

Data Path : Z:\HPCHEM1\BNA G\Data\BG022817\
 Data File : BG026018.D
 Acq On : 1 Mar 2017 10:02
 Operator : SJ/MA
 Sample : PB97232BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 12:17:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	115696	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	523174	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	361357	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	1004673	20.00	ng	0.00
75) Chrysene-d12	21.66	240	1038817	20.00	ng	-0.02
86) Perylene-d12	24.86	264	1017296	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	770673	115.97	ng	0.00
7) Phenol-d6	7.23	99	1066775	108.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	581140	70.10	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	539869	161.71	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1637809	79.20	ng	-0.01
78) Terphenyl-d14	20.01	244	2594085	60.73	ng	-0.01

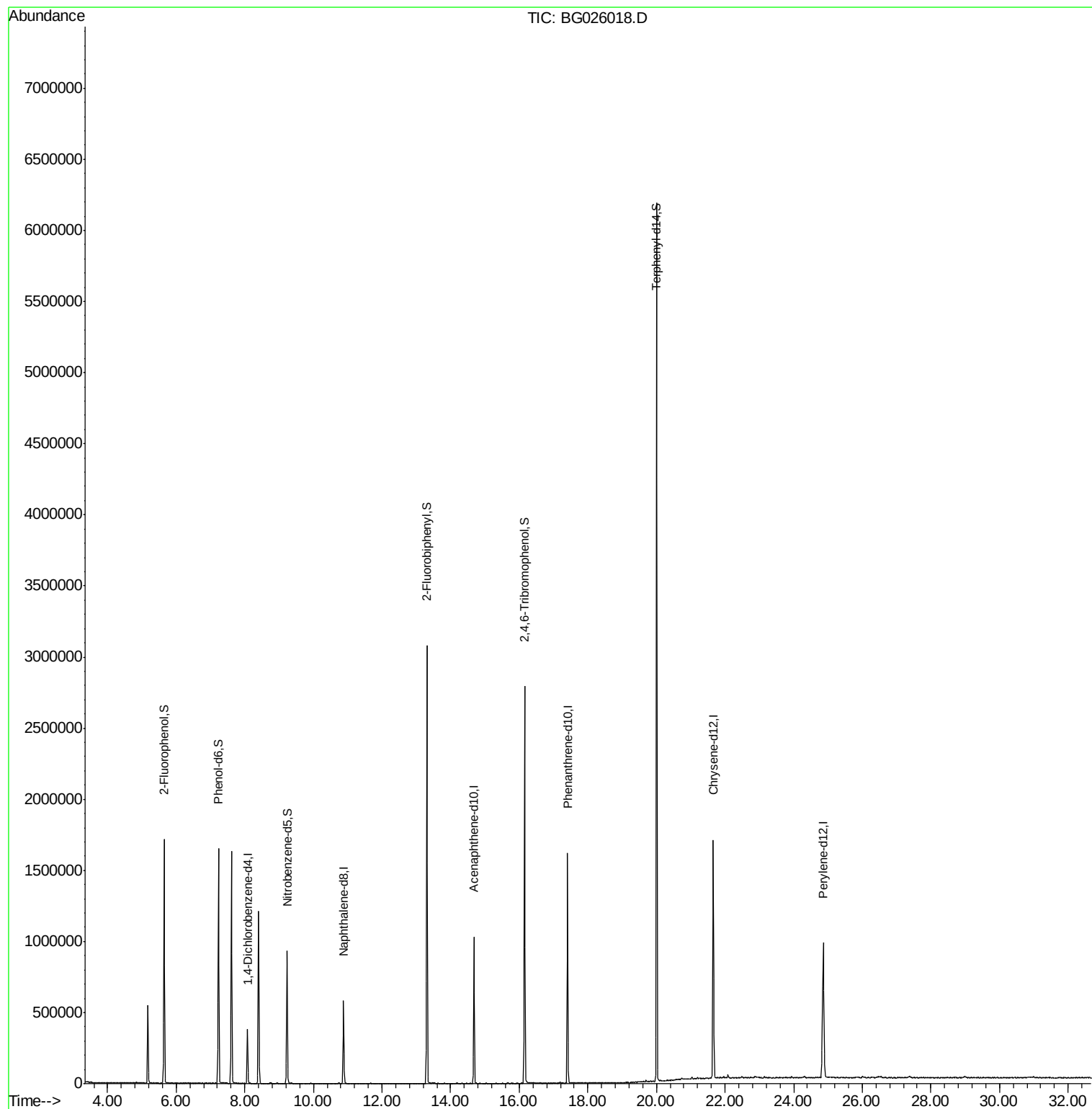
Target Compounds Qvalue

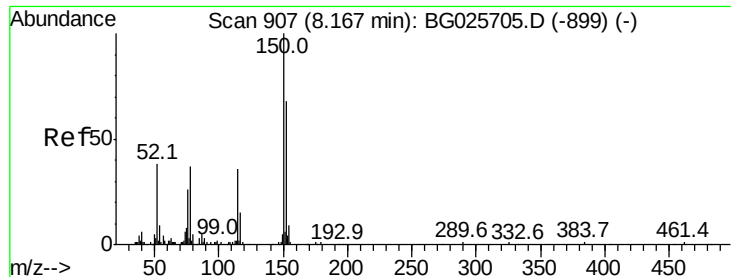
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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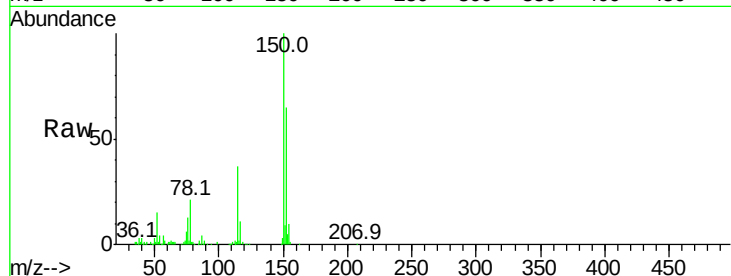


#1

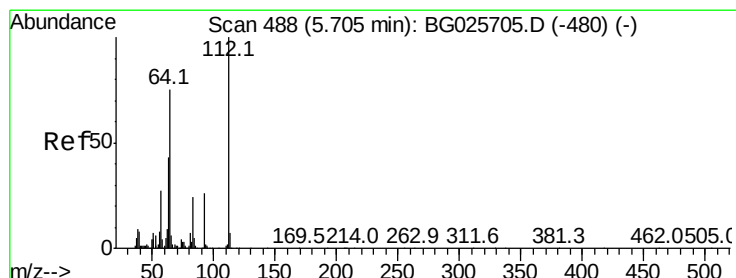
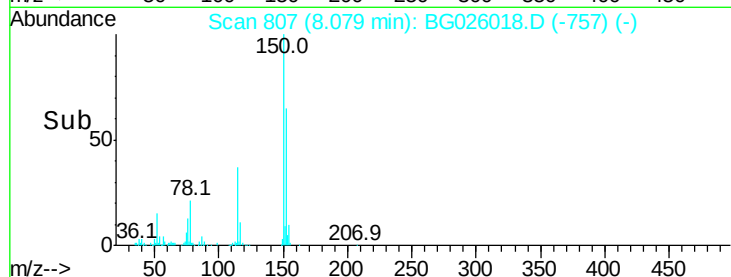
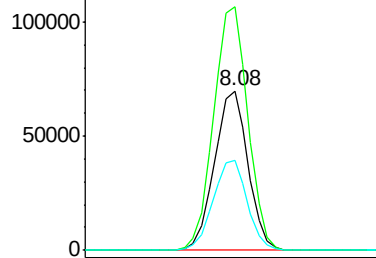
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG026018.D
Acq: 1 Mar 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 115696
Ion Ratio Lower Upper
152 100
150 152.7 114.0 171.0
115 56.6 48.1 72.1



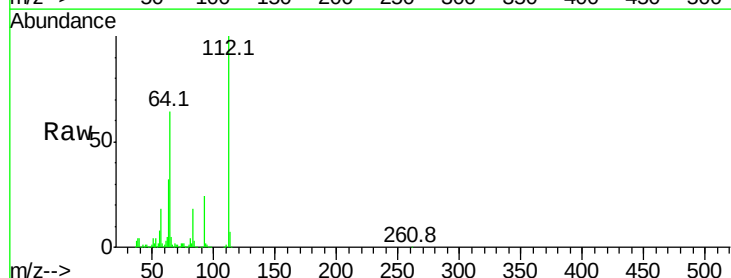
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



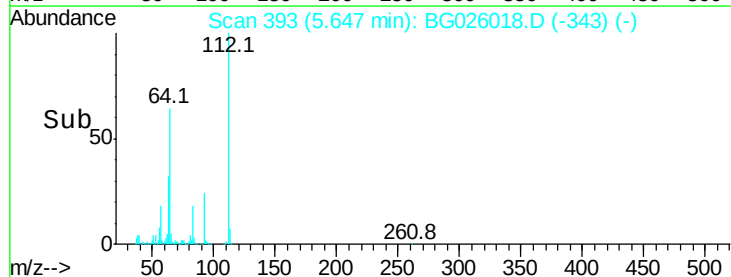
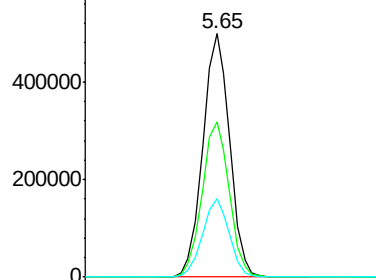
#5

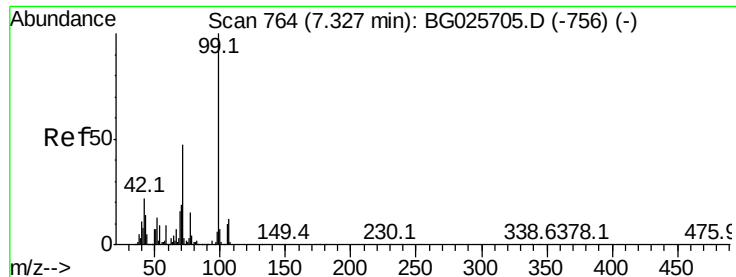
2-Fluorophenol
Concen: 115.97 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG026018.D
Acq: 1 Mar 2017 10:02

Tgt Ion:112 Resp: 770673
Ion Ratio Lower Upper
112 100
64 64.0 61.8 92.6
63 32.4 37.2 55.8#



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: 108.48 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

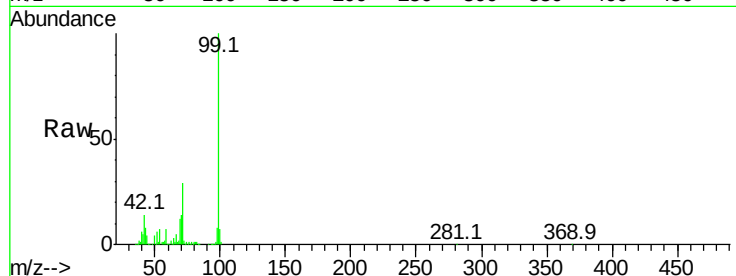
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1066775

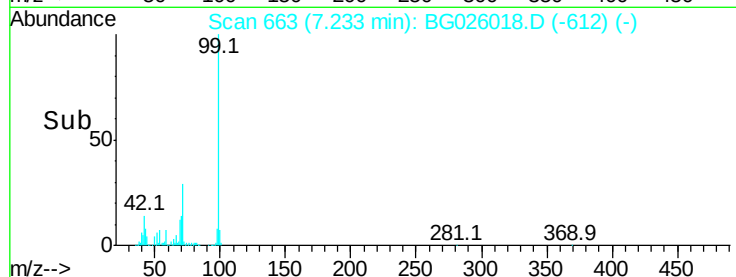
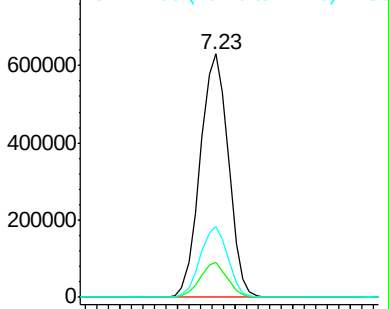
Ion	Ratio	Lower	Upper
99	100		
42	14.5	20.5	30.7#
71	29.3	37.6	56.4#



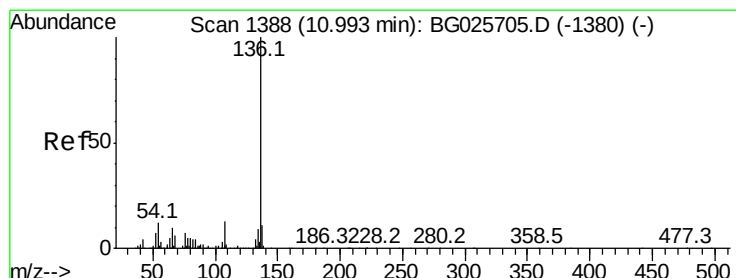
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

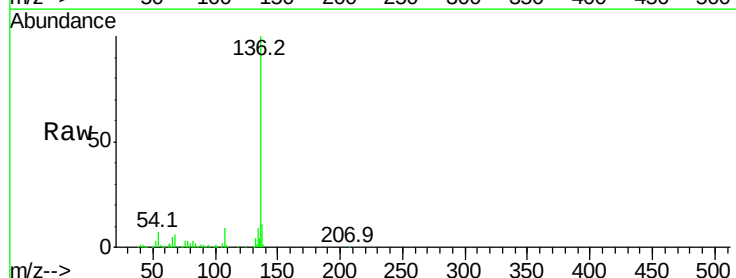
Delta R.T. -0.01 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

Tgt Ion: 136 Resp: 523174

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	9.3	13.9#
68	6.5	5.1	7.7

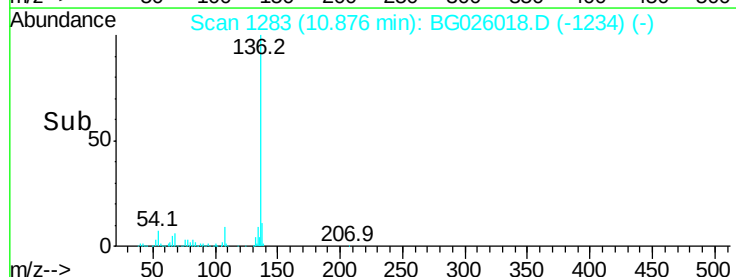
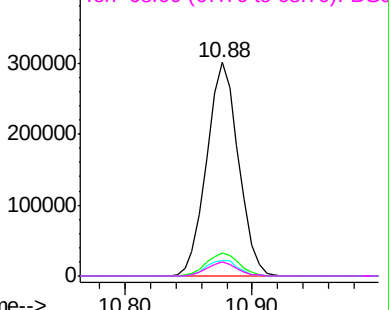


Abundance Ion 136.00 (135.70 to 136.70): BGC

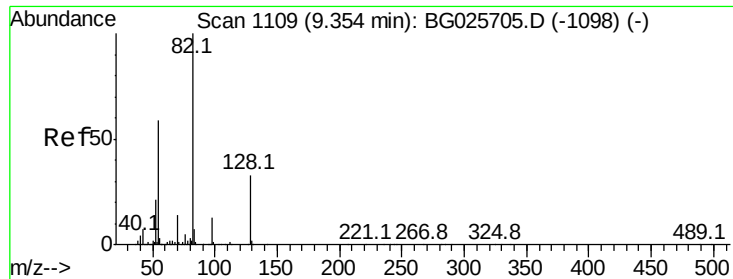
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



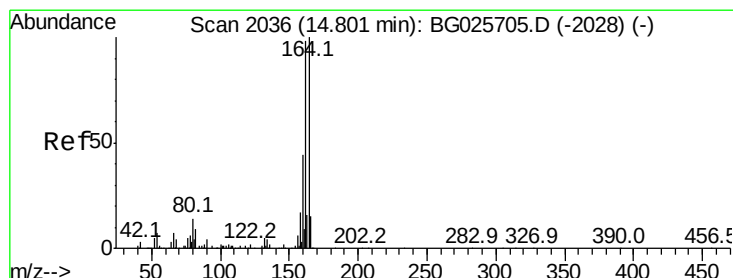
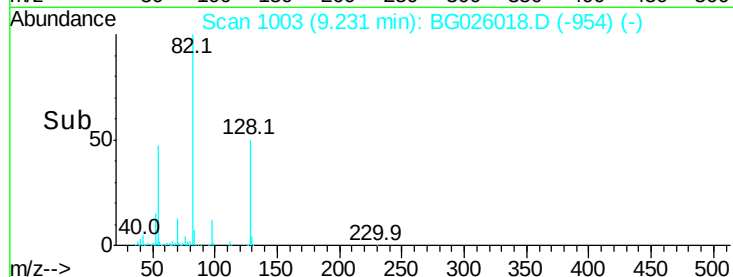
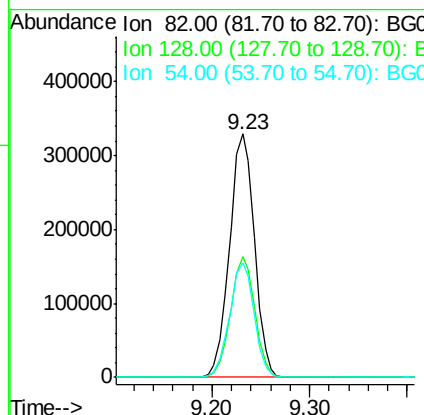
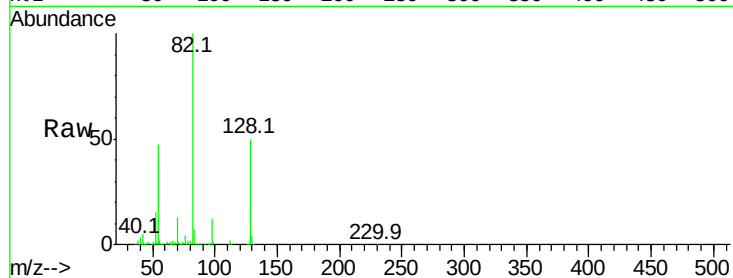
Time-->



#23
 Nitrobenzene-d5
 Concen: 70.10 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026018.D
 Acq: 1 Mar 2017 10:02

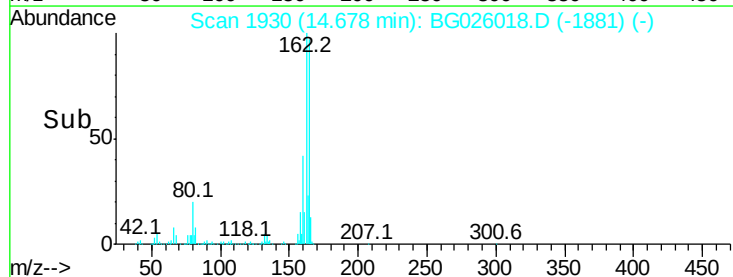
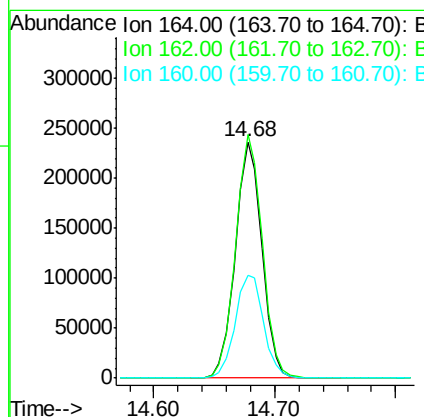
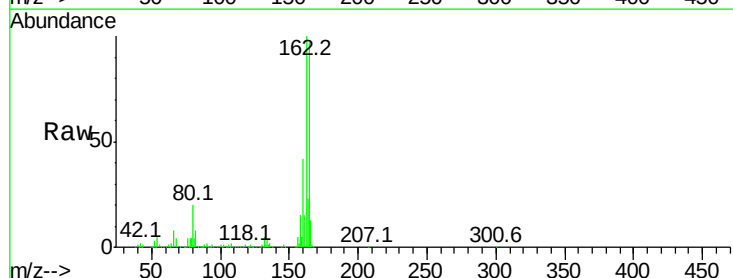
Instrument :
 BNA_G
 ClientSampled :

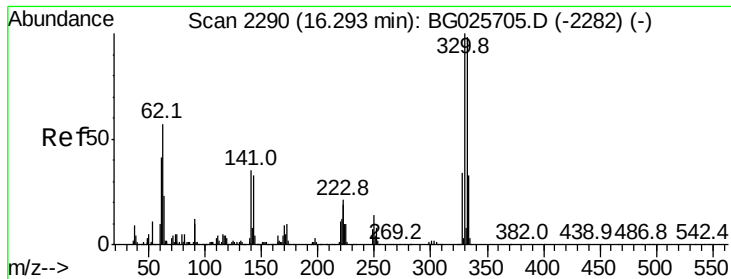
Tot Ion	82	Resp	581140
Ion Ratio	100	Lower	Upper
128	49.8	26.4	39.6#
54	46.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG026018.D
 Acq: 1 Mar 2017 10:02

Tgt Ion	164	Resp	361357
Ion Ratio	100	Lower	Upper
162	103.2	85.1	127.7
160	43.4	34.7	52.1

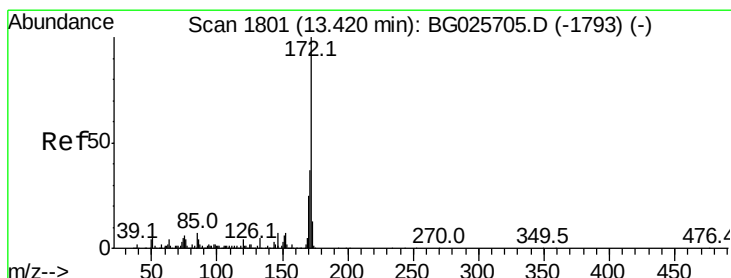
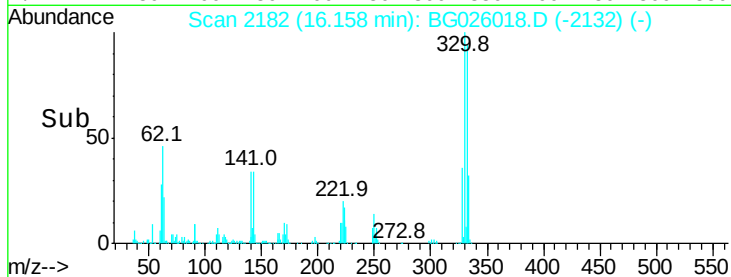
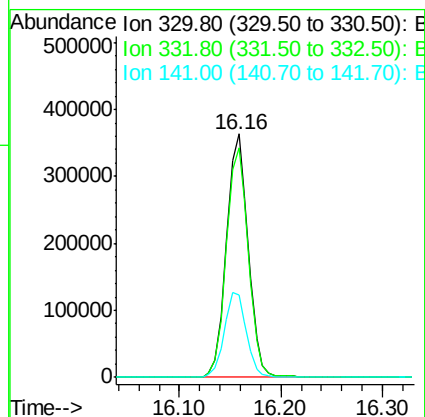
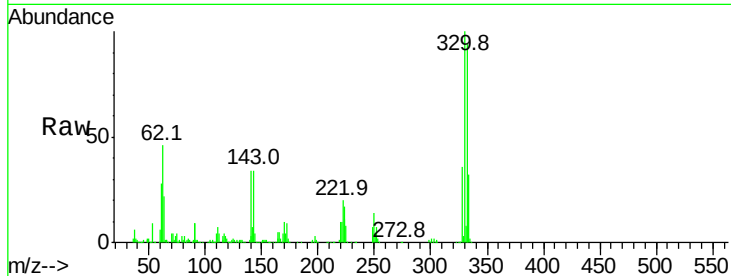




#41
 2,4,6-Tribromophenol
 Concen: 161.71 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG026018.D
 Acq: 1 Mar 2017 10:02

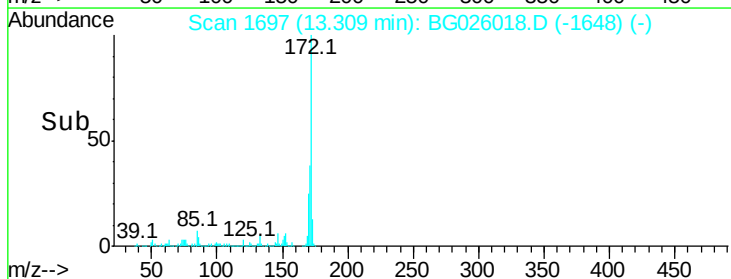
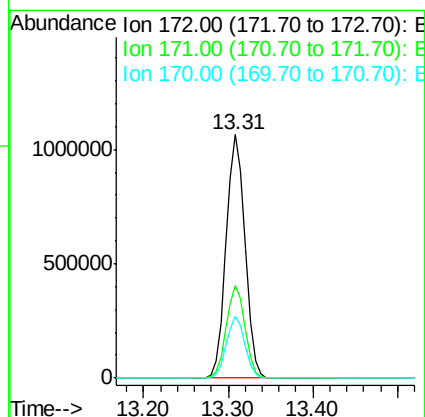
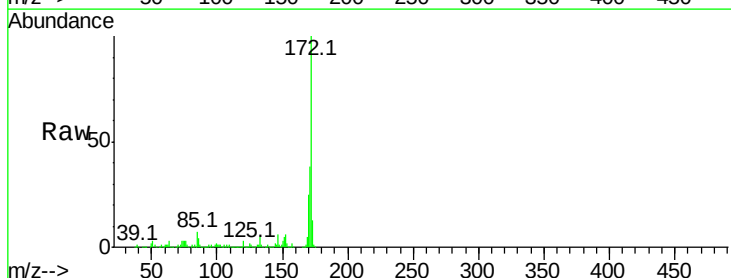
Instrument :
 BNA_G
 ClientSampled :

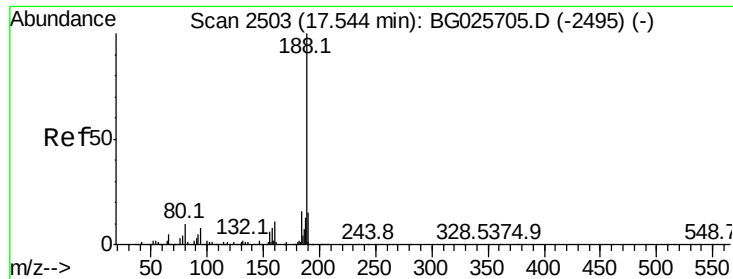
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	35.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 79.20 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026018.D
 Acq: 1 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

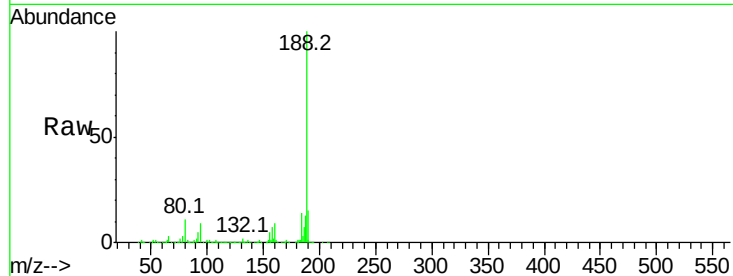
Tot Ion:188 Resp: 1004673

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

80 10.6 7.5 11.3



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

800000

600000

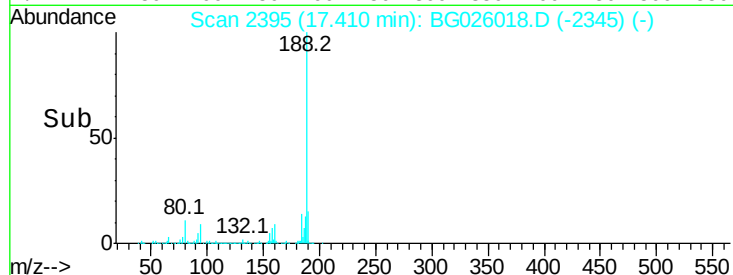
400000

200000

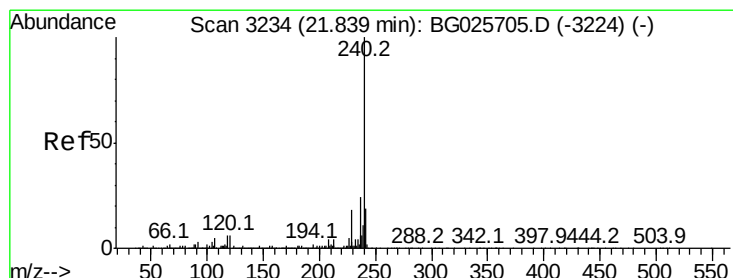
0

17.41

17.30 17.40 17.50



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

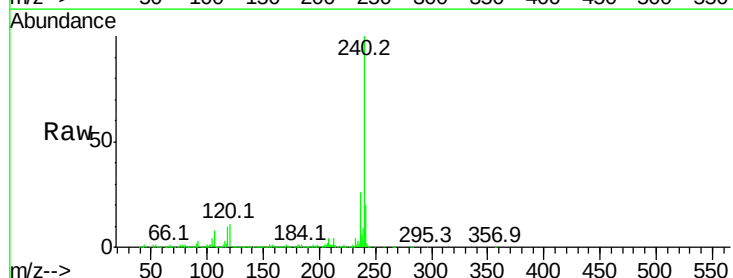
Tgt Ion:240 Resp: 1038817

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

236 26.0 22.2 33.4



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

800000

600000

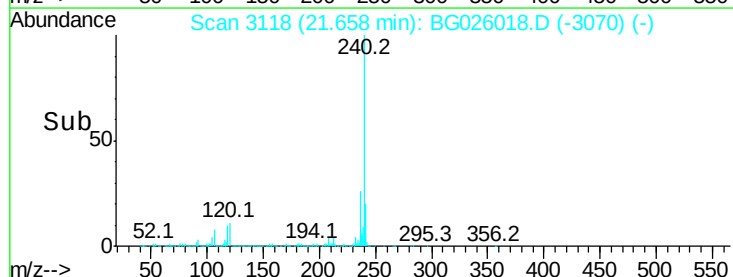
400000

200000

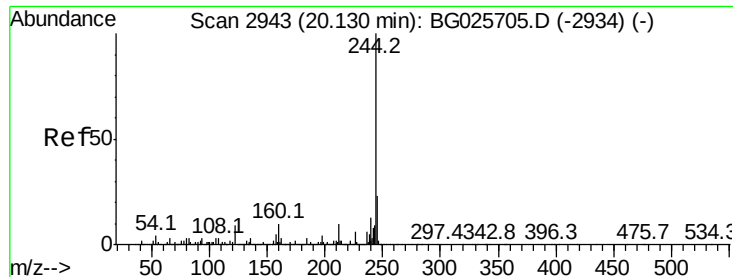
0

21.66

21.60 21.70 21.80



Time-->



#78

Terphenyl-d14

Concen: 60.73 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

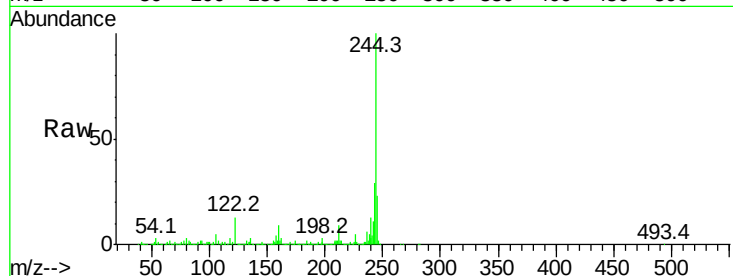
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2594085

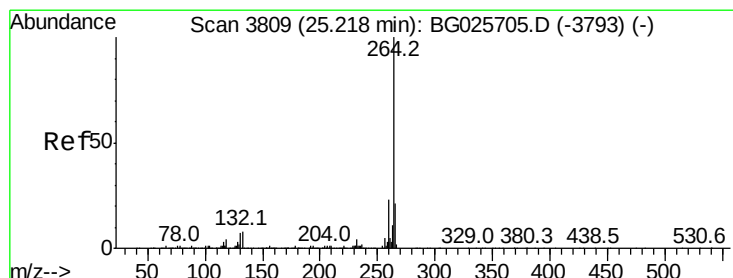
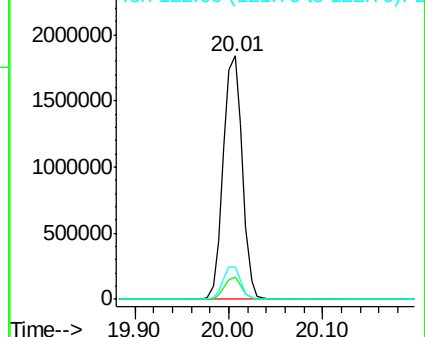
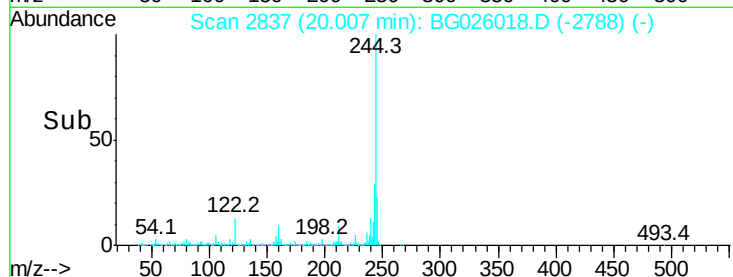
Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.3	8.6	12.8#



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: 20.00 ng

RT: 24.86 min Scan# 3663

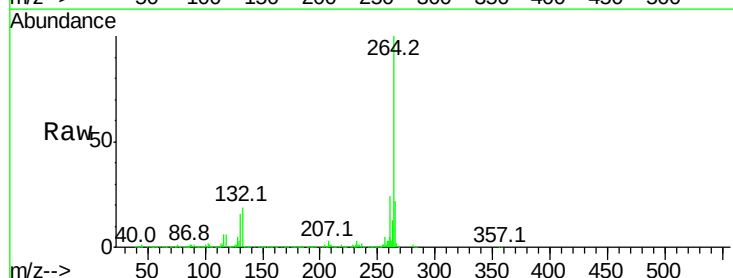
Delta R.T. -0.03 min

Lab File: BG026018.D

Acq: 1 Mar 2017 10:02

Tgt Ion:264 Resp: 1017296

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.7	18.2	27.4



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

