

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031440.D
 Acq On : 9 Dec 2017 4:44
 Operator : SJ/JU
 Sample : I6680-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 05:46:33 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	8.13	152	40977	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	168103	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	127677	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	371498	20.00	ng	0.00
75) Chrysene-d12	21.77	240	435843	20.00	ng	0.00
86) Perylene-d12	25.06	264	406909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	309208	129.39	ng	0.00
7) Phenol-d6	7.29	99	395494	122.85	ng	0.00
23) Nitrobenzene-d5	9.29	82	279367	98.48	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	215956	104.56	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	808114	90.95	ng	0.00
78) Terphenyl-d14	20.08	244	1776530	90.00	ng	0.00

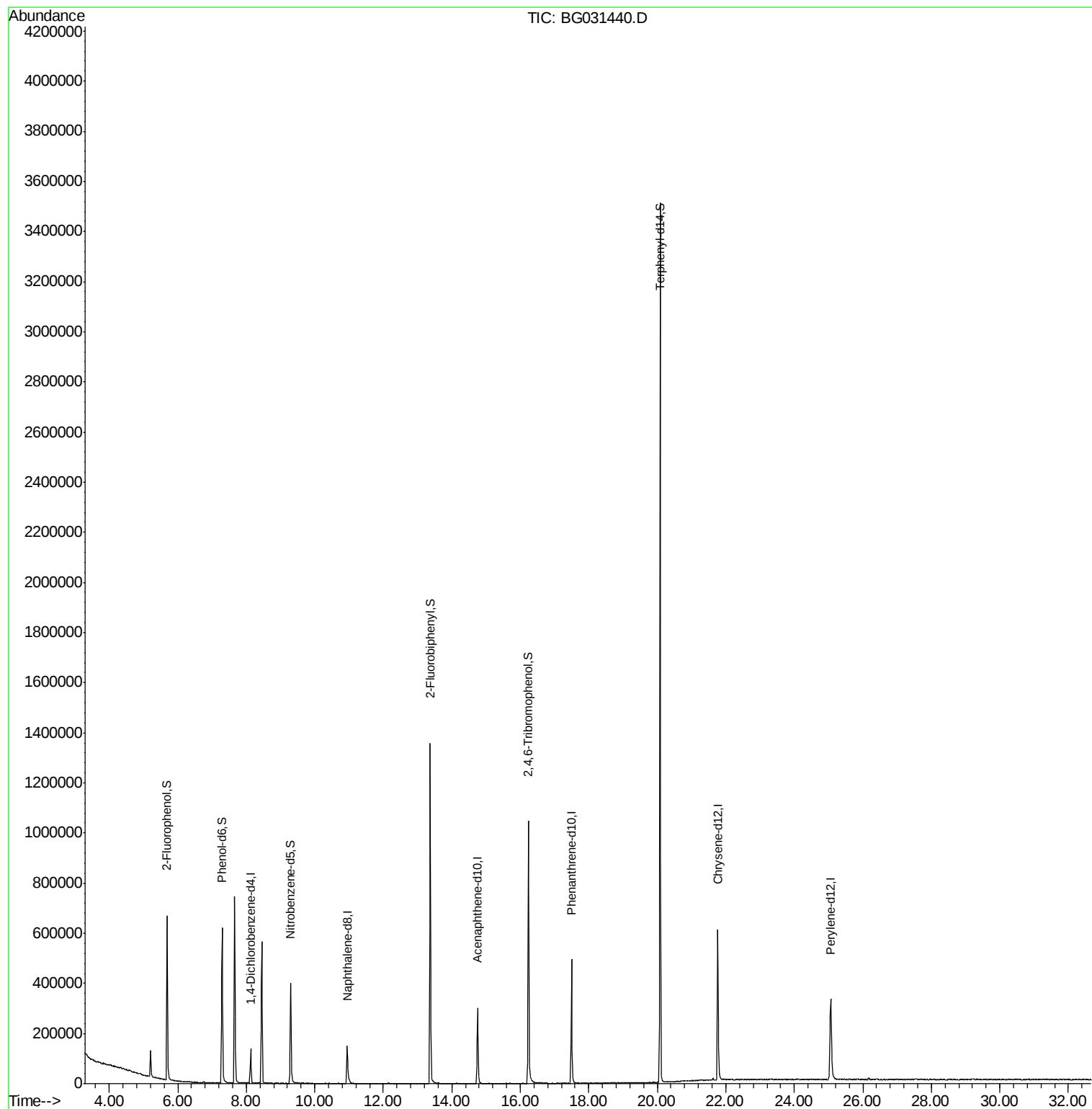
Target Compounds Qvalue

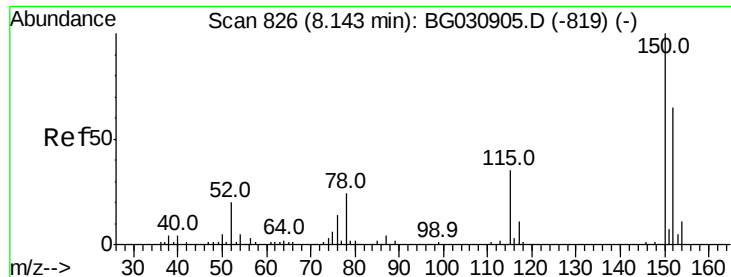
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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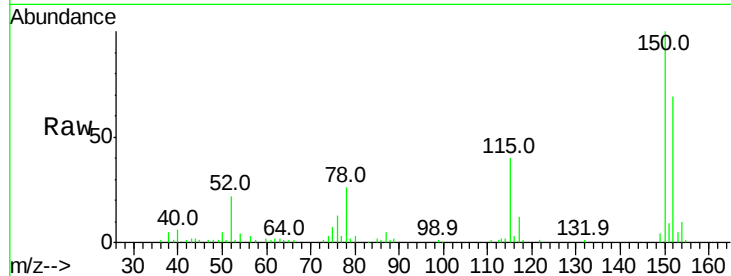


#1

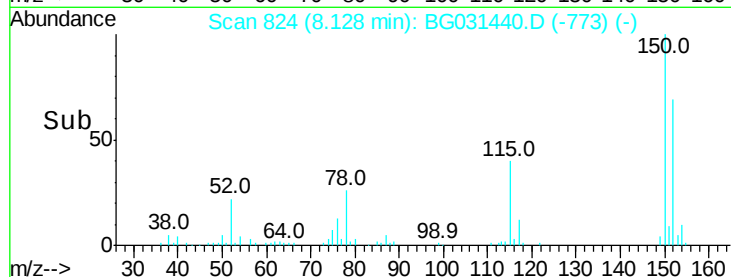
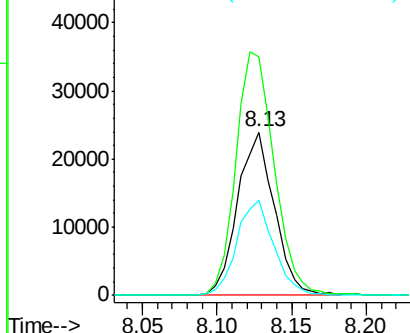
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG031440.D
 Acq: 9 Dec 2017 4:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	58.4	53.0	79.4



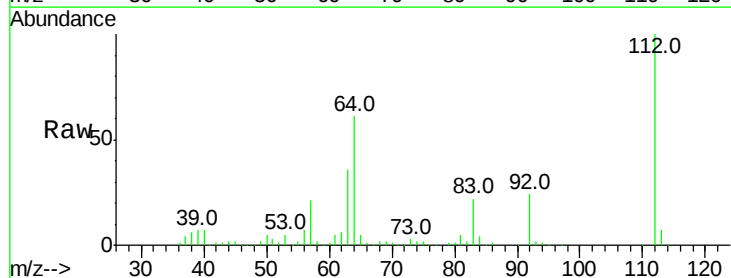
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



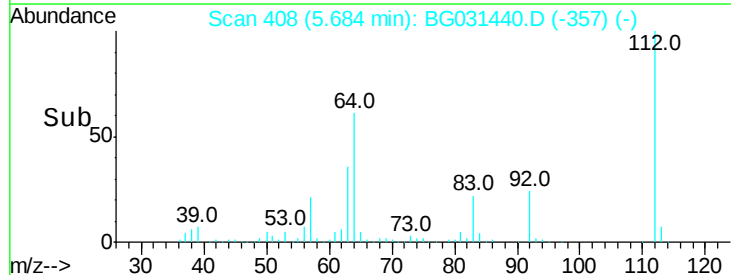
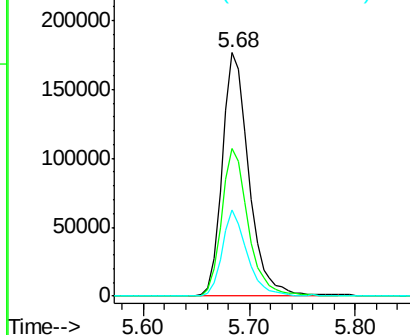
#5

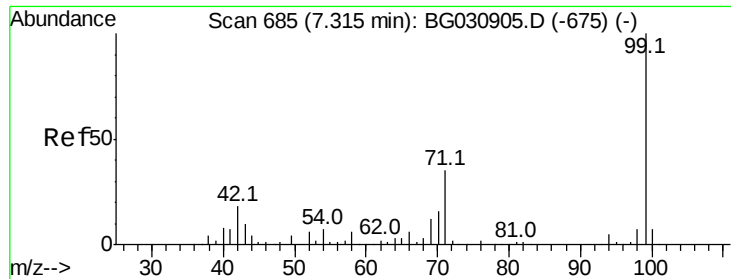
2-Fluorophenol
 Concen: 129.394 ng
 RT: 5.68 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BG031440.D
 Acq: 9 Dec 2017 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	56.3	84.5
63	35.6	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: 122.847 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031440.D

Acq: 9 Dec 2017 4:44

Instrument :

BNA_G

ClientSampleId :

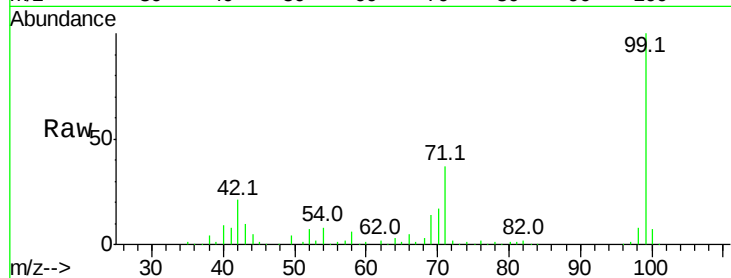
Tot Ion: 99 Resp: 395494

Ion Ratio Lower Upper

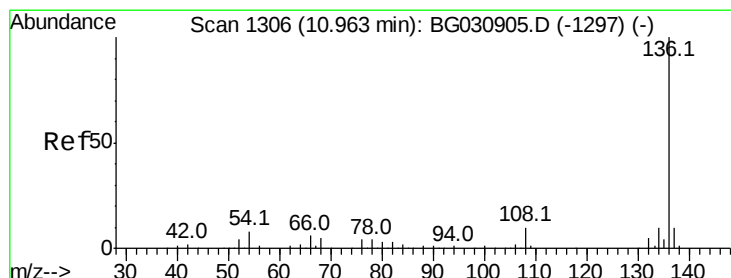
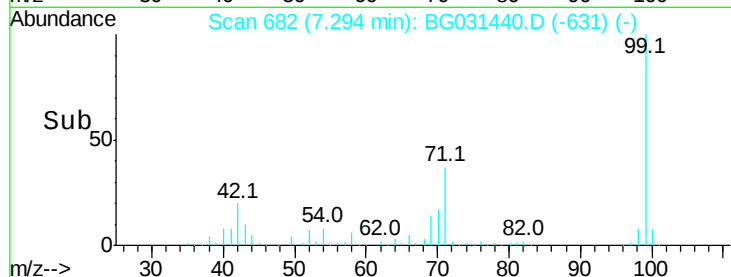
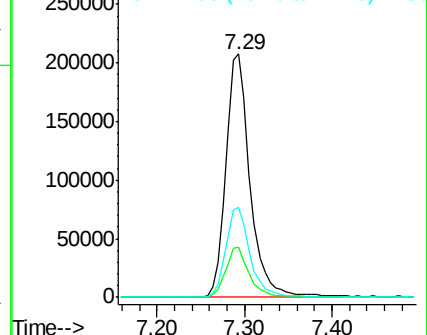
99 100

42 20.5 14.1 21.1

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG031440.D

Acq: 9 Dec 2017 4:44

Tgt Ion: 136 Resp: 168103

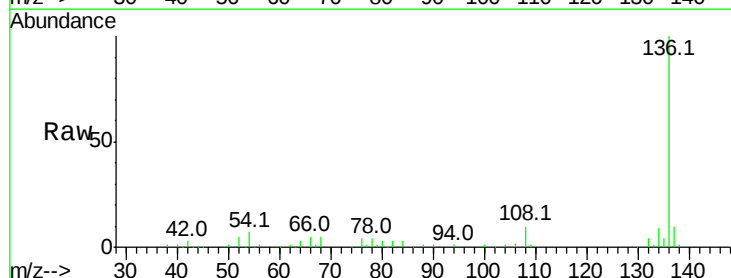
Ion Ratio Lower Upper

136 100

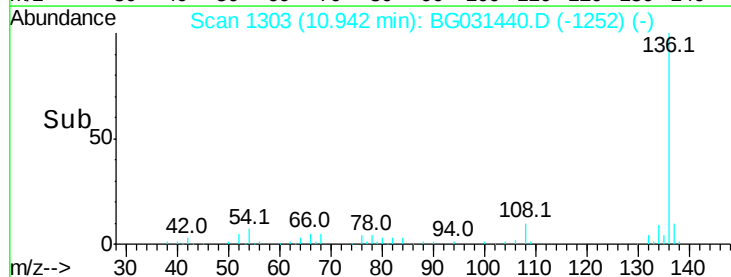
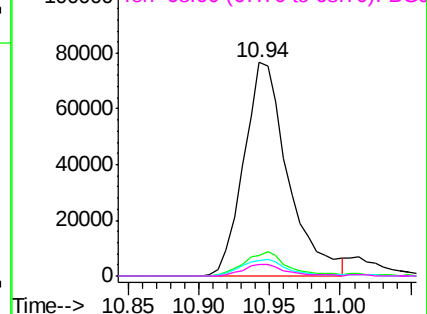
137 9.6 9.2 13.8

54 7.3 10.3 15.5#

68 5.4 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

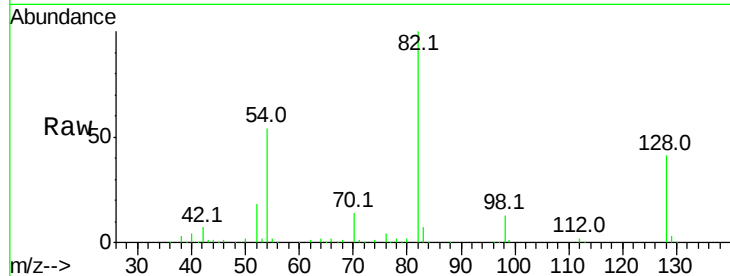




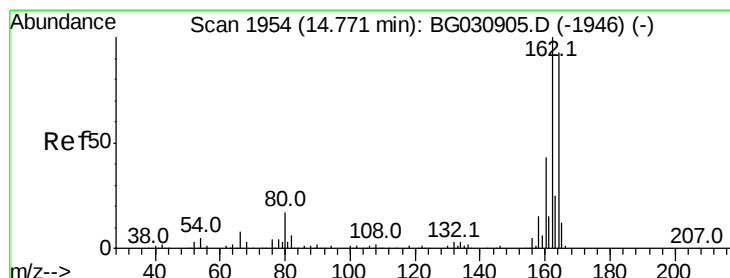
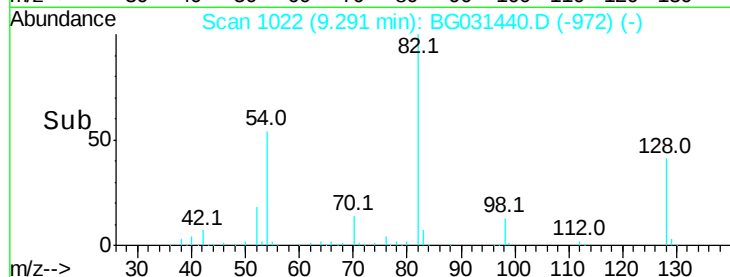
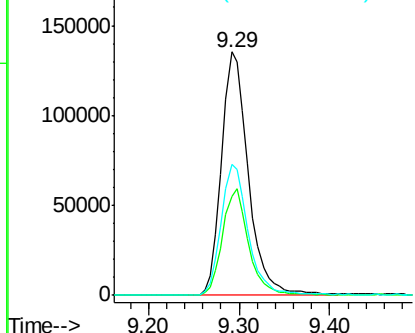
#23
Nitrobenzene-d5
Concen: 98.477 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031440.D
Acq: 9 Dec 2017 4:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.7	44.5
54	53.6	43.1	64.7

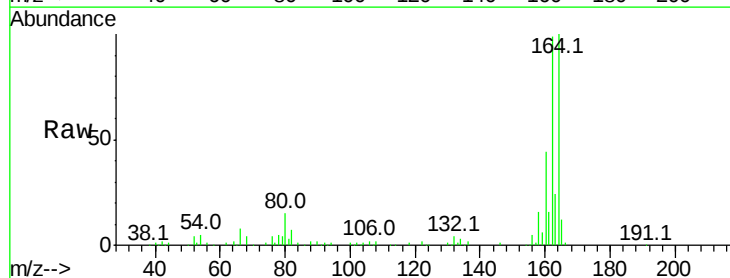


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

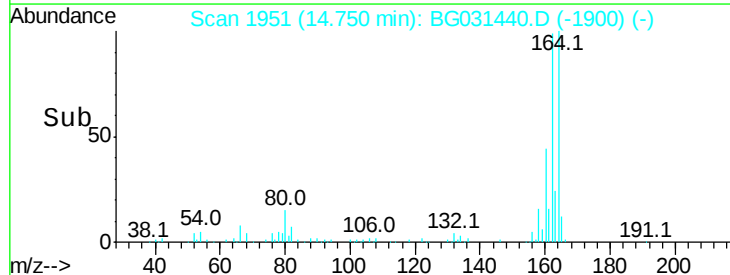
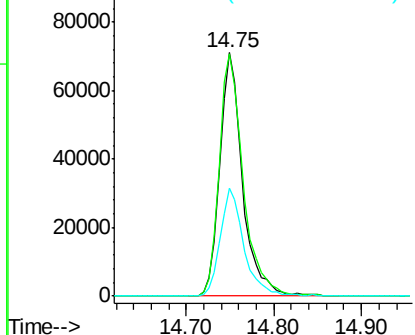


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG031440.D
Acq: 9 Dec 2017 4:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	44.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

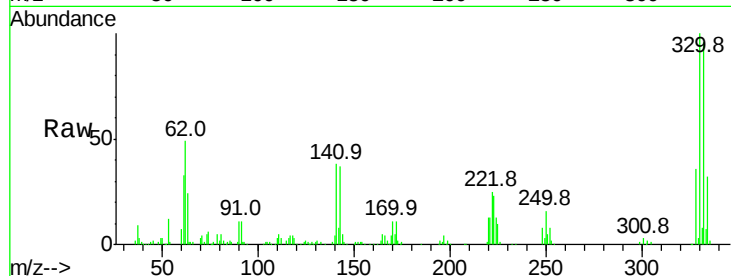




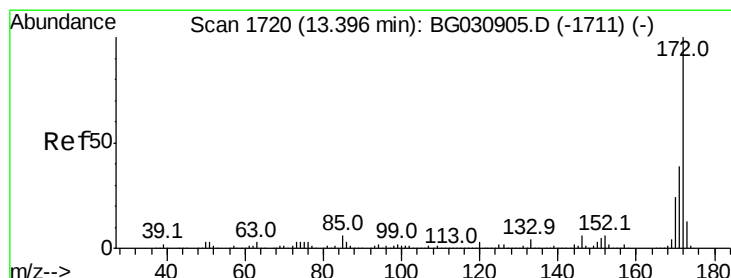
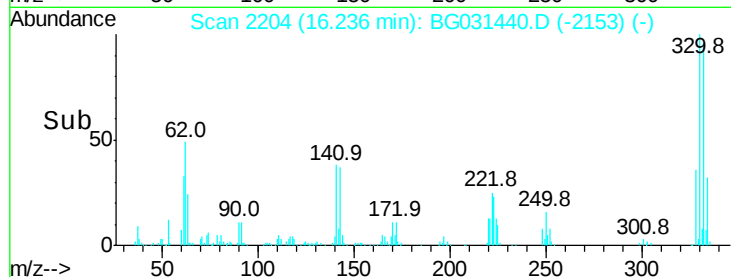
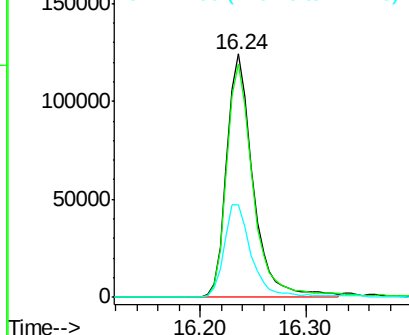
#41
 2,4,6-Tribromophenol
 Concen: 104.559 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG031440.D
 Acq: 9 Dec 2017 4:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 215956
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.5 25.2 37.8#

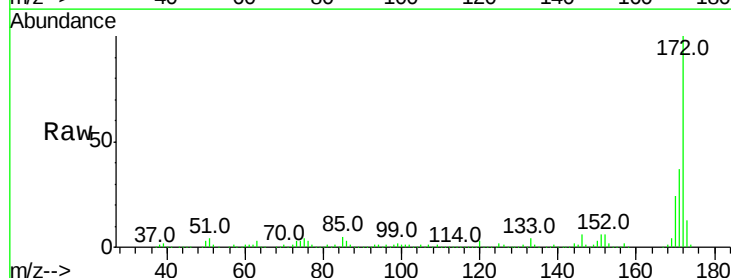


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

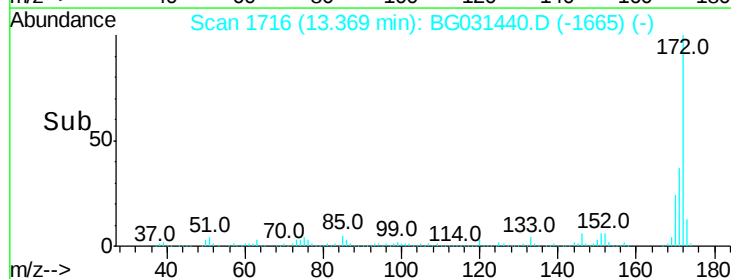
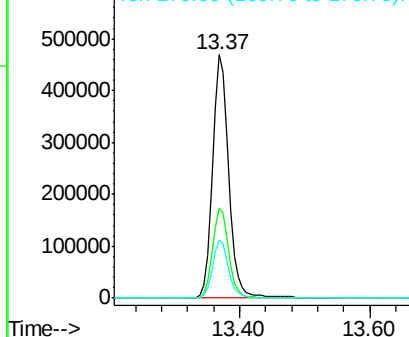


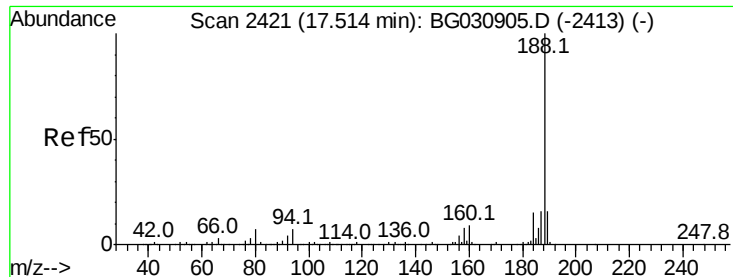
#44
 2-Fluorobiphenyl
 Concen: 90.946 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG031440.D
 Acq: 9 Dec 2017 4:44

Tgt Ion:172 Resp: 808114
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 23.9 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

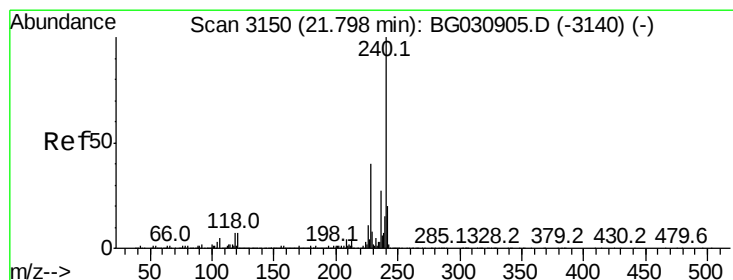
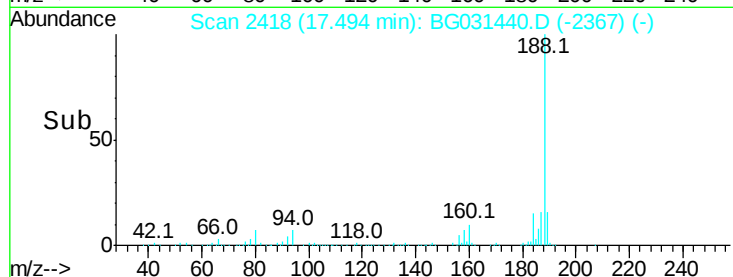
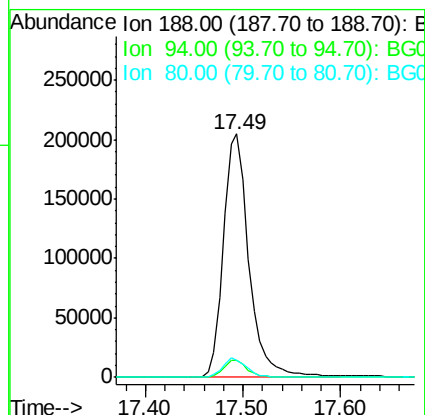
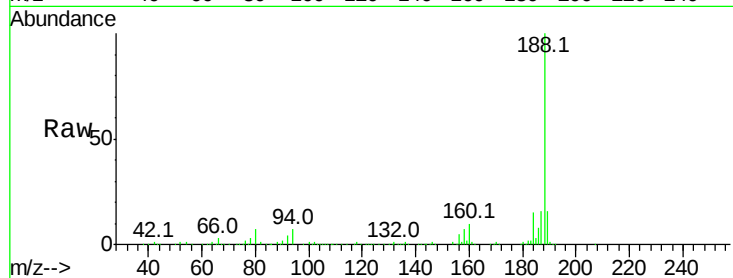




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG031440.D
Acq: 9 Dec 2017 4:44

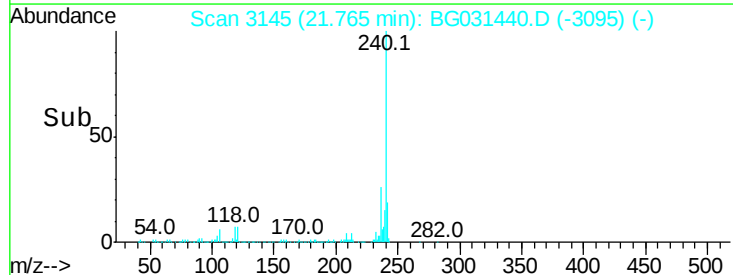
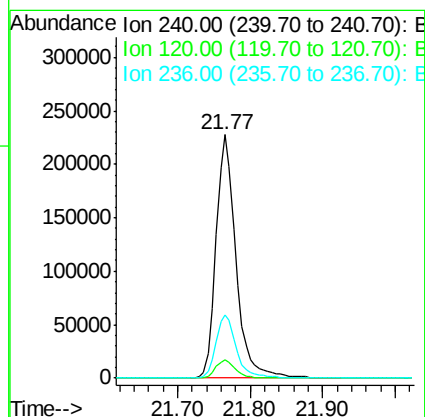
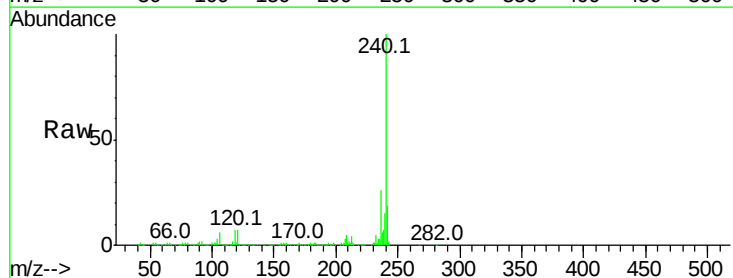
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 371498
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031440.D
Acq: 9 Dec 2017 4:44

Tgt Ion:240 Resp: 435843
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 90.003 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG031440.D

Acq: 9 Dec 2017 4:44

Instrument :

BNA_G

ClientSampleId :

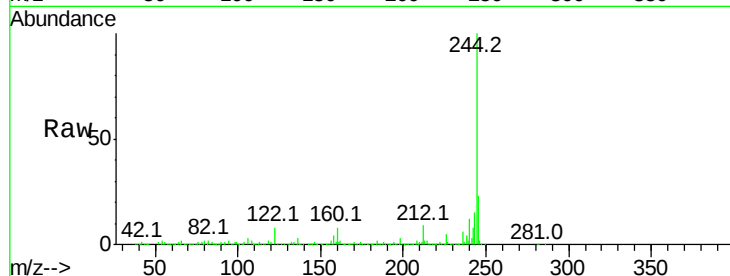
Tot Ion:244 Resp: 1776530

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

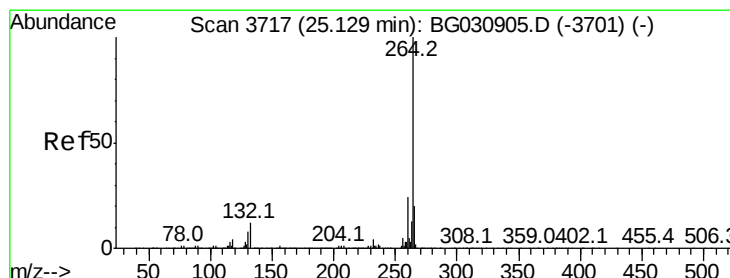
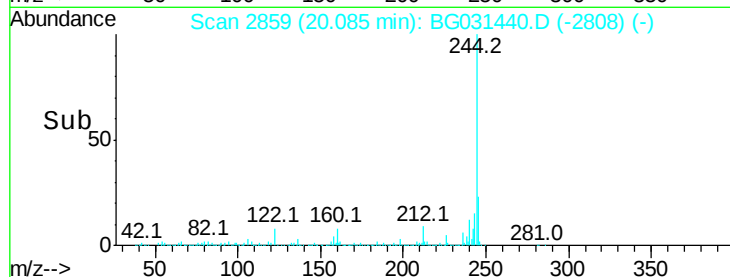
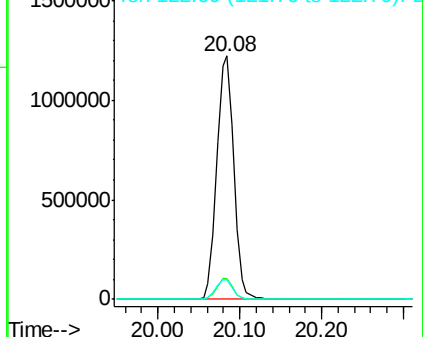
122 8.1 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031440.D

Acq: 9 Dec 2017 4:44

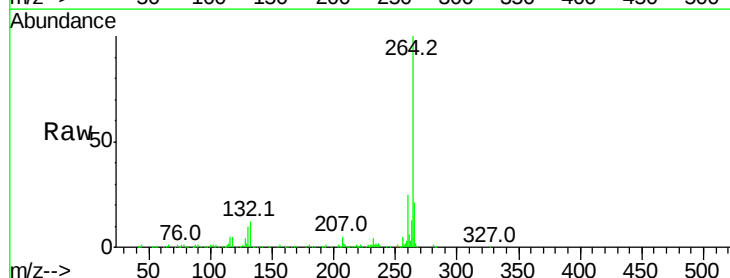
Tgt Ion:264 Resp: 406909

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.5 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

