

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031155.D
 Acq On : 21 Nov 2017 15:41
 Operator : SJ/JU
 Sample : I6501-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:31:15 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	8.14	152	52512	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	235268	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	160538	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	428506	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	519091	20.00	ng	-0.01
86) Perylene-d12	25.07	264	494445	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	224521	73.32	ng	-0.01
7) Phenol-d6	7.30	99	193450	46.89	ng	0.00
23) Nitrobenzene-d5	9.30	82	345472	87.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	286839	110.45	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1029390	92.14	ng	-0.02
78) Terphenyl-d14	20.09	244	1972998	83.93	ng	0.00

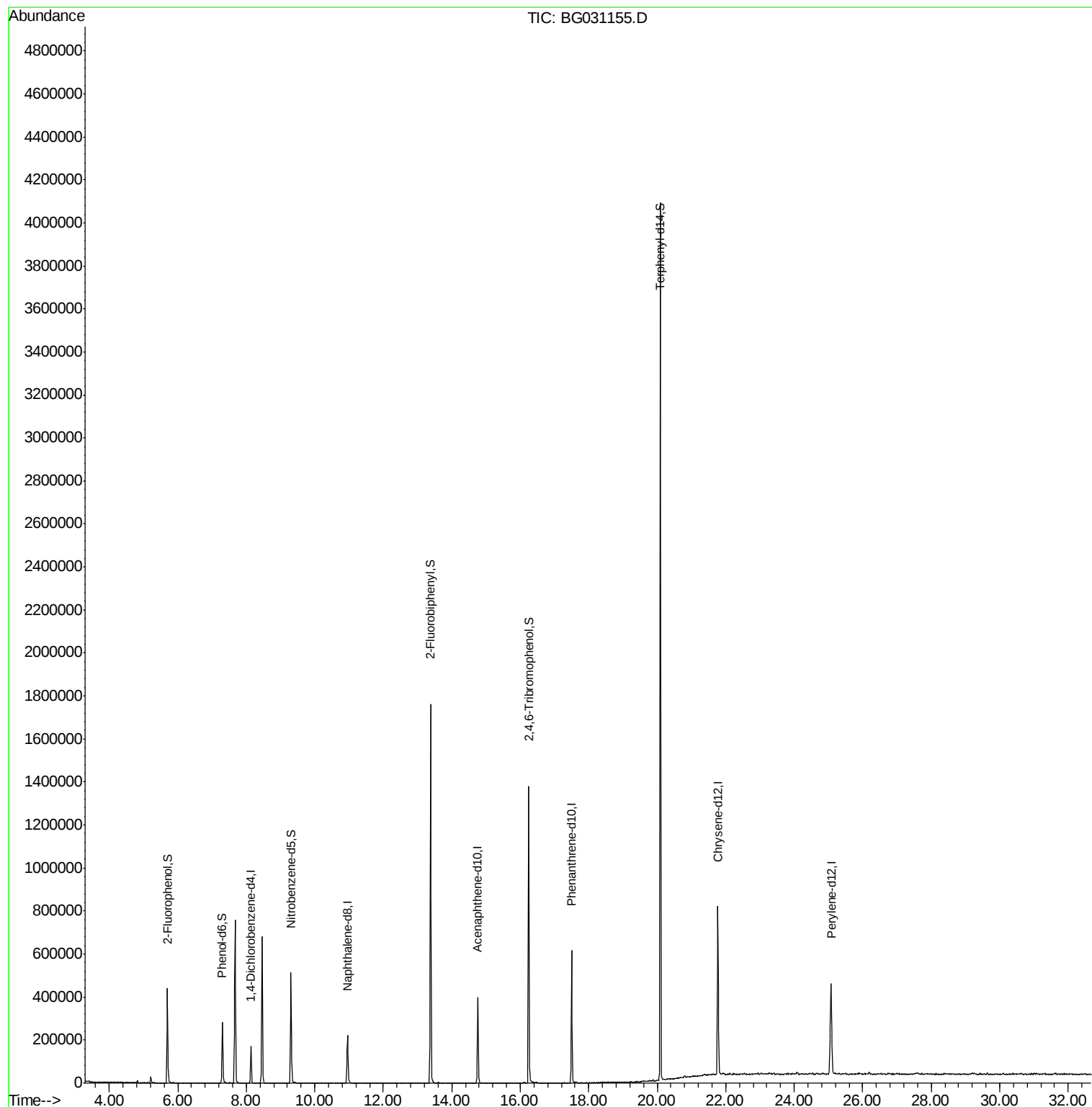
Target Compounds Qvalue

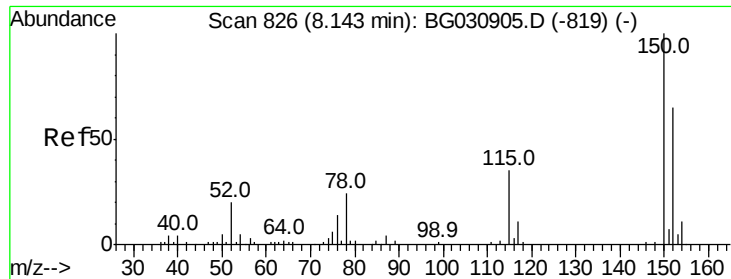
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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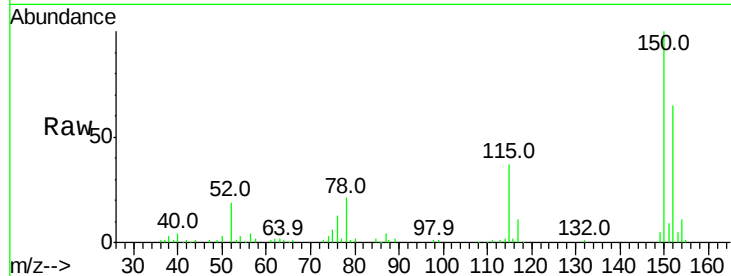


#1

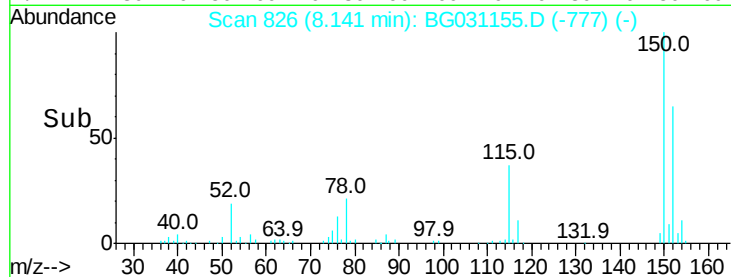
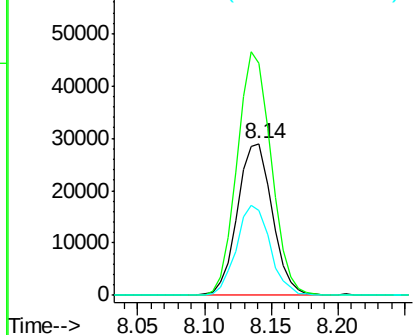
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031155.D
Acq: 21 Nov 2017 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52512
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 55.9 53.0 79.4



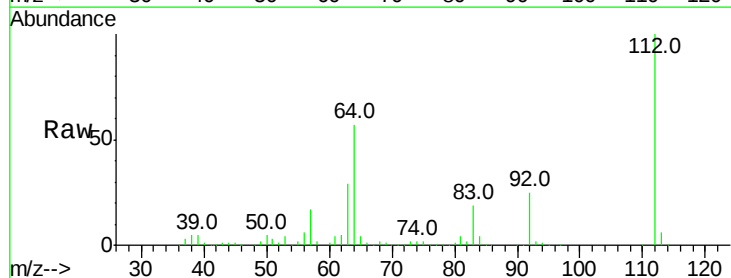
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



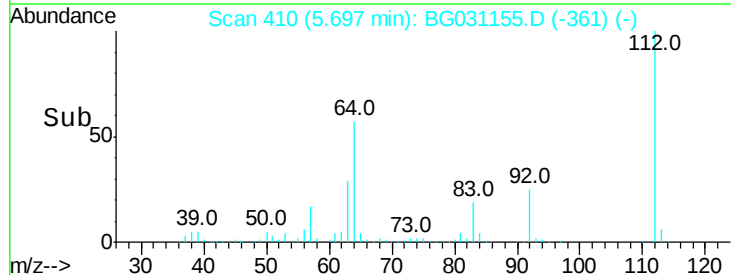
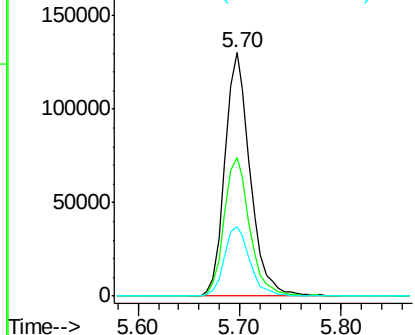
#5

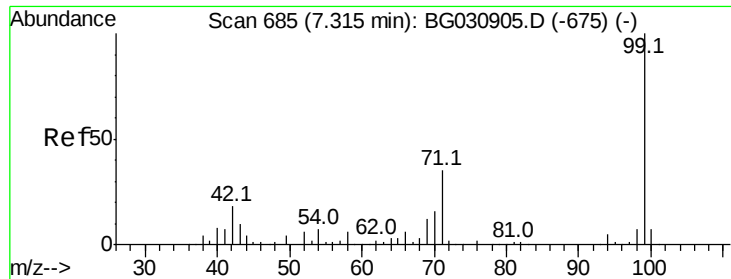
2-Fluorophenol
Concen: 73.316 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031155.D
Acq: 21 Nov 2017 15:41

Tgt Ion:112 Resp: 224521
Ion Ratio Lower Upper
112 100
64 56.8 56.3 84.5
63 28.8 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: 46.890 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031155.D

Acq: 21 Nov 2017 15:41

Instrument :

BNA_G

ClientSampleId :

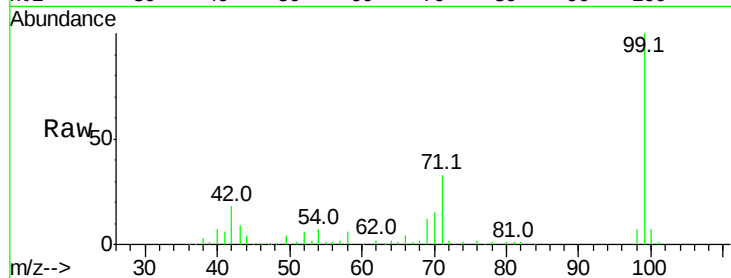
Tot Ion: 99 Resp: 193450

Ion Ratio Lower Upper

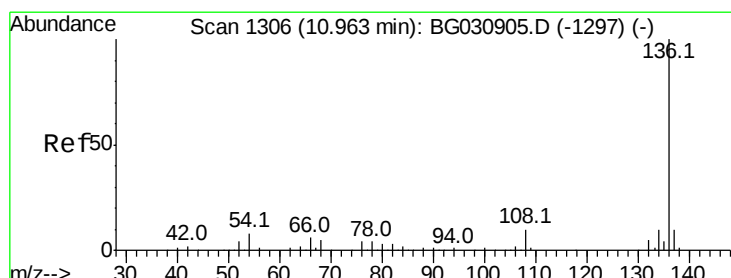
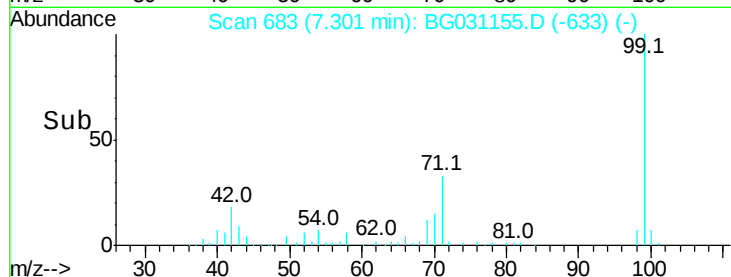
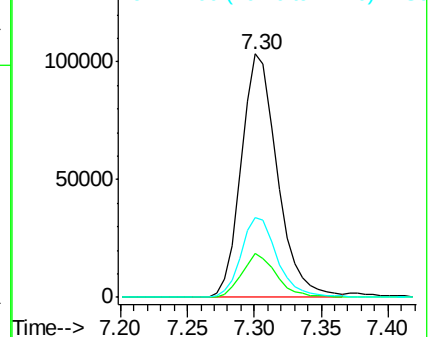
99 100

42 18.3 14.1 21.1

71 32.6 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031155.D

Acq: 21 Nov 2017 15:41

Tgt Ion: 136 Resp: 235268

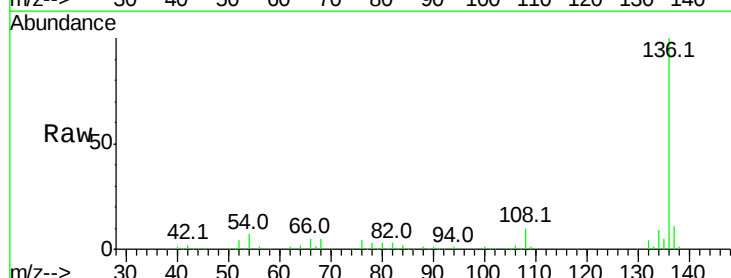
Ion Ratio Lower Upper

136 100

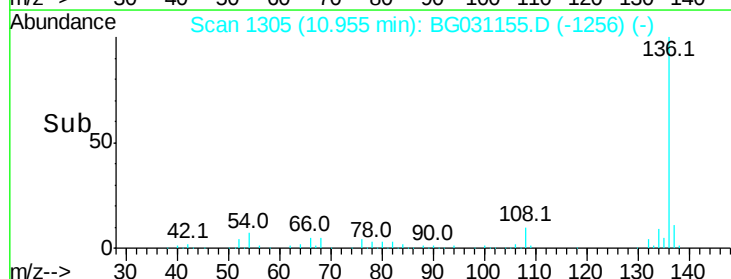
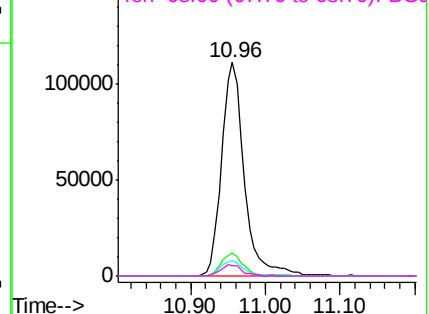
137 10.9 9.2 13.8

54 7.5 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

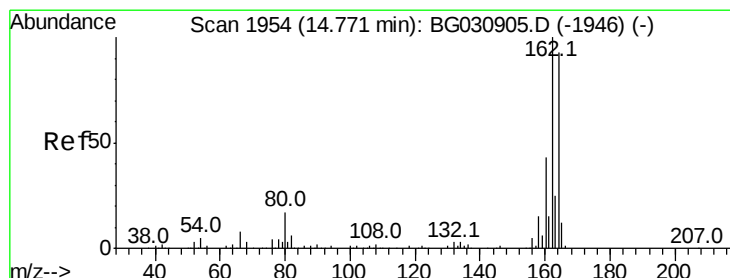
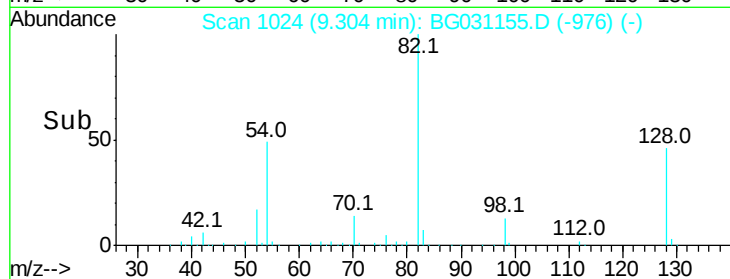
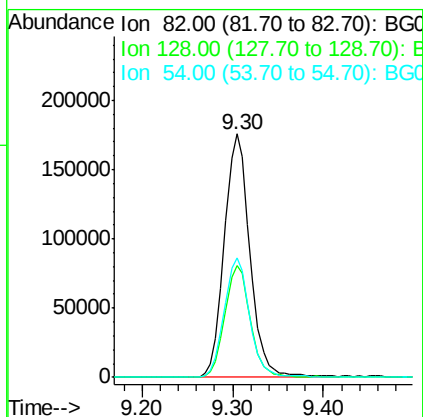
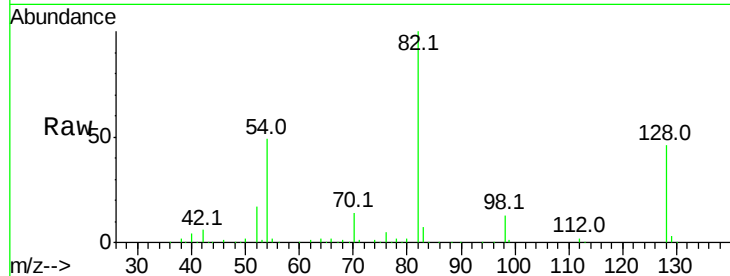




#23
 Nitrobenzene-d5
 Concen: 87.013 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031155.D
 Acq: 21 Nov 2017 15:41

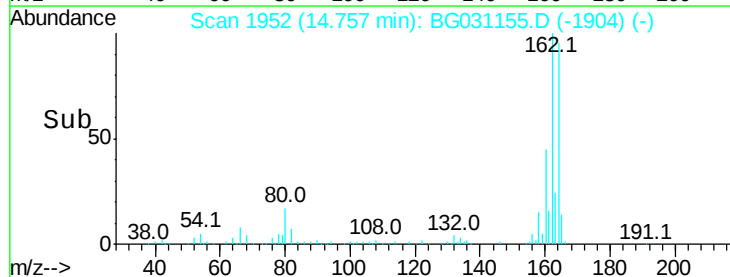
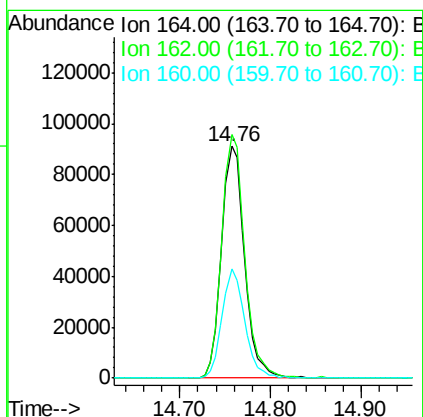
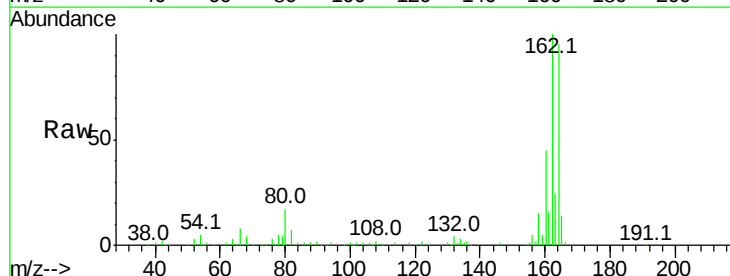
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 345472
 Ion Ratio Lower Upper
 82 100
 128 46.0 29.7 44.5#
 54 49.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031155.D
 Acq: 21 Nov 2017 15:41

Tgt Ion:164 Resp: 160538
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.9 35.4 53.0

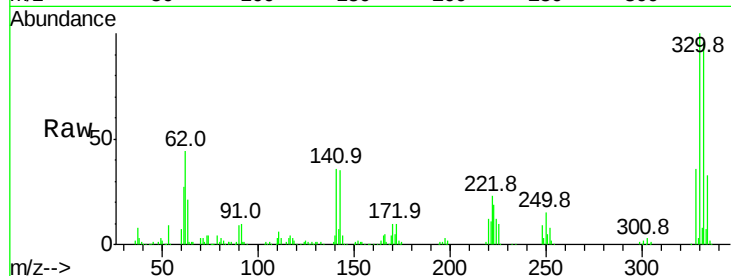




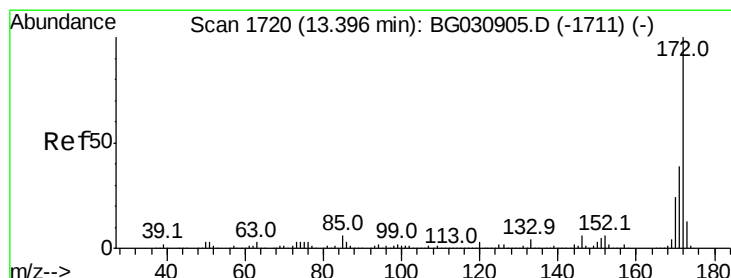
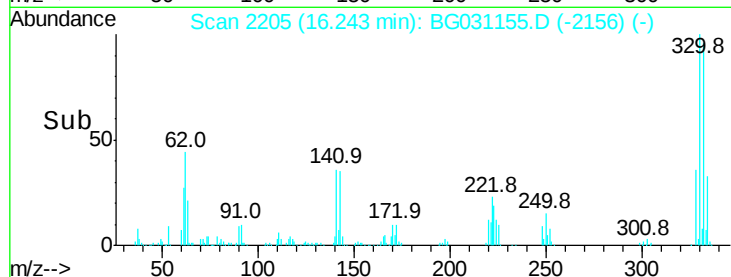
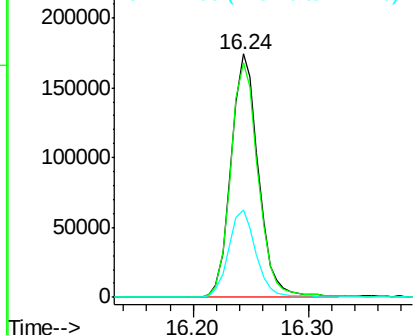
#41
 2,4,6-Tribromophenol
 Concen: 110.451 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031155.D
 Acq: 21 Nov 2017 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.3	25.2	37.8

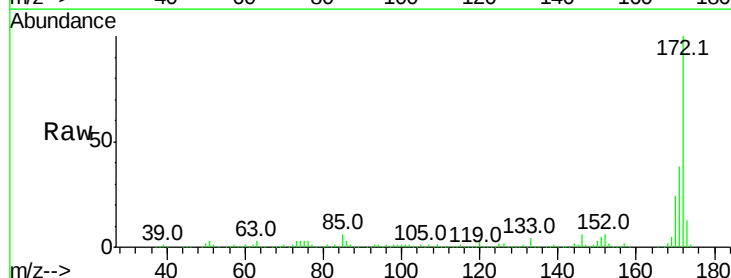


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

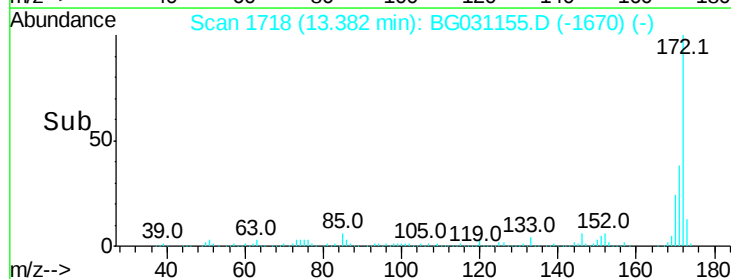
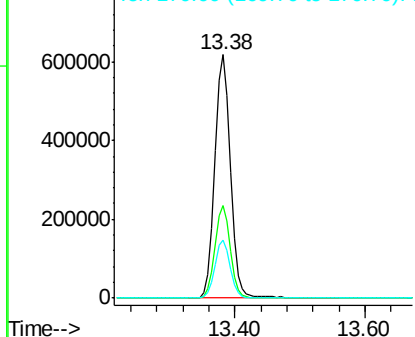


#44
 2-Fluorobiphenyl
 Concen: 92.135 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031155.D
 Acq: 21 Nov 2017 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.0	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

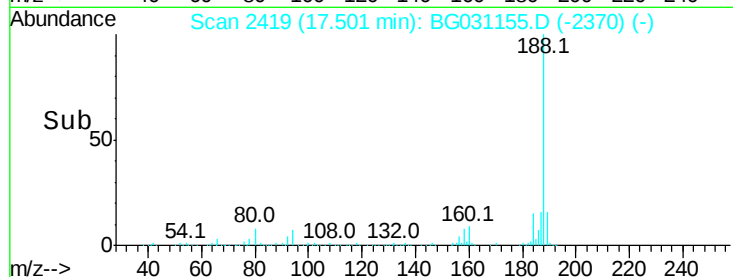
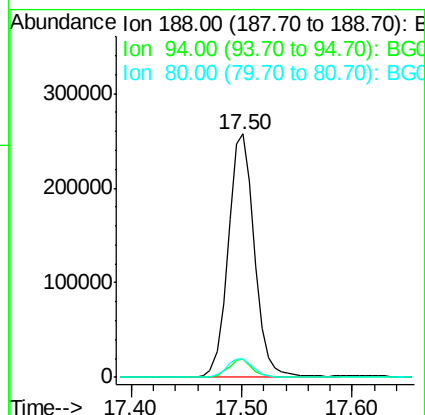
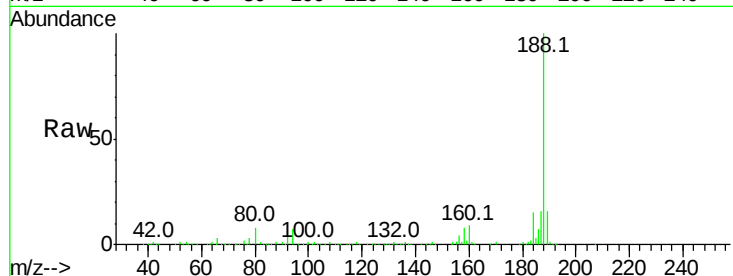




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031155.D
Acq: 21 Nov 2017 15:41

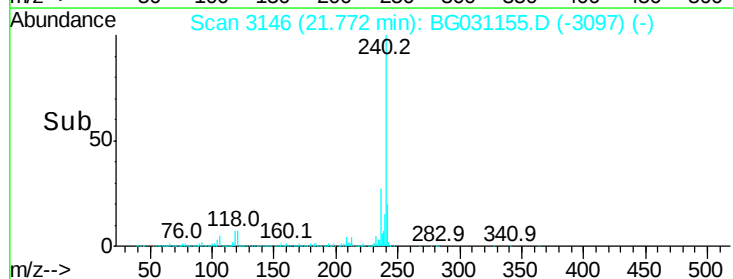
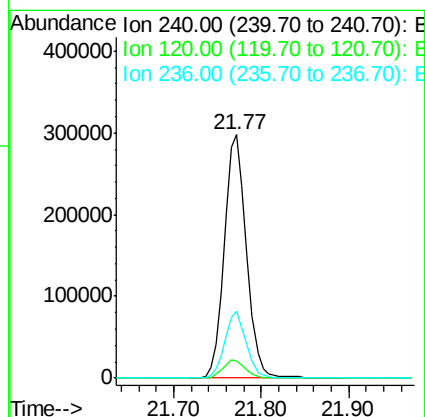
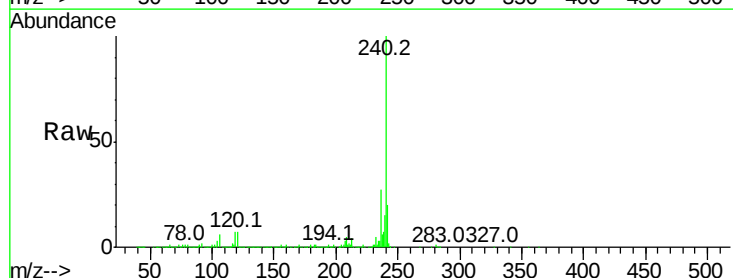
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 428506
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031155.D
Acq: 21 Nov 2017 15:41

Tgt Ion:240 Resp: 519091
Ion Ratio Lower Upper
240 100
120 7.1 6.8 10.2
236 27.4 20.9 31.3





#78

Terphenyl-d14

Concen: 83.927 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031155.D

Acq: 21 Nov 2017 15:41

Instrument :

BNA_G

ClientSampleId :

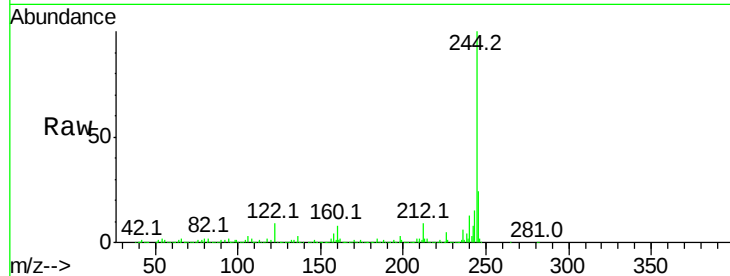
Tot Ion:244 Resp: 1972998

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

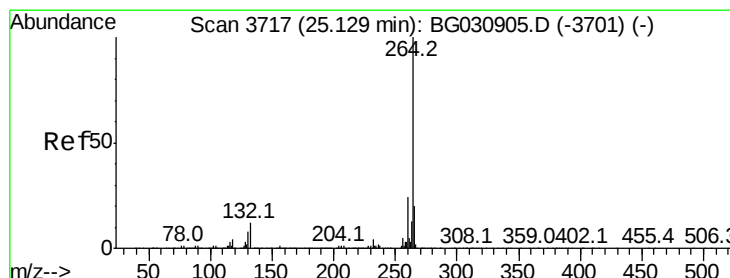
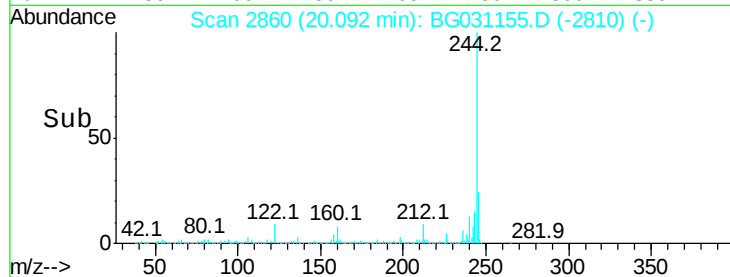
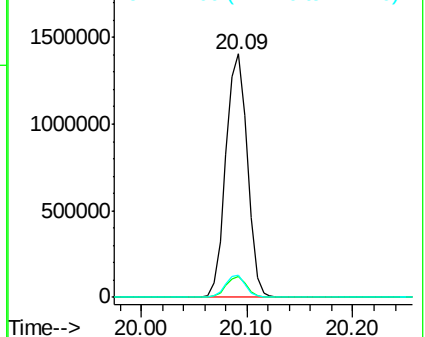
122 9.1 7.0 10.4



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031155.D

Acq: 21 Nov 2017 15:41

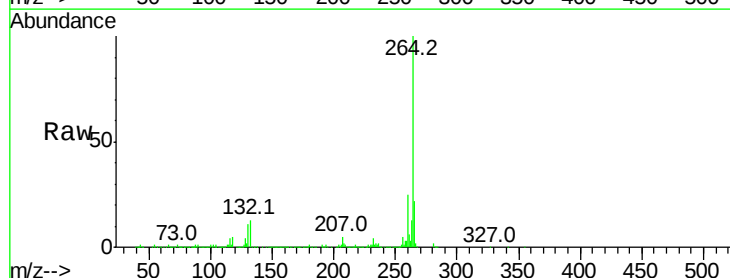
Tgt Ion:264 Resp: 494445

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.1 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

