

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031395.D
 Acq On : 7 Dec 2017 7:56
 Operator : SJ/JU
 Sample : I6733-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 09:55:48 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	59387	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	249347	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	163680	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	441419	20.00	ng	0.00
75) Chrysene-d12	21.76	240	511041	20.00	ng	0.00
86) Perylene-d12	25.06	264	465237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	386682	111.65	ng	0.00
7) Phenol-d6	7.29	99	447187	95.84	ng	0.00
23) Nitrobenzene-d5	9.30	82	336790	80.04	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	231166	87.30	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	950647	83.45	ng	0.00
78) Terphenyl-d14	20.08	244	1853328	80.08	ng	0.00

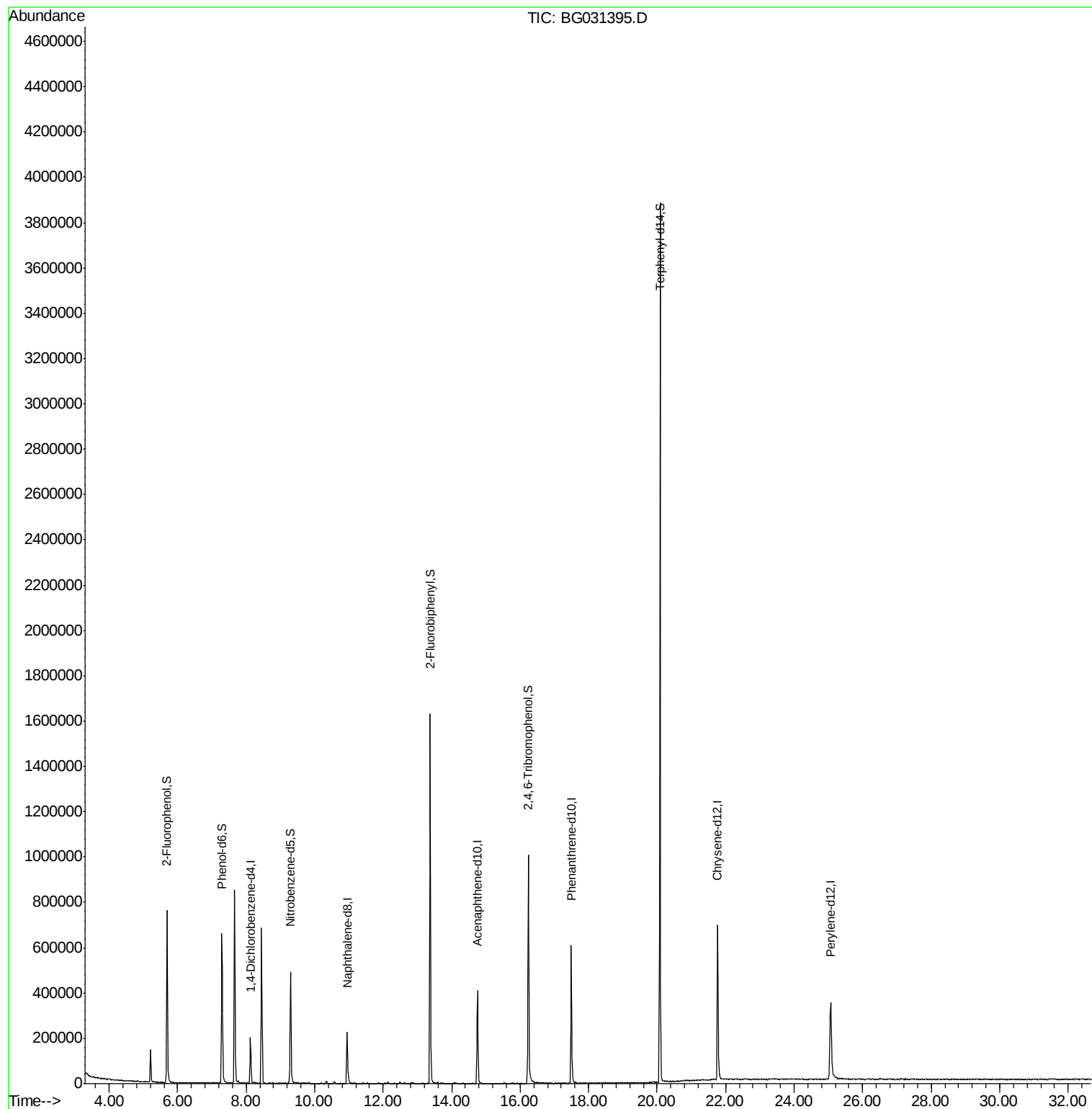
Target Compounds Qvalue

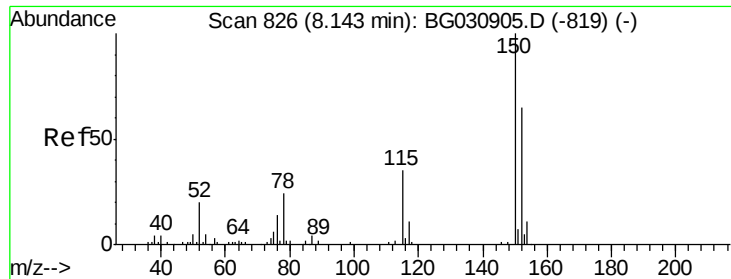
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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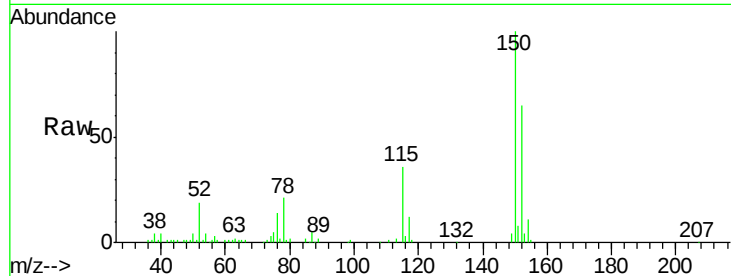


#1

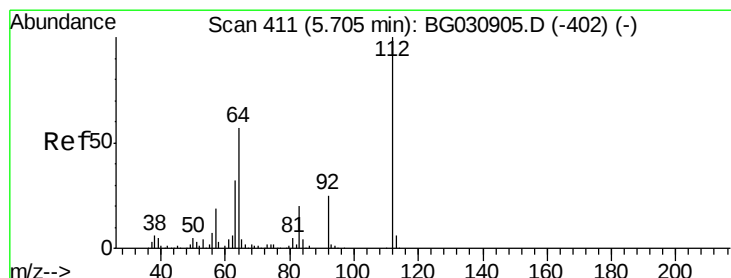
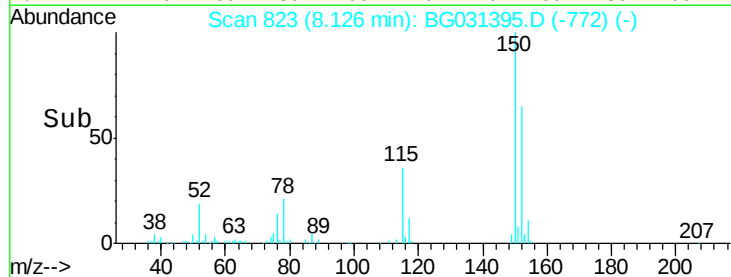
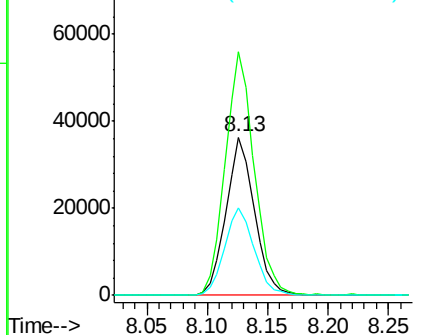
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031395.D
Acq: 7 Dec 2017 7:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	55.6	53.0	79.4



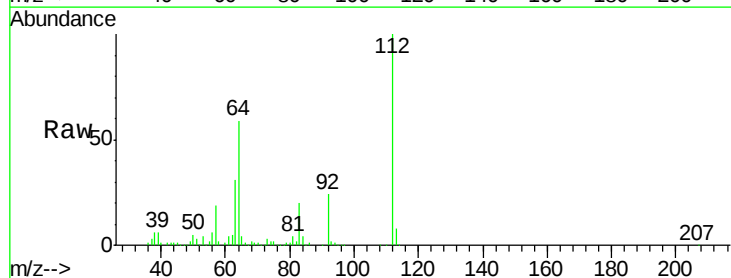
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



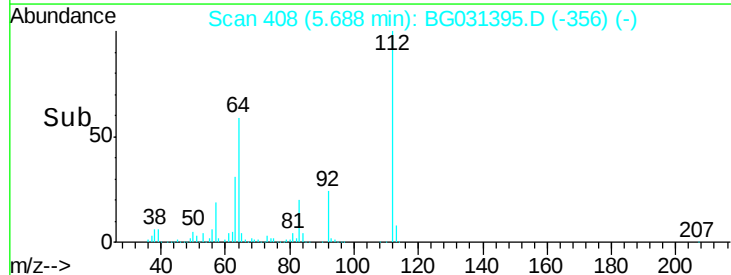
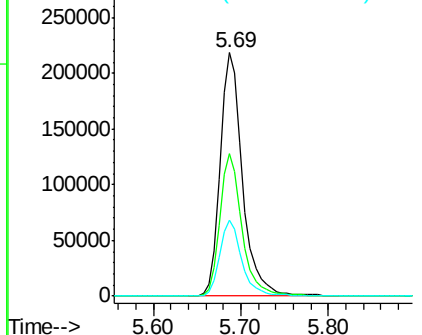
#5

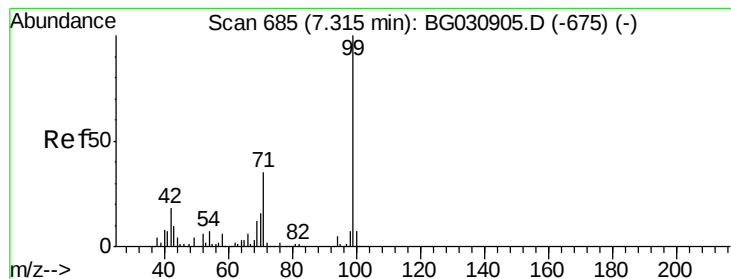
2-Fluorophenol
Concen: 111.652 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031395.D
Acq: 7 Dec 2017 7:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	56.3	84.5
63	31.4	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: 95.844 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

Instrument :

BNA_G

ClientSampleId :

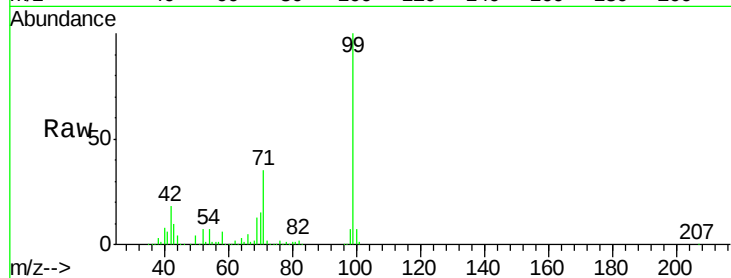
Tot Ion: 99 Resp: 447187

Ion Ratio Lower Upper

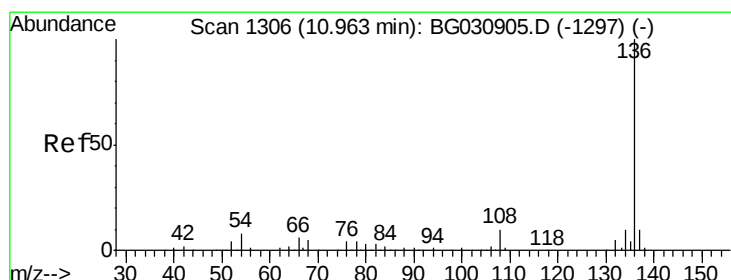
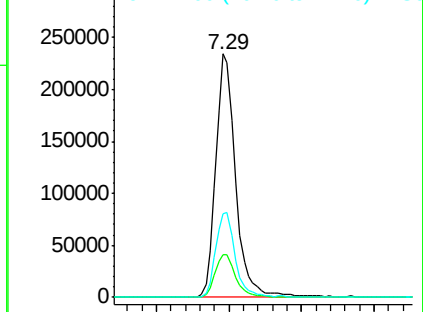
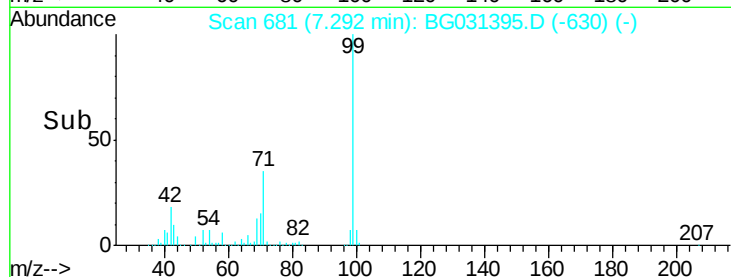
99 100

42 17.7 14.1 21.1

71 34.6 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

Tgt Ion: 136 Resp: 249347

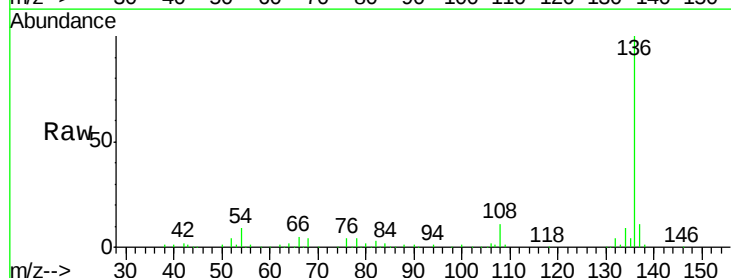
Ion Ratio Lower Upper

136 100

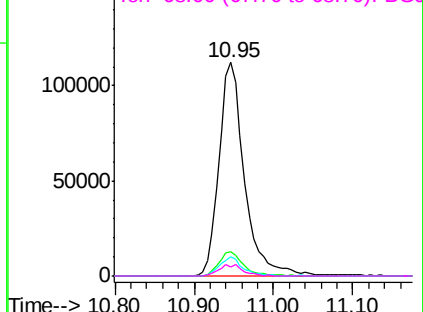
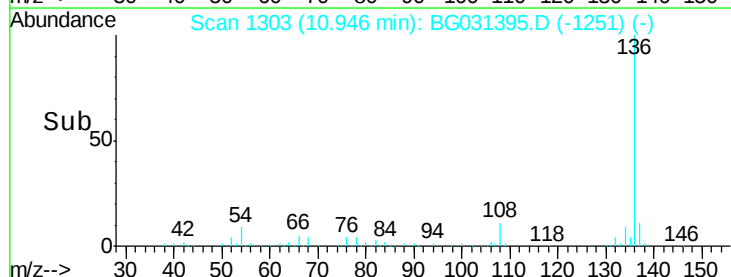
137 11.4 9.2 13.8

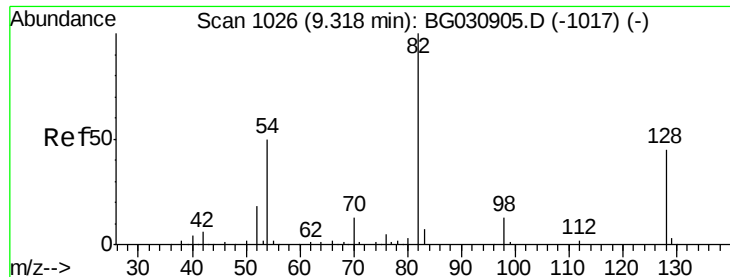
54 9.1 10.3 15.5#

68 4.2 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

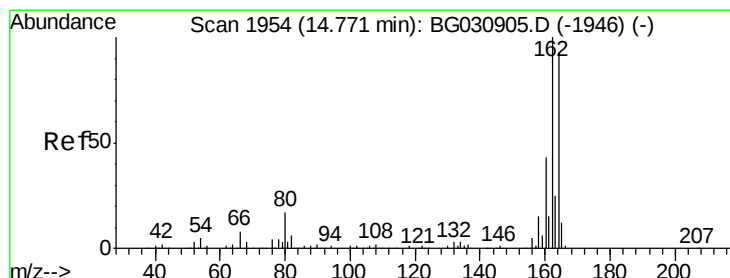
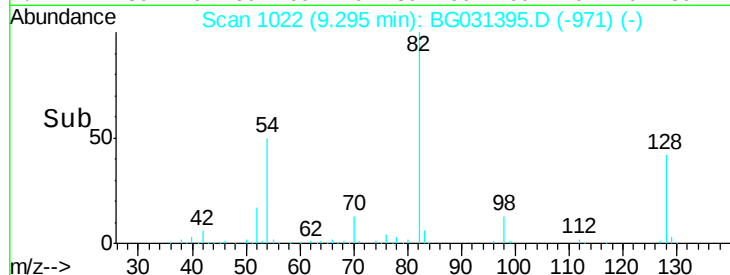
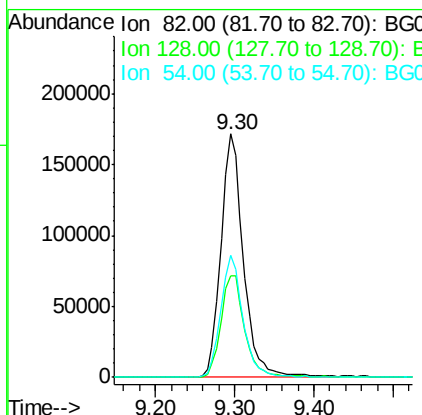
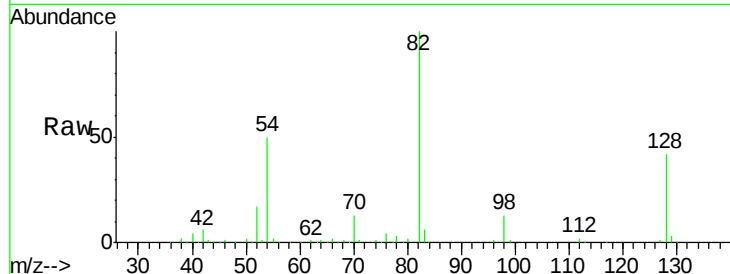




#23
Nitrobenzene-d5
Concen: 80.037 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031395.D
Acq: 7 Dec 2017 7:56

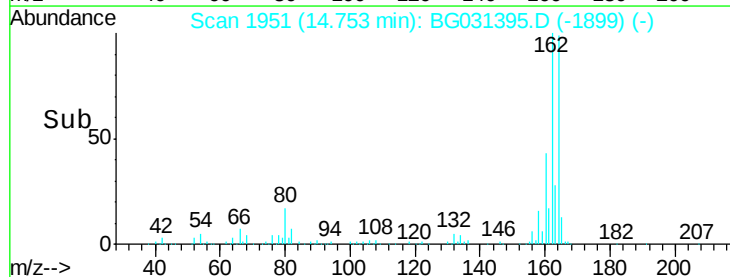
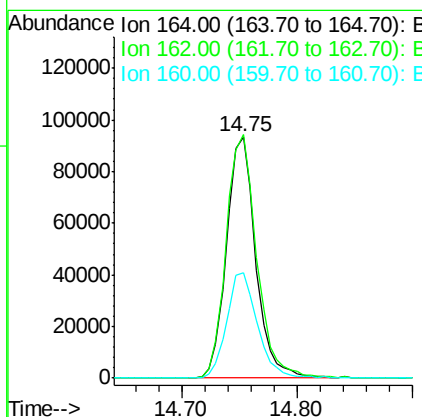
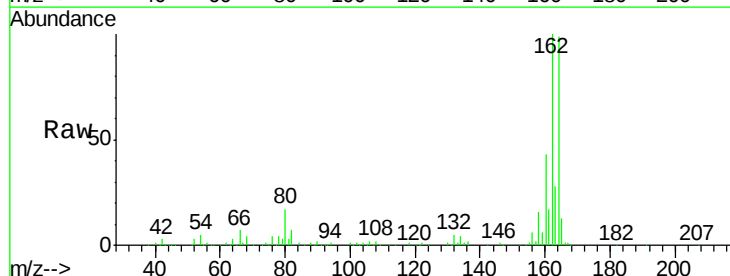
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	336790
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.7	44.5
54	49.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031395.D
Acq: 7 Dec 2017 7:56

Tgt Ion	164	Resp	163680
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.8	118.2
160	43.9	35.4	53.0

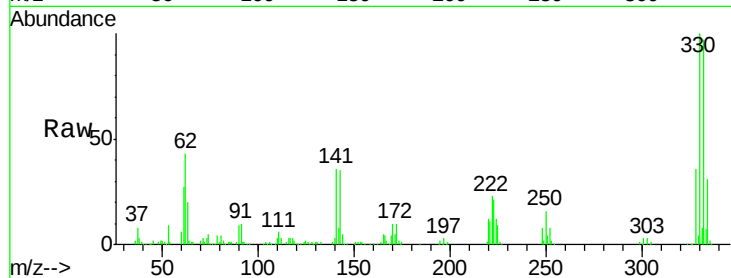




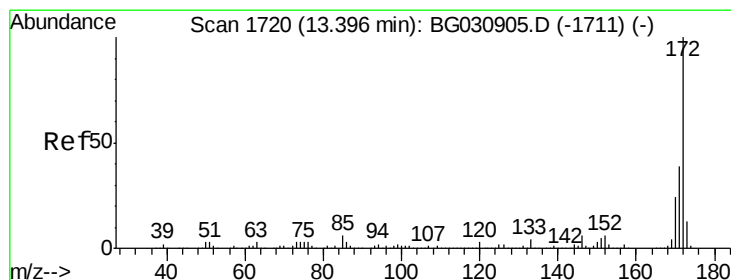
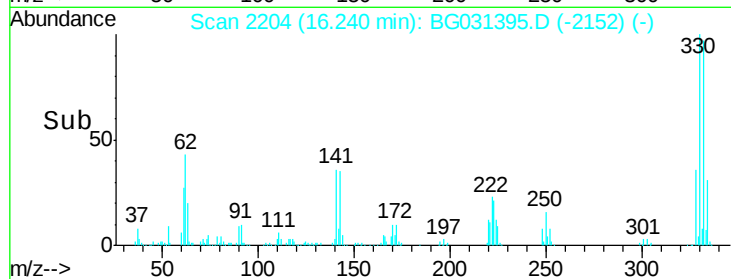
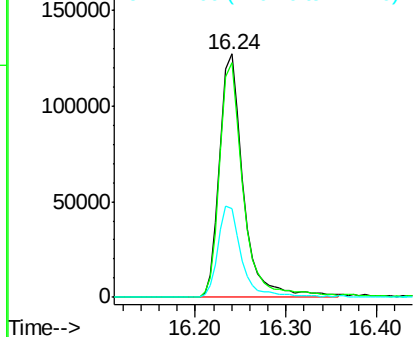
#41
 2,4,6-Tribromophenol
 Concen: 87.305 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031395.D
 Acq: 7 Dec 2017 7:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.2	25.2	37.8

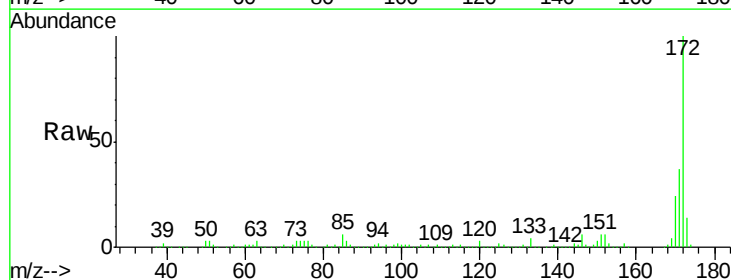


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

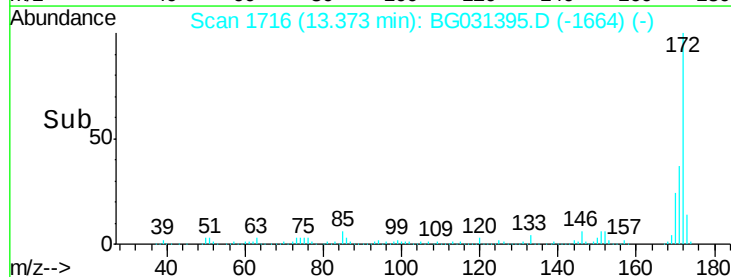
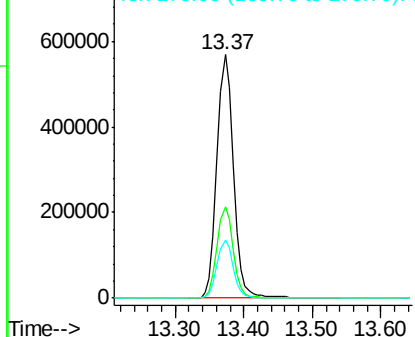


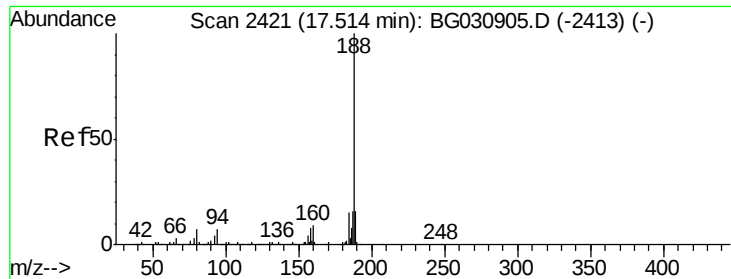
#44
 2-Fluorobiphenyl
 Concen: 83.454 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031395.D
 Acq: 7 Dec 2017 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.8	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# 2417

Delta R.T. -0.00 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

Instrument :

BNA_G

ClientSampleId :

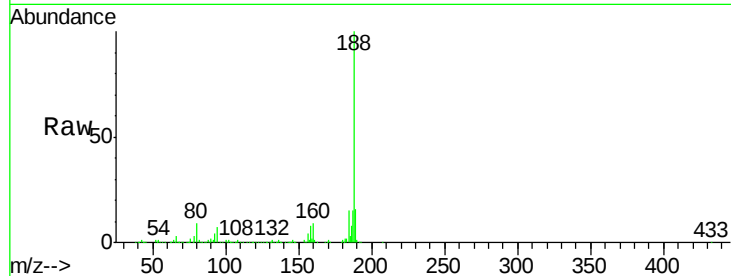
Tot Ion:188 Resp: 441419

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 9.0 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

17.49

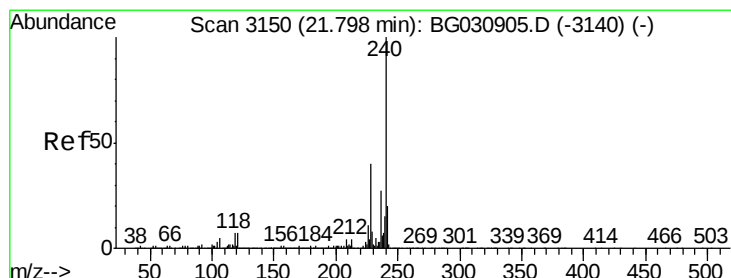
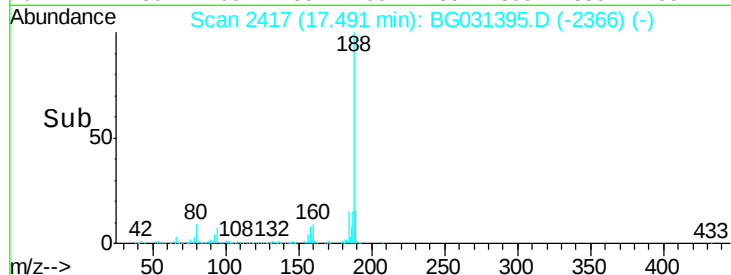
300000

200000

100000

0

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

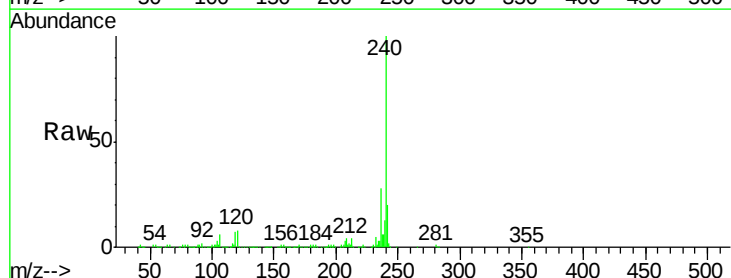
Tgt Ion:240 Resp: 511041

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

236 27.9 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

21.76

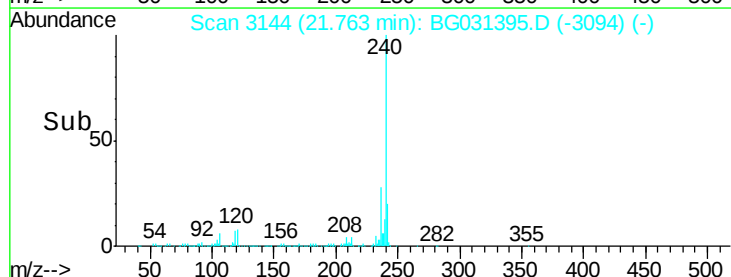
300000

200000

100000

0

Time-->





#78

Terphenyl-d14

Concen: 80.078 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

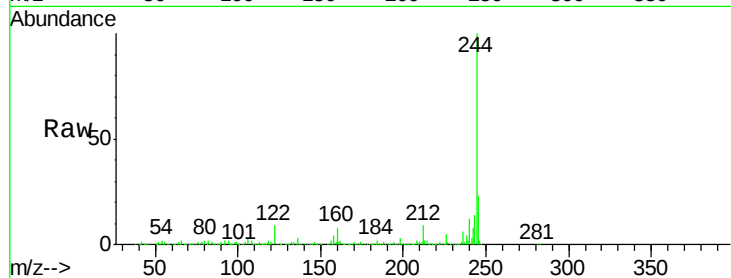
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1853328

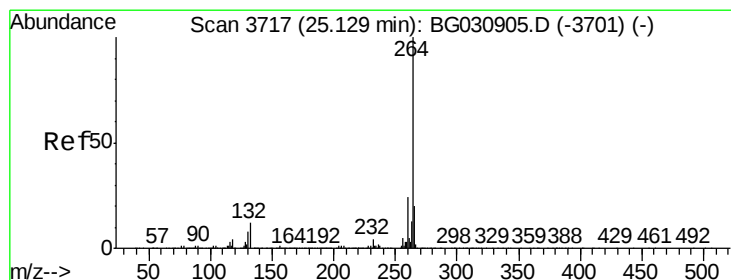
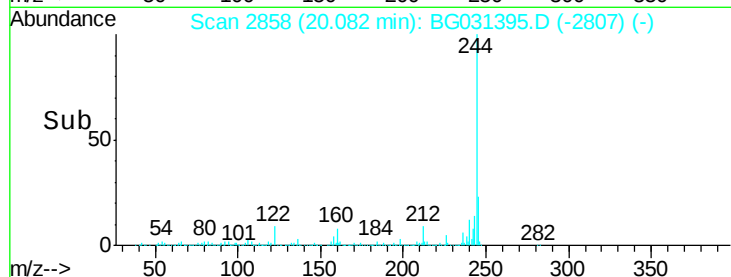
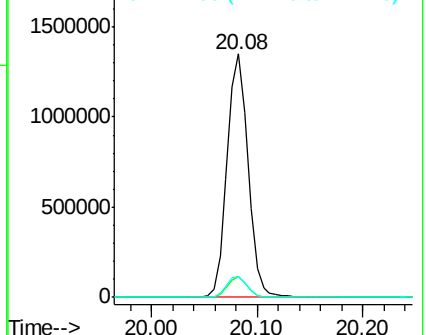
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.6	7.0	10.4



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

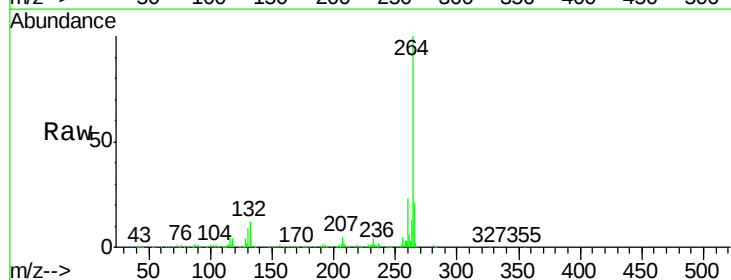
Delta R.T. -0.00 min

Lab File: BG031395.D

Acq: 7 Dec 2017 7:56

Tgt Ion:264 Resp: 465237

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	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

