

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033325.D
 Acq On : 26 Mar 2018 12:24
 Operator : SJ/JU
 Sample : J1994-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-031918

Quant Time: Mar 26 14:34:37 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	41408	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	162855	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	120272	20.00	ng	-0.02
63) Phenanthrene-d10	18.22	188	335918	20.00	ng	-0.02
75) Chrysene-d12	22.57	240	350428	20.00	ng	-0.02
86) Perylene-d12	26.35	264	374739	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	156732	70.97	ng	-0.02
7) Phenol-d6	7.97	99	128442	33.85	ng	-0.02
23) Nitrobenzene-d5	10.07	82	374334	105.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.96	330	315222	175.24	ng	-0.02
44) 2-Fluorobiphenyl	14.11	172	879161	105.53	ng	-0.02
78) Terphenyl-d14	20.74	244	1758352	107.31	ng	-0.02

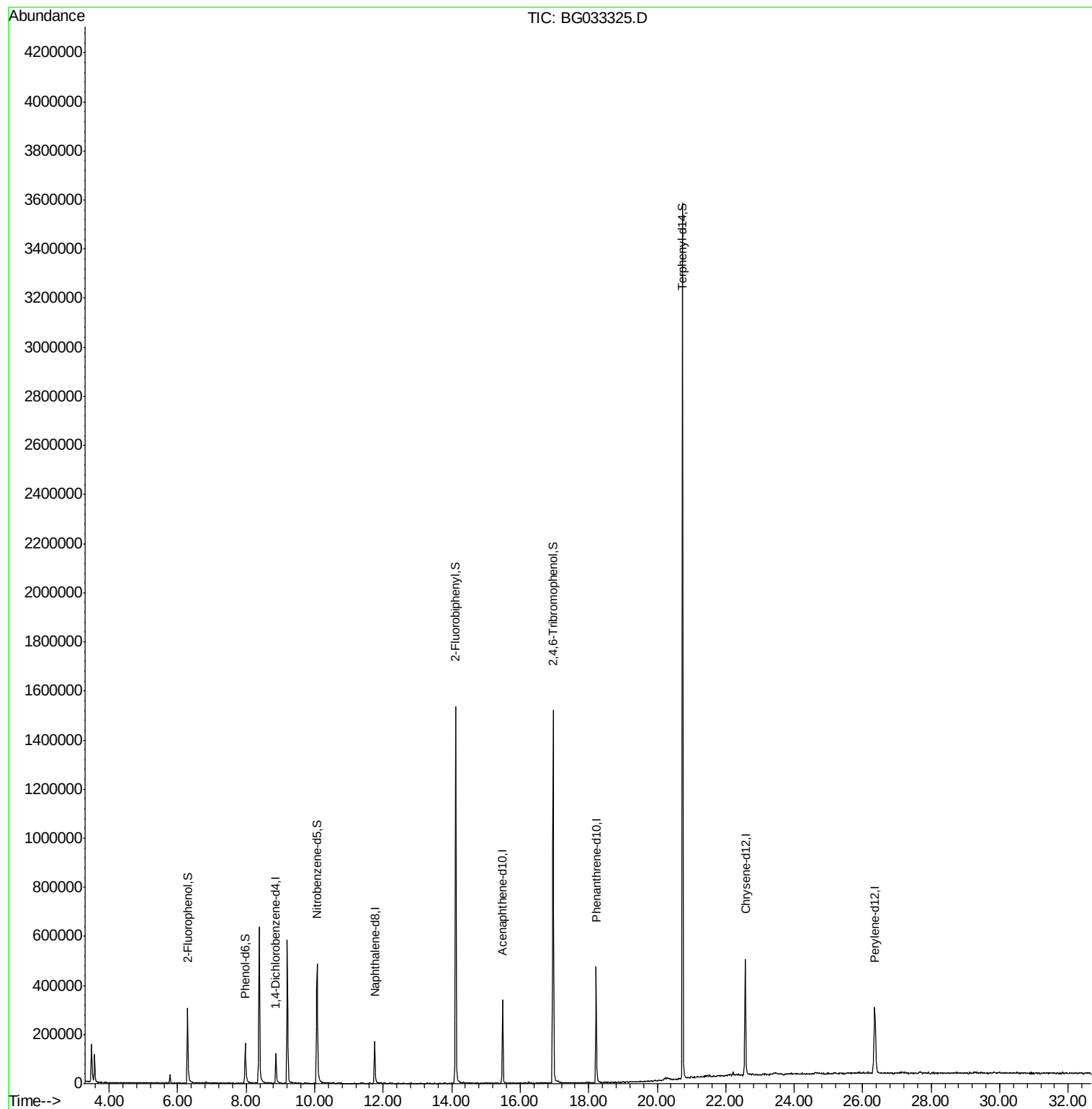
Target Compounds	Qvalue
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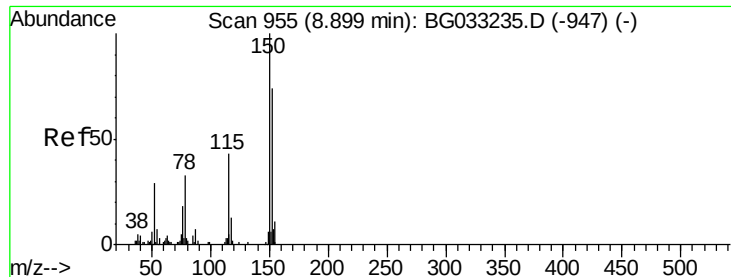
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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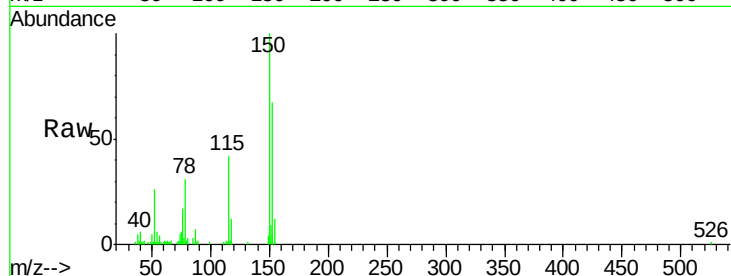


#1

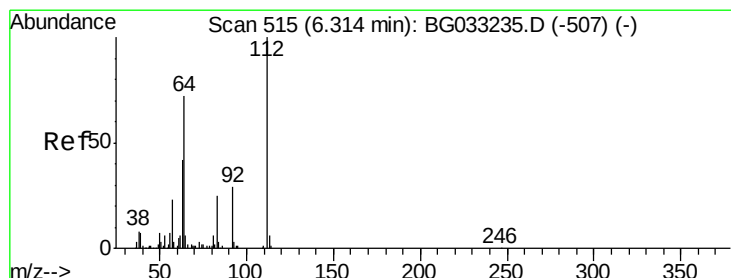
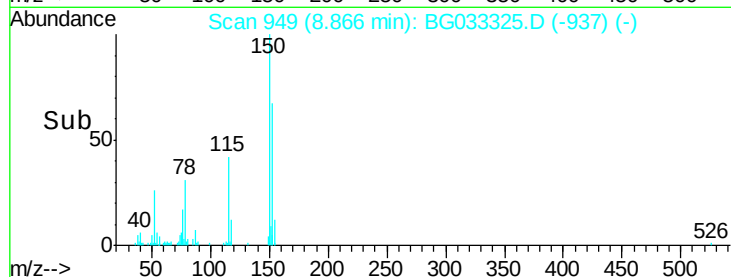
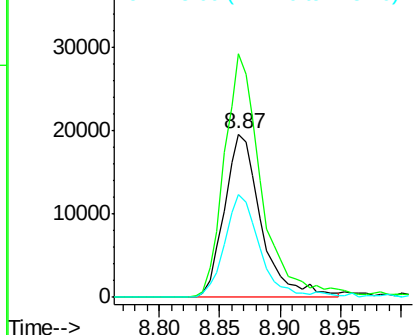
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033235.D
Acq: 26 Mar 2018 12:24

Instrument :
BNA_G
ClientSampleId :
FB-031918

Tgt Ion:152 Resp: 41408
Ion Ratio Lower Upper
152 100
150 149.2 126.6 189.8
115 62.9 53.0 79.4



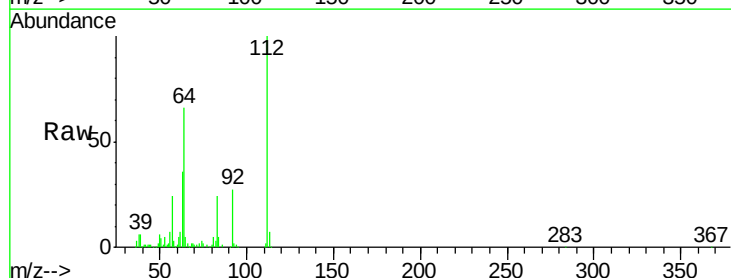
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



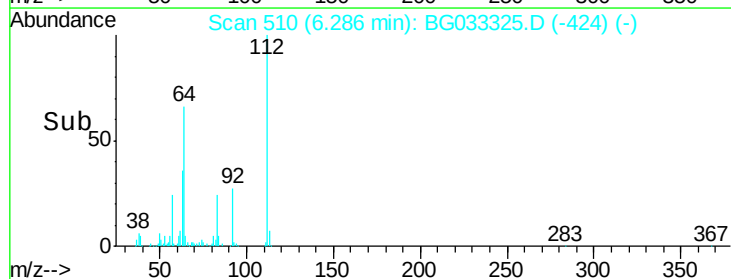
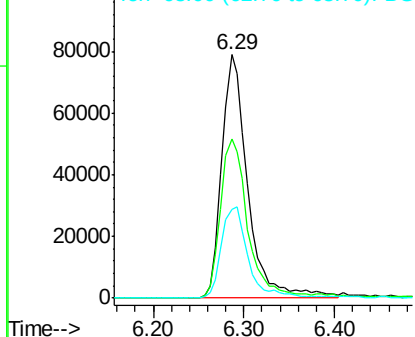
#5

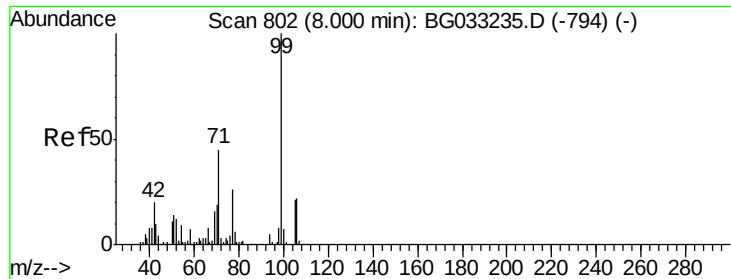
2-Fluorophenol
Concen: 70.975 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033235.D
Acq: 26 Mar 2018 12:24

Tgt Ion:112 Resp: 156732
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 36.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 33.851 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

FB-031918

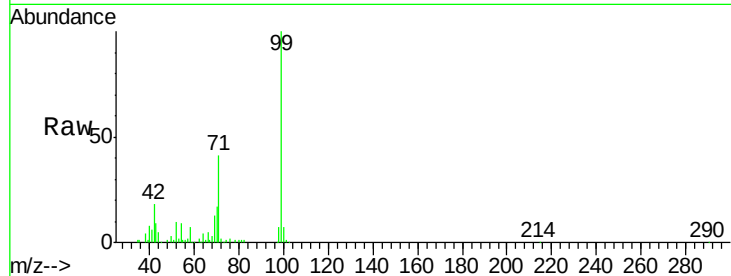
Tgt Ion: 99 Resp: 128442

Ion Ratio Lower Upper

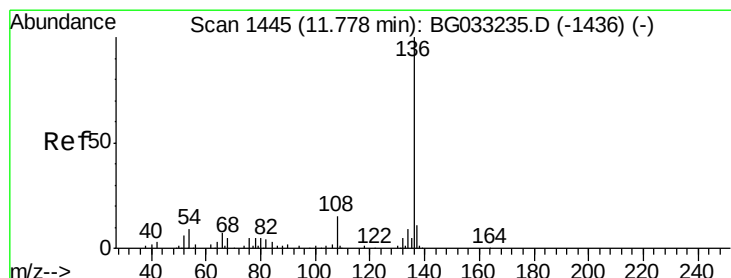
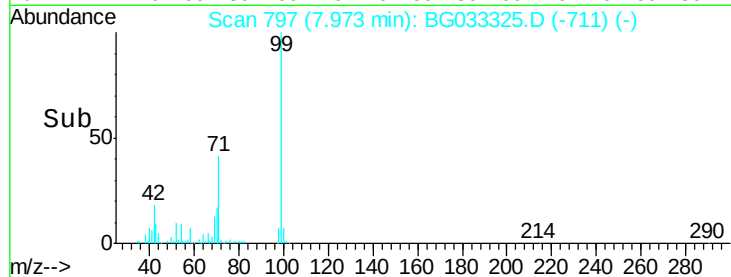
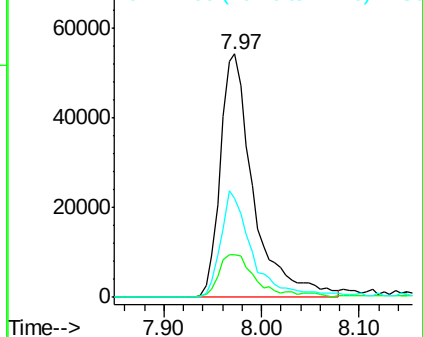
99 100

42 17.5 14.1 21.1

71 40.7 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: BG033325.D

Acq: 26 Mar 2018 12:24

Tgt Ion: 136 Resp: 162855

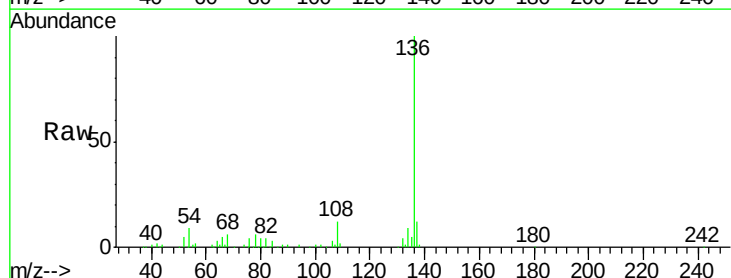
Ion Ratio Lower Upper

136 100

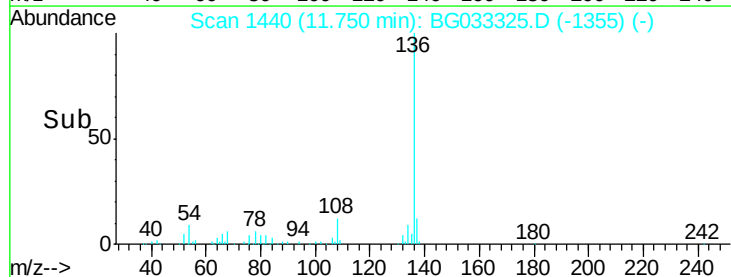
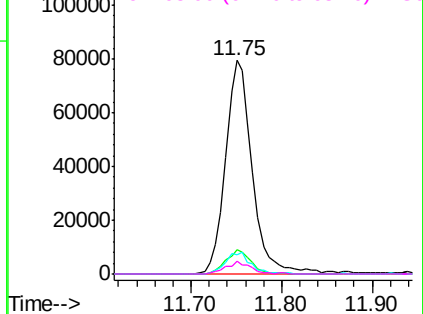
137 11.6 9.2 13.8

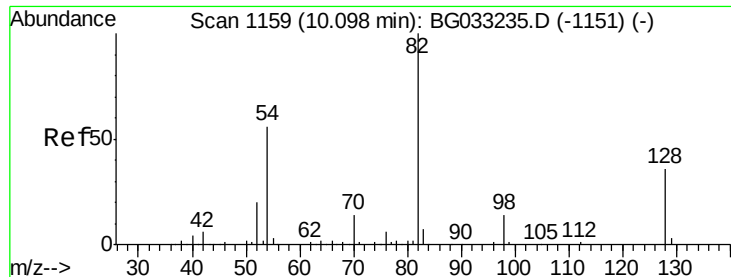
54 9.0 10.3 15.5#

68 6.2 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: 105.606 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

FB-031918

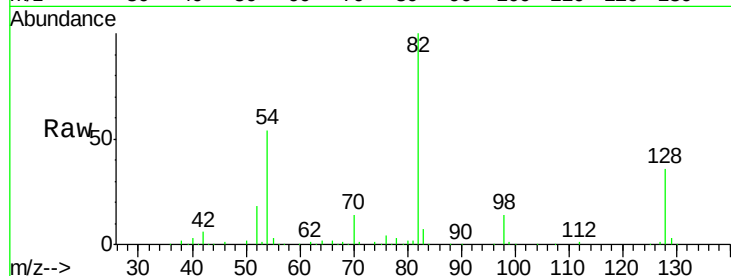
Tgt Ion: 82 Resp: 374334

Ion Ratio Lower Upper

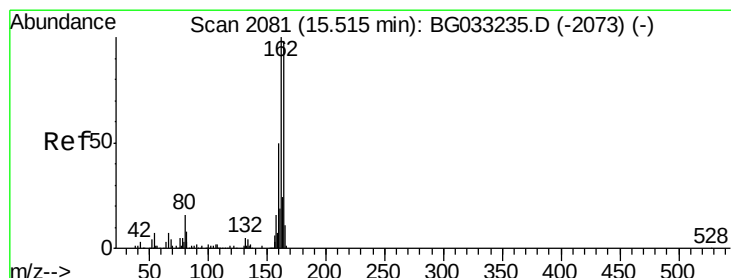
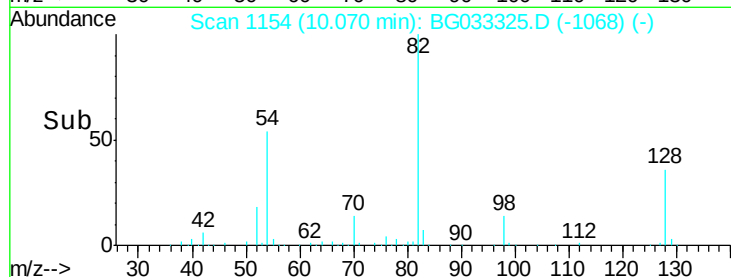
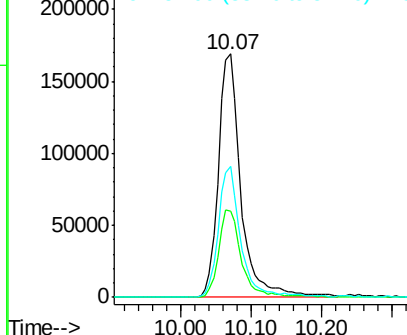
82 100

128 35.6 29.7 44.5

54 53.7 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: 15.49 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

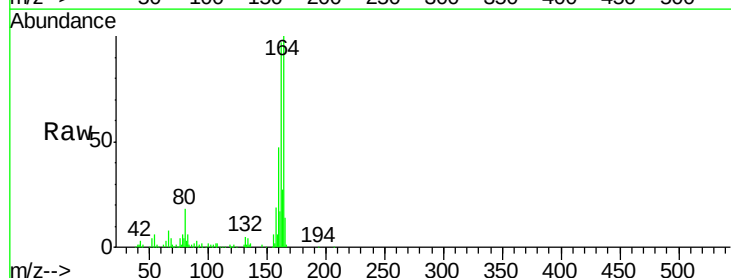
Tgt Ion: 164 Resp: 120272

Ion Ratio Lower Upper

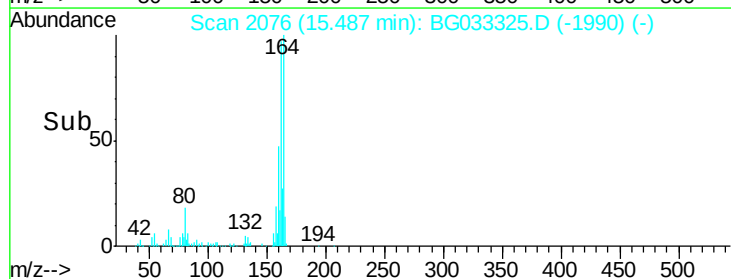
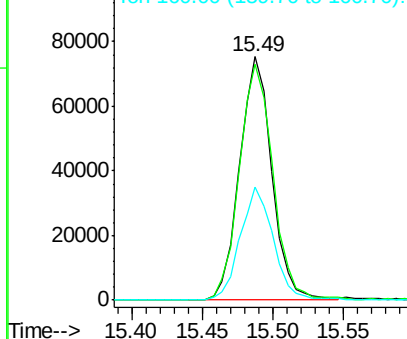
164 100

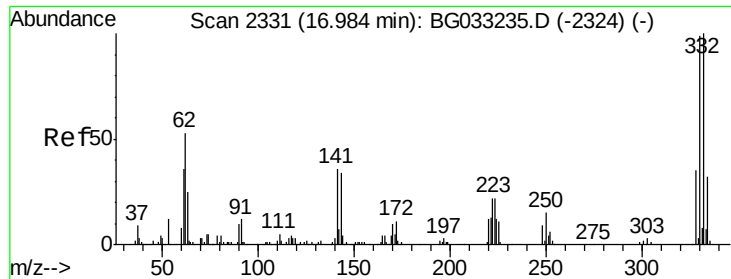
162 96.9 78.8 118.2

160 46.5 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

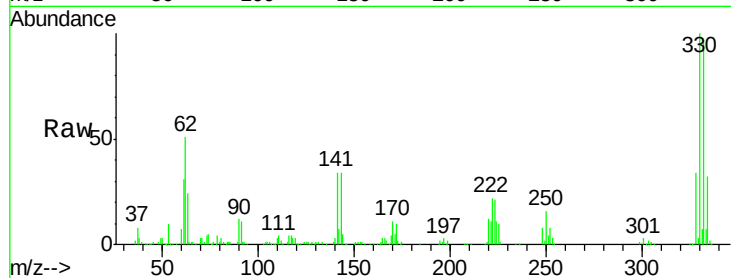




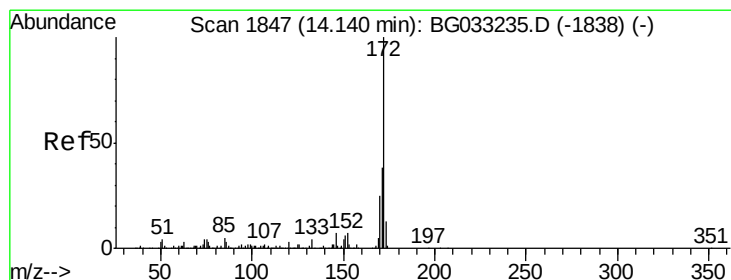
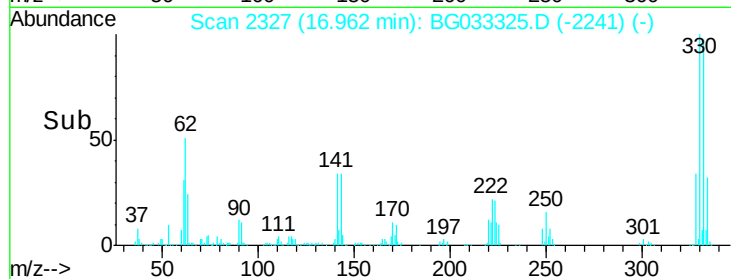
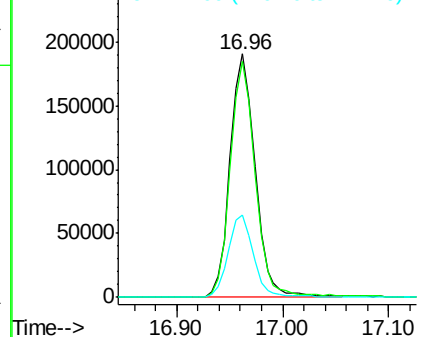
#41
 2,4,6-Tribromophenol
 Concen: 175.239 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Instrument :
 BNA_G
 ClientSampleId :
 FB-031918

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.0	25.2	37.8

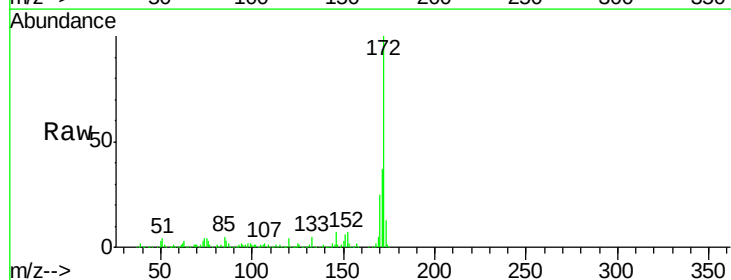


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

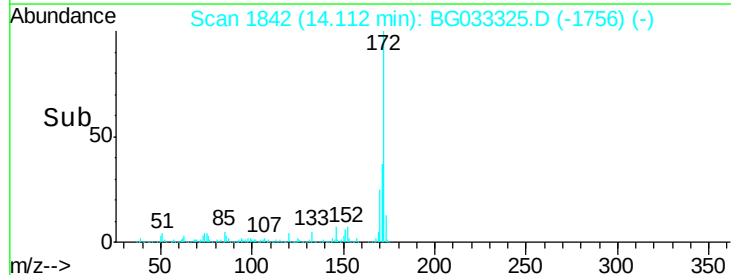
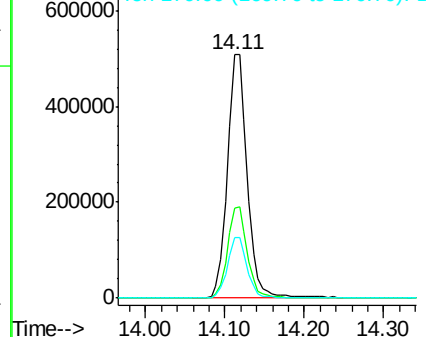


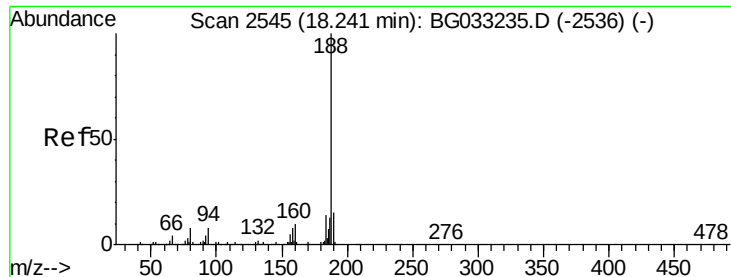
#44
 2-Fluorobiphenyl
 Concen: 105.526 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033325.D
 Acq: 26 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.7	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: 18.22 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

FB-031918

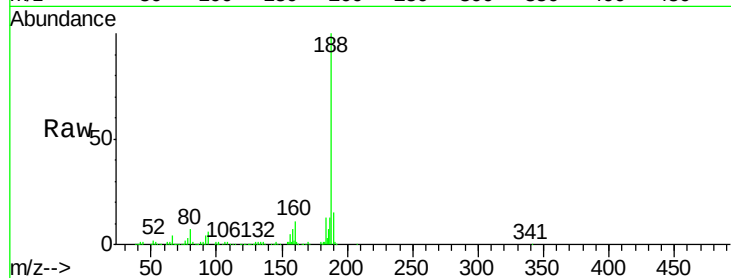
Tgt Ion:188 Resp: 335918

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

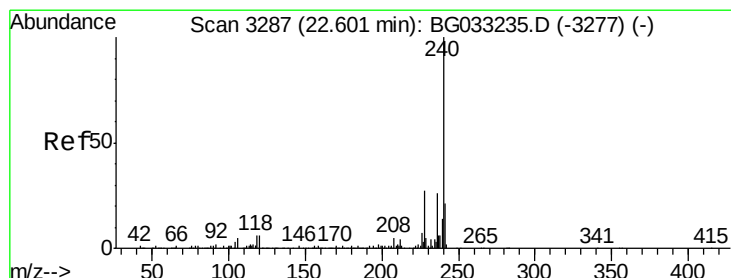
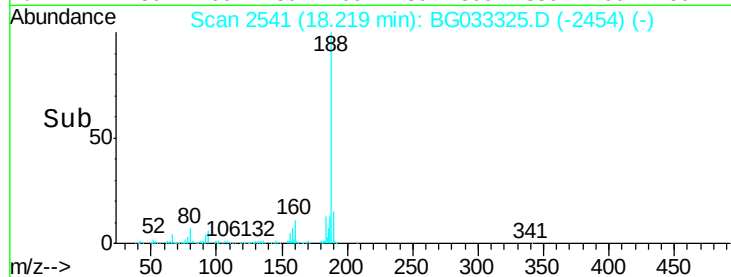
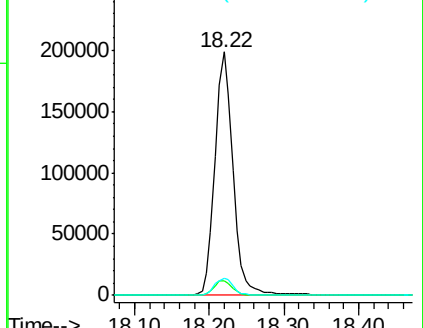
80 7.1 7.7 11.5#



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: 22.57 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

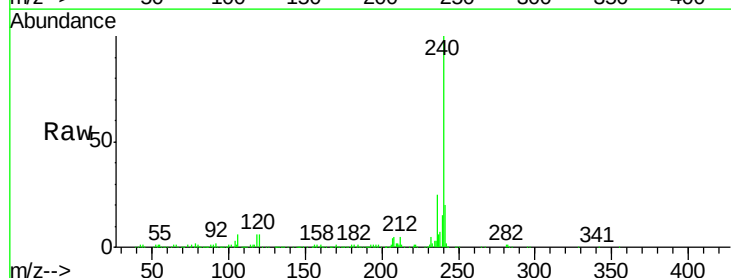
Tgt Ion:240 Resp: 350428

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

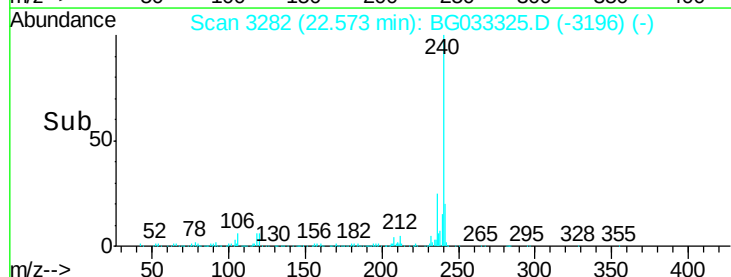
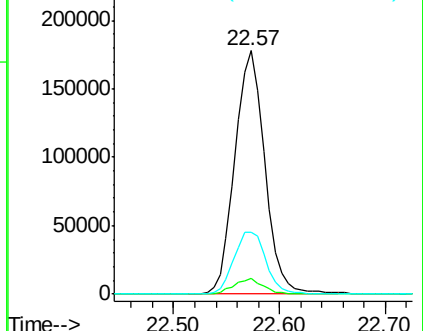
236 25.2 20.9 31.3

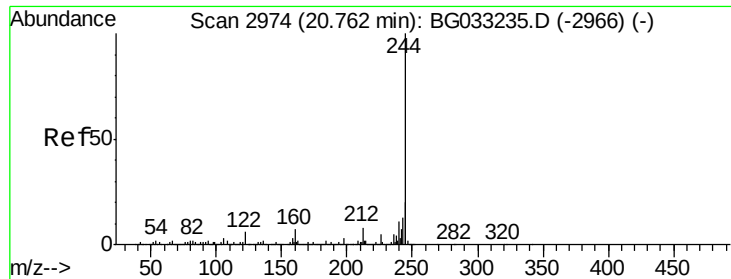


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.309 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

Instrument :

BNA_G

ClientSampleId :

FB-031918

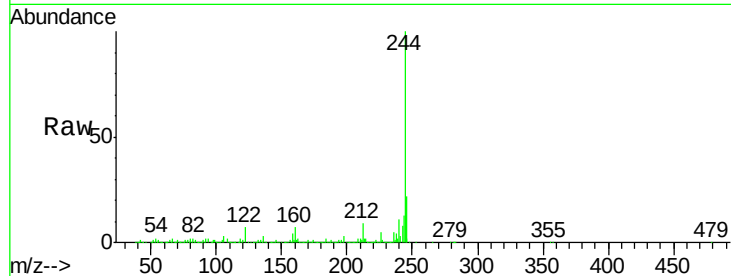
Tgt Ion:244 Resp: 1758352

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

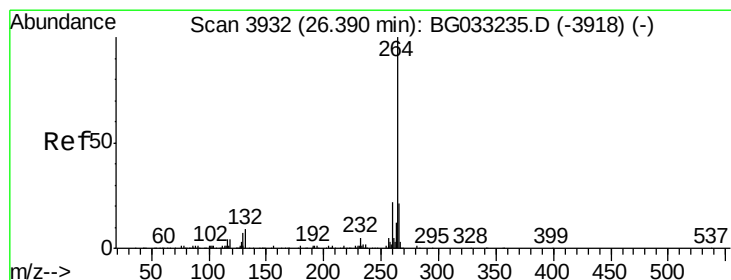
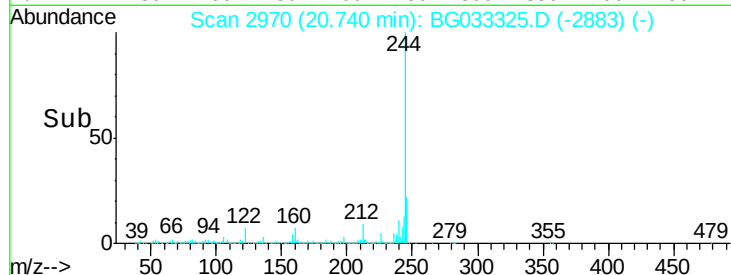
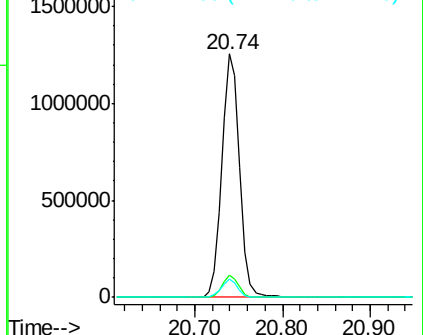
122 7.4 7.0 10.4



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: 26.35 min Scan# 3925

Delta R.T. -0.04 min

Lab File: BG033325.D

Acq: 26 Mar 2018 12:24

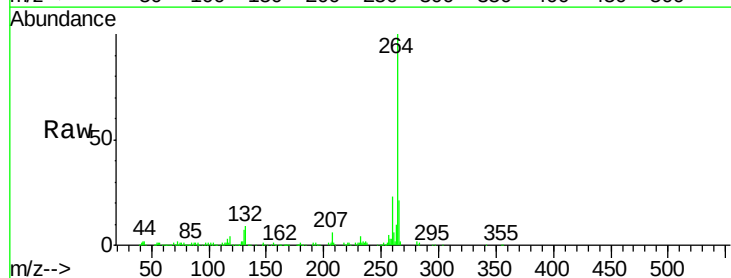
Tgt Ion:264 Resp: 374739

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.7 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

