

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033351.D
 Acq On : 27 Mar 2018 4:40
 Operator : SJ/JU
 Sample : J1758-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-B

Quant Time: Mar 27 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	43775	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	168130	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	132347	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	364746	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	383176	20.00	ng	-0.04
86) Perylene-d12	26.32	264	402915	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	286096	122.55	ng	-0.02
7) Phenol-d6	7.97	99	391116	97.51	ng	-0.03
23) Nitrobenzene-d5	10.06	82	328042	89.64	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	257996	130.34	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	800946	87.37	ng	-0.03
78) Terphenyl-d14	20.73	244	1544558	86.21	ng	-0.03

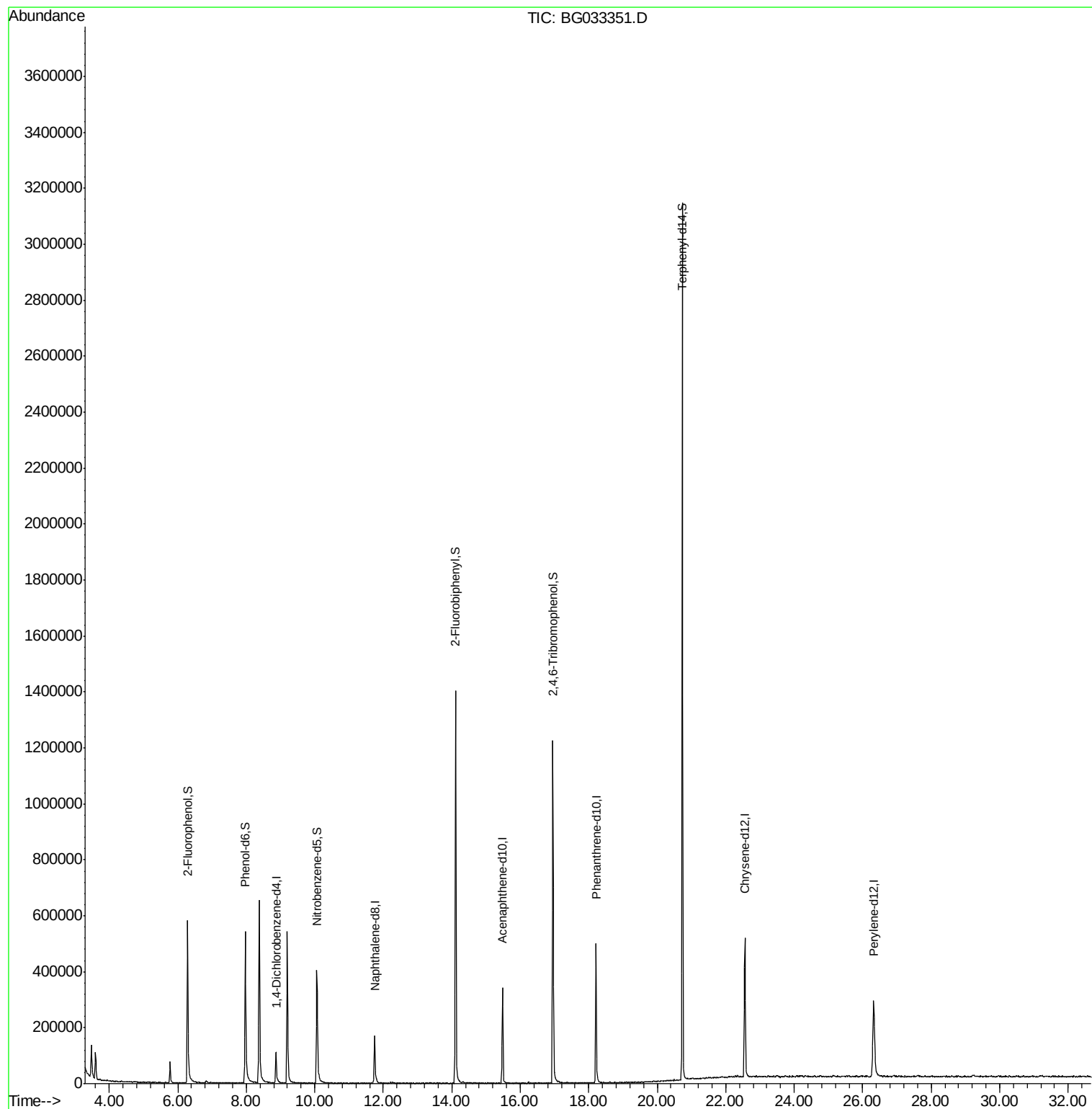
Target Compounds	Qvalue
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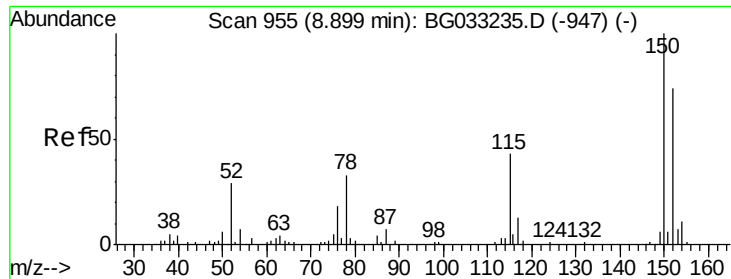
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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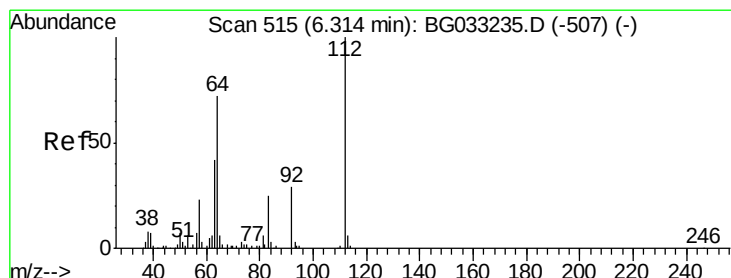
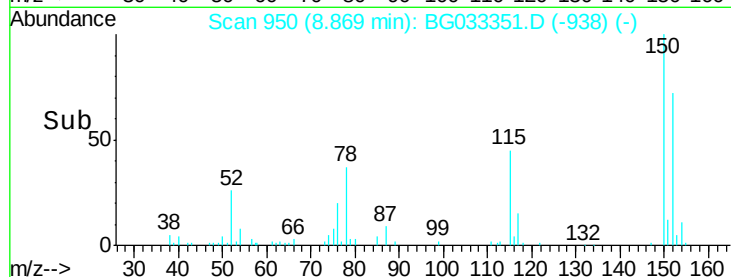
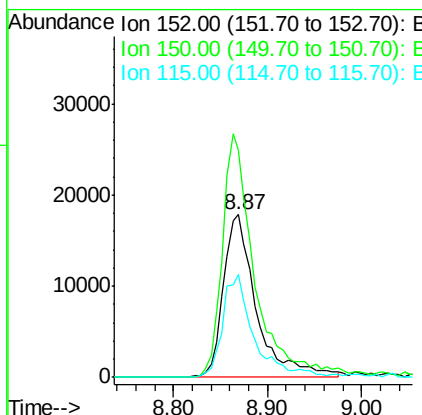
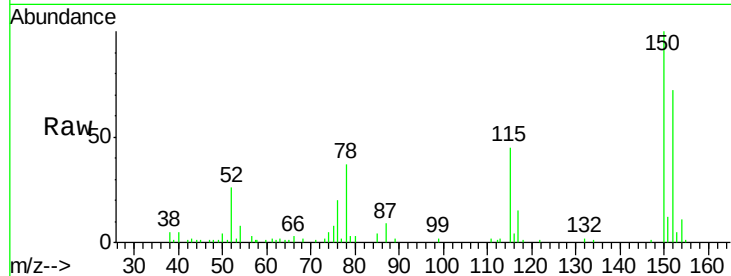




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.03 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

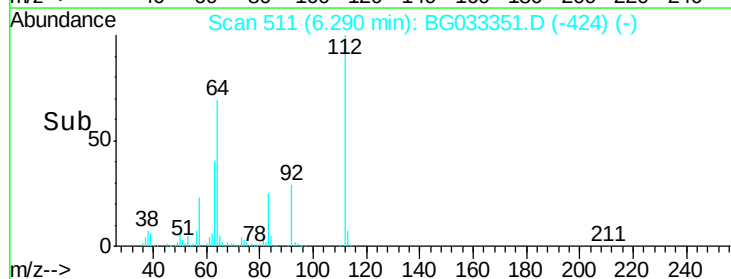
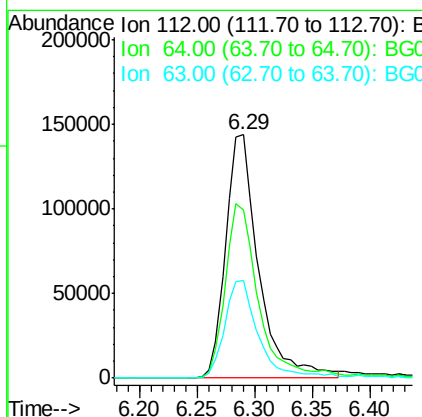
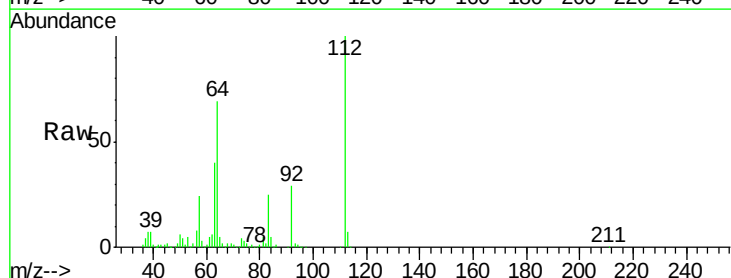
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-B

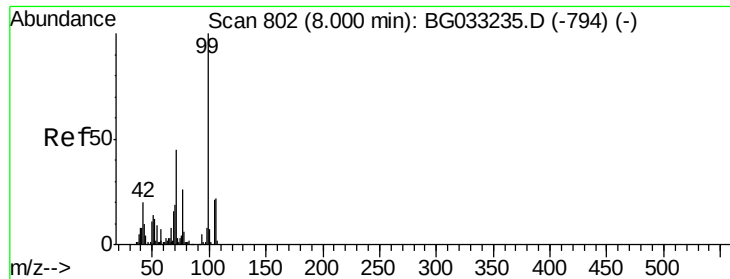
Tgt Ion:152 Resp: 43775
 Ion Ratio Lower Upper
 152 100
 150 139.5 126.6 189.8
 115 63.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 122.550 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

Tgt Ion:112 Resp: 286096
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.3 84.5
 63 39.9 30.1 45.1





#7

Phenol-d6

Concen: 97.506 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-B

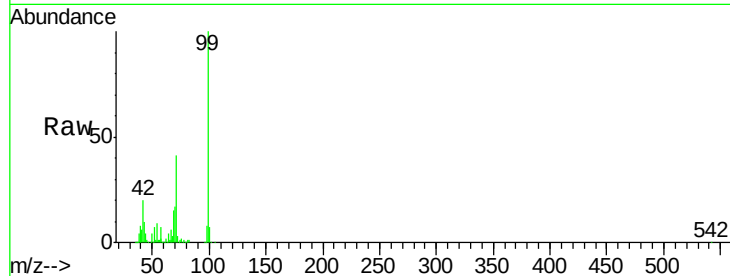
Tgt Ion: 99 Resp: 391116

Ion Ratio Lower Upper

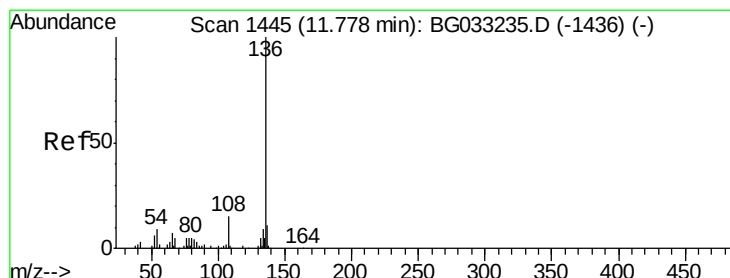
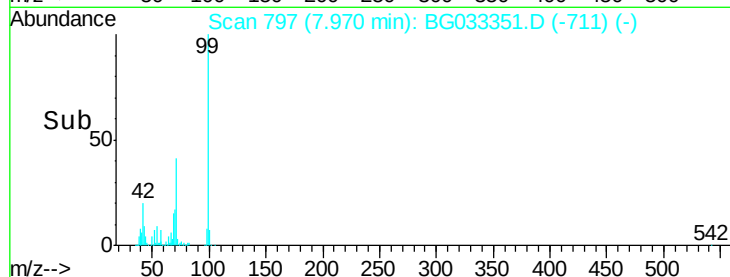
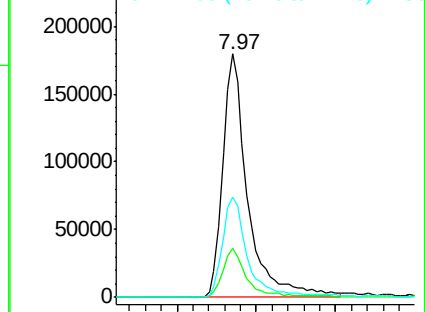
99 100

42 20.4 14.1 21.1

71 41.4 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

Tgt Ion: 136 Resp: 168130

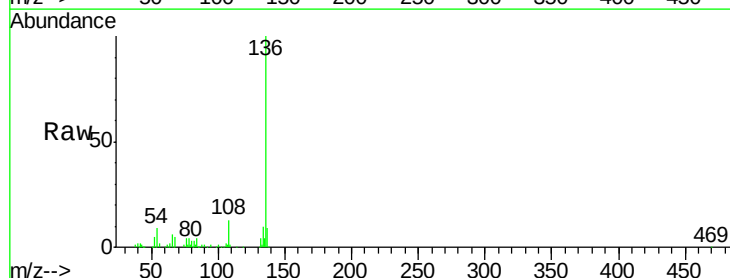
Ion Ratio Lower Upper

136 100

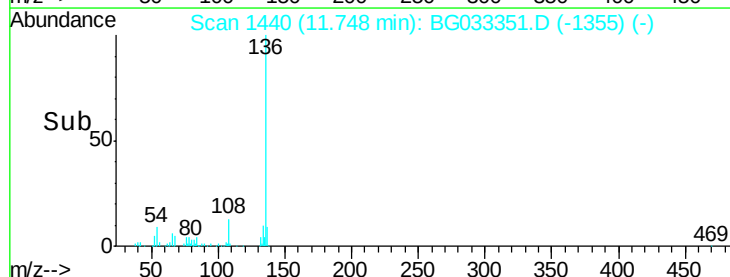
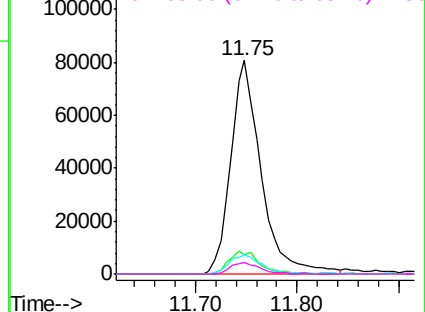
137 9.3 9.2 13.8

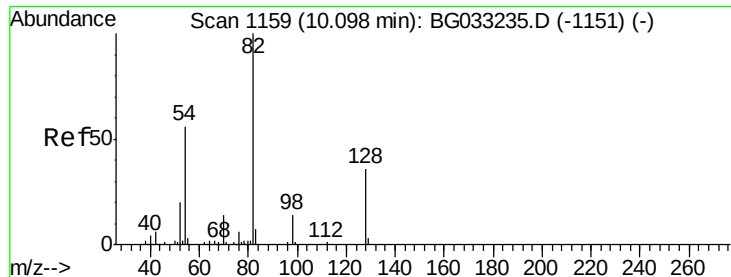
54 9.3 10.3 15.5#

68 5.1 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

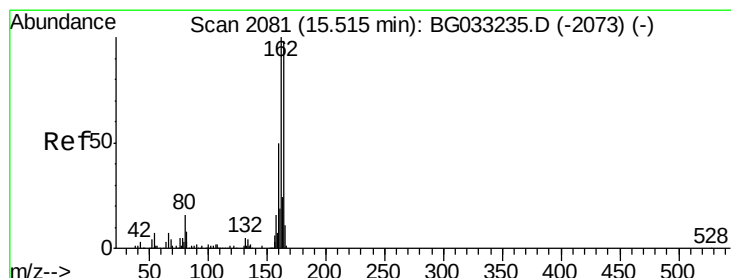
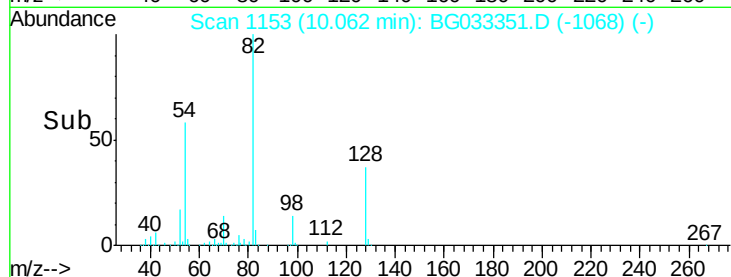
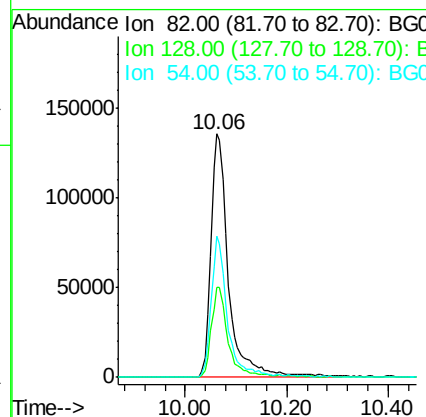
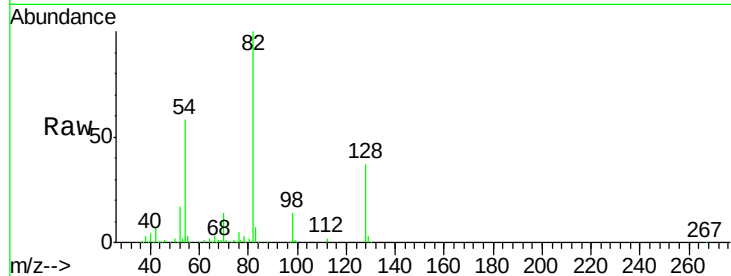




#23
 Nitrobenzene-d5
 Concen: 89.642 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

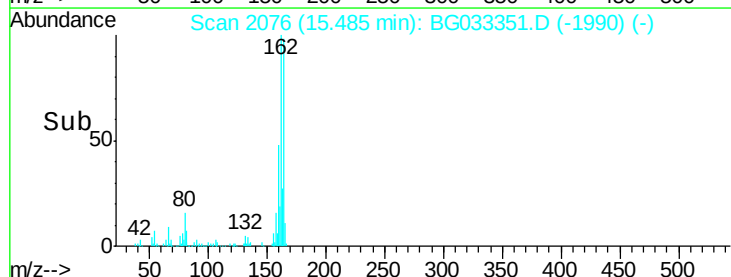
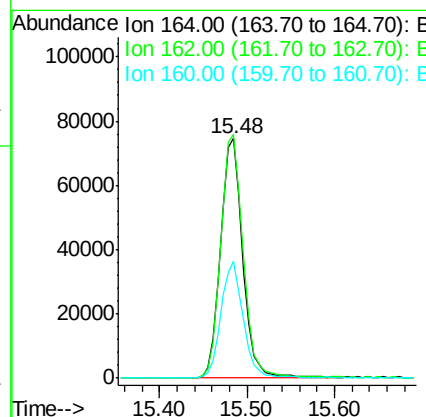
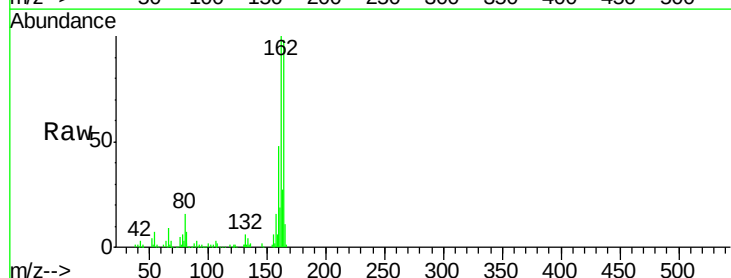
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-B

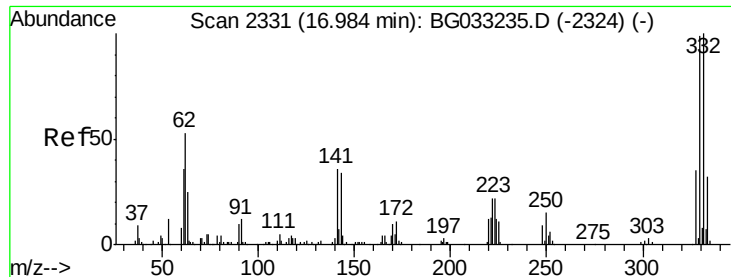
Tgt Ion: 82 Resp: 328042
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.7 44.5
 54 58.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

Tgt Ion: 164 Resp: 132347
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 48.6 35.4 53.0

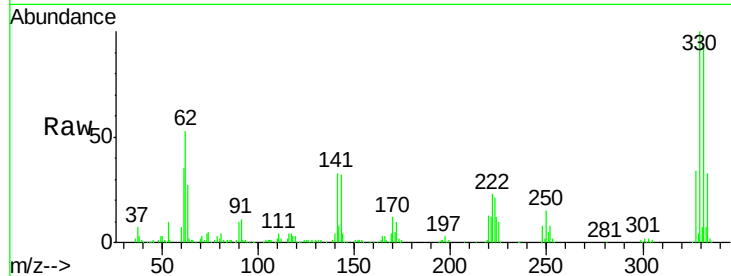




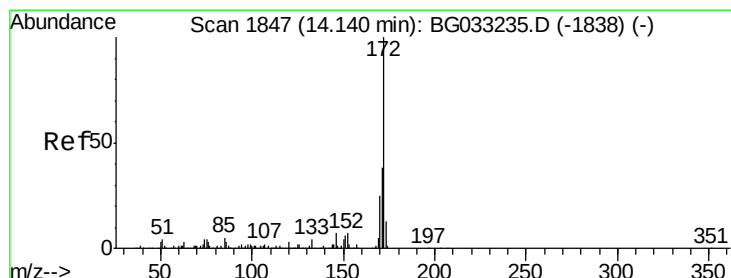
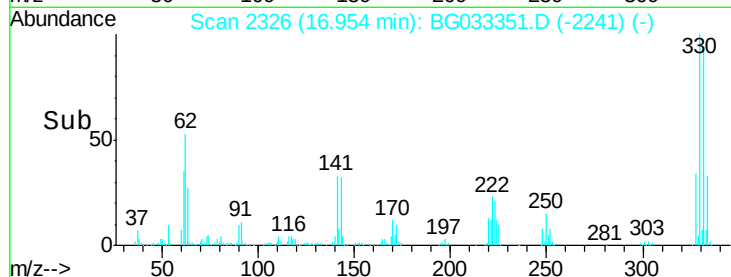
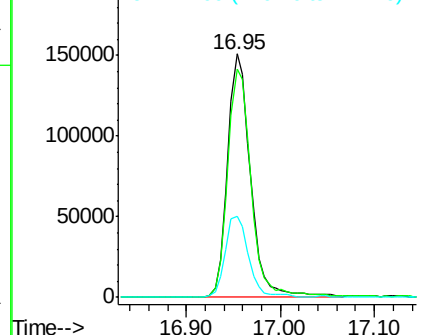
#41
 2,4,6-Tribromophenol
 Concen: 130.340 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-032318-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.9	25.2	37.8

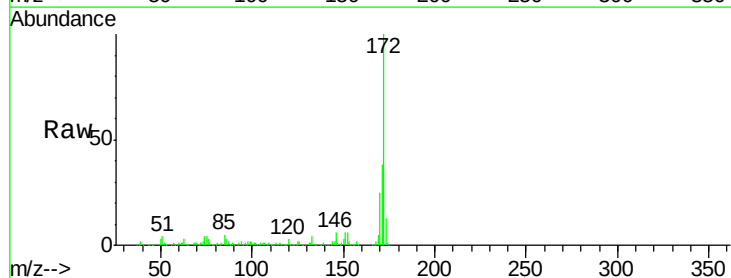


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

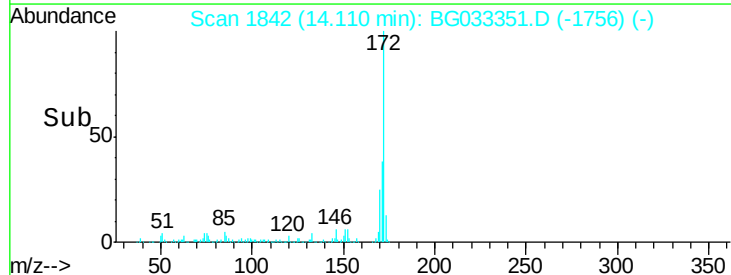
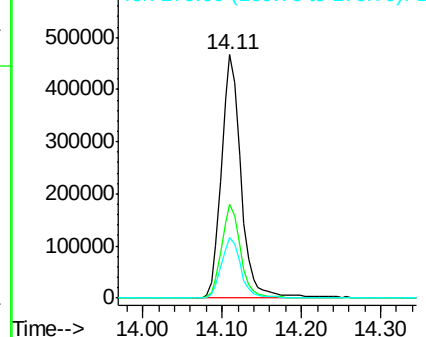


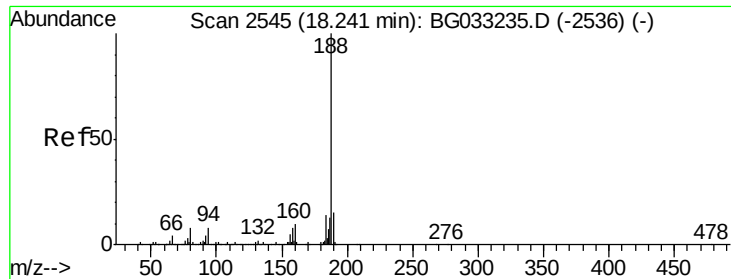
#44
 2-Fluorobiphenyl
 Concen: 87.367 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033351.D
 Acq: 27 Mar 2018 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.8	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: 18.21 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-B

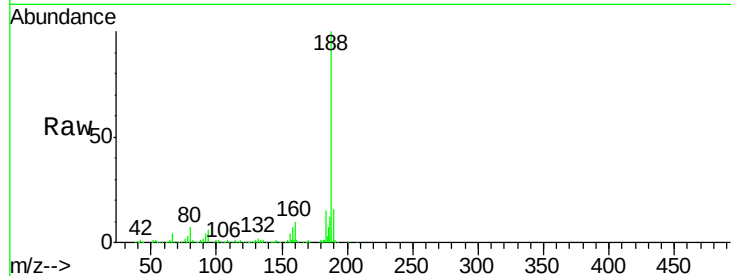
Tgt Ion:188 Resp: 364746

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

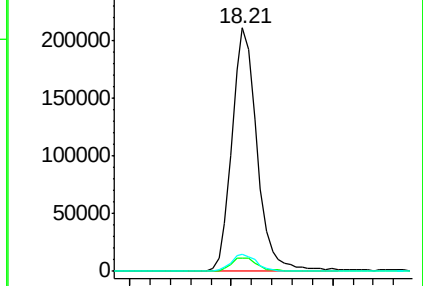
80 7.0 7.7 11.5#



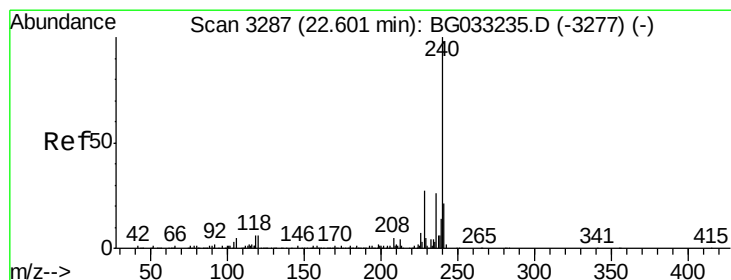
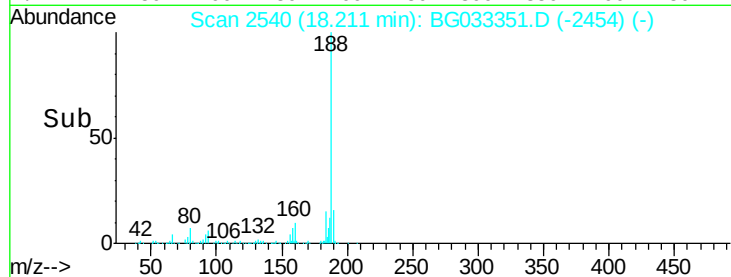
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 18.10 18.20 18.30



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

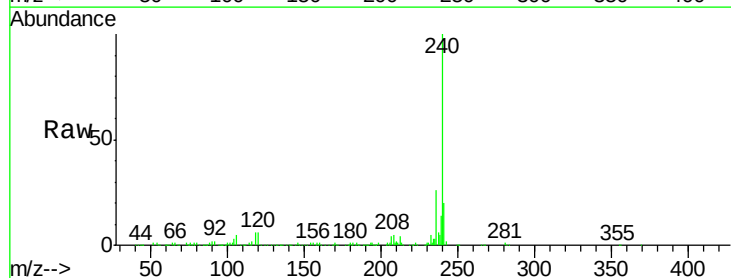
Tgt Ion:240 Resp: 383176

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

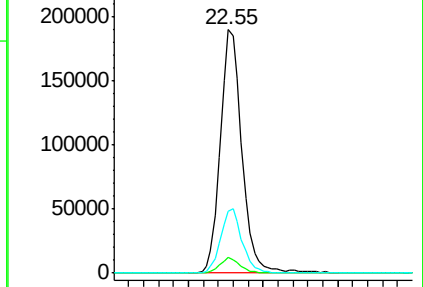
236 25.6 20.9 31.3



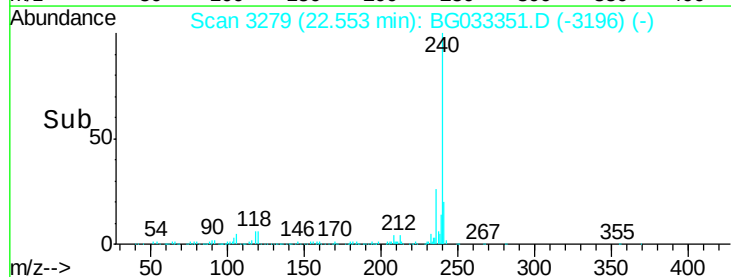
Abundance Ion 240.00 (239.70 to 240.70): E

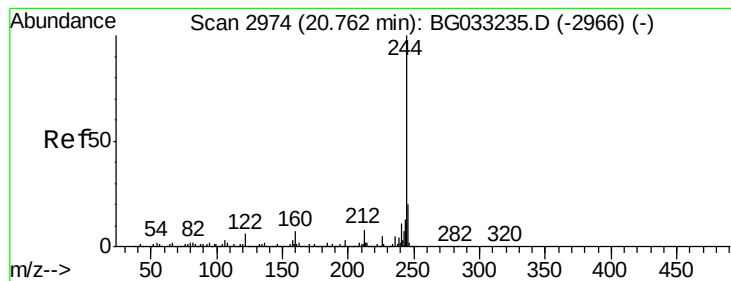
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60 22.70





#78

Terphenyl-d14

Concen: 86.206 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

Instrument :

BNA_G

ClientSampleId :

PL-02-032318-B

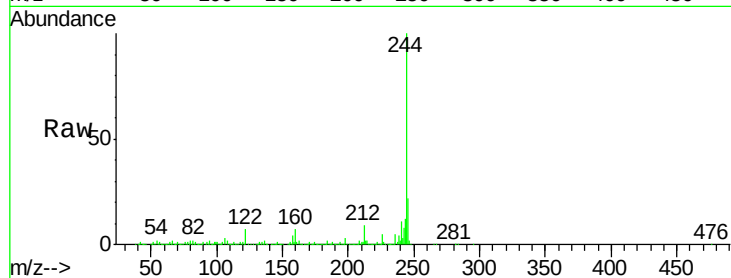
Tgt Ion:244 Resp: 1544558

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

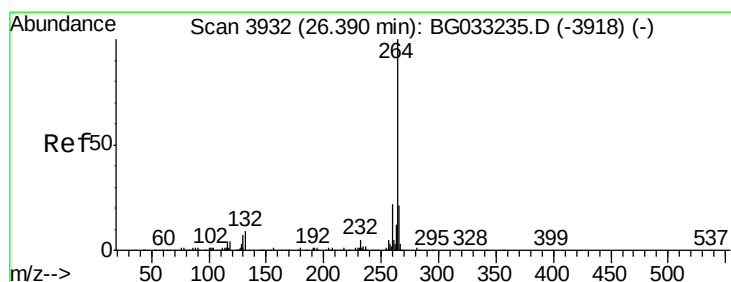
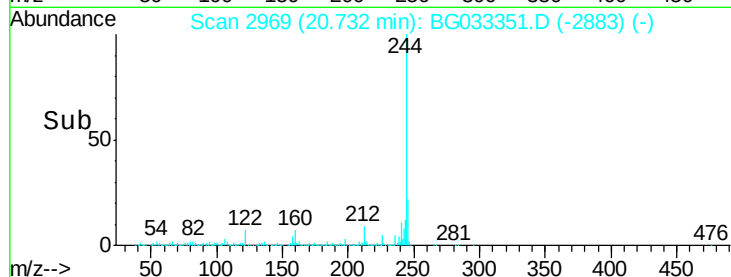
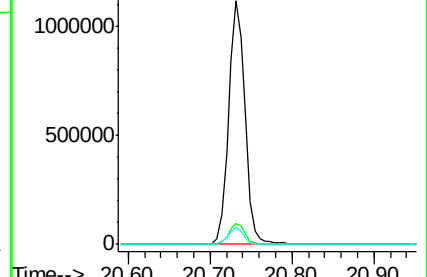
122 7.2 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.07 min

Lab File: BG033351.D

Acq: 27 Mar 2018 4:40

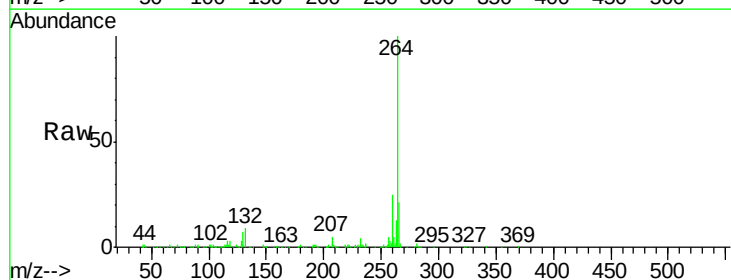
Tgt Ion:264 Resp: 402915

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 20.6 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

