

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031639.D
 Acq On : 18 Dec 2017 18:20
 Operator : SJ/JU
 Sample : PB105123BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105123BL

Quant Time: Dec 19 07:02:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64662	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	283950	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	191477	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	515798	20.00	ng	0.00
75) Chrysene-d12	21.73	240	565194	20.00	ng	-0.01
86) Perylene-d12	25.02	264	494338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	580006	158.99	ng	0.00
7) Phenol-d6	7.27	99	730185	144.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	422469	91.70	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	345589	154.06	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1276539	97.86	ng	0.00
78) Terphenyl-d14	20.06	244	2364767	95.19	ng	0.00

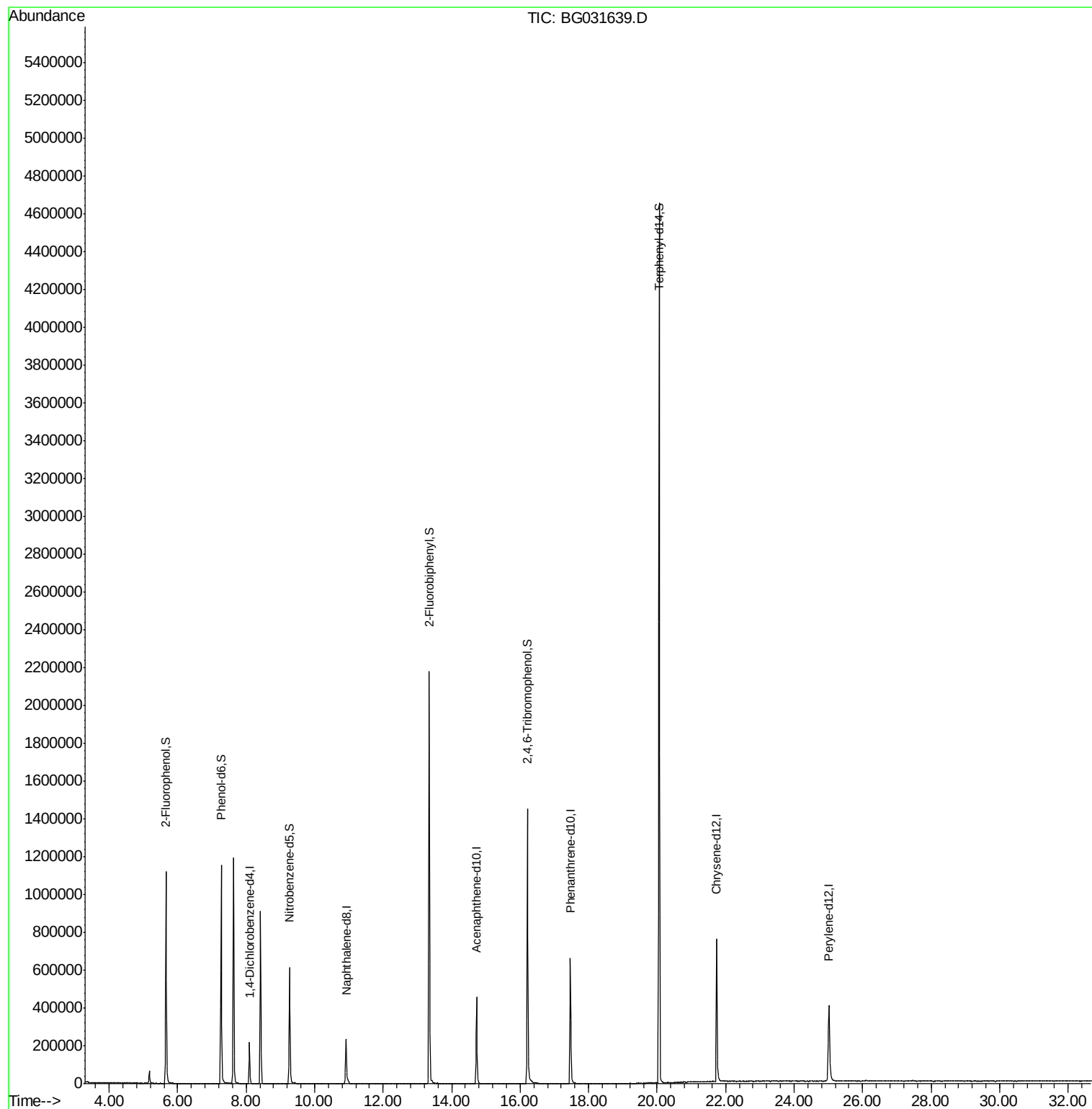
Target Compounds	Qvalue
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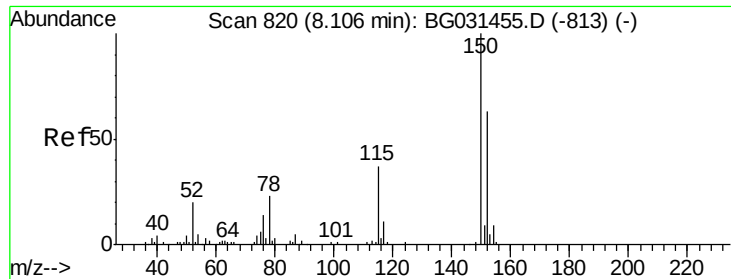
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 11 17:25:55 2017
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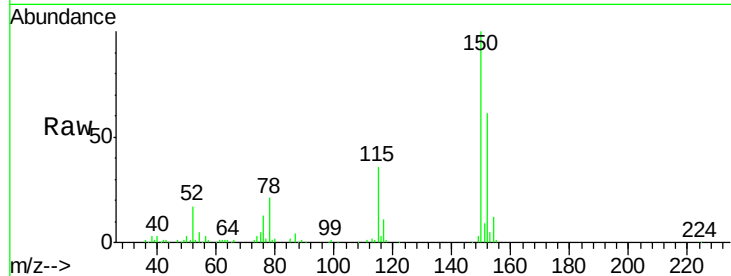


#1

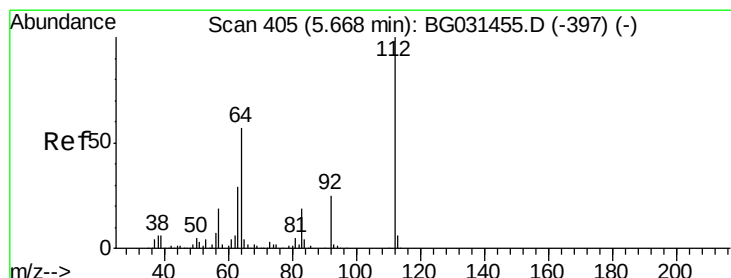
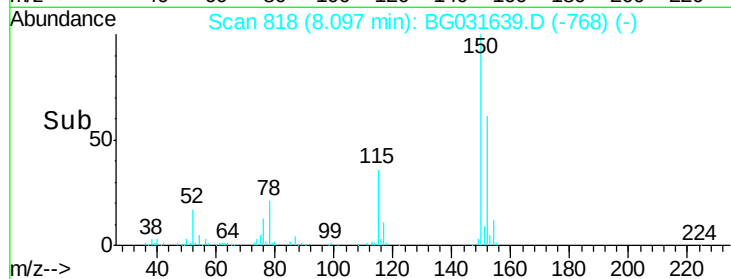
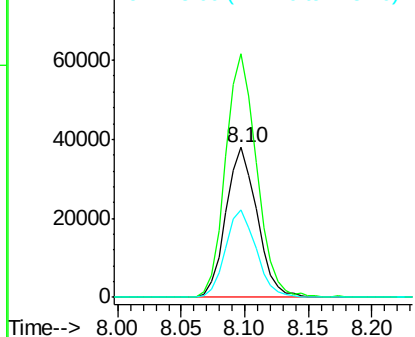
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Instrument :
BNA_G
ClientSampleId :
PB105123BL

Tgt Ion:152 Resp: 64662
Ion Ratio Lower Upper
152 100
150 162.7 126.6 189.8
115 58.7 53.0 79.4



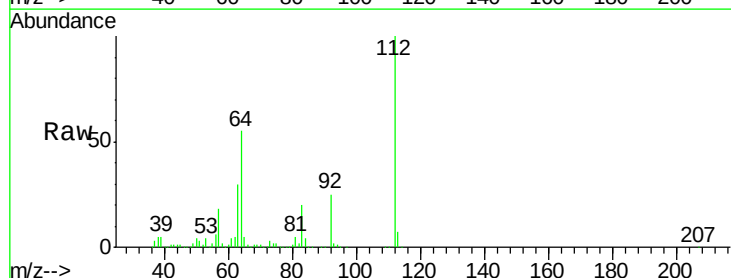
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



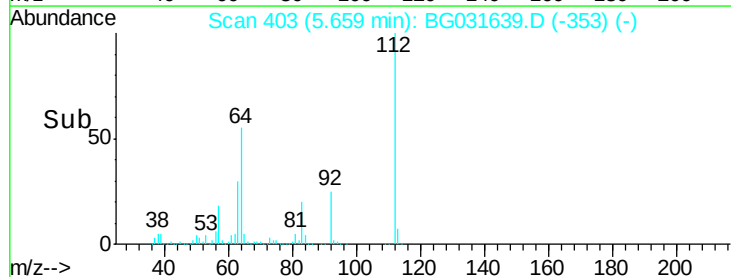
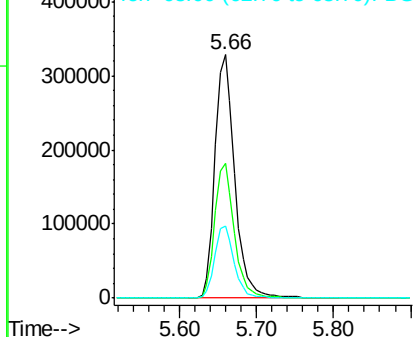
#5

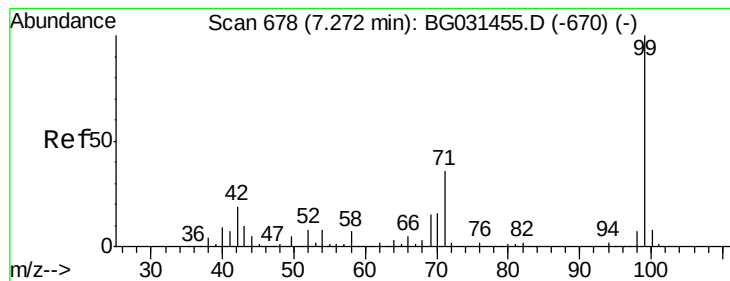
2-Fluorophenol
Concen: 158.992 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Tgt Ion:112 Resp: 580006
Ion Ratio Lower Upper
112 100
64 55.4 56.3 84.5#
63 29.6 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: 144.182 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

PB105123BL

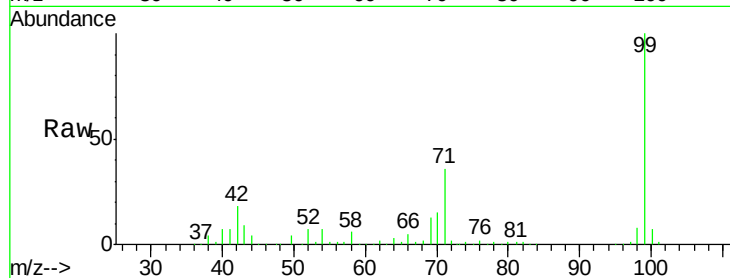
Tgt Ion: 99 Resp: 730185

Ion Ratio Lower Upper

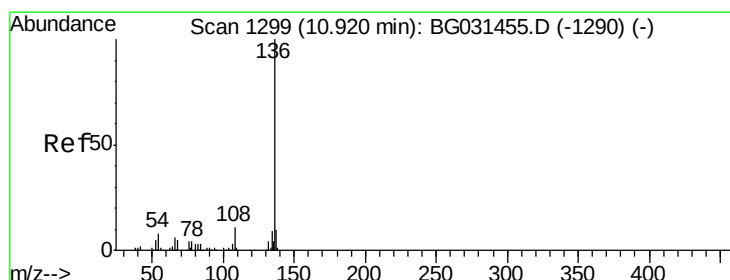
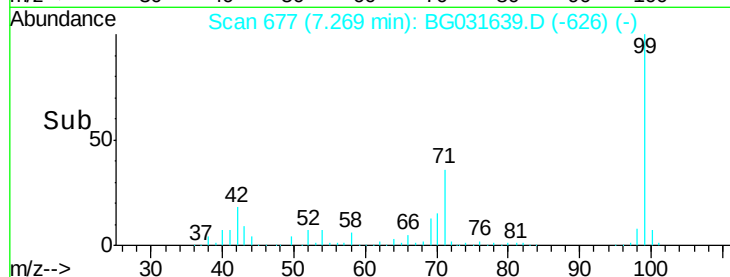
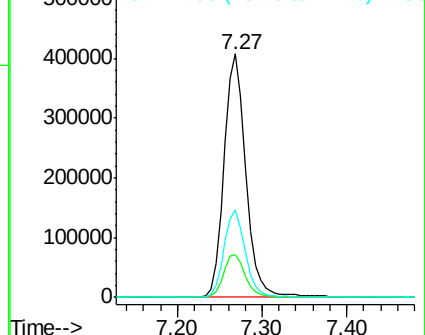
99 100

42 17.6 14.1 21.1

71 36.0 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: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Tgt Ion: 136 Resp: 283950

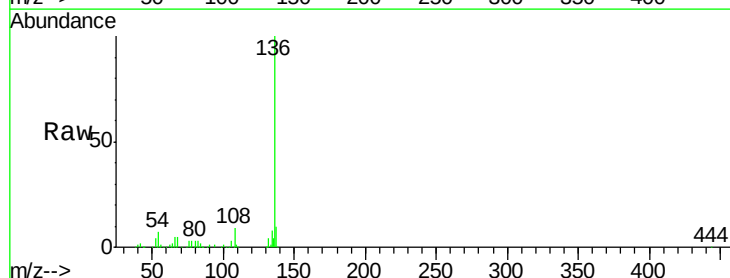
Ion Ratio Lower Upper

136 100

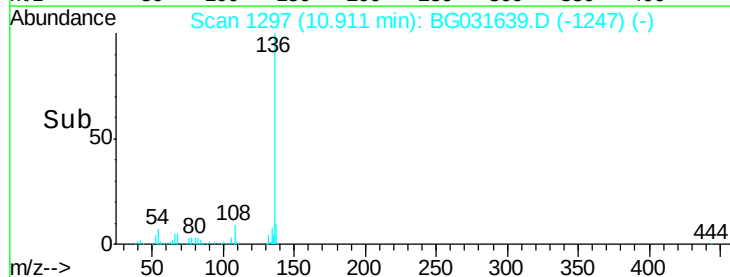
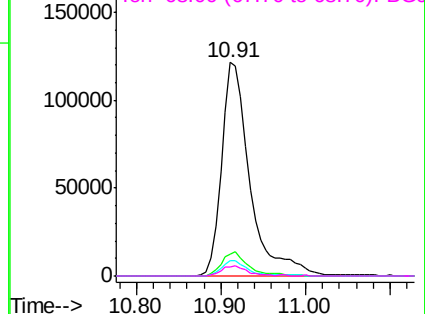
137 10.4 9.2 13.8

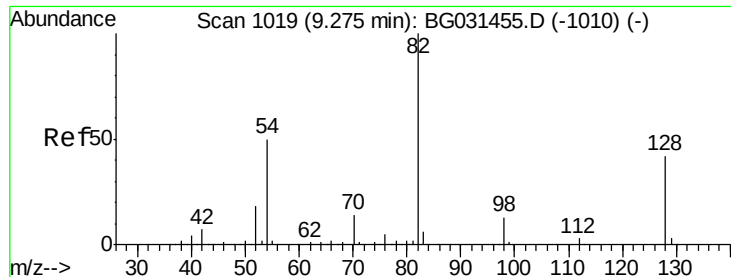
54 7.2 10.3 15.5#

68 4.5 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

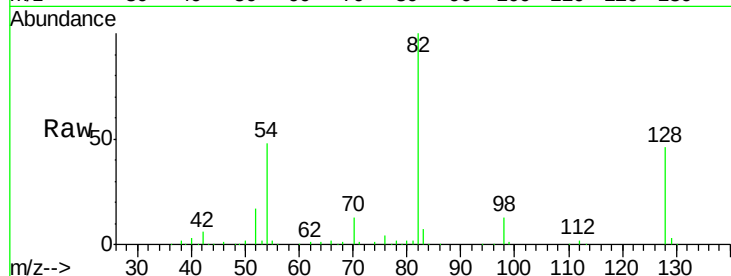




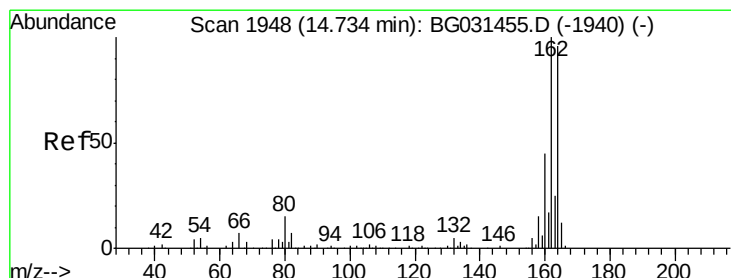
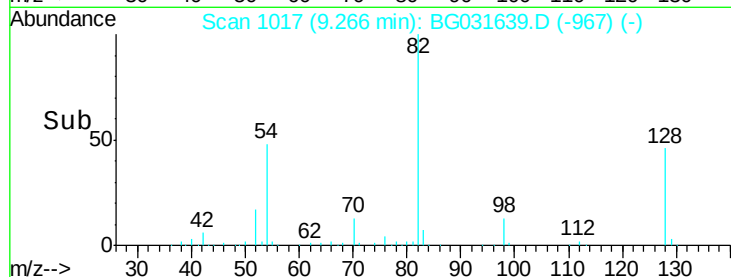
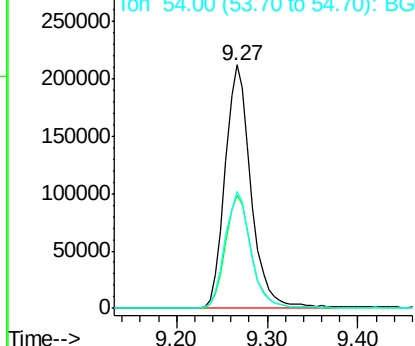
#23
Nitrobenzene-d5
Concen: 91.705 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Instrument :
BNA_G
ClientSampleId :
PB105123BL

Tgt Ion: 82 Resp: 422469
Ion Ratio Lower Upper
82 100
128 46.3 29.7 44.5#
54 47.9 43.1 64.7

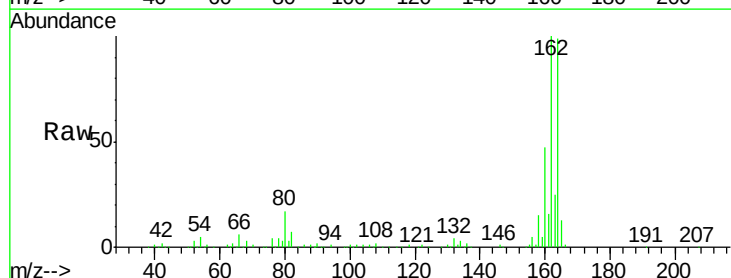


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

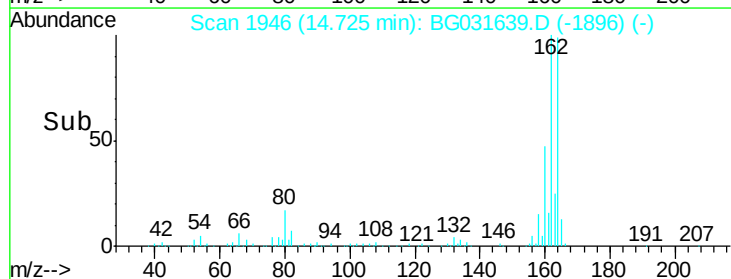
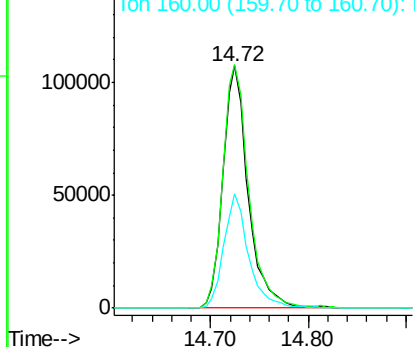


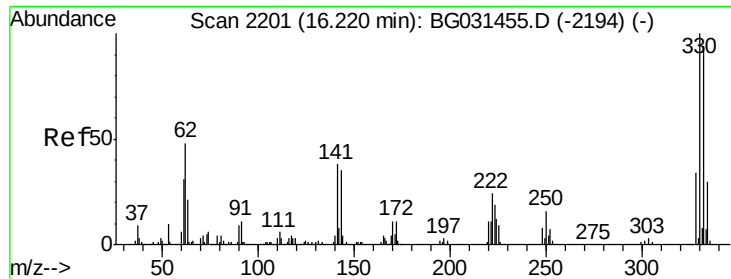
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Tgt Ion: 164 Resp: 191477
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 47.0 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

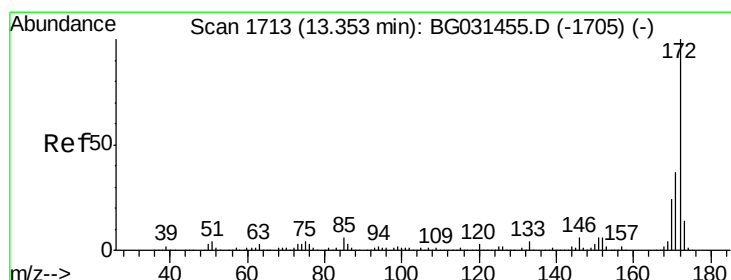
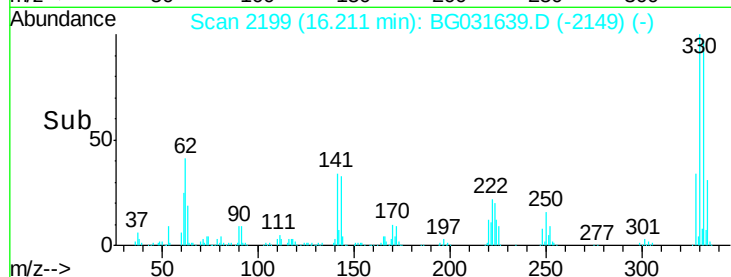
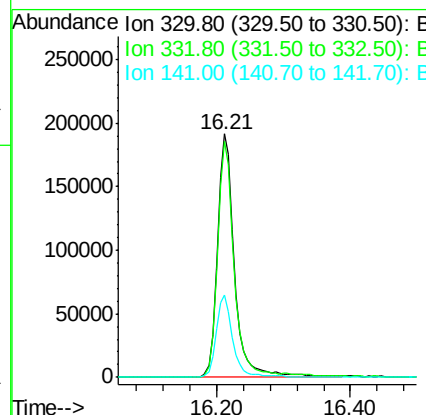
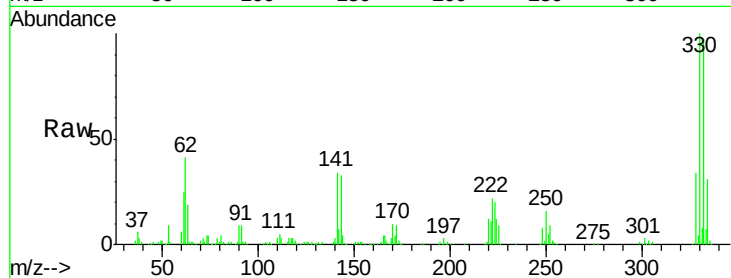




#41
 2,4,6-Tribromophenol
 Concen: 154.058 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

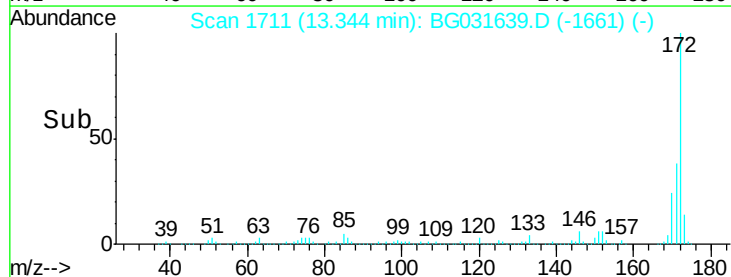
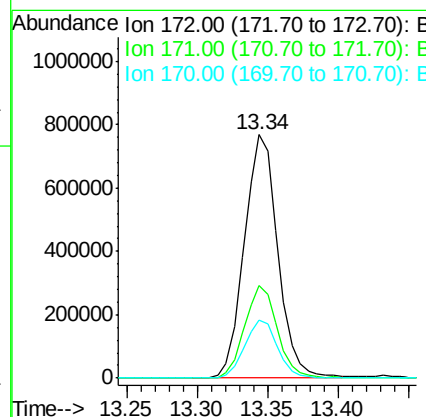
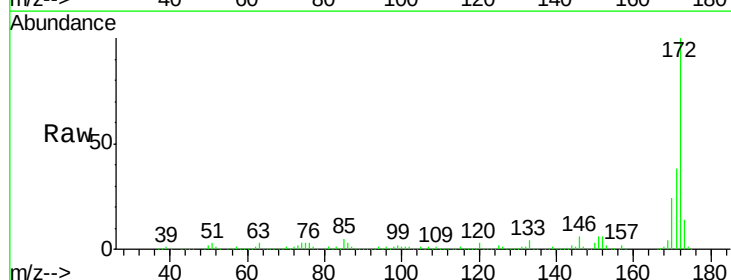
Instrument :
 BNA_G
 ClientSampleId :
 PB105123BL

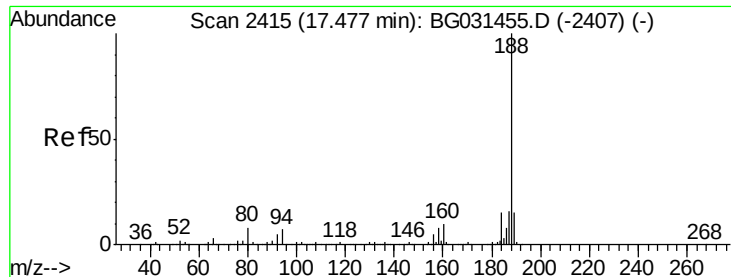
Tgt Ion:330 Resp: 345589
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 33.1 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 97.860 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031639.D
 Acq: 18 Dec 2017 18:20

Tgt Ion:172 Resp: 1276539
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.6 19.5 29.3

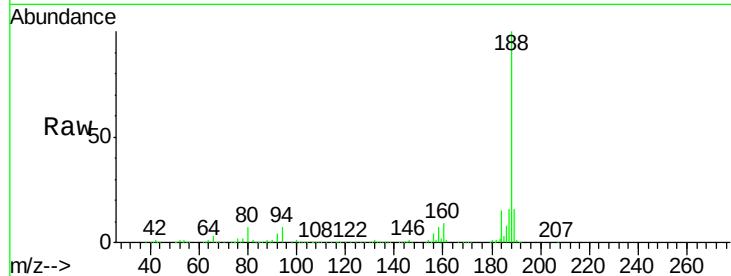




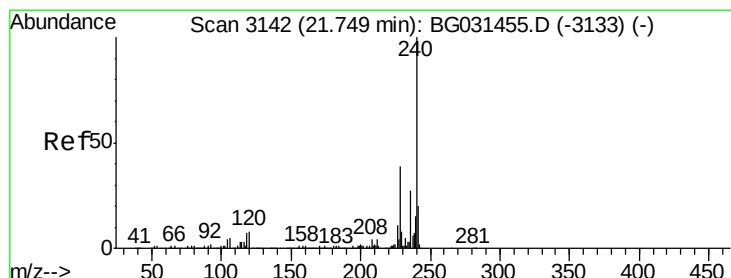
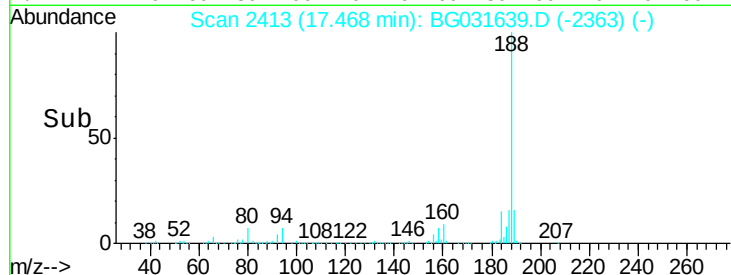
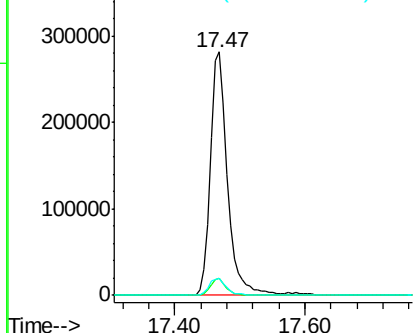
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Instrument :
BNA_G
ClientSampleId :
PB105123BL

Tgt Ion:188 Resp: 515798
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.1 7.7 11.5#

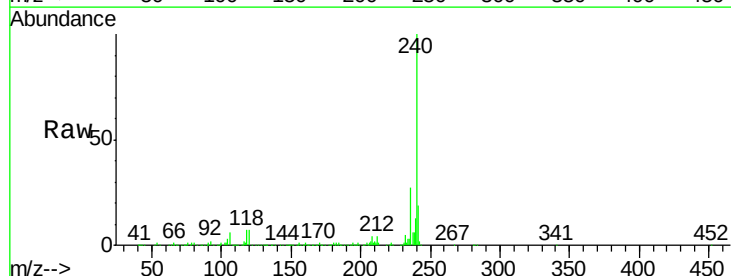


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

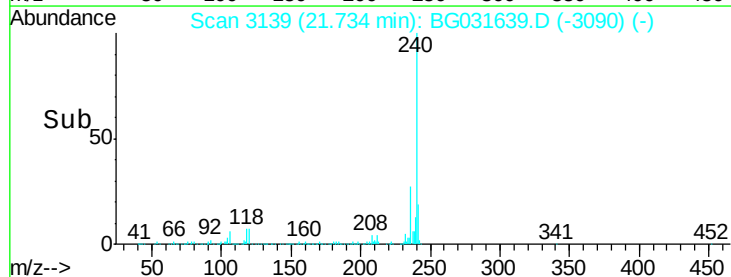
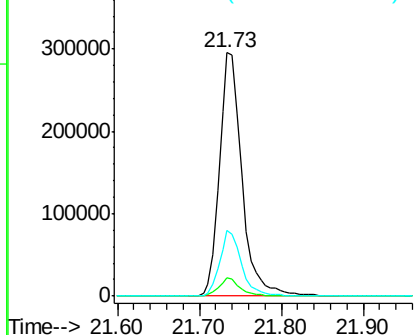


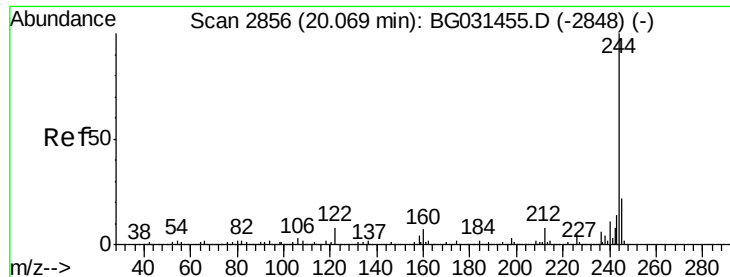
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG031639.D
Acq: 18 Dec 2017 18:20

Tgt Ion:240 Resp: 565194
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 26.8 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





#78

Terphenyl-d14

Concen: 95.193 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

Instrument :

BNA_G

ClientSampleId :

PB105123BL

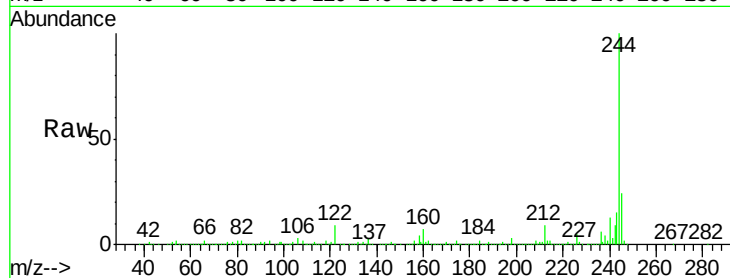
Tgt Ion:244 Resp: 2364767

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

244 100

212 8.6 5.8 8.8

122 8.7 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

2000000

1500000

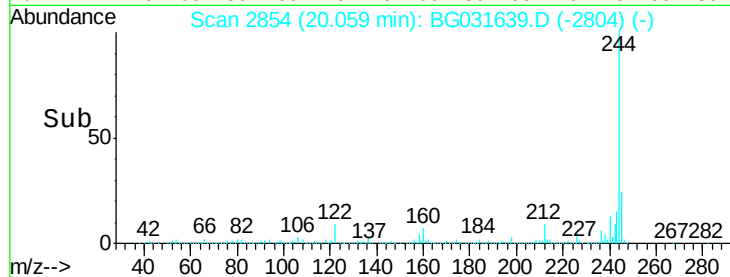
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500000

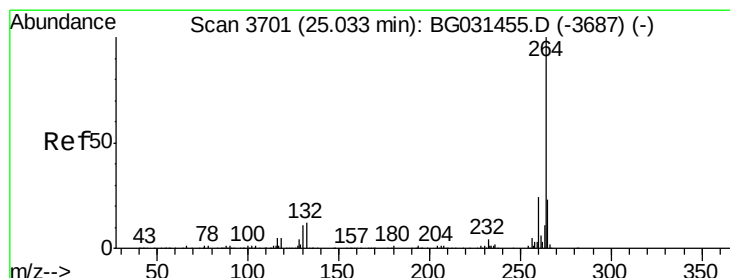
0

20.06

20.00 20.10 20.20



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG031639.D

Acq: 18 Dec 2017 18:20

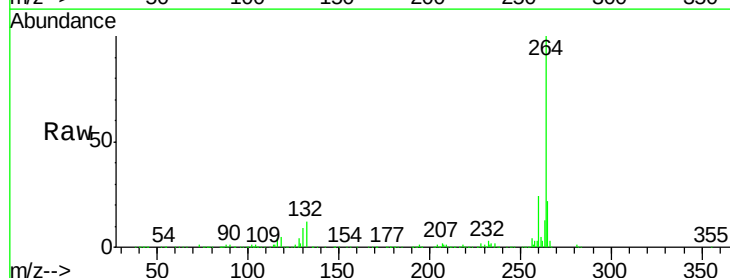
Tgt Ion:264 Resp: 494338

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

264 100

260 24.0 17.4 26.0

265 21.6 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

200000

150000

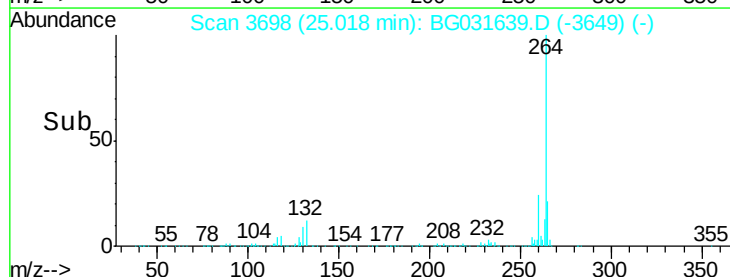
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50000

0

25.02

25.00 25.20



Time-->