

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031406.D
 Acq On : 7 Dec 2017 19:48
 Operator : SJ/JU
 Sample : I6765-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 02:51:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

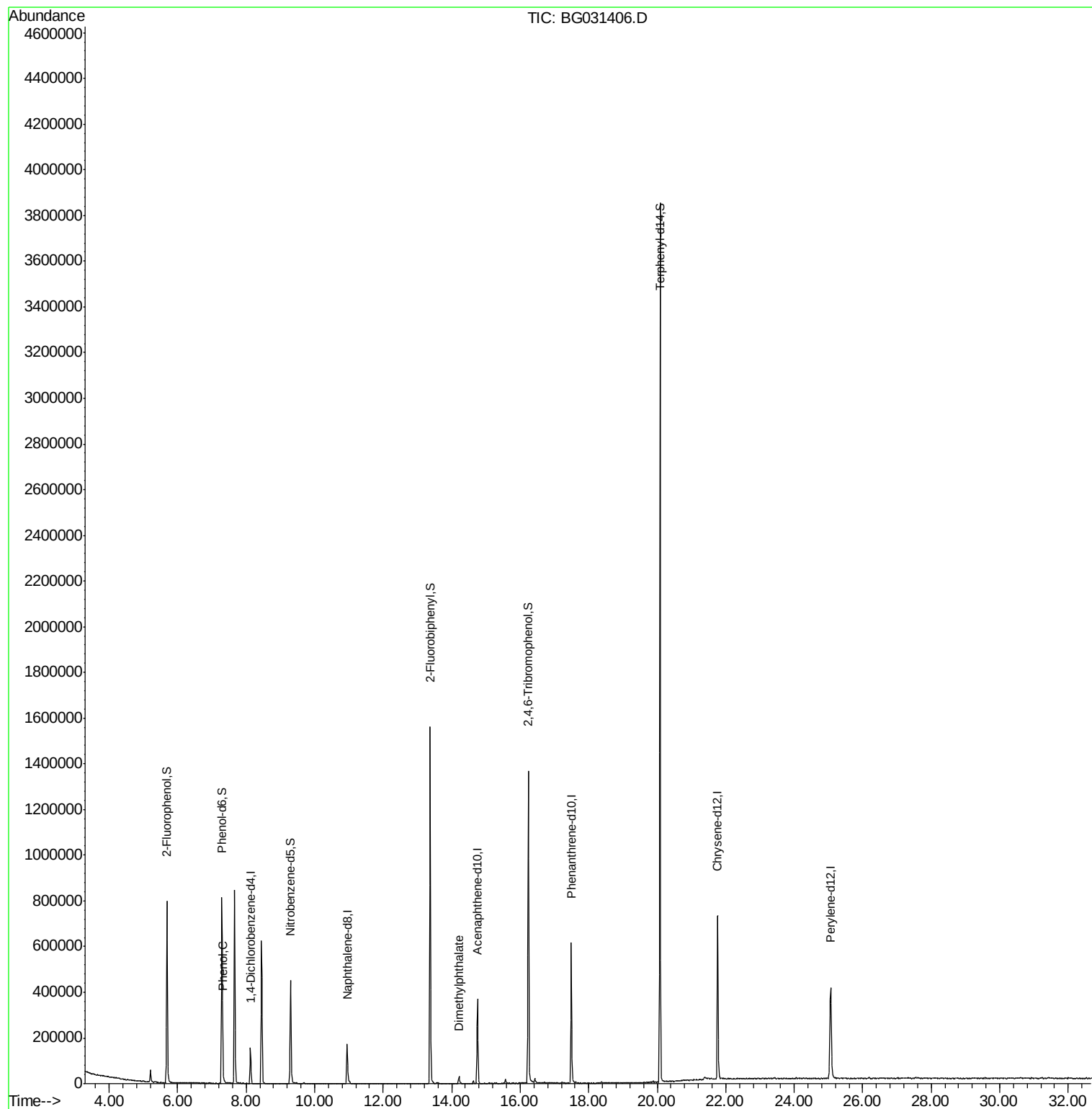
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45961	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	199350	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	145696	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	434027	20.00	ng	0.00
75) Chrysene-d12	21.77	240	504968	20.00	ng	0.00
86) Perylene-d12	25.06	264	477283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	395219	147.45	ng	0.00
7) Phenol-d6	7.29	99	525720	145.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	311276	92.53	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	292399	124.06	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	913038	90.05	ng	0.00
78) Terphenyl-d14	20.08	244	1864403	81.53	ng	0.00
Target Compounds						
10) Phenol	7.32	94	20754	5.534	ng	92
49) Dimethylphthalate	14.21	163	36332	2.884	ng	# 96

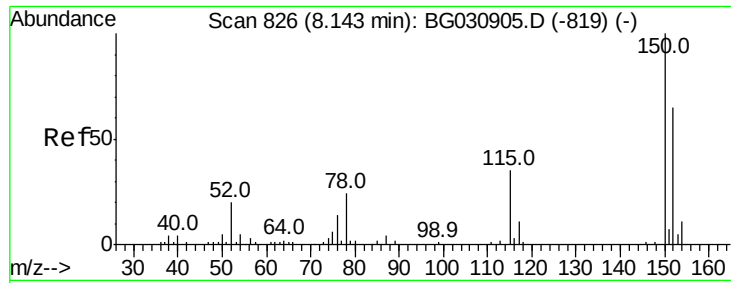
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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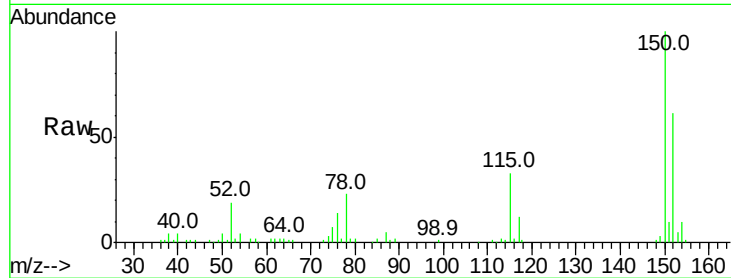


#1

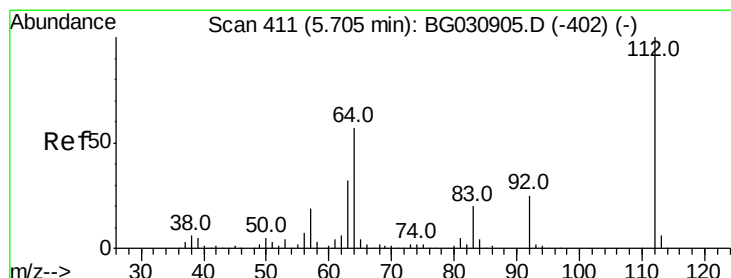
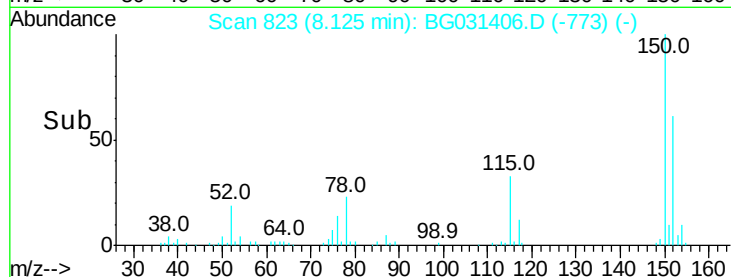
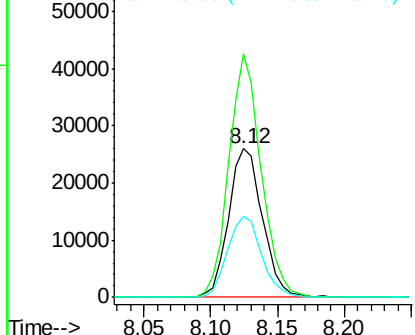
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45961
Ion Ratio Lower Upper
152 100
150 164.2 126.6 189.8
115 54.8 53.0 79.4



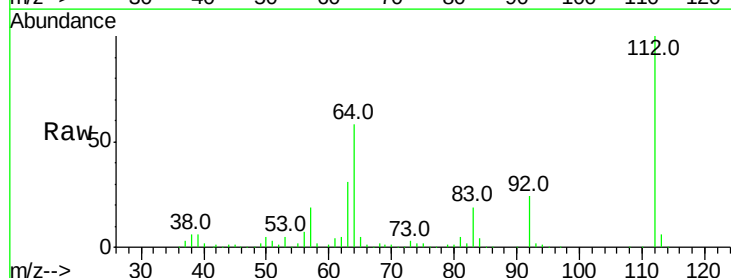
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



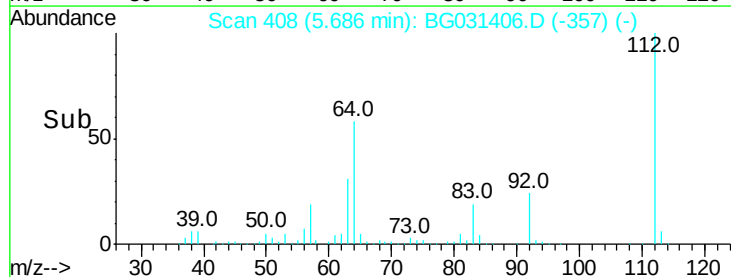
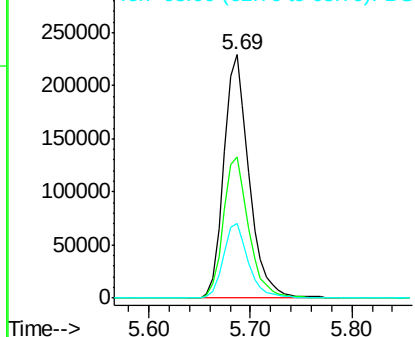
#5

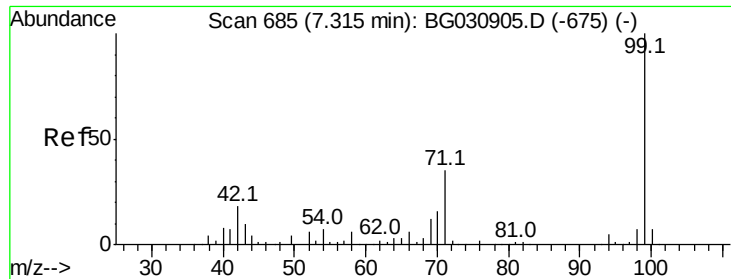
2-Fluorophenol
Concen: 147.452 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Tgt Ion:112 Resp: 395219
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 30.7 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: 145.590 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

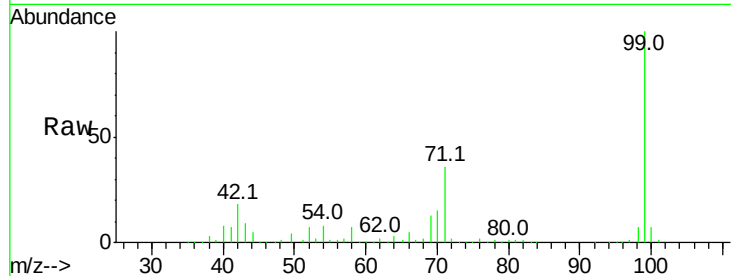
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 525720

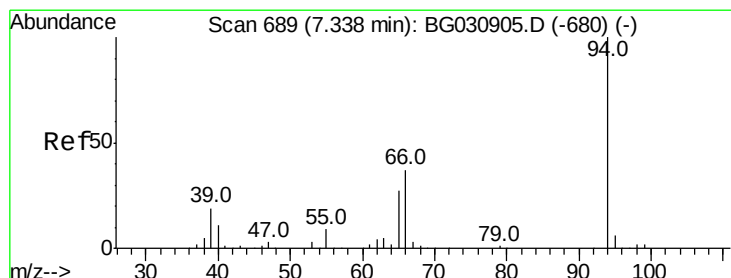
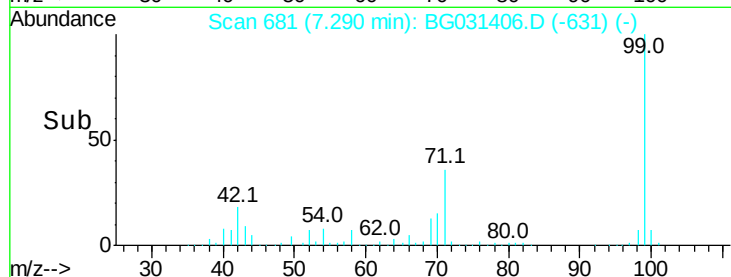
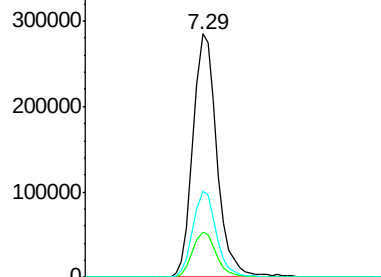
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.1	21.1
71	35.5	26.1	39.1



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: 5.534 ng

RT: 7.32 min Scan# 686

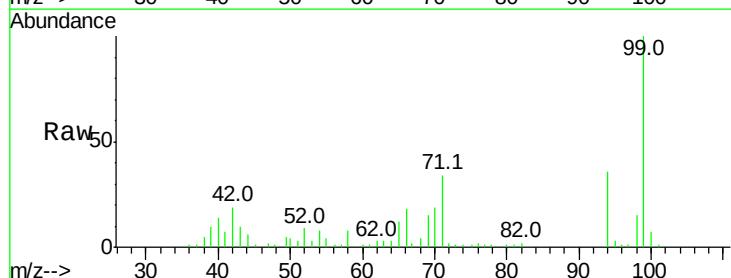
Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Tgt Ion: 94 Resp: 20754

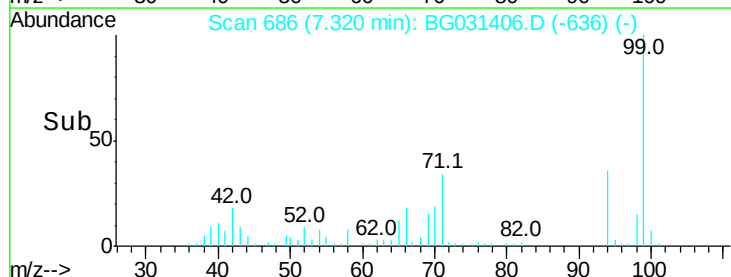
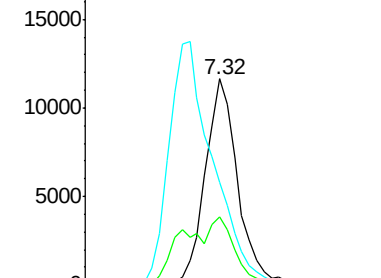
Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.9	51.9
66	49.8	22.2	62.2

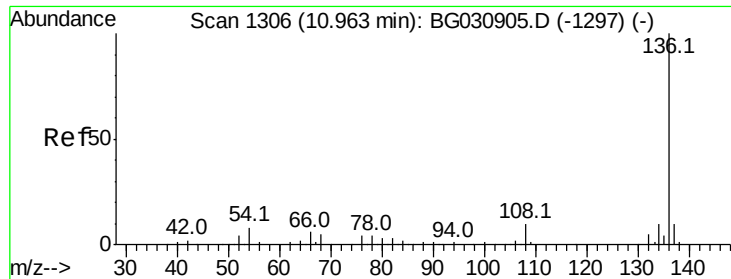


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

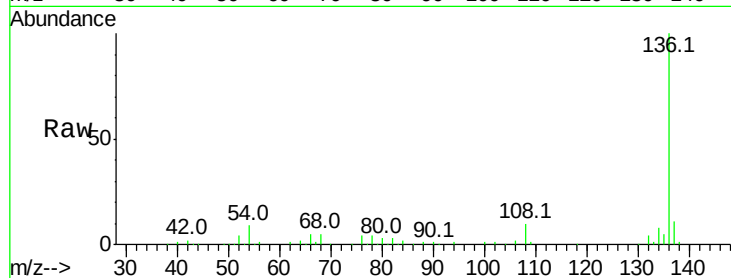




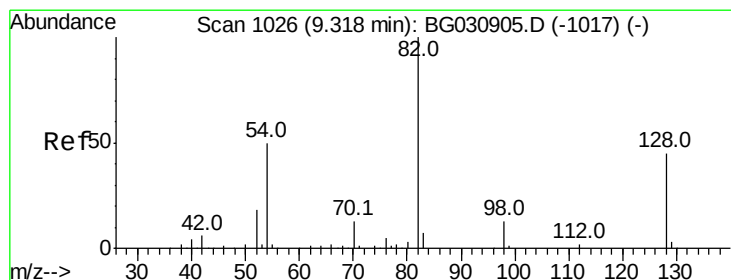
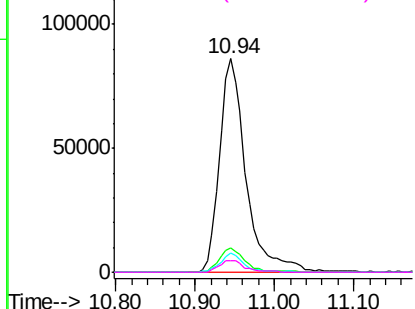
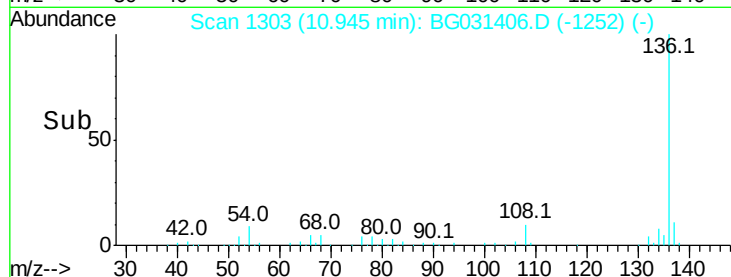
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	199350
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	8.9	10.3 15.5
68	5.3	4.5 6.7

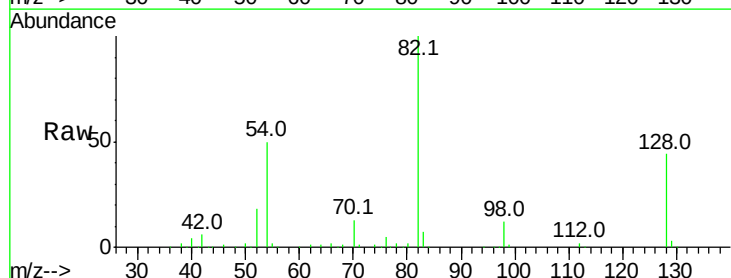


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

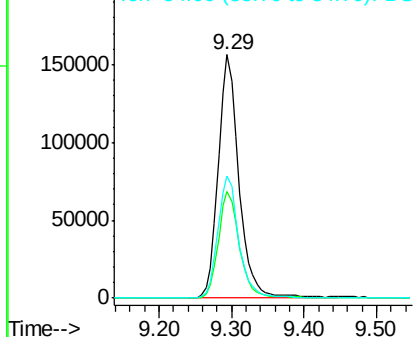
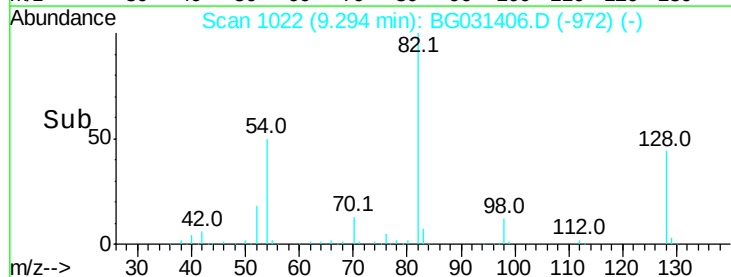


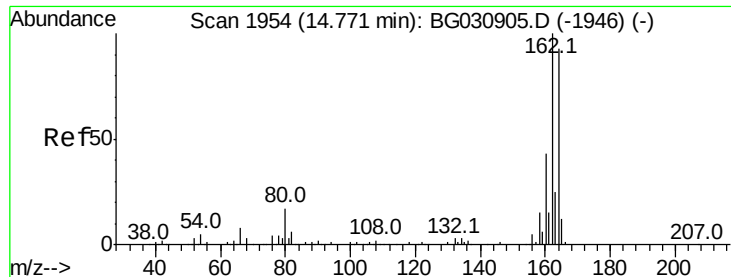
#23
Nitrobenzene-d5
Concen: 92.526 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Tgt Ion: 82	Resp:	311276
Ion Ratio	Lower	Upper
82	100	
128	43.9	29.7 44.5
54	50.0	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. 0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

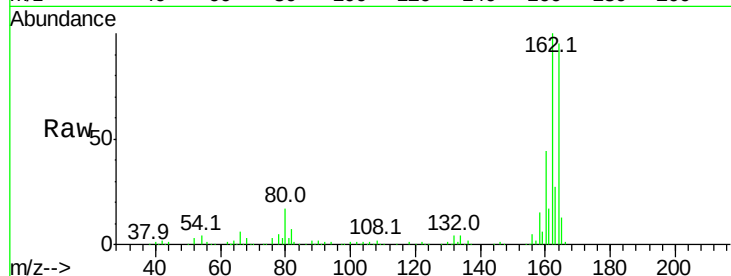
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 145696

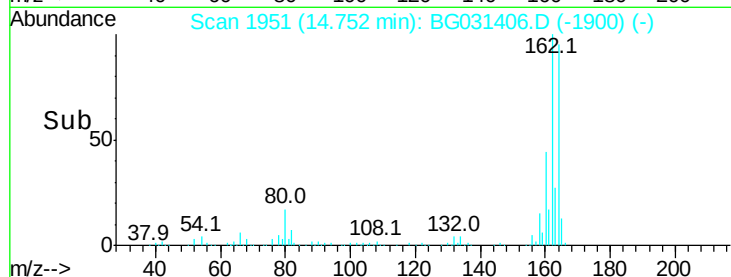
Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	45.9	35.4	53.0



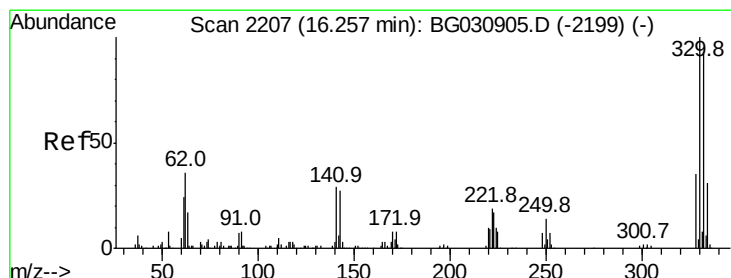
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 124.061 ng

RT: 16.24 min Scan# 2204

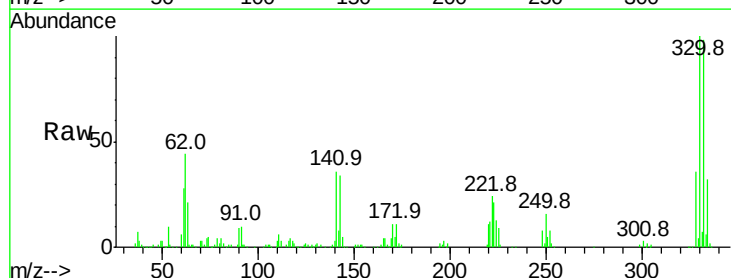
Delta R.T. 0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Tgt Ion:330 Resp: 292399

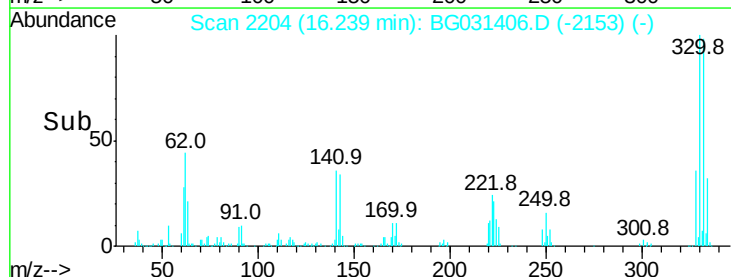
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.5	25.2	37.8



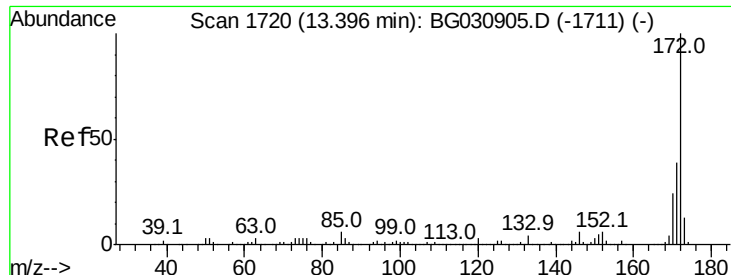
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



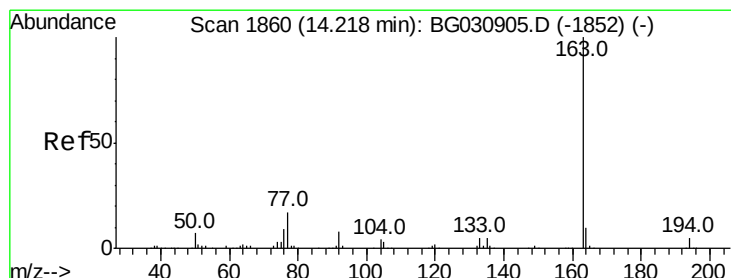
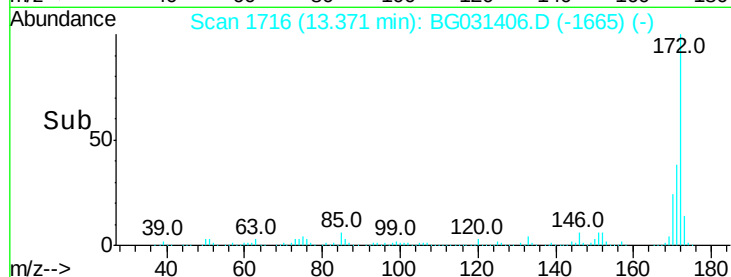
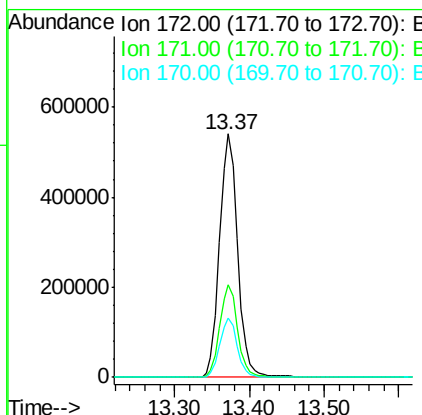
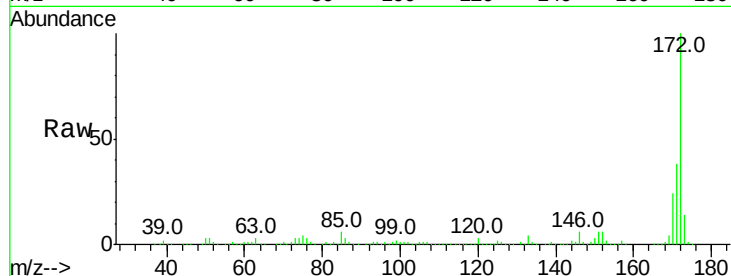
Time-->



#44
2-Fluorobiphenyl
Concen: 90.046 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

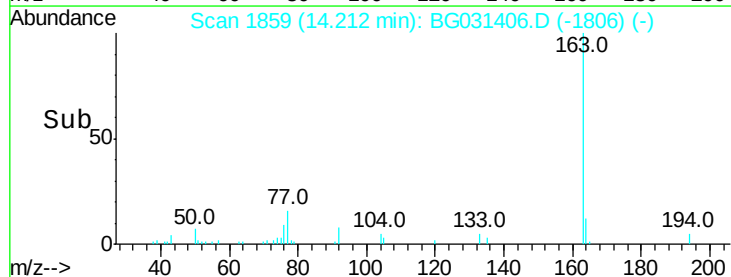
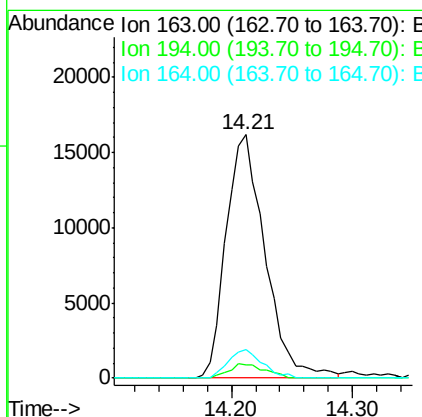
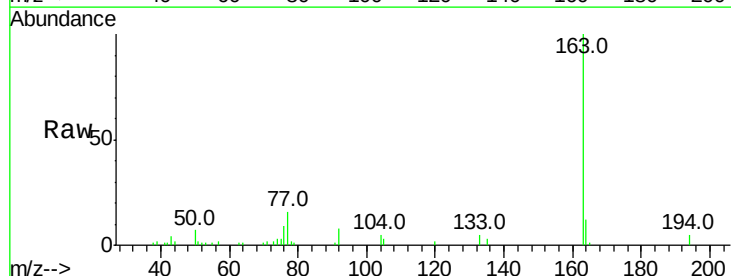
Instrument :
BNA_G
ClientSampleId :

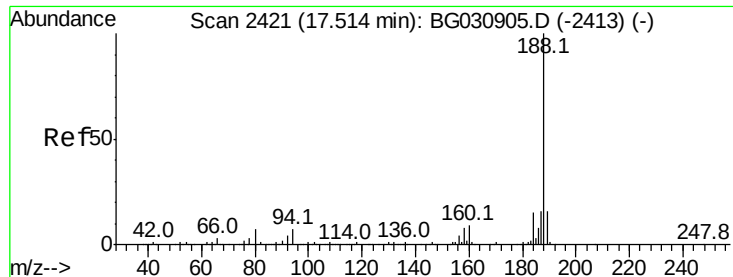
Tot Ion:172 Resp: 913038
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.884 ng
RT: 14.21 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Tgt Ion:163 Resp: 36332
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 11.9 8.2 12.4

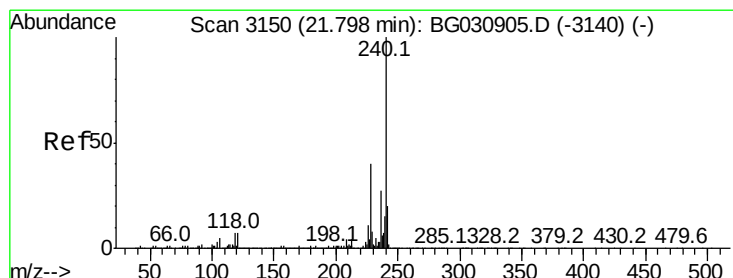
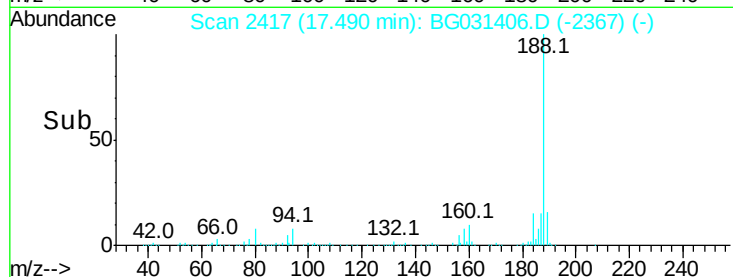
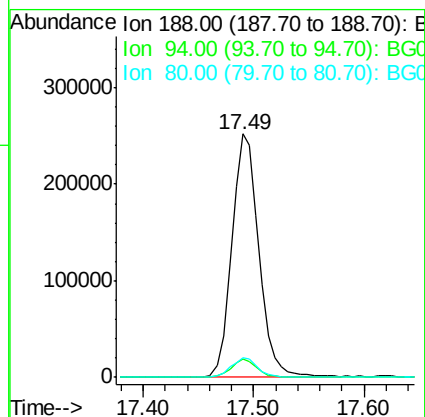
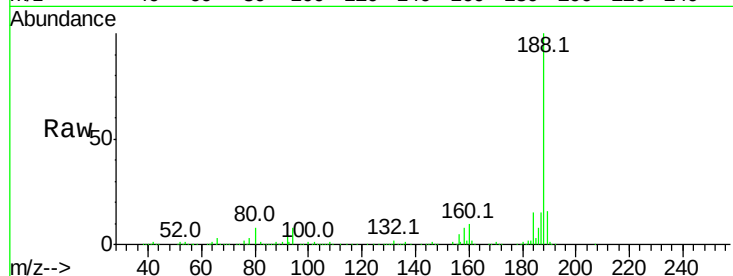




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

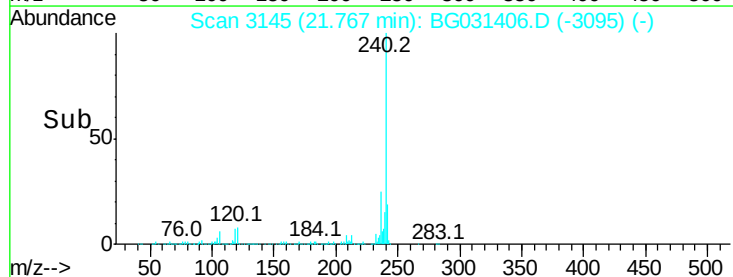
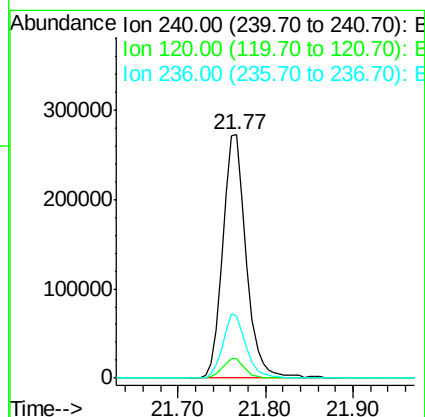
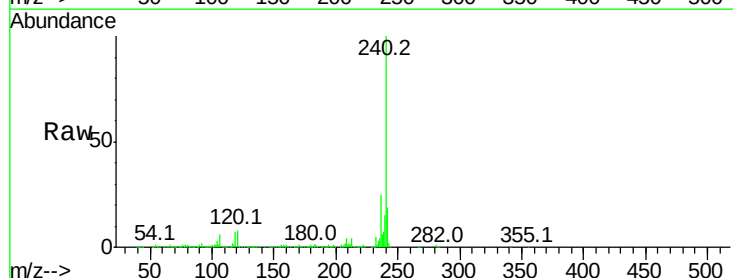
Instrument :
BNA_G
ClientSampleId :

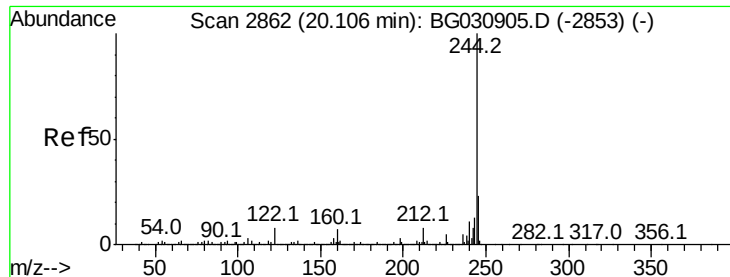
Tot Ion:188 Resp: 434027
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031406.D
Acq: 7 Dec 2017 19:48

Tgt Ion:240 Resp: 504968
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 81.525 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

Instrument :

BNA_G

ClientSampleId :

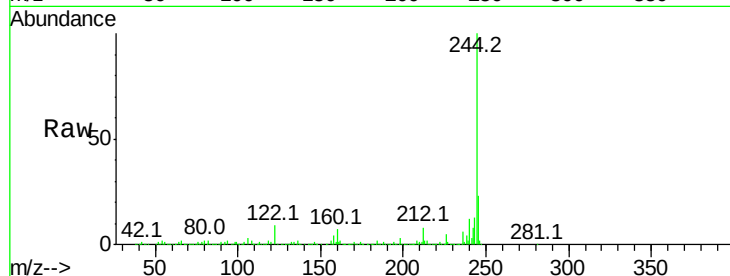
Tot Ion:244 Resp: 1864403

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

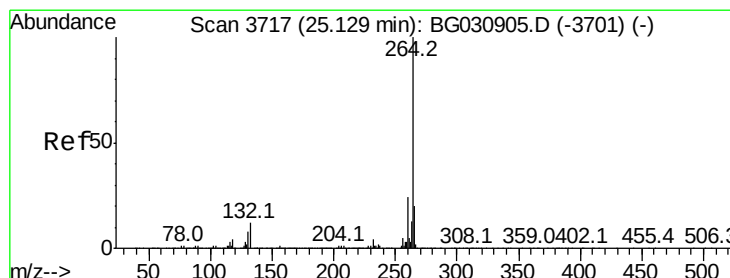
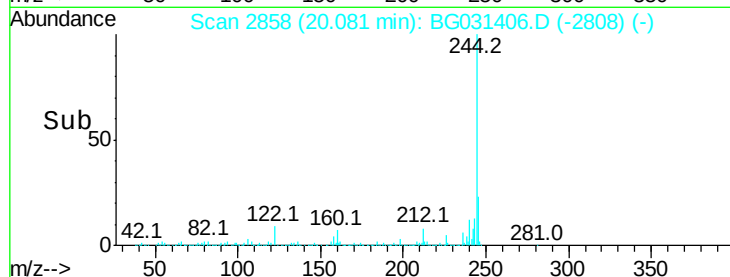
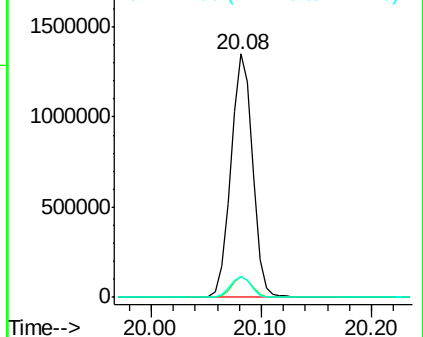
122 8.6 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031406.D

Acq: 7 Dec 2017 19:48

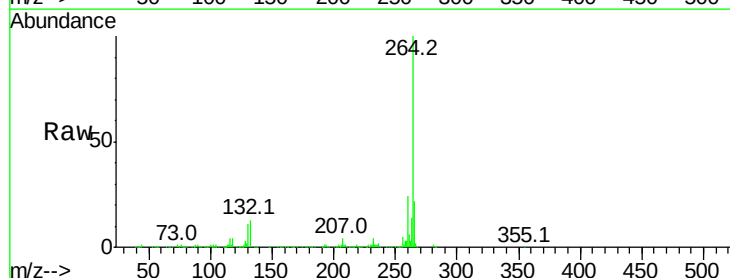
Tgt Ion:264 Resp: 477283

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.0 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

