.8
54 8.5	10.3	15.5#
68 5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 75.572 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Tgt	Ion: 82	Resp:	352961
Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	52.1	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Instrument :

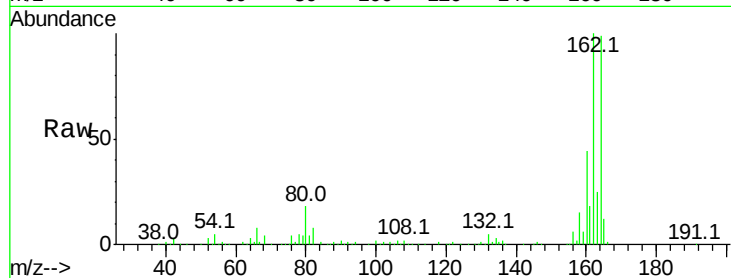
BNA_G

ClientSampleId :

SB-13-COMP

Tot Ion:164 Resp: 191537

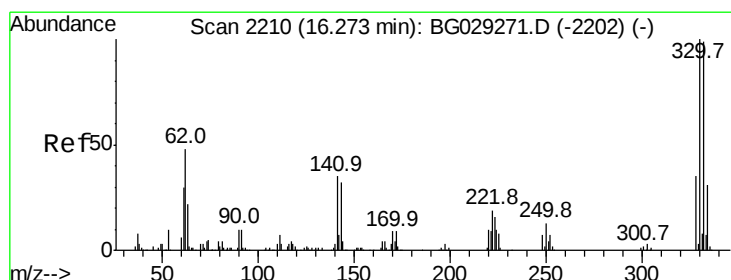
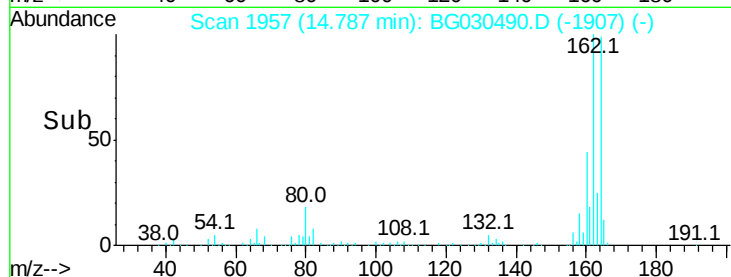
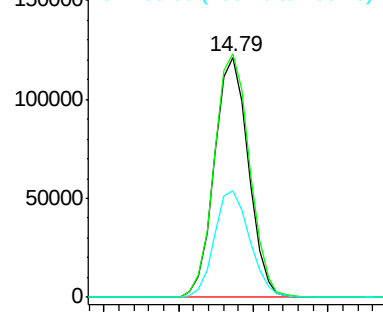
Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.5	35.4	53.0



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: 116.457 ng

RT: 16.27 min Scan# 2209

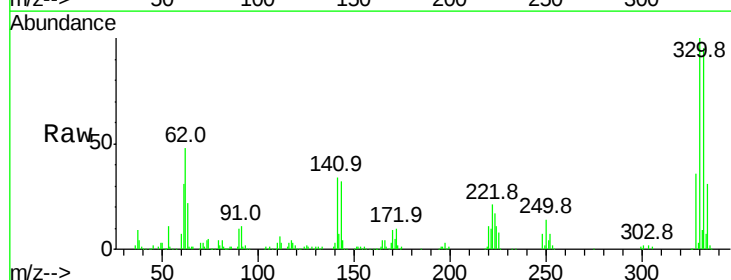
Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Tgt Ion:330 Resp: 287991

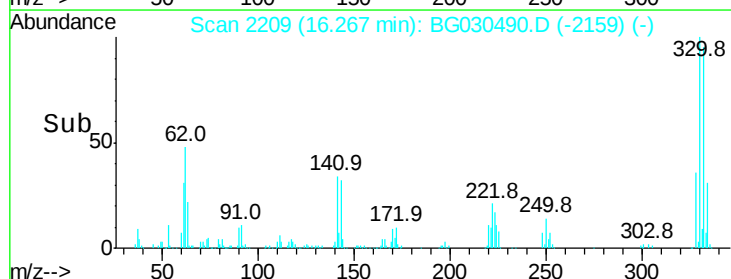
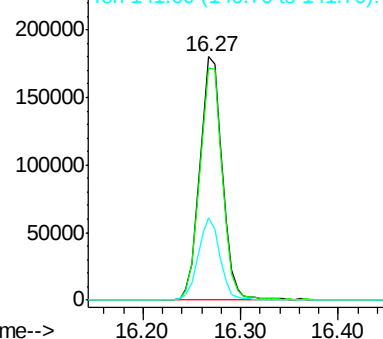
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.0	25.2	37.8



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

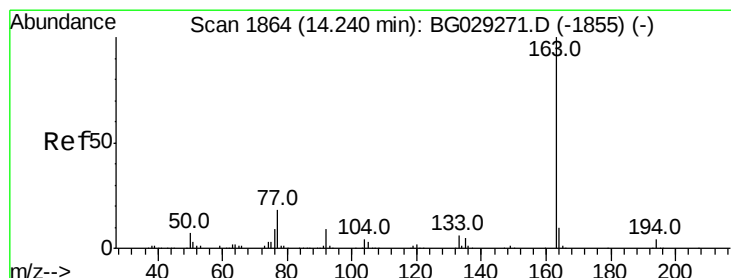
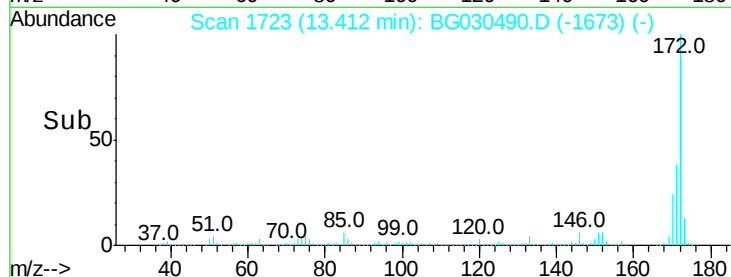
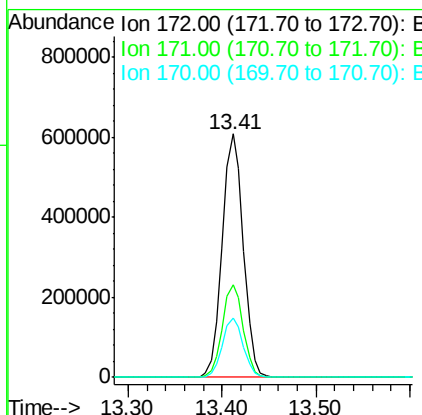
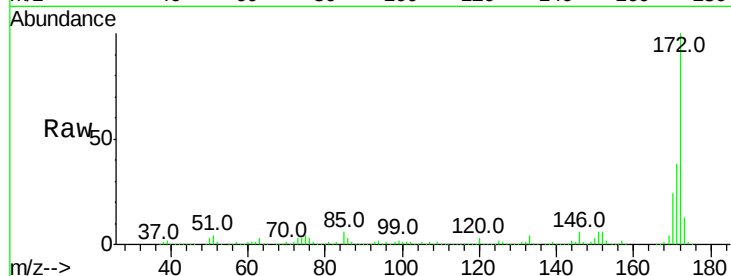




#44
 2-Fluorobiphenyl
 Concen: 72.641 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

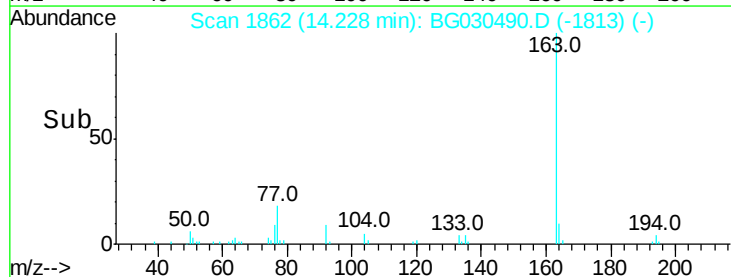
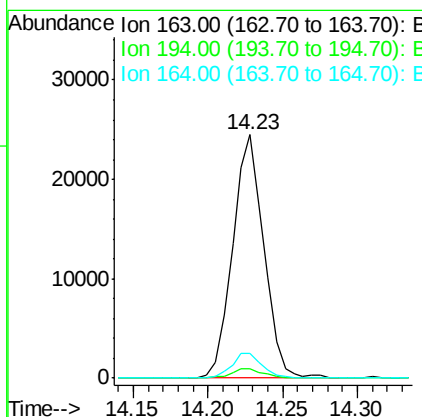
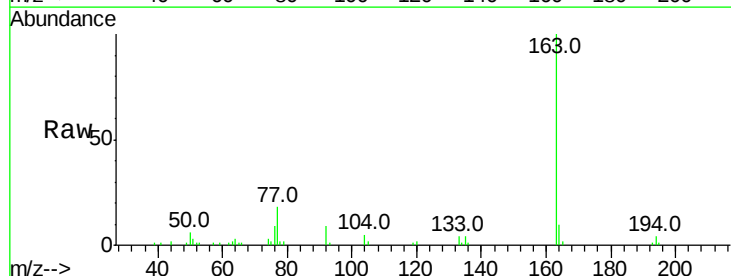
Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

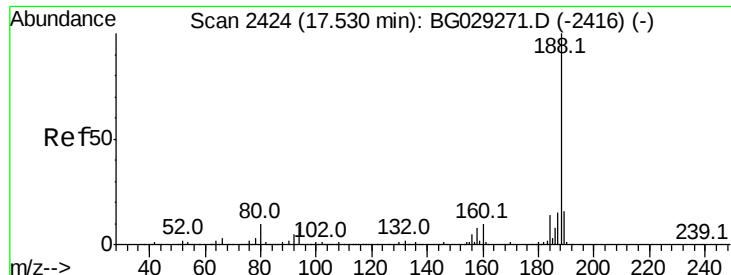
Tot Ion:172 Resp: 948652
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.4 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.384 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG030490.D
 Acq: 27 Oct 2017 10:10

Tgt Ion:163 Resp: 35622
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.4 5.2
 164 9.9 8.2 12.4

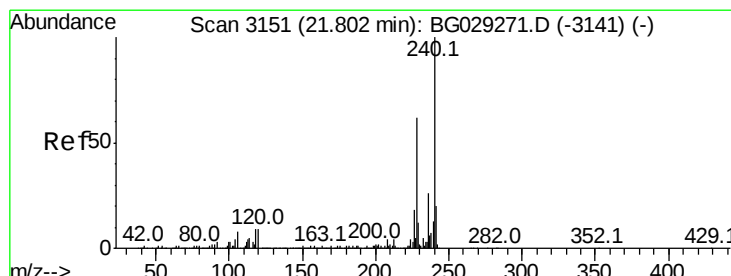
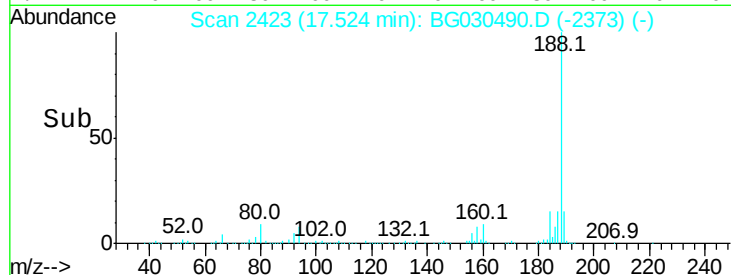
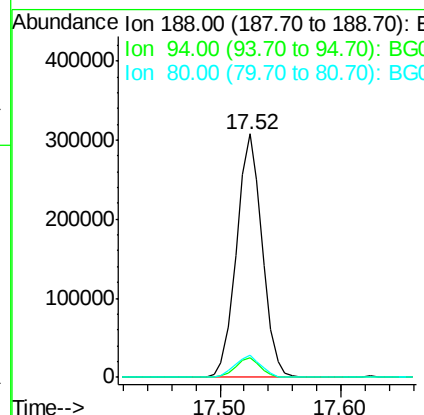
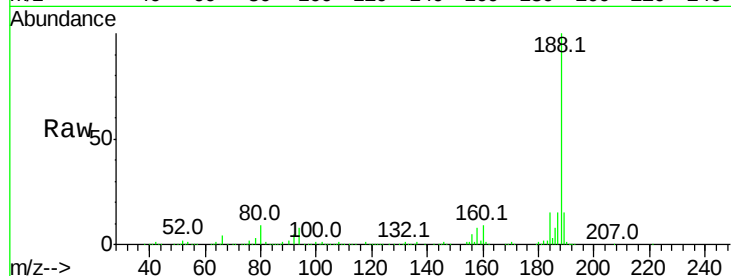




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

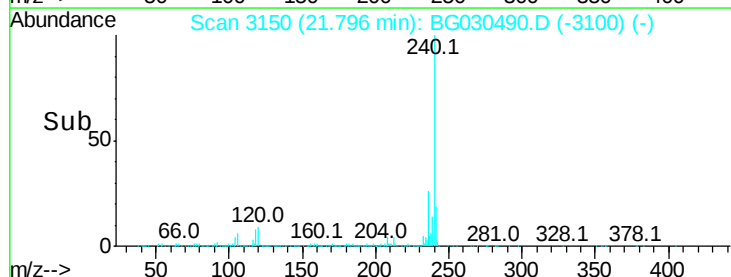
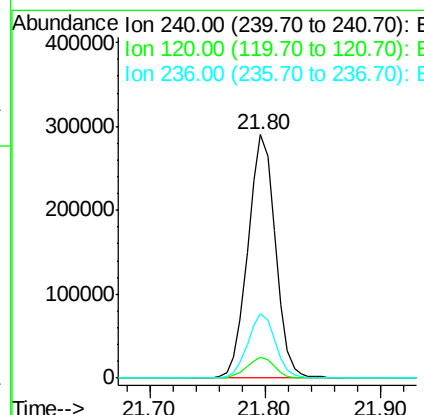
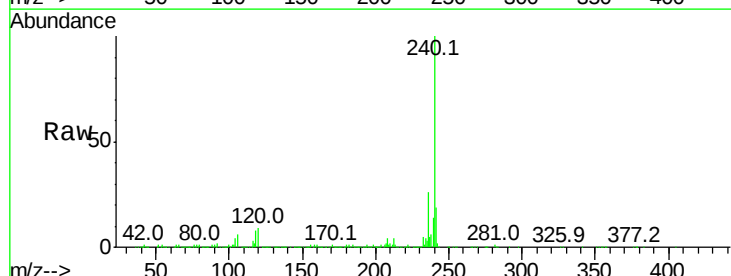
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

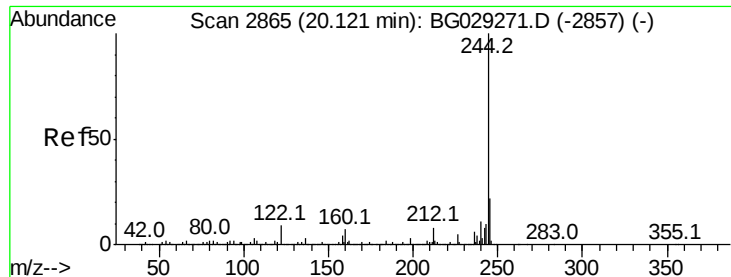
Tot Ion:188 Resp: 453806
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030490.D
Acq: 27 Oct 2017 10:10

Tgt Ion:240 Resp: 481169
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 70.727 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Instrument :

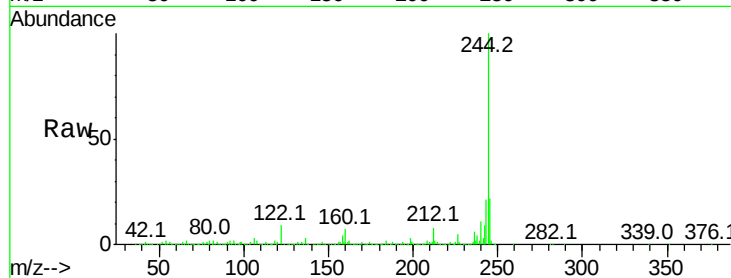
BNA_G

ClientSampled :

SB-13-COMP

Tot Ion:244 Resp: 1495951

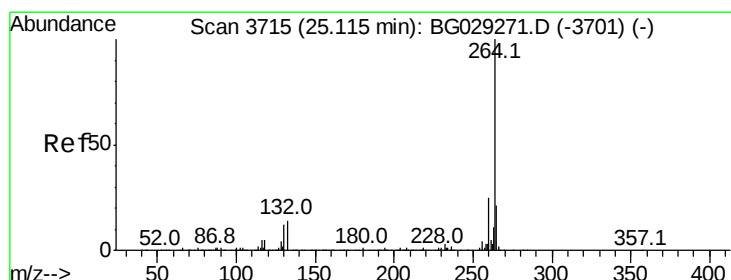
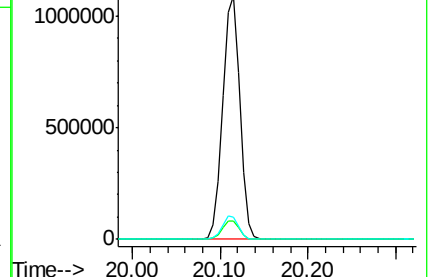
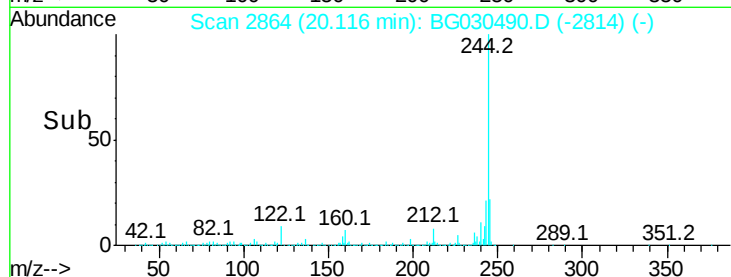
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	9.1	7.0	10.4



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

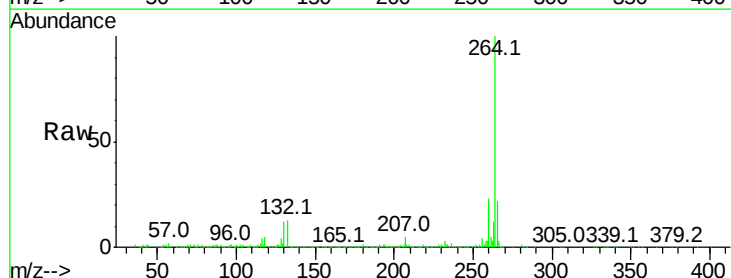
Delta R.T. -0.01 min

Lab File: BG030490.D

Acq: 27 Oct 2017 10:10

Tgt Ion:264 Resp: 484933

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5



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

