

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031266.D
 Acq On : 29 Nov 2017 00:14
 Operator : SJ/JU
 Sample : I6590-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB08

Quant Time: Nov 29 07:42:17 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

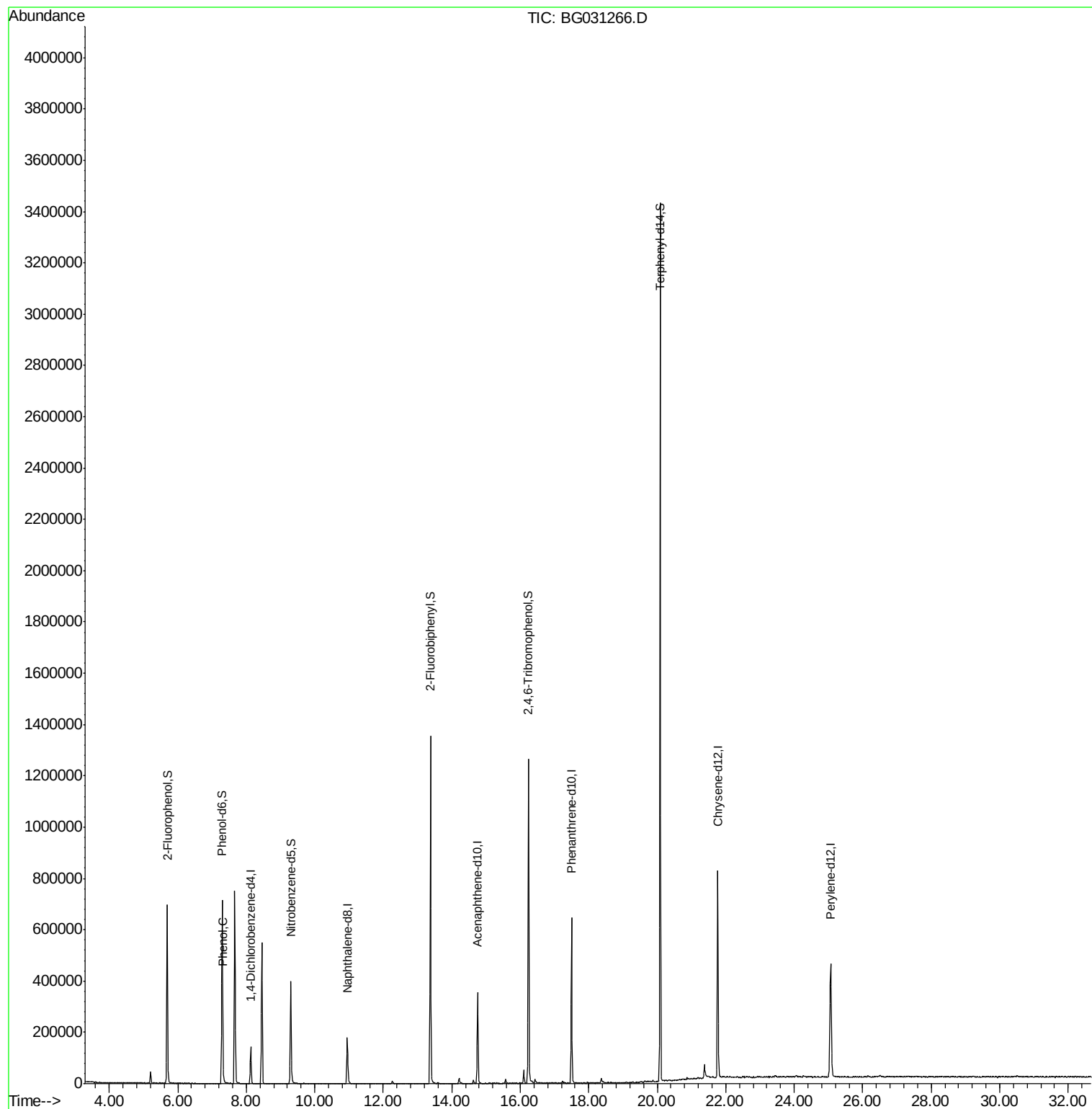
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44399	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	193207	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	140890	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	421101	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	512977	20.00	ng	-0.02
86) Perylene-d12	25.06	264	501164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	360334	139.17	ng	-0.02
7) Phenol-d6	7.29	99	478678	137.23	ng	-0.01
23) Nitrobenzene-d5	9.30	82	272508	83.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	268278	117.71	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	785463	80.11	ng	-0.02
78) Terphenyl-d14	20.08	244	1665516	71.69	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	11309	3.122	ng	Qvalue # 72

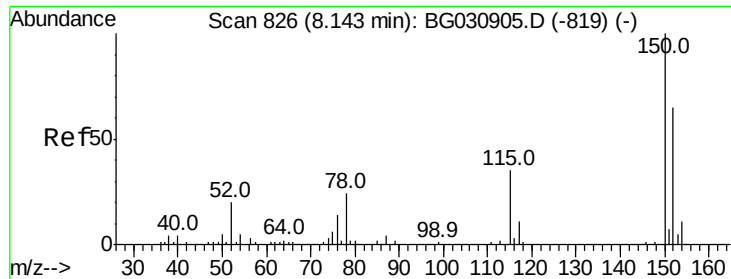
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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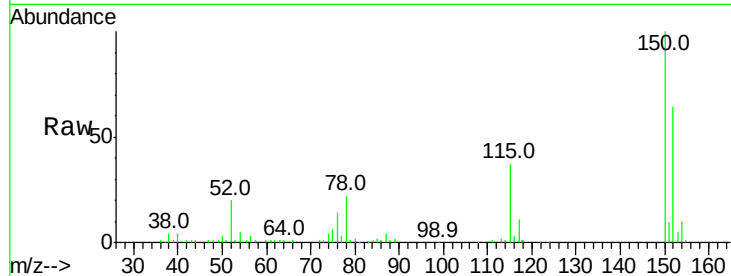


#1

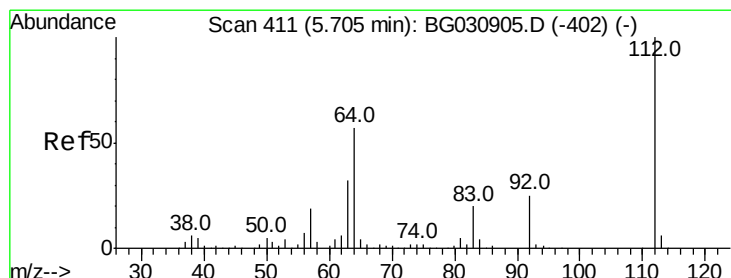
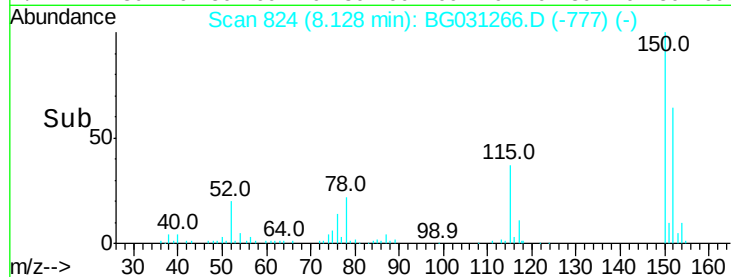
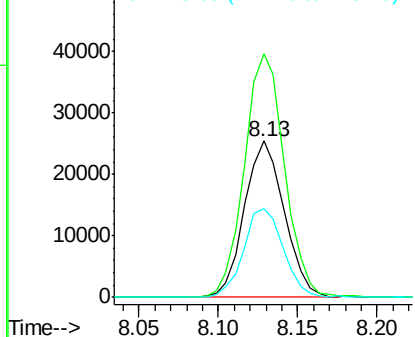
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB08

Tot Ion:152 Resp: 44399
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.6 189.8
 115 57.0 53.0 79.4



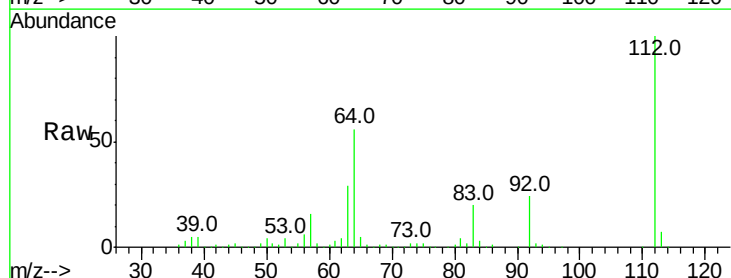
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



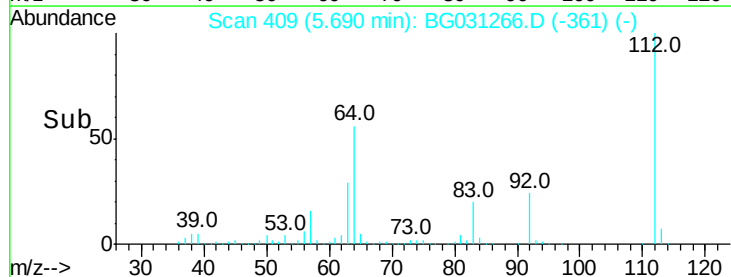
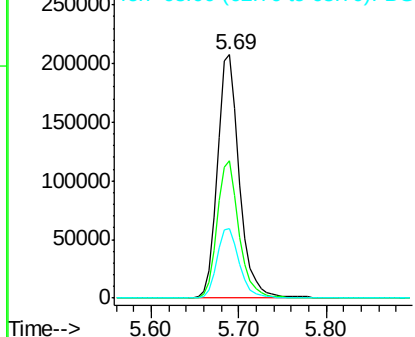
#5

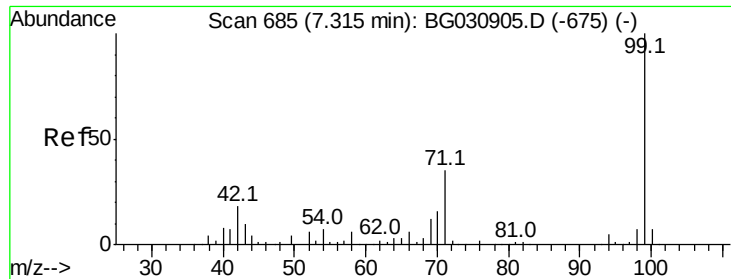
2-Fluorophenol
 Concen: 139.167 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

Tgt Ion:112 Resp: 360334
 Ion Ratio Lower Upper
 112 100
 64 56.4 56.3 84.5
 63 28.7 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: 137.226 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampled :

BSC-SB08

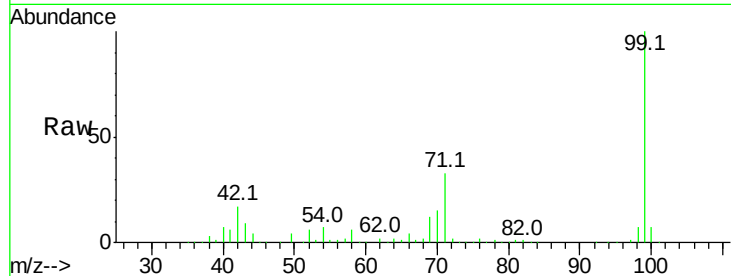
Tot Ion: 99 Resp: 478678

Ion Ratio Lower Upper

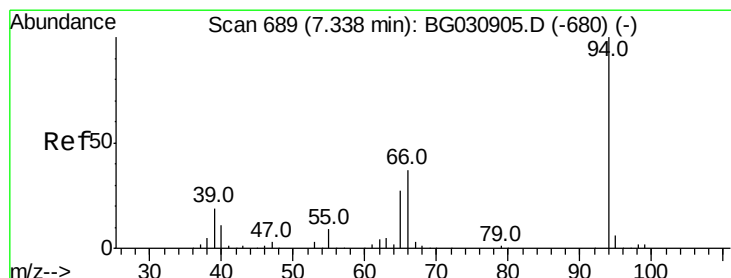
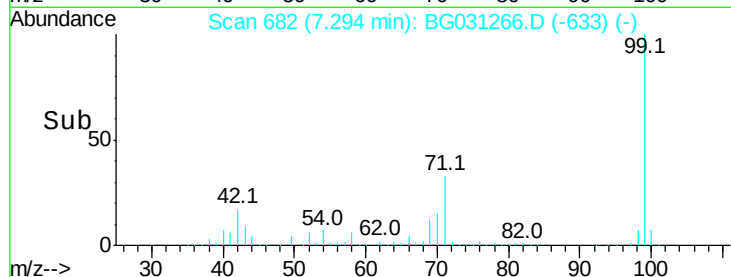
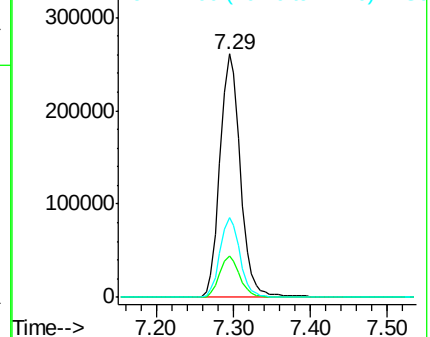
99 100

42 16.8 14.1 21.1

71 33.0 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: 3.122 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

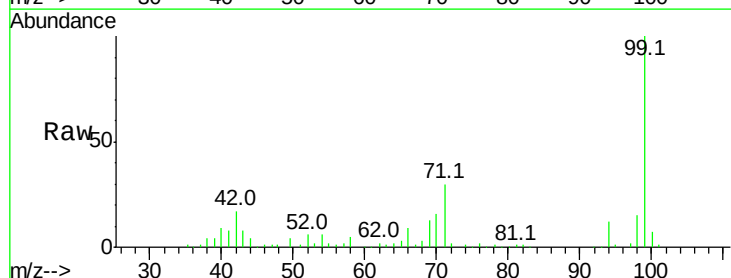
Tgt Ion: 94 Resp: 11309

Ion Ratio Lower Upper

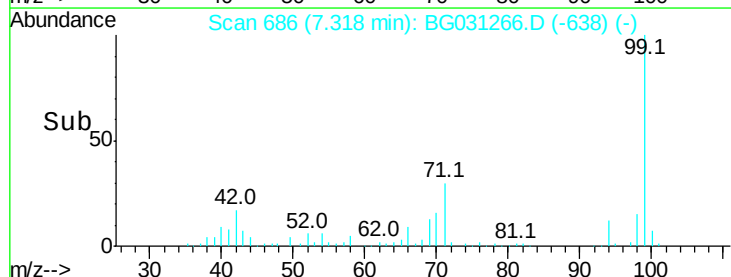
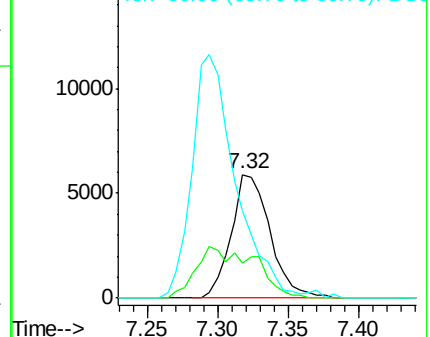
94 100

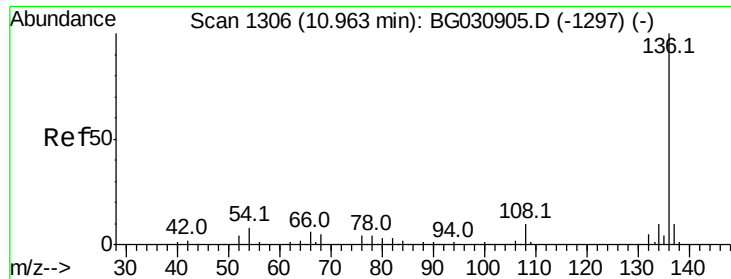
65 28.3 11.9 51.9

66 70.4 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

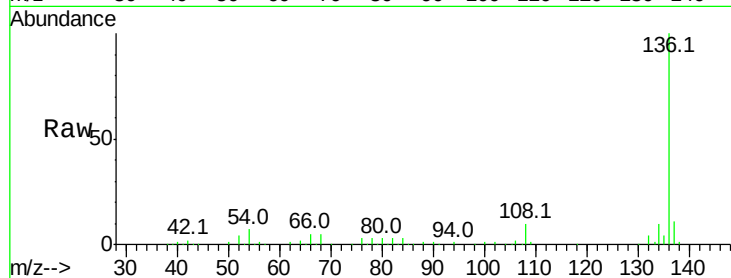




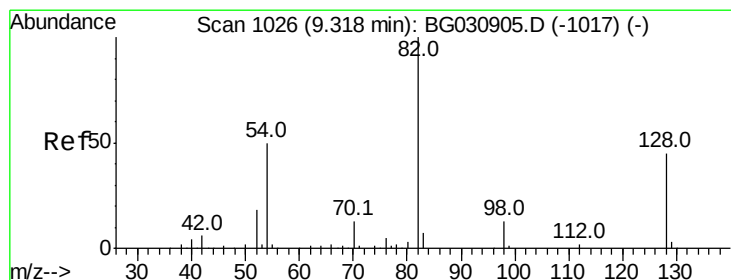
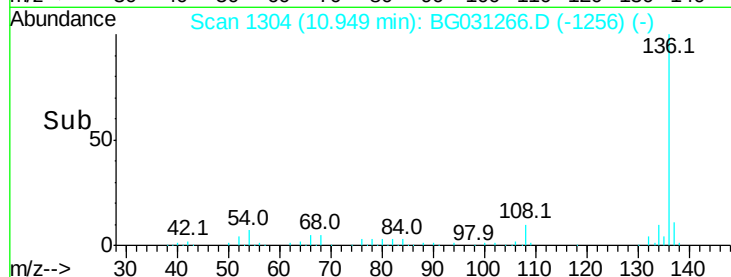
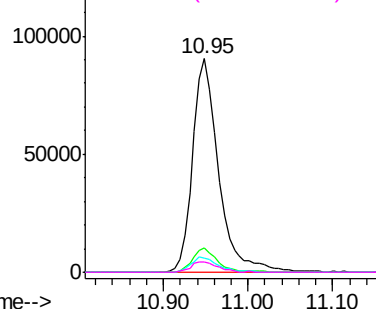
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Instrument :
BNA_G
ClientSampleId :
BSC-SB08

Tot Ion:136	Resp:	193207
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.2 13.8
54	6.8	10.3 15.5#
68	5.0	4.5 6.7

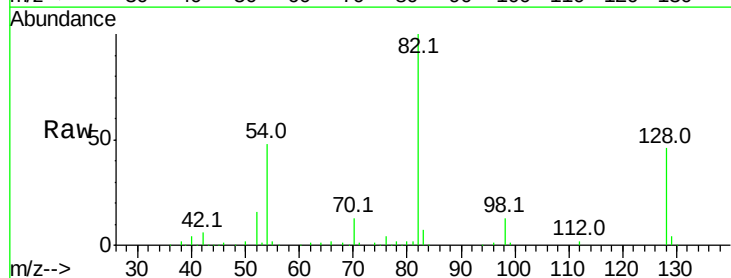


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

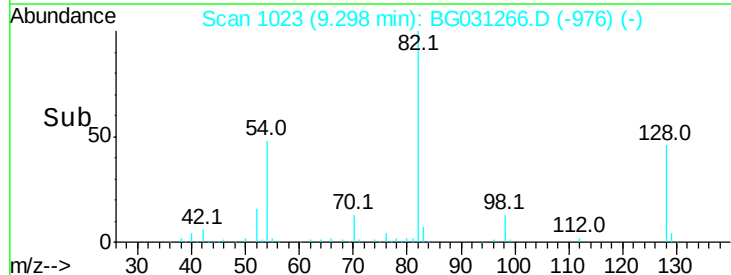
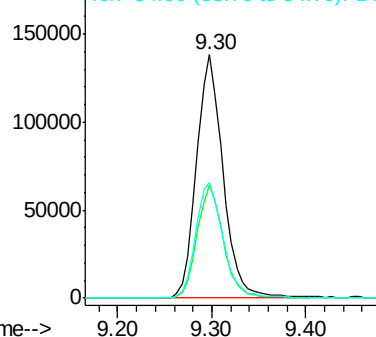


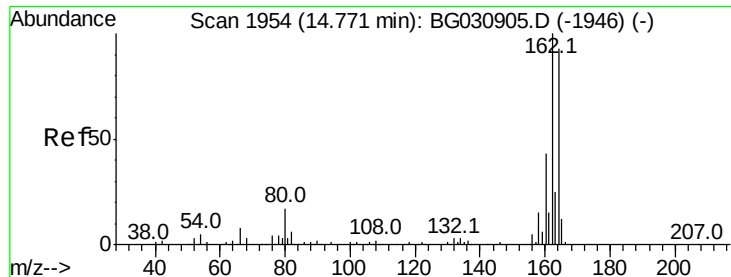
#23
Nitrobenzene-d5
Concen: 83.578 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Tgt Ion: 82	Resp:	272508
Ion	Ratio	Lower Upper
82	100	
128	46.4	29.7 44.5#
54	47.7	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampleId :

BSC-SB08

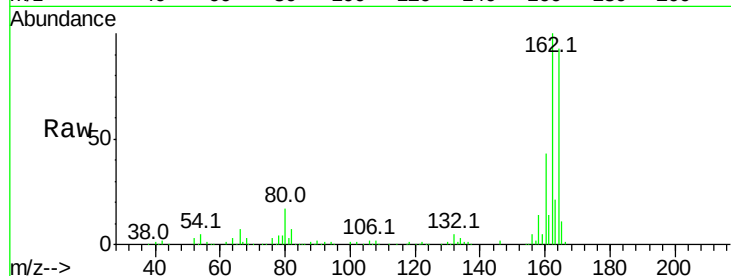
Tot Ion:164 Resp: 140890

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

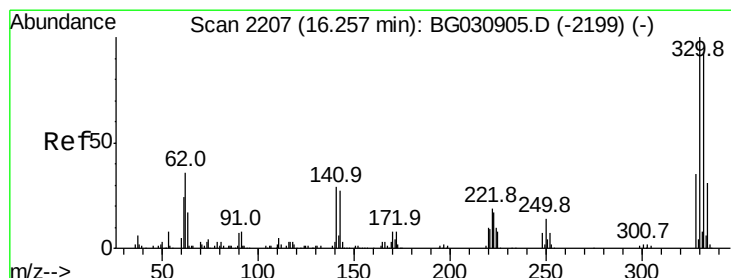
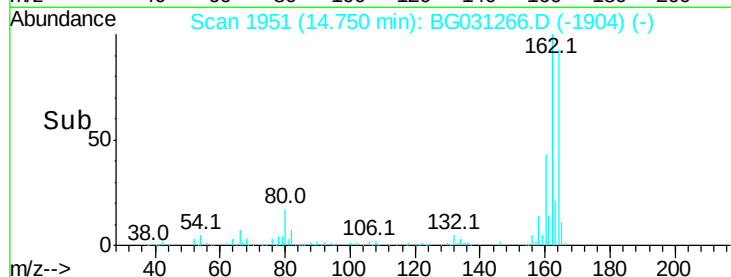
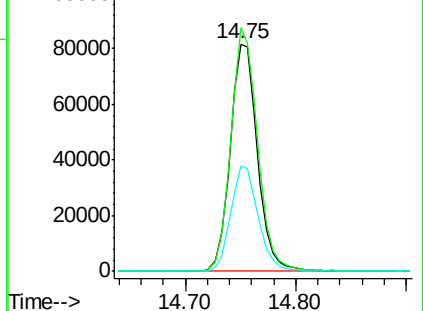
160 46.5 35.4 53.0



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: 117.710 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

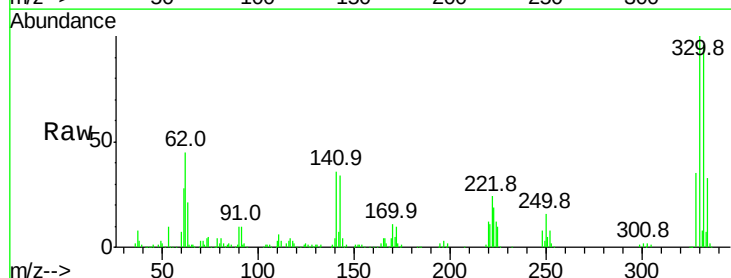
Tgt Ion:330 Resp: 268278

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

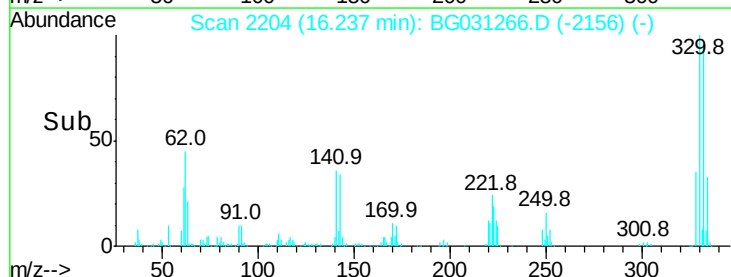
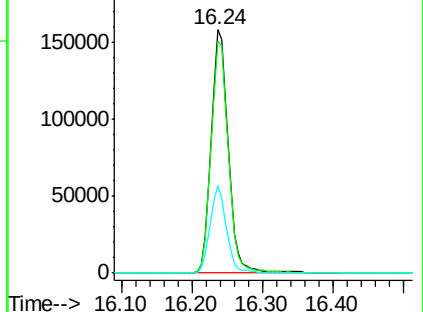
141 34.0 25.2 37.8

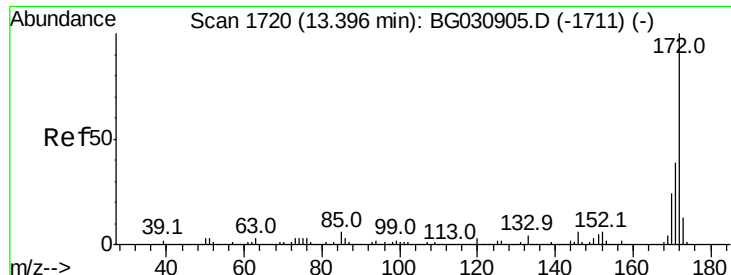


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

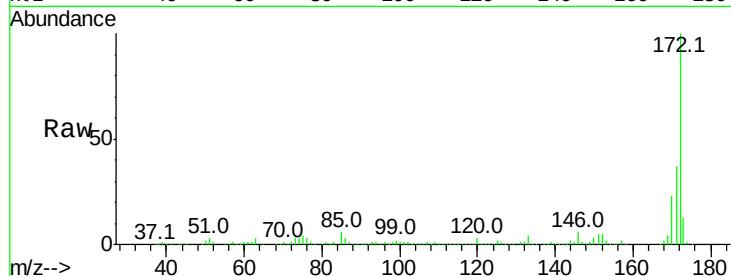




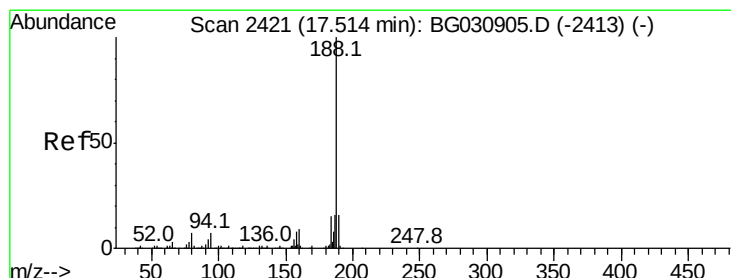
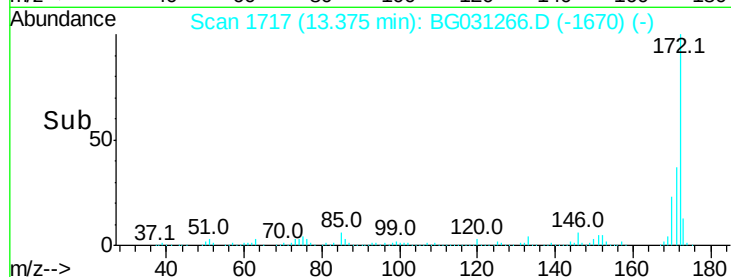
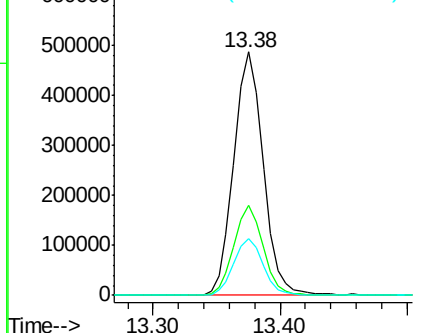
#44
 2-Fluorobiphenyl
 Concen: 80.107 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

Instrument :
 BNA_G
 ClientSampleId :
 BSC-SB08

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.5	19.5	29.3

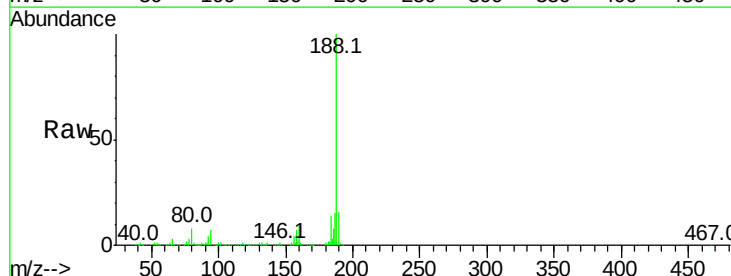


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

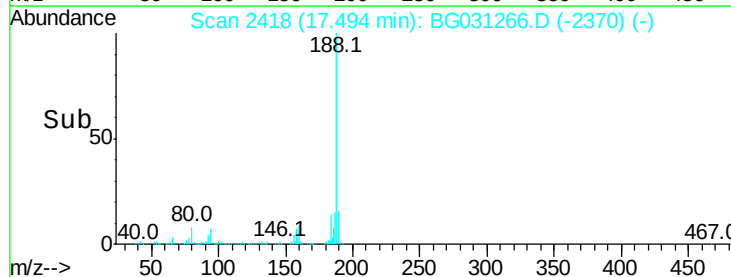
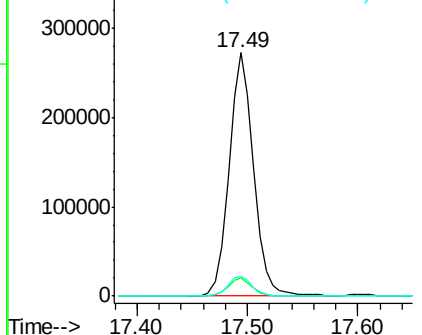


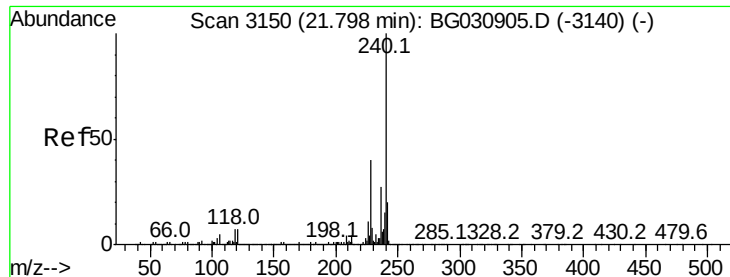
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031266.D
 Acq: 29 Nov 2017 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

Instrument :

BNA_G

ClientSampleId :

BSC-SB08

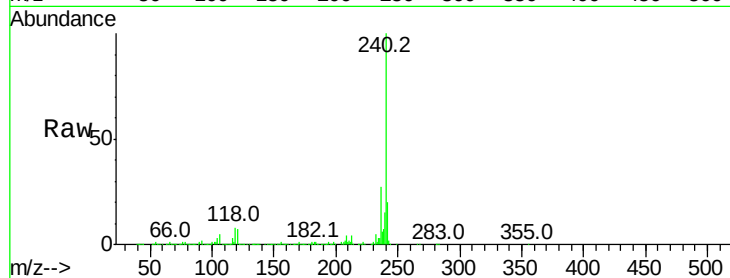
Tot Ion:240 Resp: 512977

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

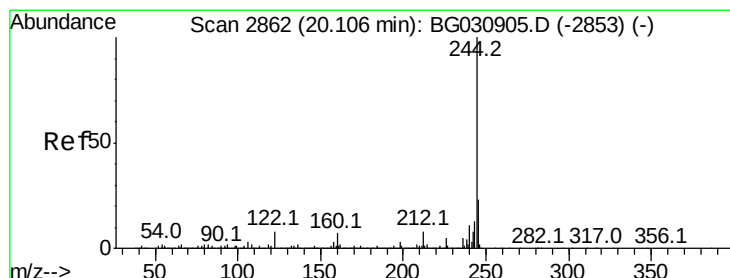
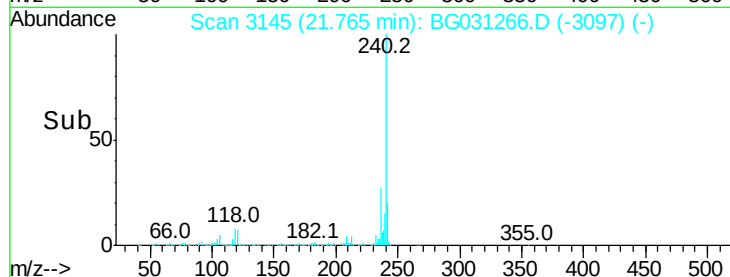
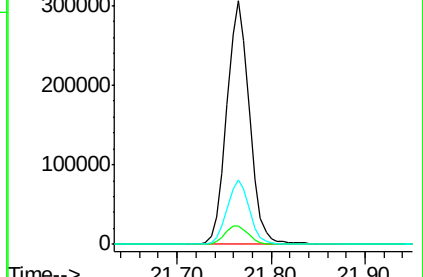
236 26.6 20.9 31.3



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: 71.691 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031266.D

Acq: 29 Nov 2017 00:14

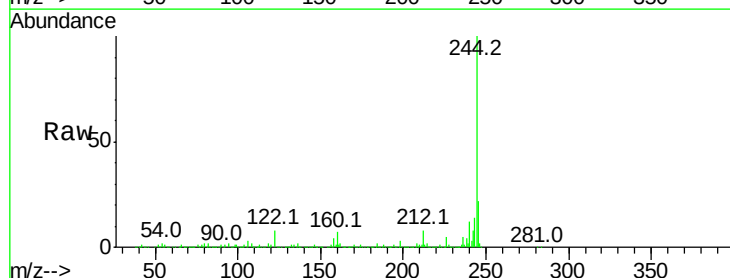
Tgt Ion:244 Resp: 1665516

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

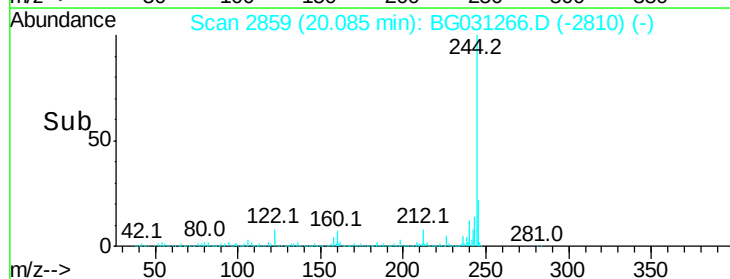
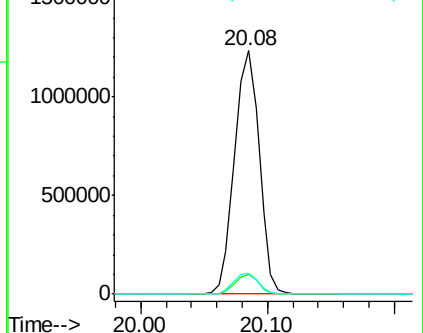
122 8.4 7.0 10.4

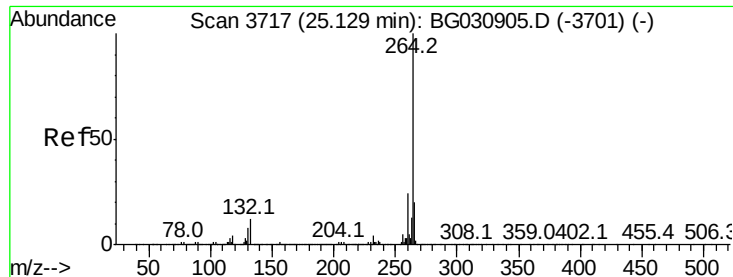


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031266.D
Acq: 29 Nov 2017 00:14

Instrument :
BNA_G
ClientSampleId :
BSC-SB08

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.7	17.7	26.5

