

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032318.D
 Acq On : 26 Jan 2018 7:16
 Operator : SJ/JU
 Sample : J1020-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-C

Quant Time: Jan 26 11:58:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	31378	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	128766	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	96359	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	280422	20.00	ng	0.00
75) Chrysene-d12	22.42	240	358025	20.00	ng	0.00
86) Perylene-d12	26.10	264	381460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	254170	148.15	ng	0.00
7) Phenol-d6	7.83	99	296333	137.14	ng	0.00
23) Nitrobenzene-d5	9.92	82	216987	114.01	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	295014	185.02	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	773488	99.53	ng	0.00
78) Terphenyl-d14	20.63	244	1728954	106.63	ng	0.00

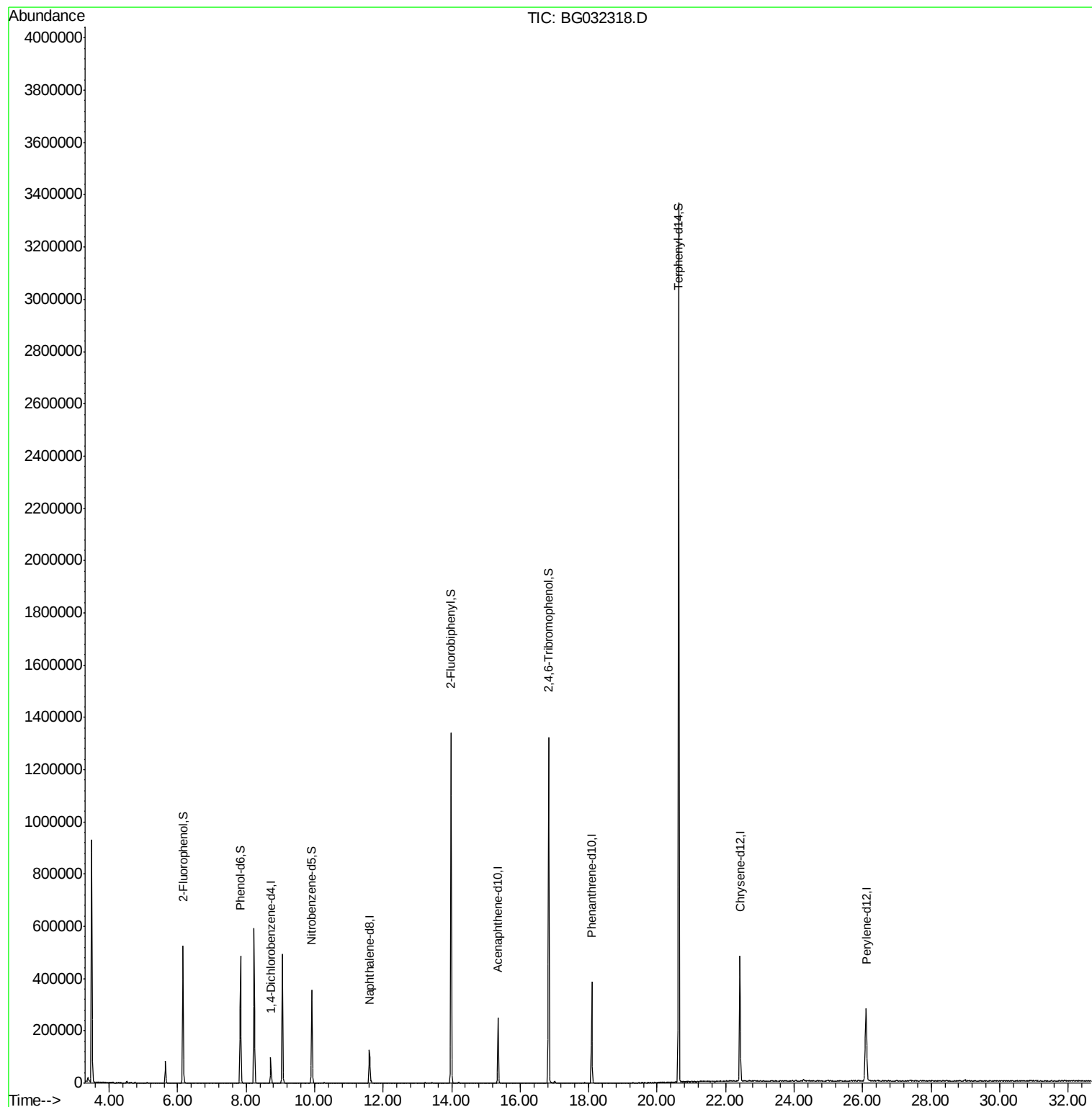
Target Compounds Qvalue

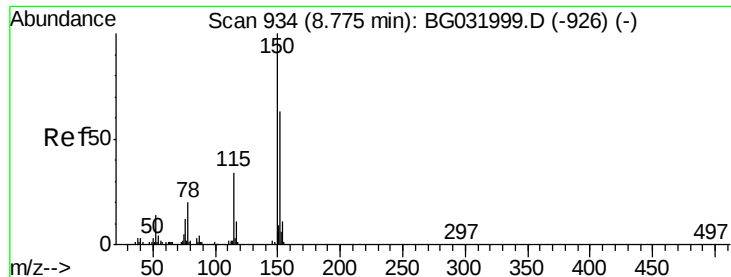
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-C

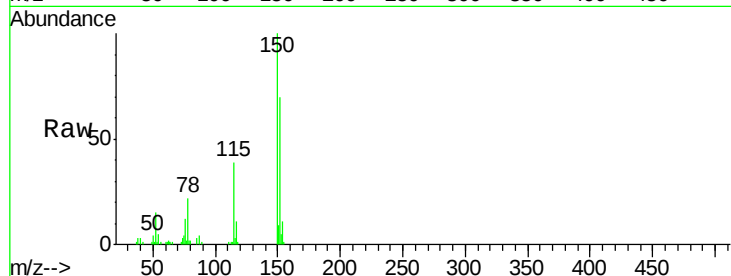
Tot Ion:152 Resp: 31378

Ion Ratio Lower Upper

152 100

150 143.0 126.6 189.8

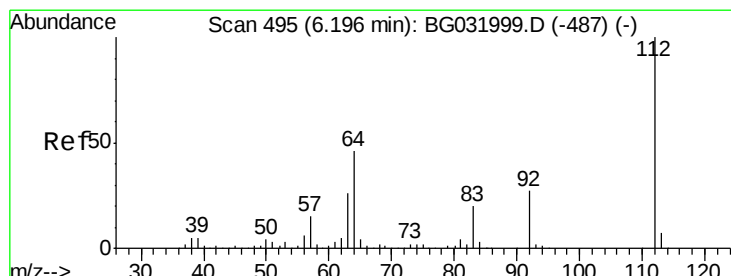
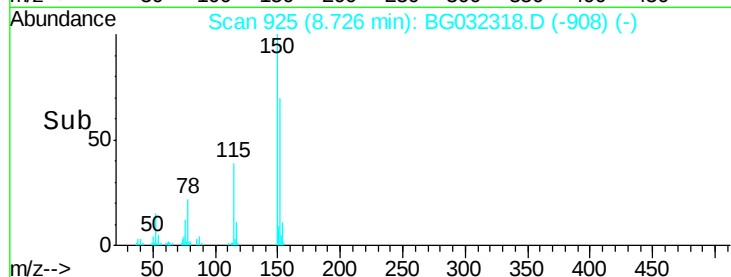
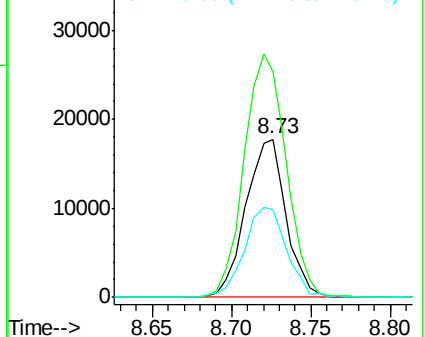
115 55.6 53.0 79.4



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: 148.148 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

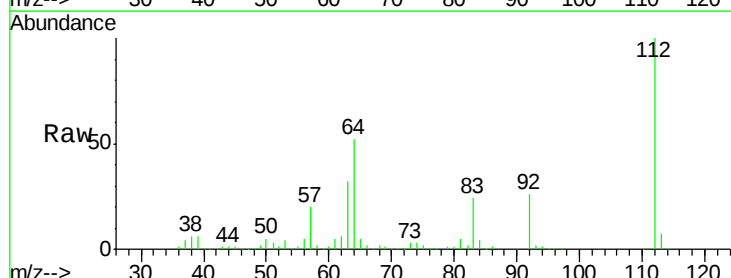
Tgt Ion:112 Resp: 254170

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

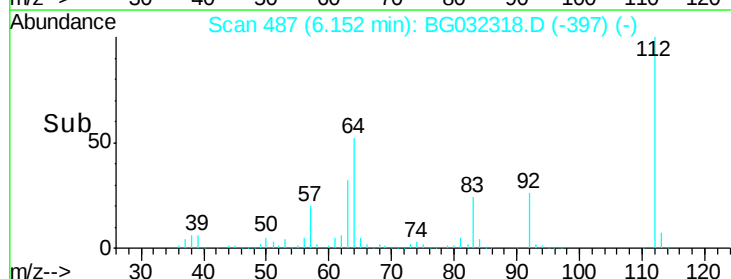
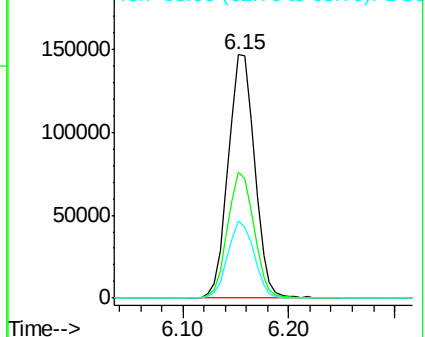
63 31.6 30.1 45.1

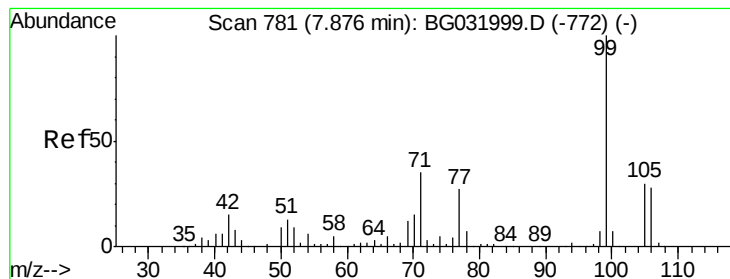


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.144 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-C

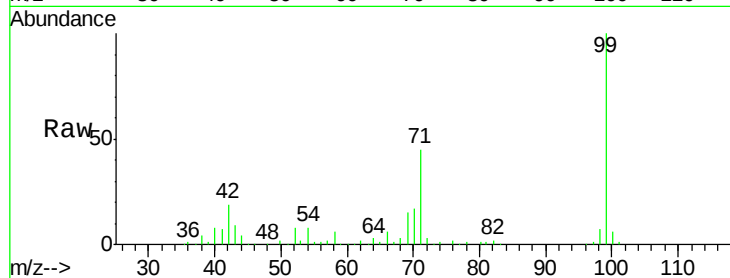
Tot Ion: 99 Resp: 296333

Ion Ratio Lower Upper

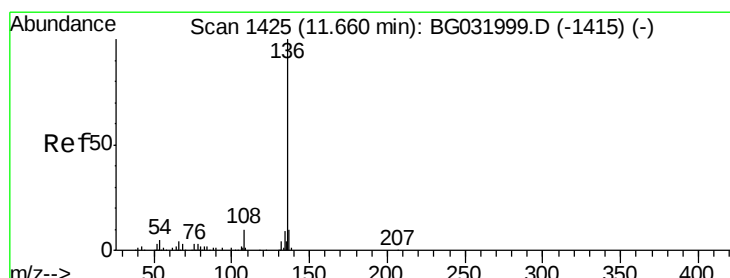
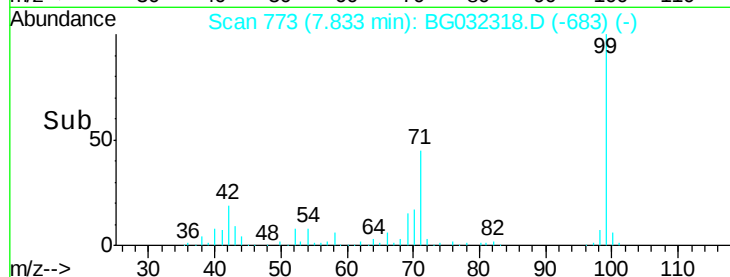
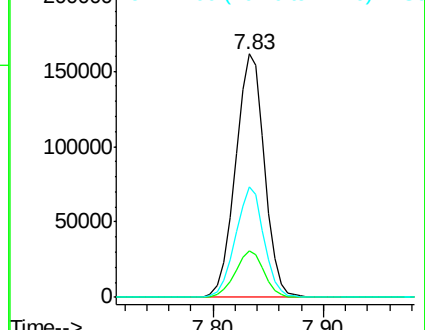
99 100

42 19.3 14.1 21.1

71 45.1 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: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Tgt Ion: 136 Resp: 128766

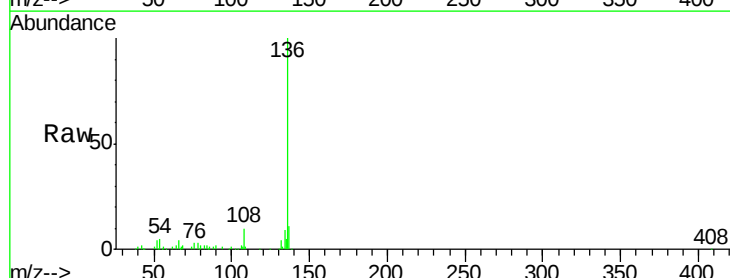
Ion Ratio Lower Upper

136 100

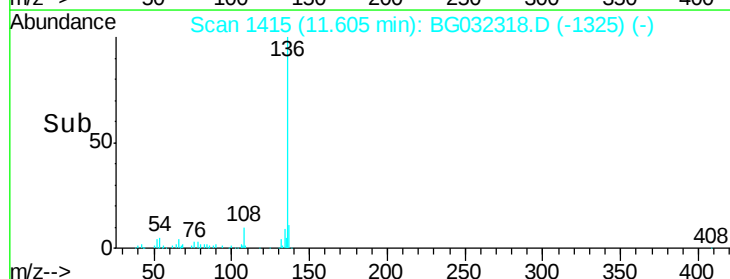
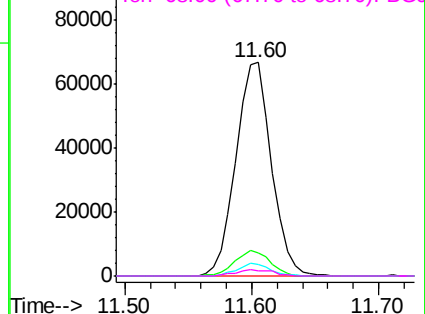
137 10.8 9.2 13.8

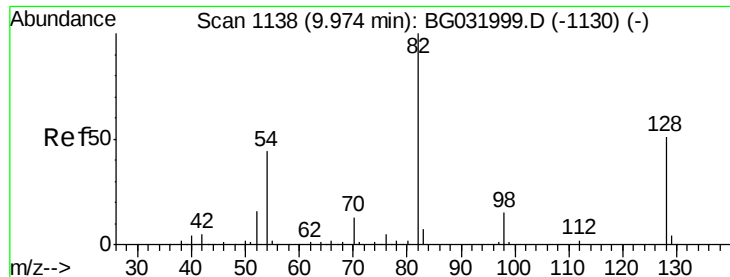
54 5.4 10.3 15.5#

68 2.1 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

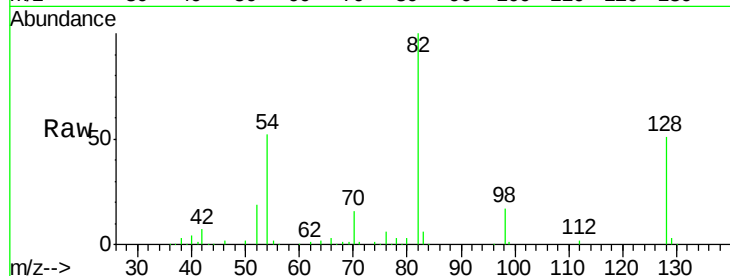




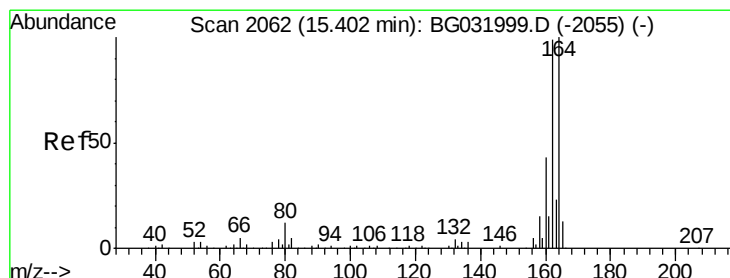
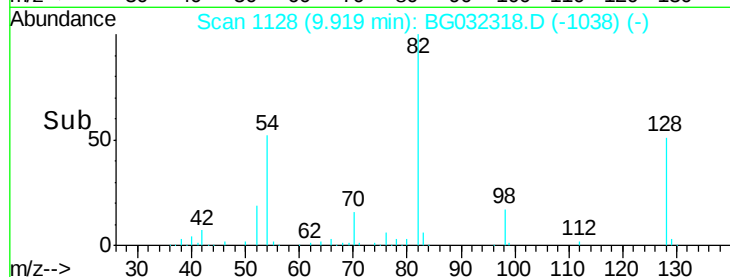
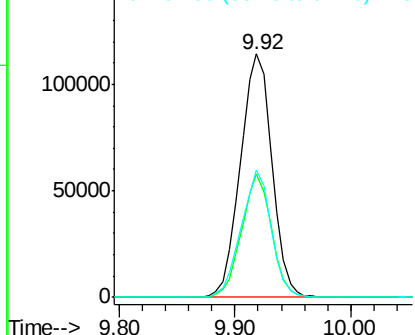
#23
Nitrobenzene-d5
Concen: 114.006 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-C

Tot Ion: 82 Resp: 216987
Ion Ratio Lower Upper
82 100
128 50.7 29.7 44.5#
54 52.3 43.1 64.7

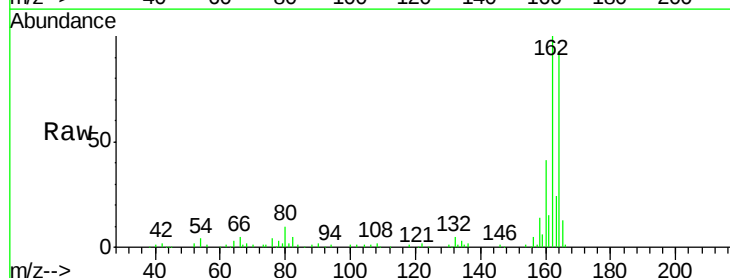


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

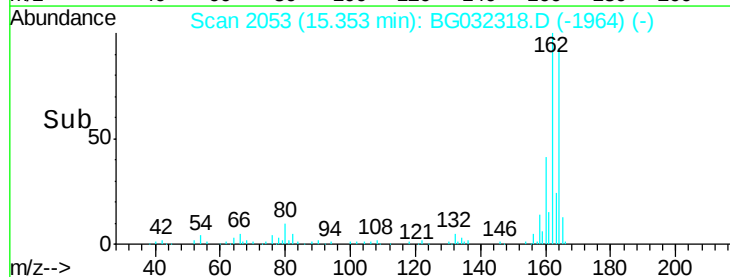
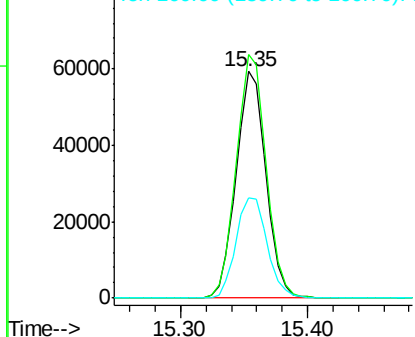


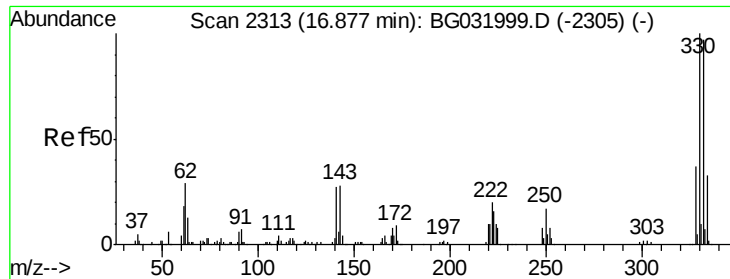
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion:164 Resp: 96359
Ion Ratio Lower Upper
164 100
162 107.5 78.8 118.2
160 44.1 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

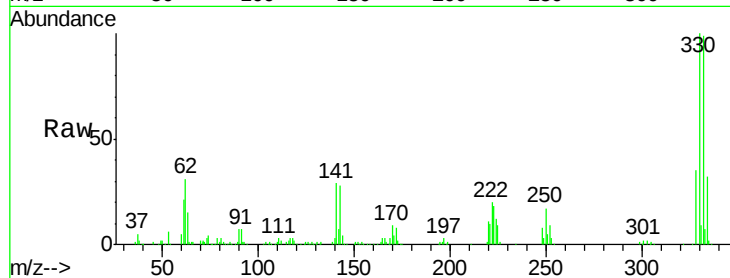




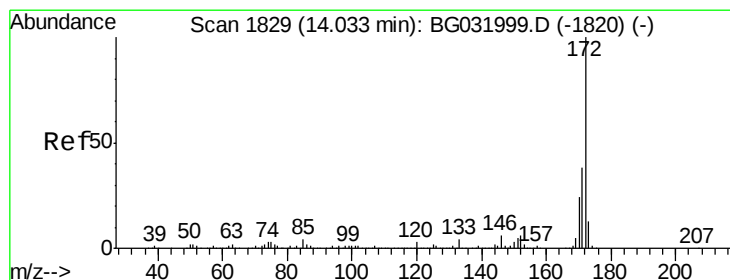
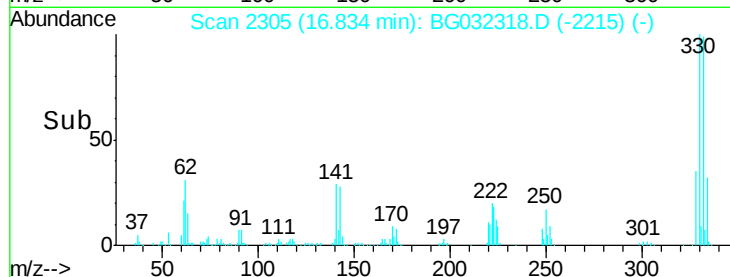
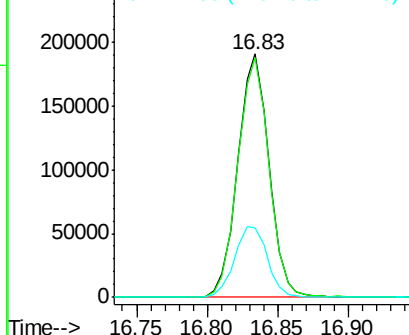
#41
 2,4,6-Tribromophenol
 Concen: 185.018 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-012418-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	30.5	25.2	37.8

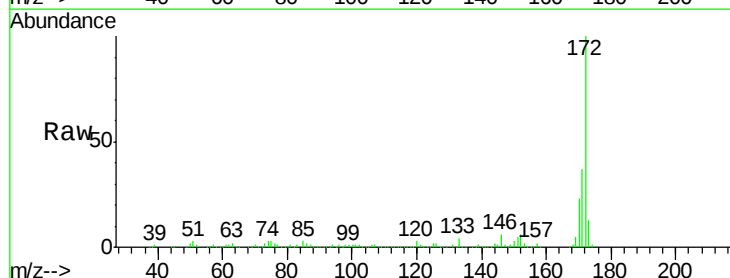


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

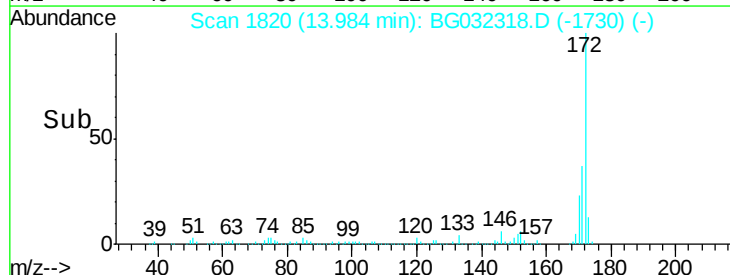
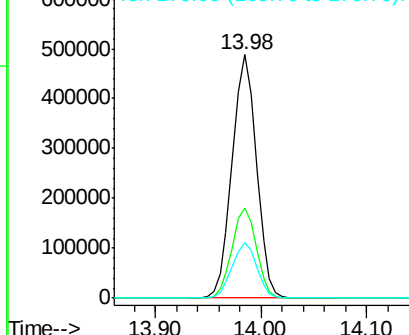


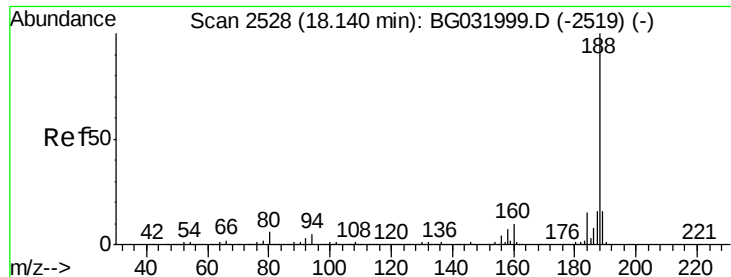
#44
 2-Fluorobiphenyl
 Concen: 99.533 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032318.D
 Acq: 26 Jan 2018 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.9	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

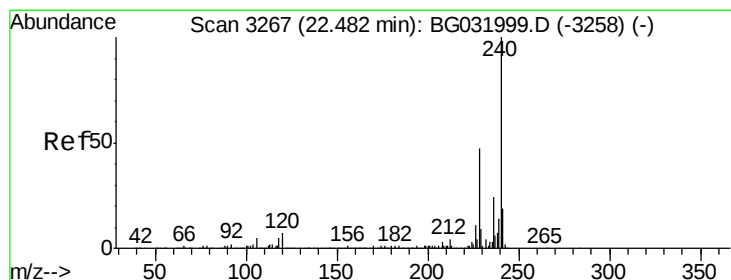
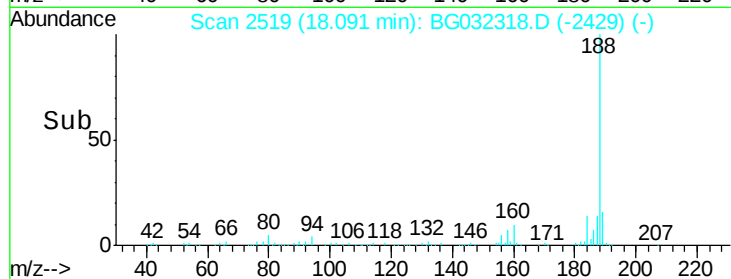
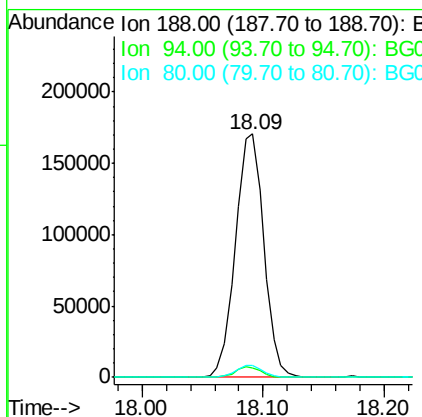
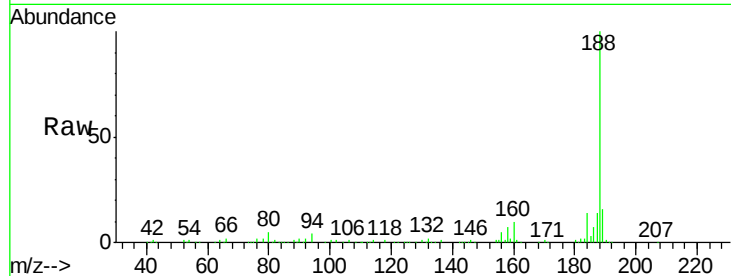




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

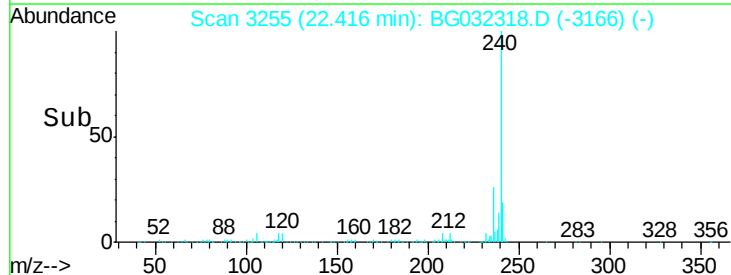
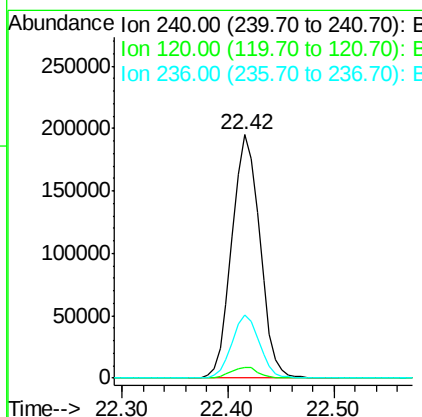
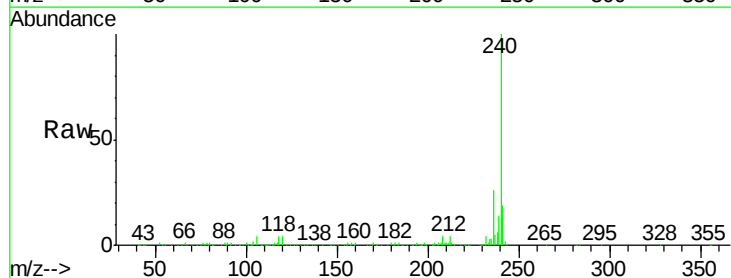
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PL-02-012418-C

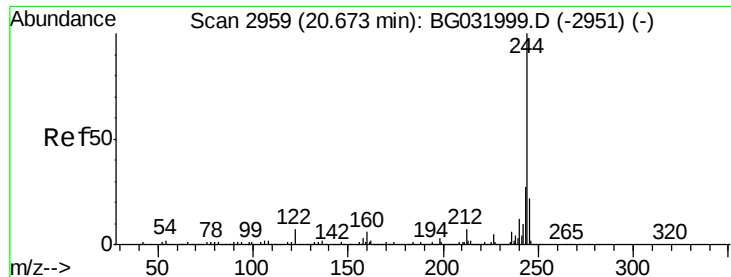
Tot Ion:188 Resp: 280422
Ion Ratio Lower Upper
188 100
94 3.6 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032318.D
Acq: 26 Jan 2018 7:16

Tgt Ion:240 Resp: 358025
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 106.630 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

Instrument :

BNA_G

ClientSampleId :

PL-02-012418-C

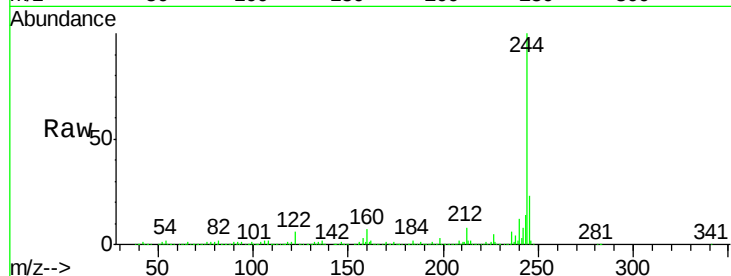
Tot Ion:244 Resp: 1728954

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

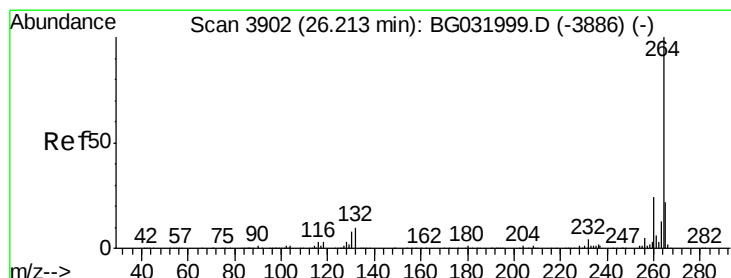
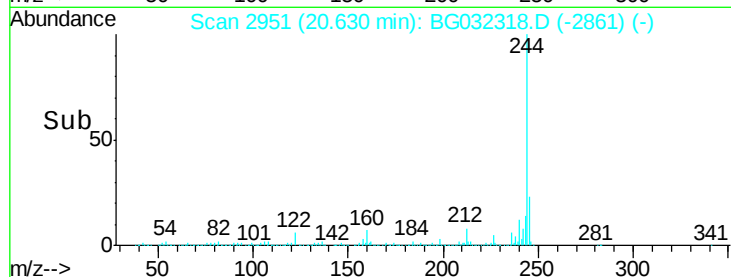
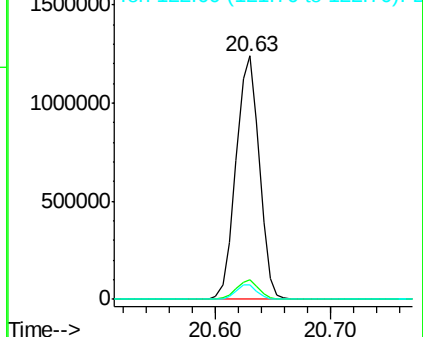
122 5.9 7.0 10.4#



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: 26.10 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BG032318.D

Acq: 26 Jan 2018 7:16

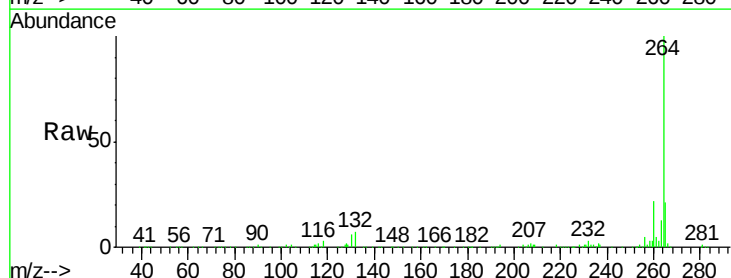
Tgt Ion:264 Resp: 381460

Ion Ratio Lower Upper

264 100

260 22.3 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

