

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031262.D
 Acq On : 28 Nov 2017 21:44
 Operator : SJ/JU
 Sample : I6590-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB08-FD

Quant Time: Nov 29 07:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

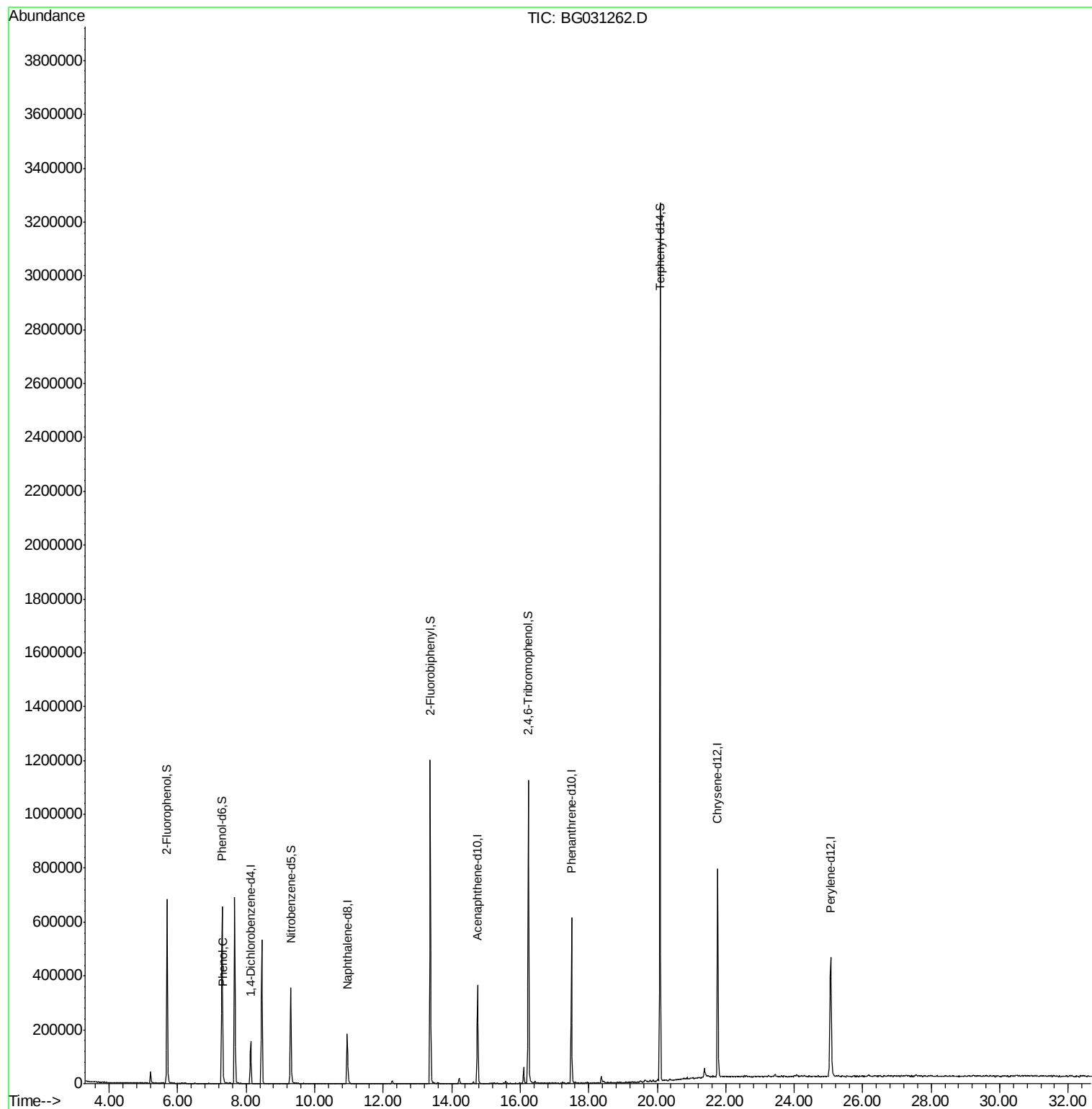
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	50350	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	208292	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	143969	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	414167	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	522772	20.00	ng	-0.02
86) Perylene-d12	25.06	264	515156	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	344307	117.26	ng	-0.02
7) Phenol-d6	7.30	99	445940	112.73	ng	0.00
23) Nitrobenzene-d5	9.30	82	251705	71.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	239003	102.62	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	740460	73.90	ng	-0.02
78) Terphenyl-d14	20.08	244	1591961	67.24	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	10971	2.671	ng	Qvalue # 74

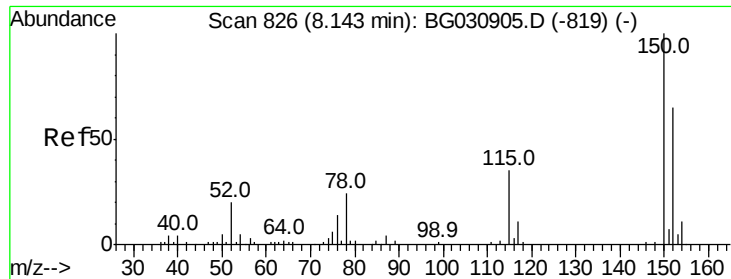
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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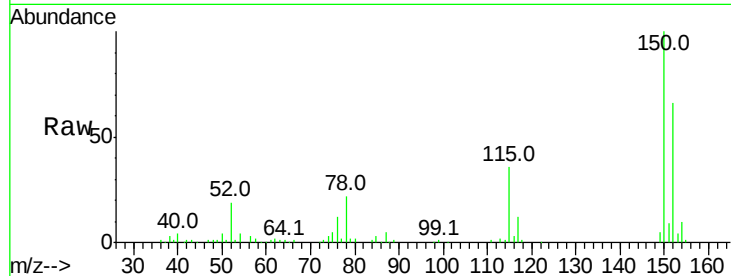


#1

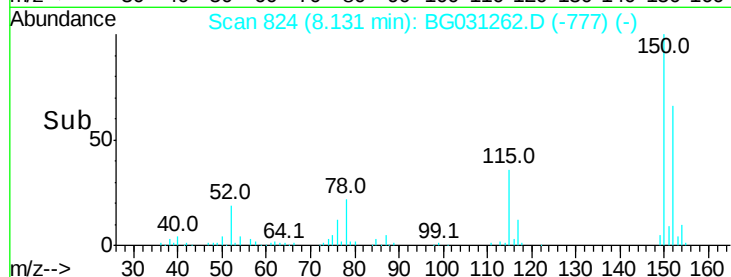
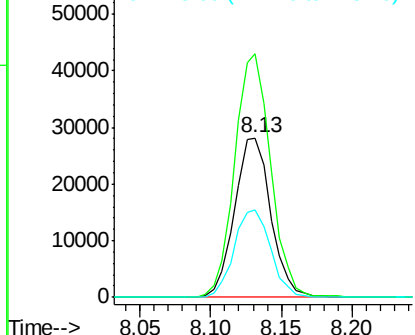
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampleId :
BSC-SB08-FD

Tot Ion:152 Resp: 50350
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 54.5 53.0 79.4



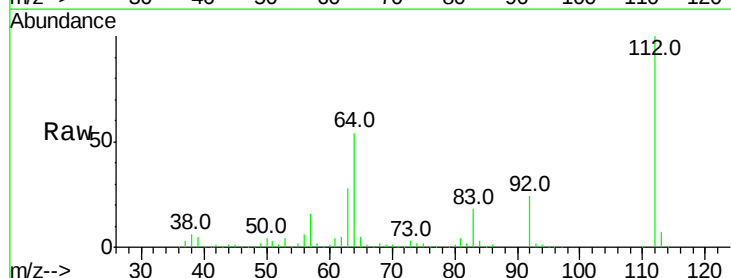
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



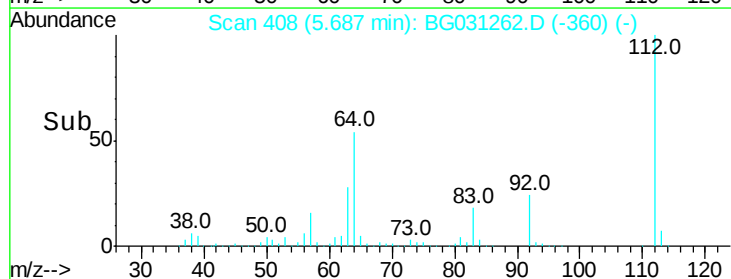
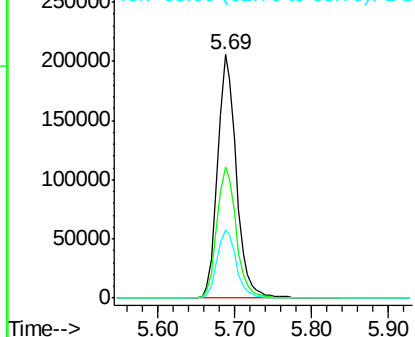
#5

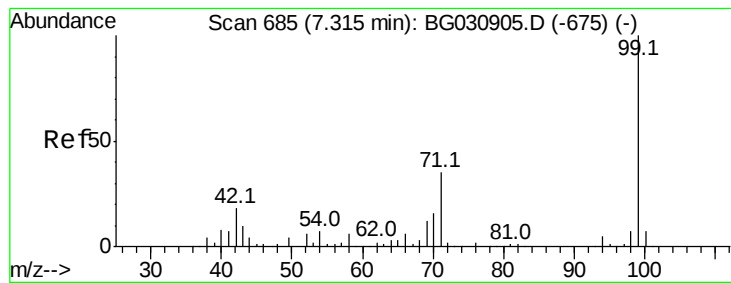
2-Fluorophenol
Concen: 117.260 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion:112 Resp: 344307
Ion Ratio Lower Upper
112 100
64 53.8 56.3 84.5#
63 28.3 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: 112.731 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampleId :

BSC-SB08-FD

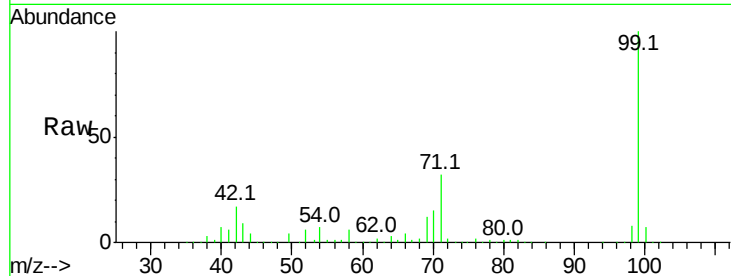
Tot Ion: 99 Resp: 445940

Ion Ratio Lower Upper

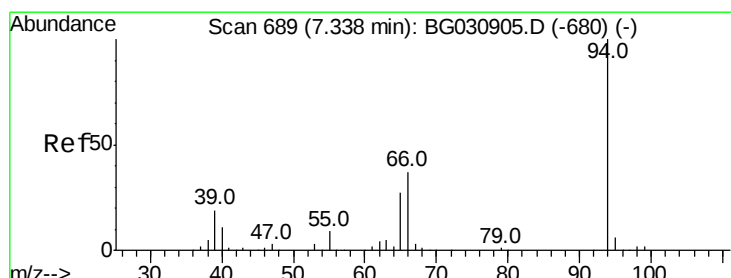
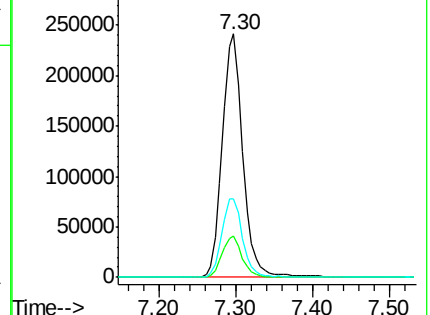
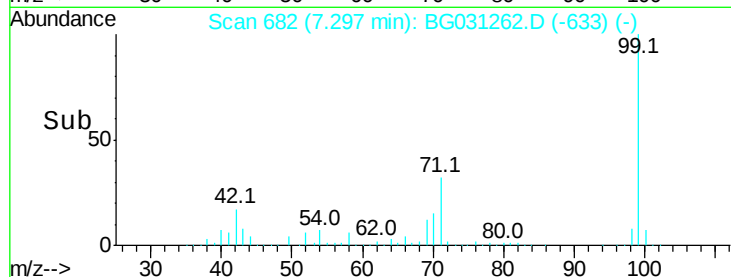
99 100

42 17.1 14.1 21.1

71 32.1 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: 2.671 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

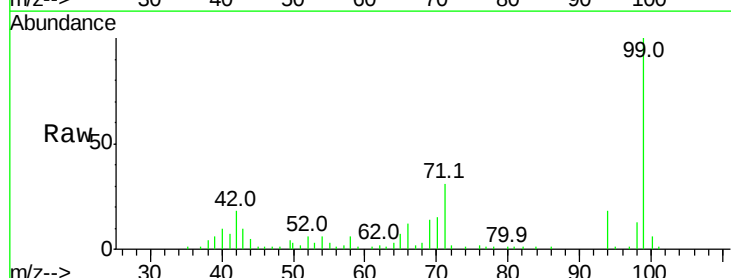
Tgt Ion: 94 Resp: 10971

Ion Ratio Lower Upper

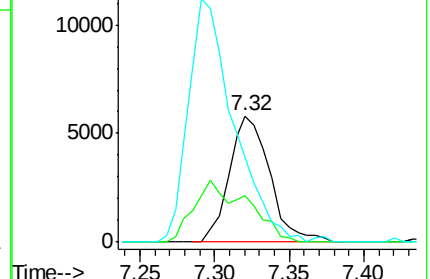
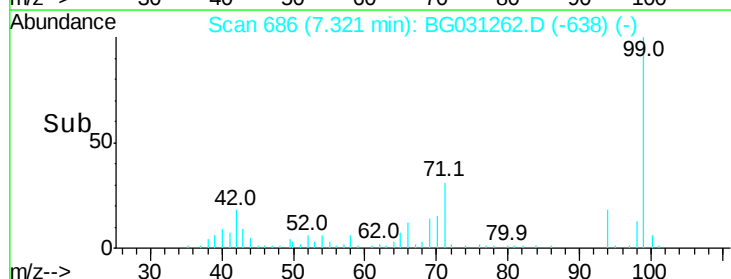
94 100

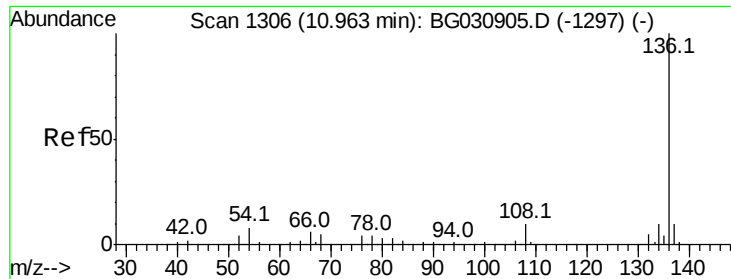
65 37.1 11.9 51.9

66 67.2 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

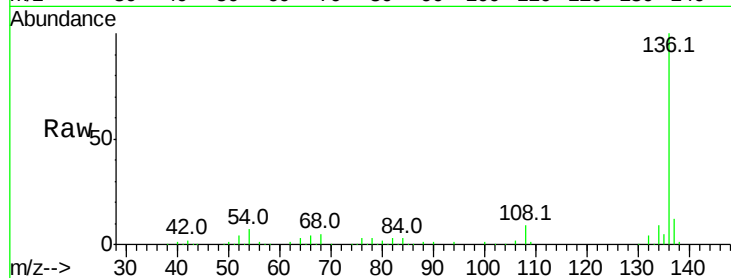




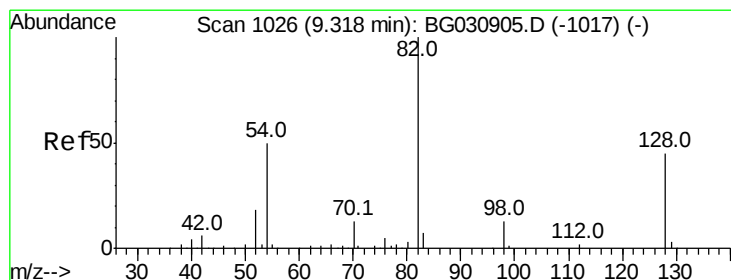
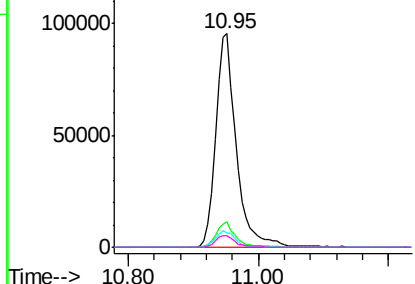
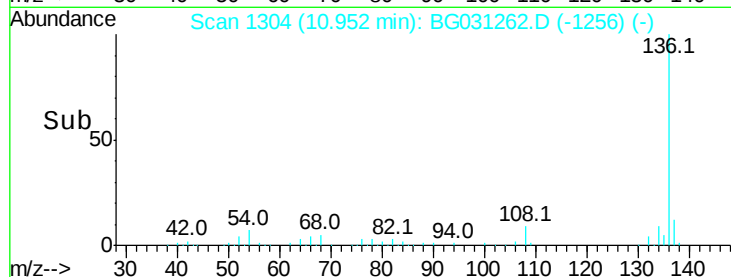
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampleId :
BSC-SB08-FD

Tot Ion:136 Resp: 208292
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 6.5 10.3 15.5#
68 5.4 4.5 6.7

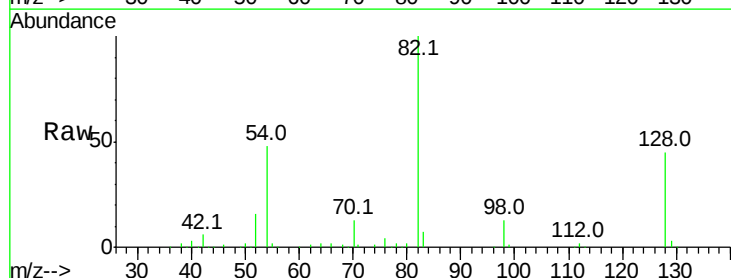


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

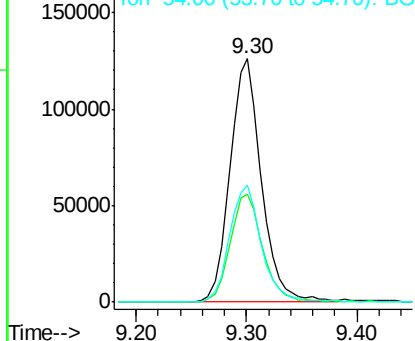
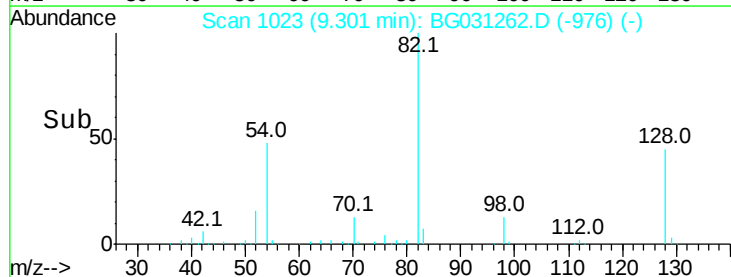


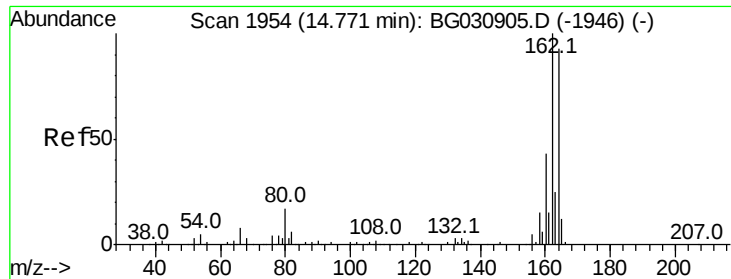
#23
Nitrobenzene-d5
Concen: 71.607 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Tgt Ion: 82 Resp: 251705
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5
54 48.0 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampleId :

BSC-SB08-FD

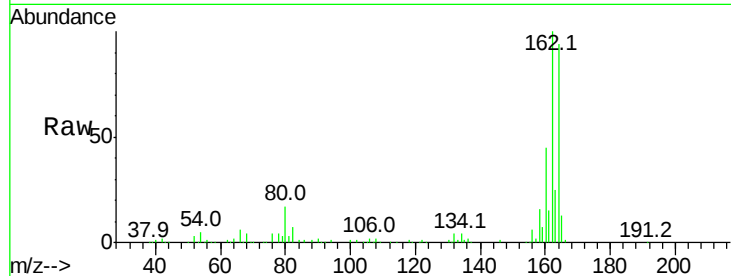
Tot Ion:164 Resp: 143969

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

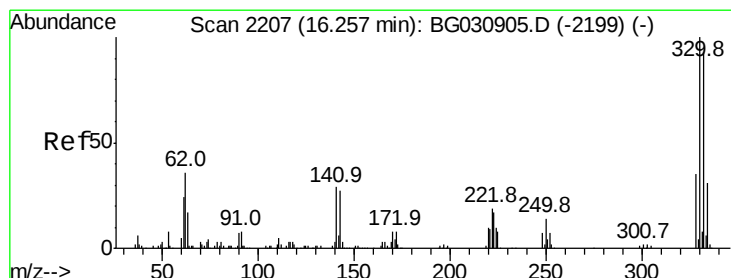
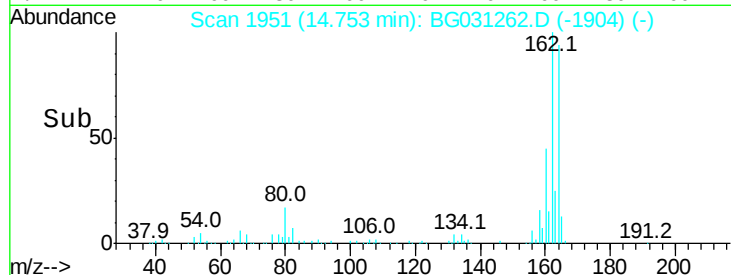
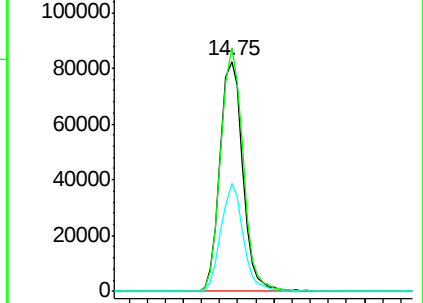
160 47.2 35.4 53.0



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: 102.623 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

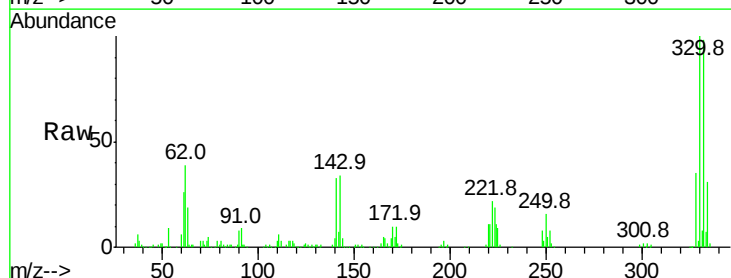
Tgt Ion:330 Resp: 239003

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

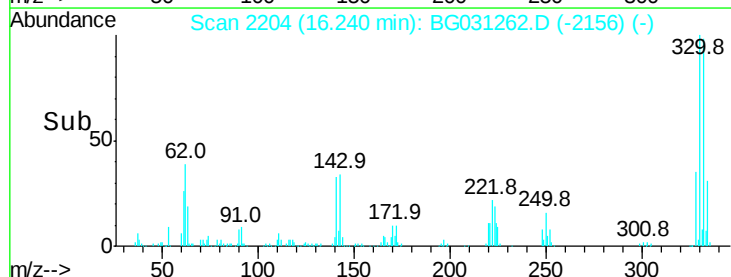
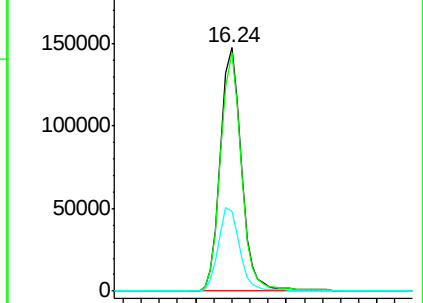
141 34.7 25.2 37.8

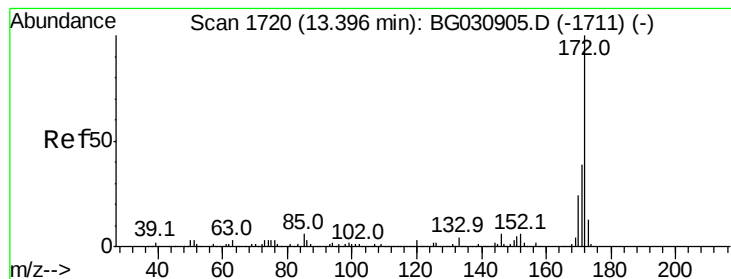


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.902 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampleId :

BSC-SB08-FD

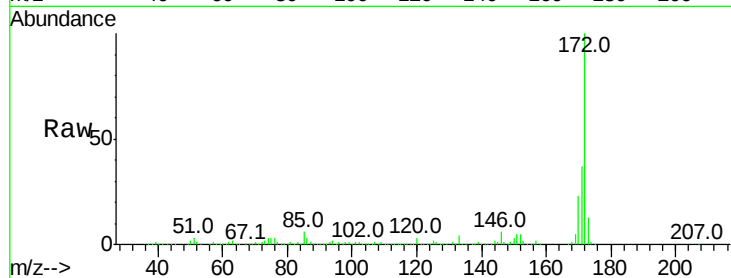
Tot Ion:172 Resp: 740460

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

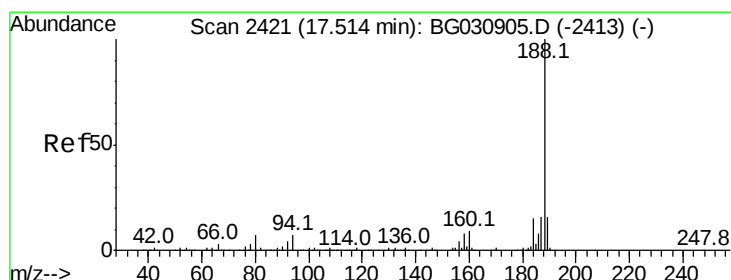
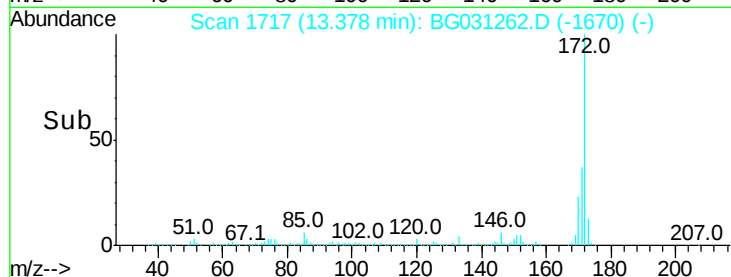
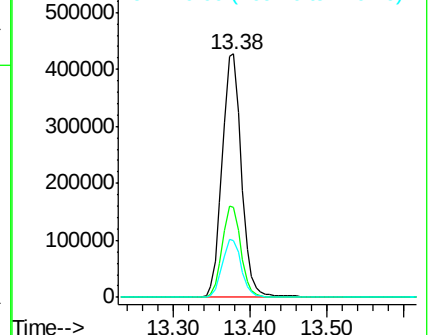
170 23.4 19.5 29.3



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: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

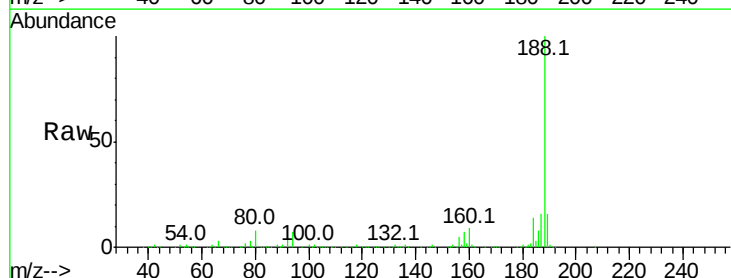
Tgt Ion:188 Resp: 414167

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

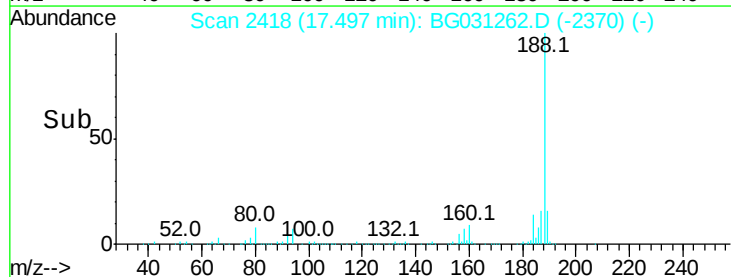
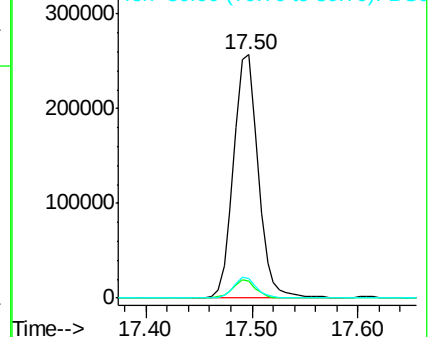
80 7.9 7.7 11.5

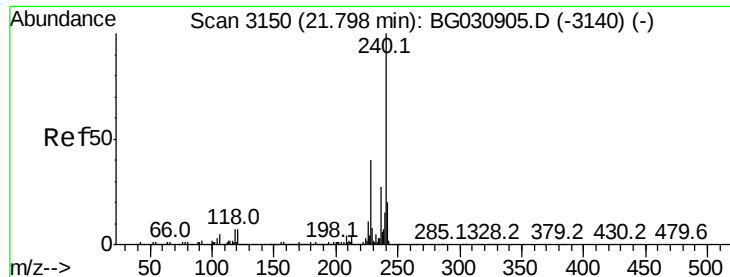


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

Instrument :

BNA_G

ClientSampleId :

BSC-SB08-FD

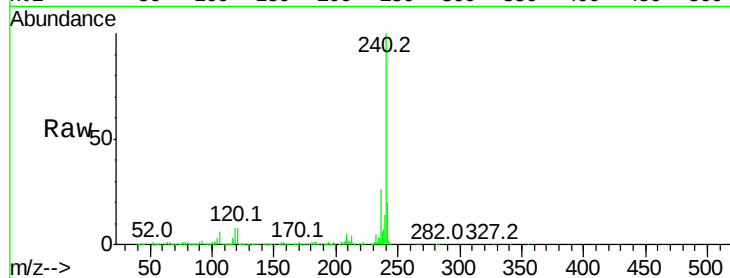
Tot Ion:240 Resp: 522772

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

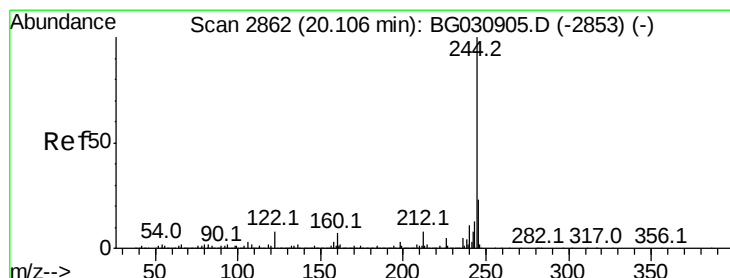
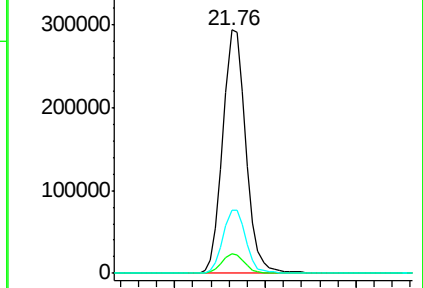
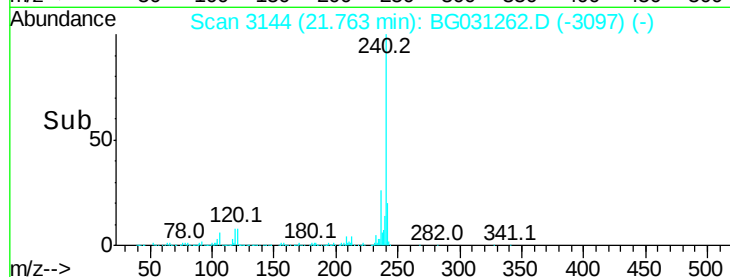
236 25.7 20.9 31.3



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: 67.241 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031262.D

Acq: 28 Nov 2017 21:44

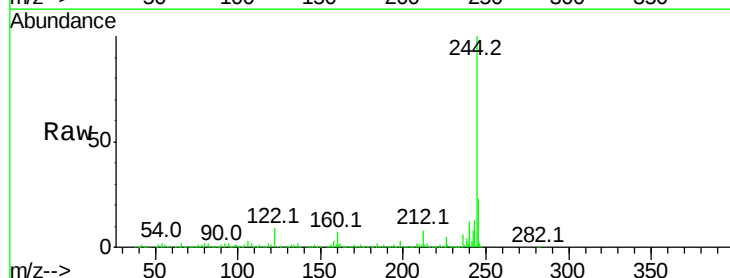
Tgt Ion:244 Resp: 1591961

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

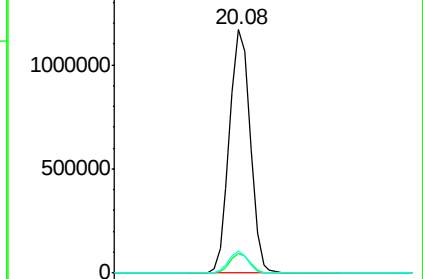
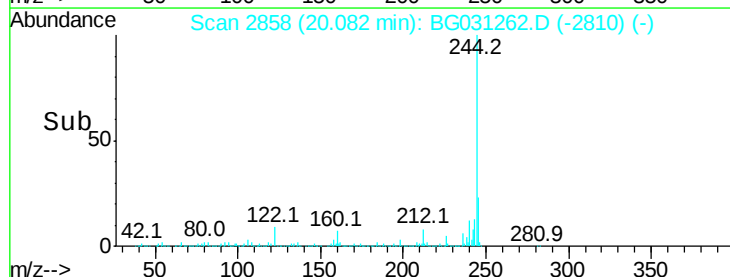
122 8.9 7.0 10.4



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: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031262.D
Acq: 28 Nov 2017 21:44

Instrument :
BNA_G
ClientSampleId :
BSC-SB08-FD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.7	17.7	26.5

