

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033398.D
 Acq On : 28 Mar 2018 22:44
 Operator : SJ/JU
 Sample : J2097-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Quant Time: Mar 29 07:30:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45320	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	184879	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	137536	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316615	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331261	20.00	ng	0.00
86) Perylene-d12	26.33	264	360937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	181451	75.08	ng	0.00
7) Phenol-d6	7.99	99	169659	40.85	ng	0.00
23) Nitrobenzene-d5	10.07	82	419333	104.21	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	296992	144.38	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	1028350	107.94	ng	0.00
78) Terphenyl-d14	20.74	244	1552006	100.20	ng	0.00

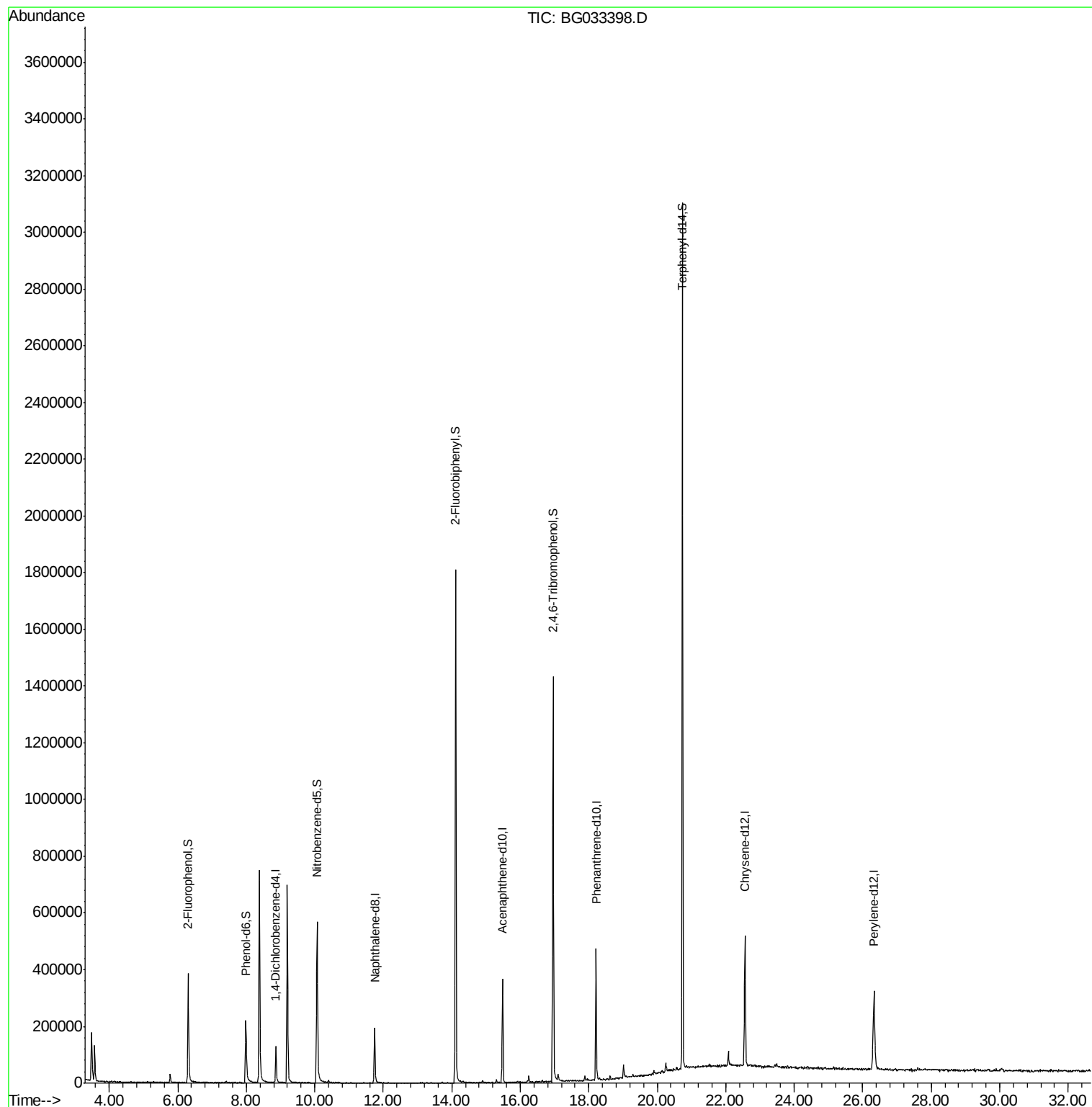
Target Compounds Qvalue

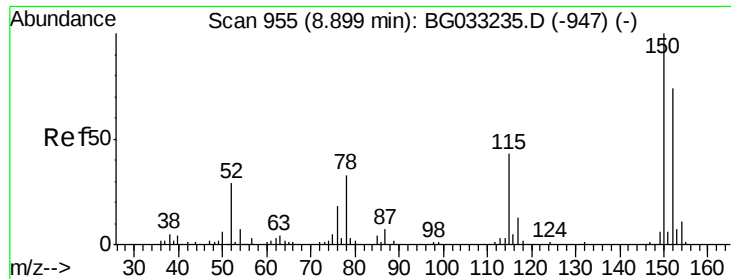
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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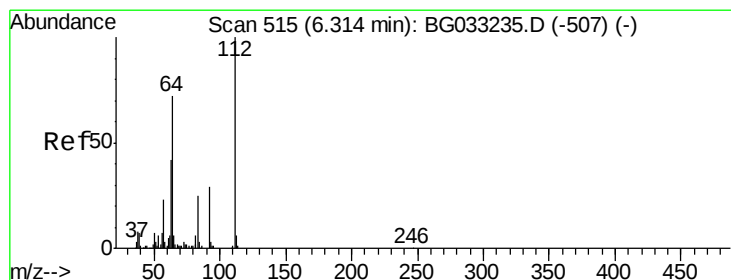
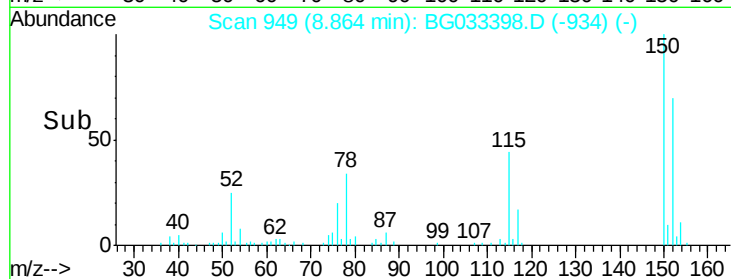
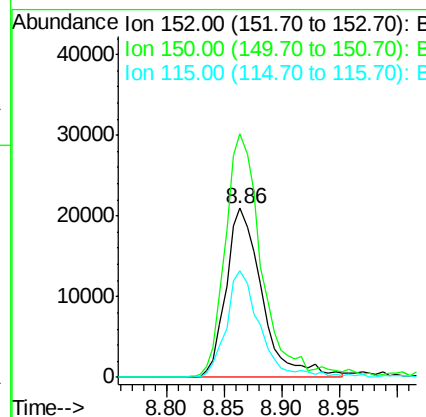
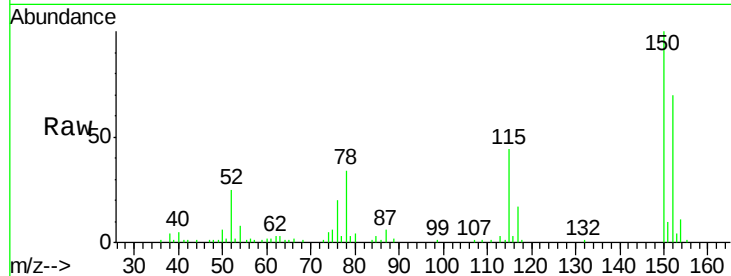




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

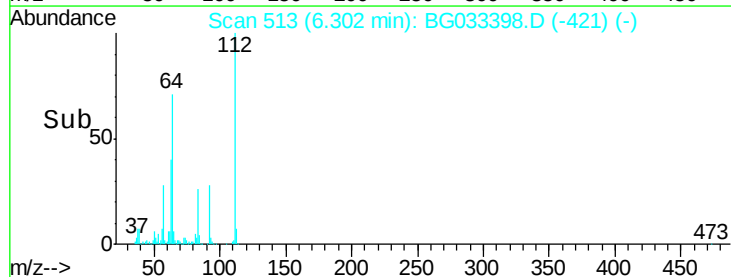
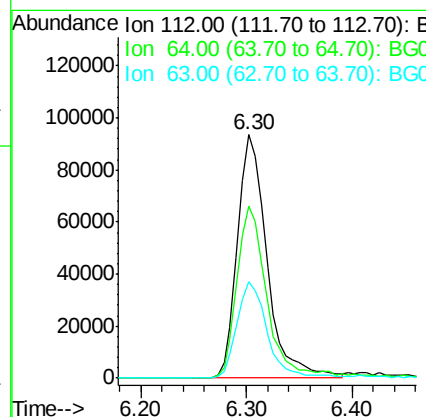
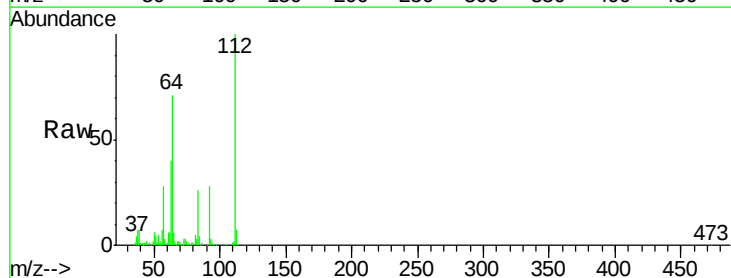
Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

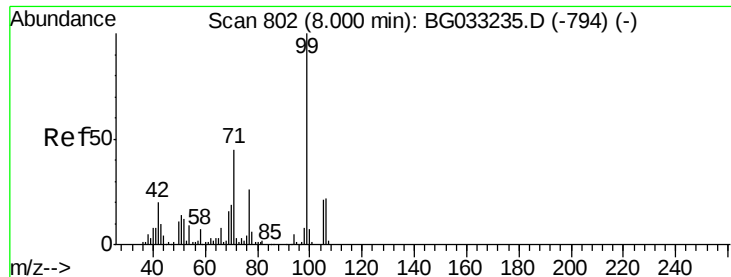
Tot Ion:152 Resp: 45320
 Ion Ratio Lower Upper
 152 100
 150 143.8 126.6 189.8
 115 63.0 53.0 79.4



#5
 2-Fluorophenol
 Concen: 75.076 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:112 Resp: 181451
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.3 84.5
 63 39.8 30.1 45.1





#7

Phenol-d6

Concen: 40.855 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Instrument :

BNA_G

ClientSampleId :

LIP-12

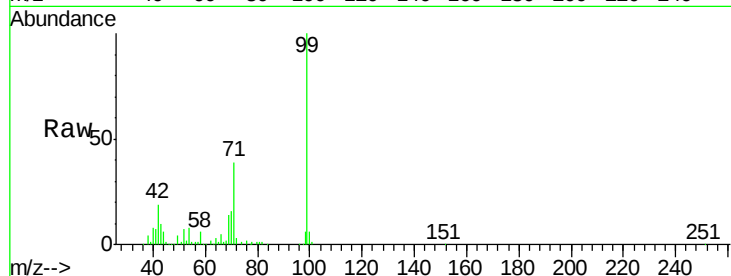
Tot Ion: 99 Resp: 169659

Ion Ratio Lower Upper

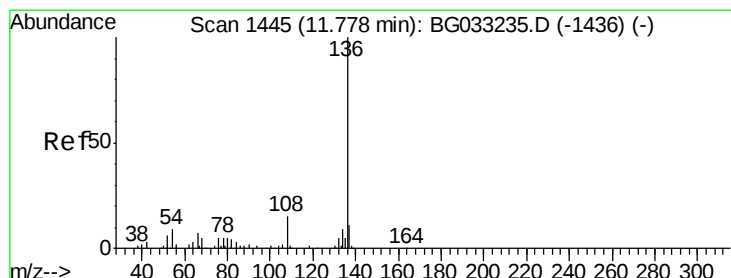
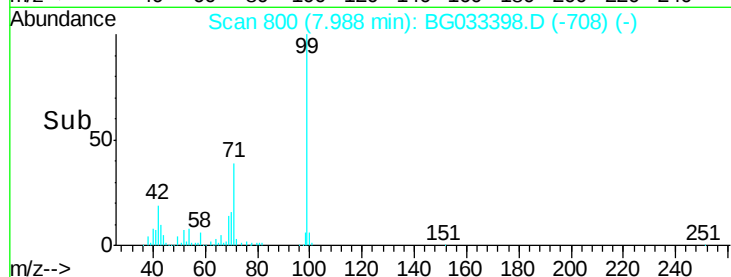
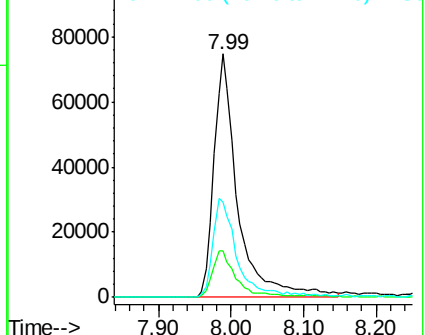
99 100

42 19.3 14.1 21.1

71 38.8 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. -0.01 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Tgt Ion: 136 Resp: 184879

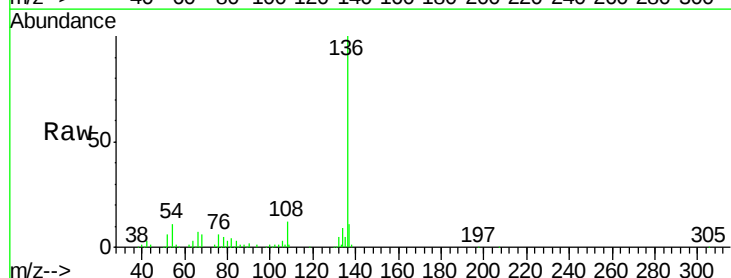
Ion Ratio Lower Upper

136 100

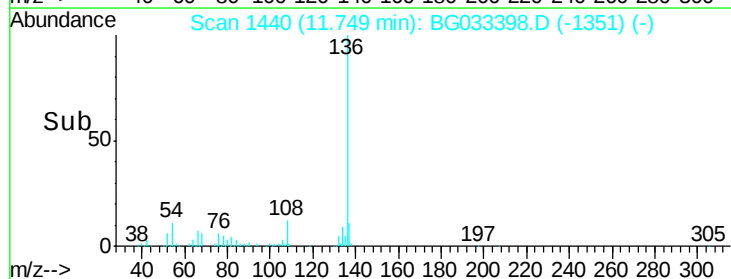
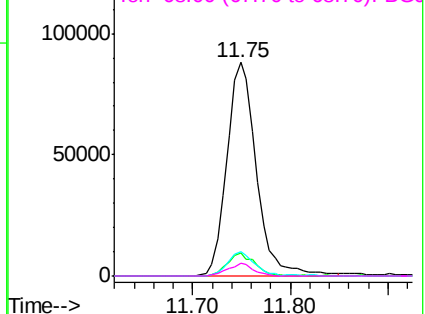
137 10.6 9.2 13.8

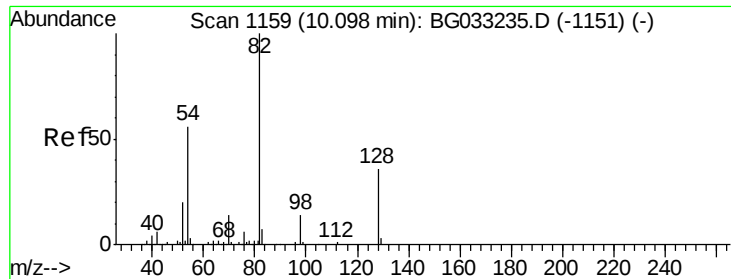
54 11.2 10.3 15.5

68 6.0 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

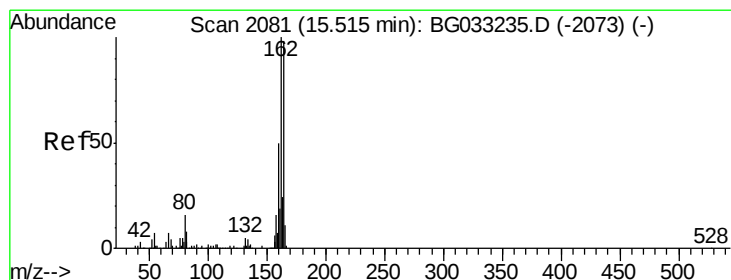
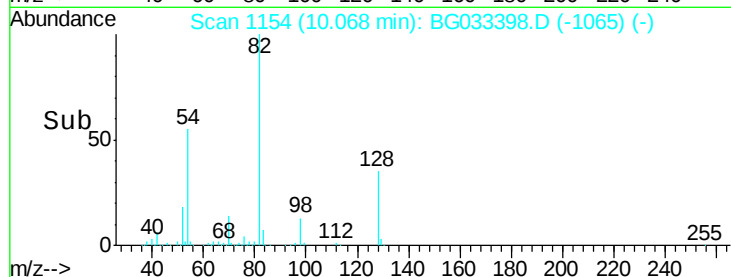
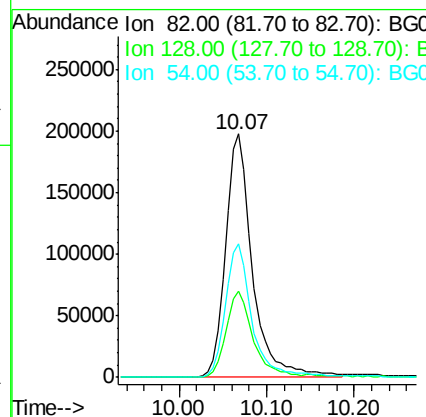
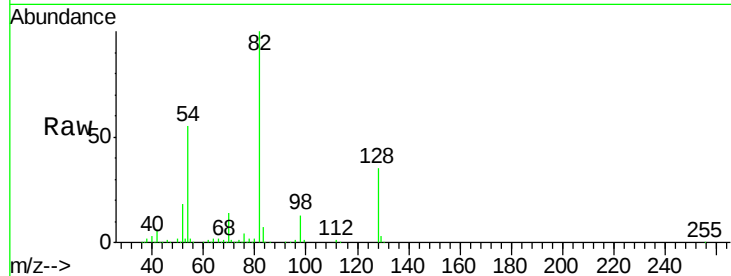




#23
Nitrobenzene-d5
Concen: 104.208 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033398.D
Acq: 28 Mar 2018 22:44

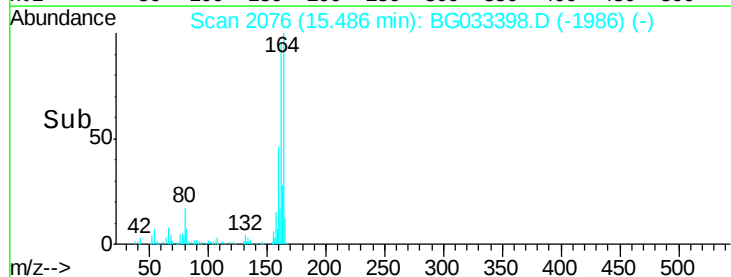
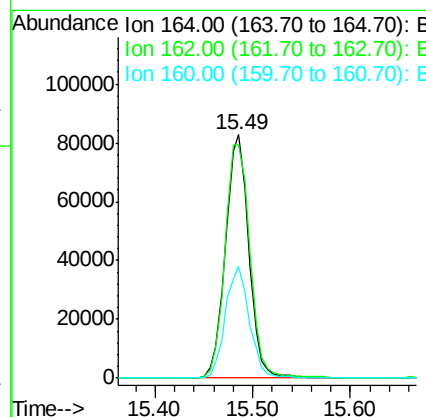
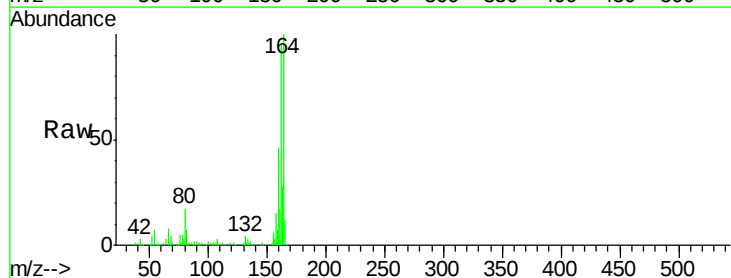
Instrument :
BNA_G
ClientSampleId :
LIP-12

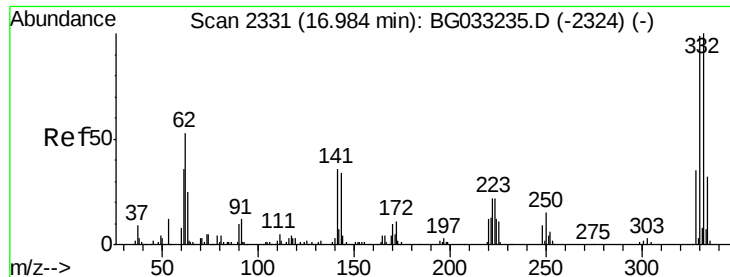
Tot Ion: 82 Resp: 419333
Ion Ratio Lower Upper
82 100
128 35.5 29.7 44.5
54 54.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033398.D
Acq: 28 Mar 2018 22:44

Tgt Ion: 164 Resp: 137536
Ion Ratio Lower Upper
164 100
162 96.1 78.8 118.2
160 45.9 35.4 53.0

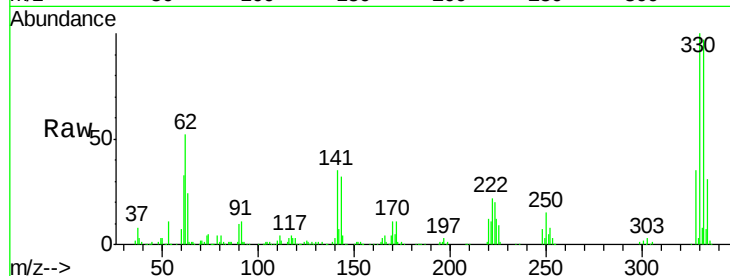




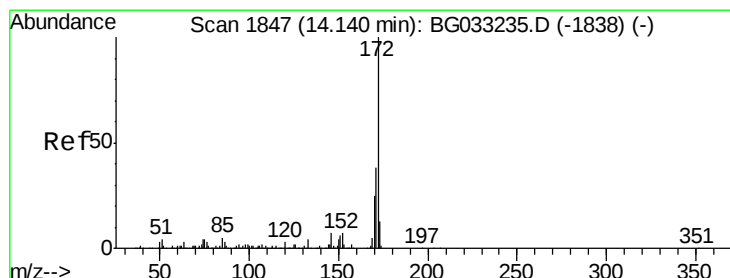
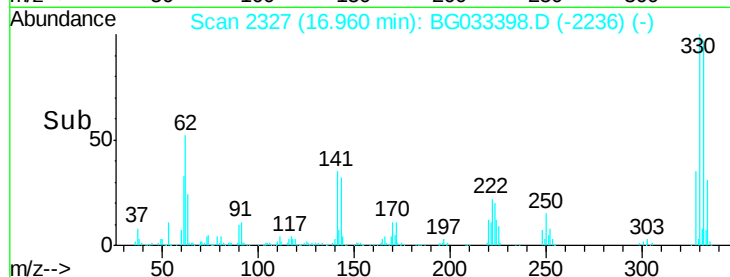
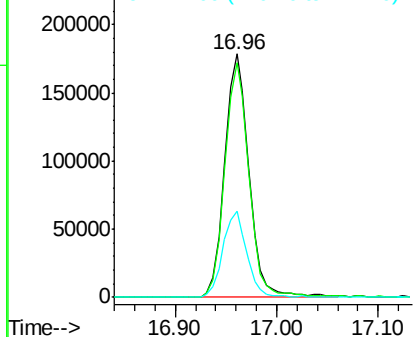
#41
 2,4,6-Tribromophenol
 Concen: 144.380 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.1	25.2	37.8

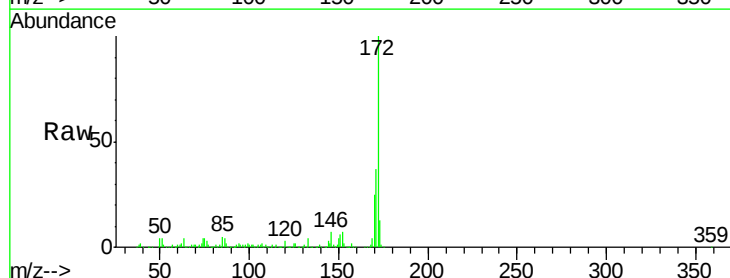


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

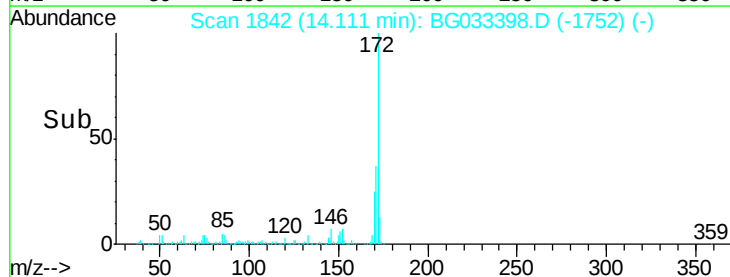
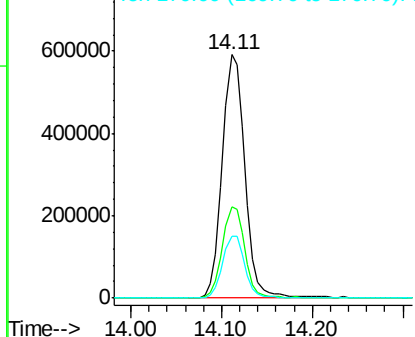


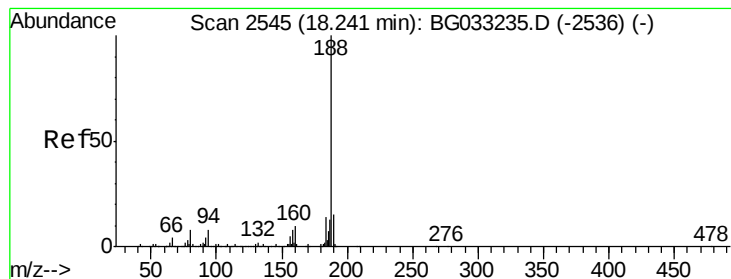
#44
 2-Fluorobiphenyl
 Concen: 107.940 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.4	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. -0.00 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Instrument :

BNA_G

ClientSampleId :

LIP-12

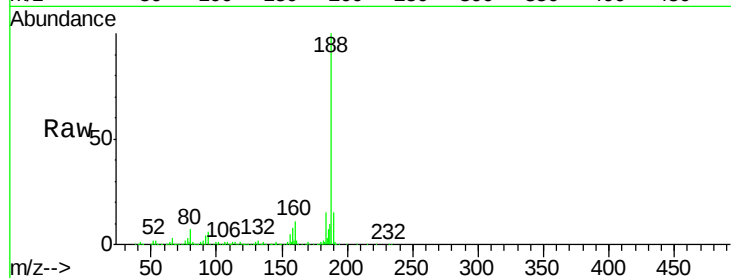
Tot Ion:188 Resp: 316615

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

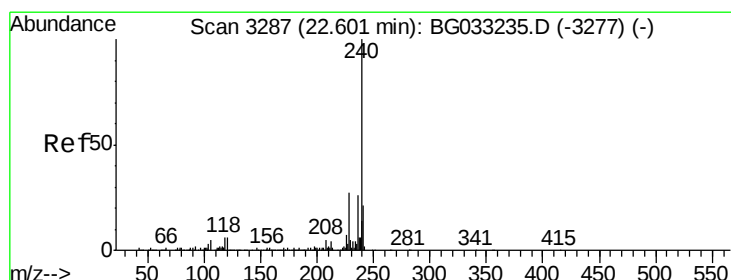
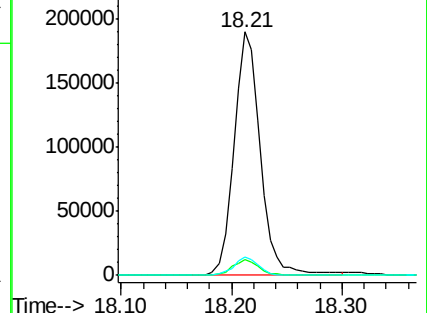
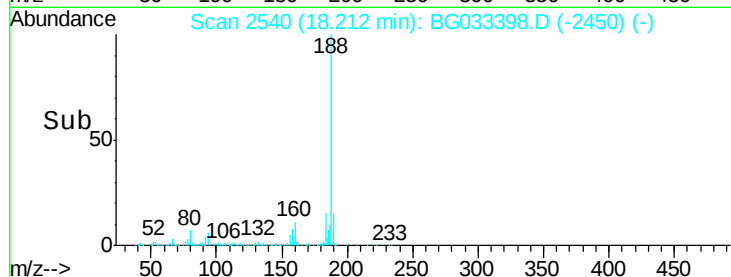
80 7.4 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

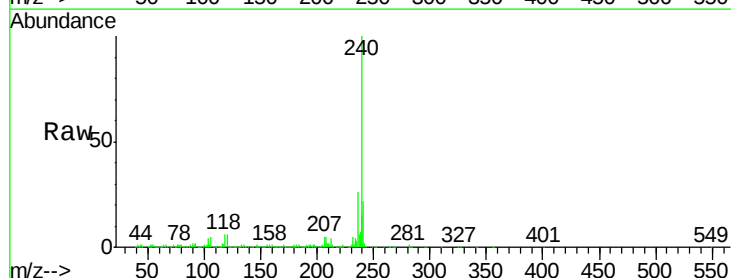
Tgt Ion:240 Resp: 331261

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

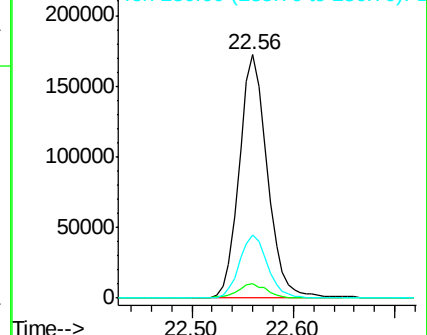
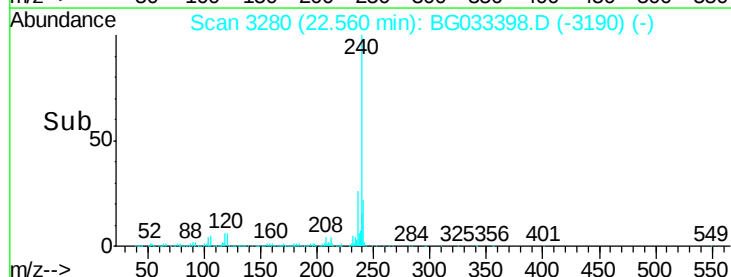
236 26.1 20.9 31.3

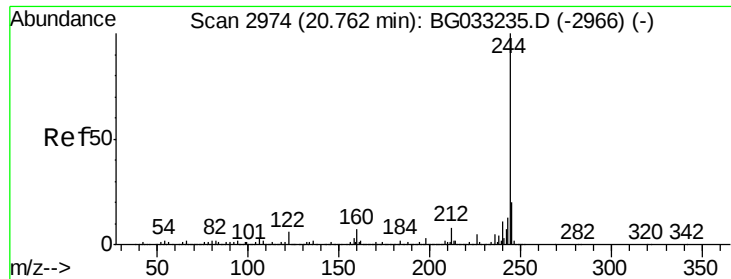


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.197 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Instrument :

BNA_G

ClientSampled :

LIP-12

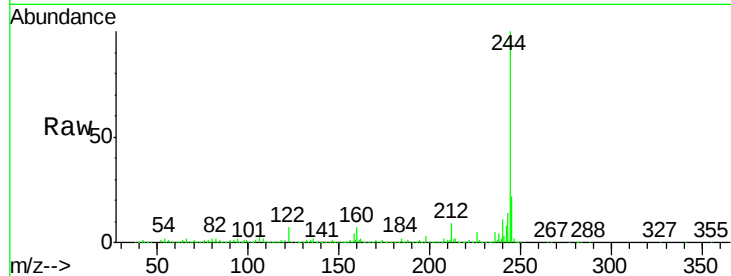
Tot Ion:244 Resp: 1552006

Ion Ratio Lower Upper

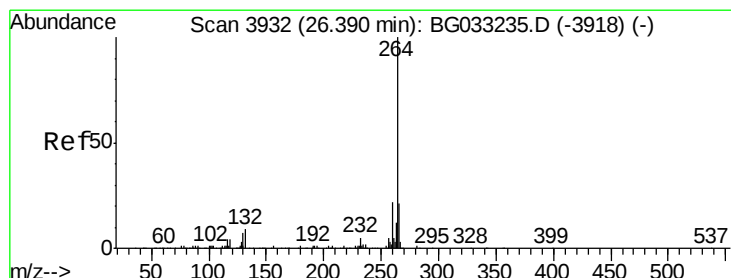
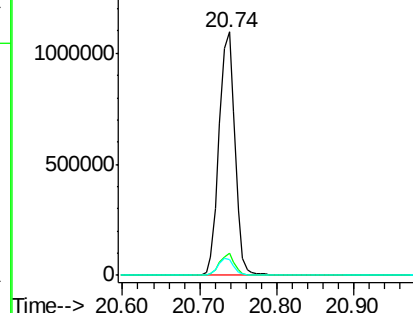
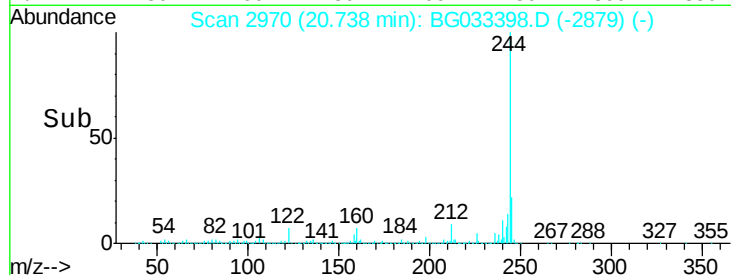
244 100

212 8.9 5.8 8.8#

122 6.6 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: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

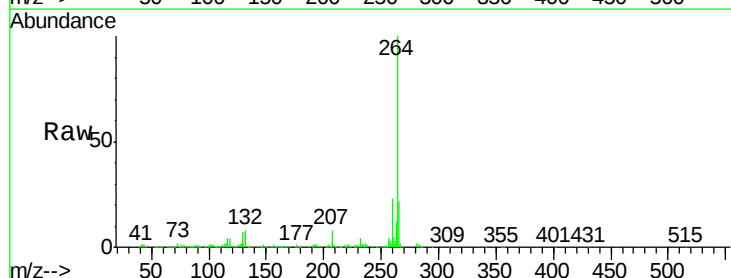
Tgt Ion:264 Resp: 360937

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

