

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033466.D
 Acq On : 31 Mar 2018 2:24
 Operator : SJ/JU
 Sample : J2117-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TPIAD

Quant Time: Mar 31 03:00:15 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	30172	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	123367	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	100131	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	299799	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325664	20.00	ng	0.00
86) Perylene-d12	26.33	264	336351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	239811	149.04	ng	0.00
7) Phenol-d6	7.98	99	312687	113.10	ng	0.00
23) Nitrobenzene-d5	10.07	82	267877	99.76	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	244833	163.49	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	664552	95.81	ng	0.00
78) Terphenyl-d14	20.73	244	1491517	97.95	ng	0.00

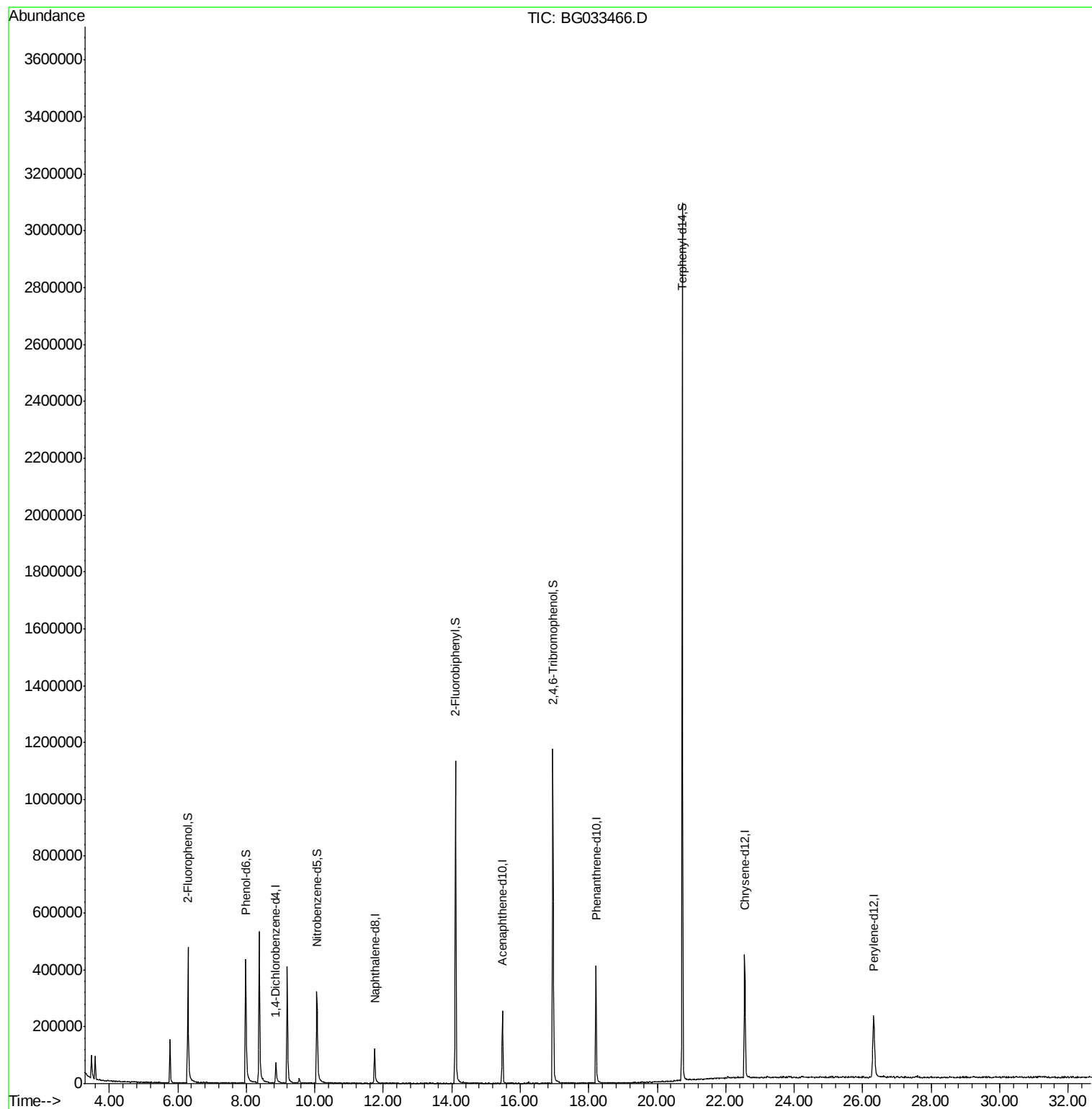
Target Compounds Qvalue

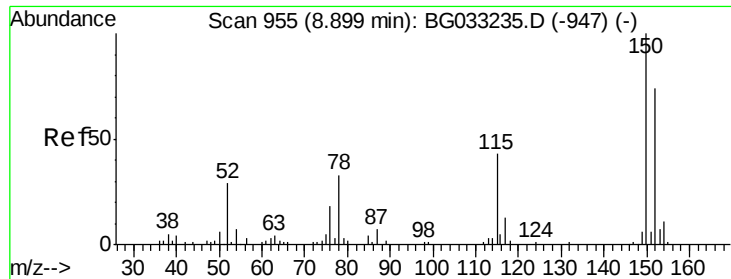
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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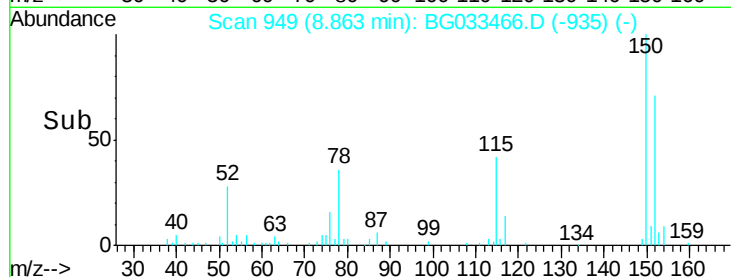
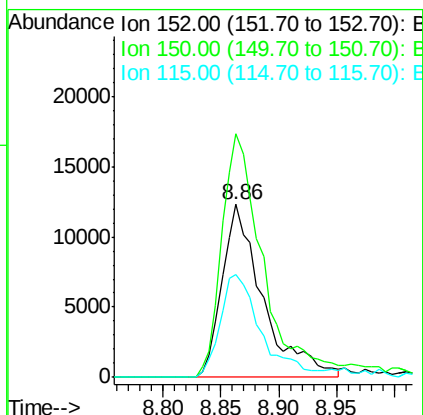
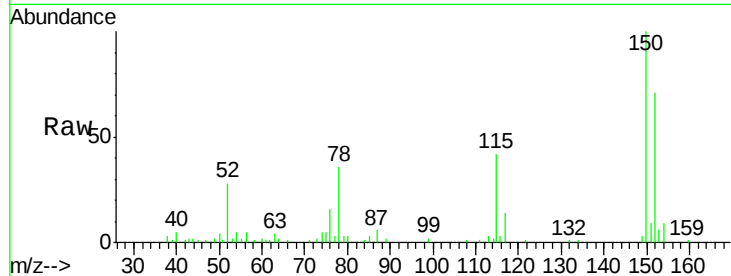


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Instrument :
BNA_G
ClientSampleId :
TPIAD

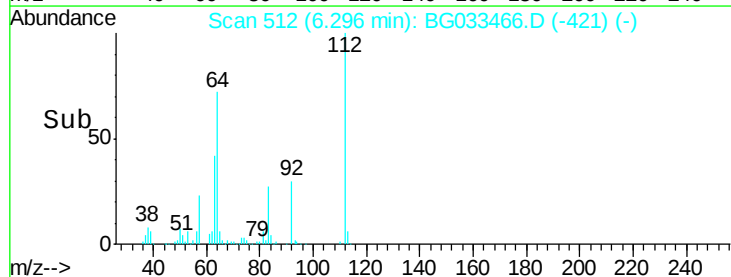
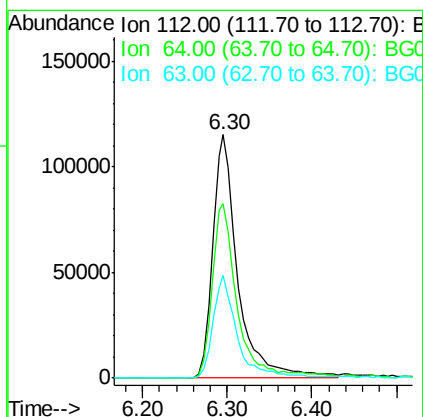
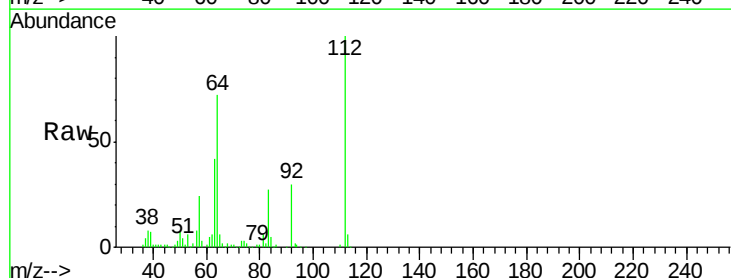
Tot Ion:152 Resp: 30172
Ion Ratio Lower Upper
152 100
150 140.9 126.6 189.8
115 59.8 53.0 79.4

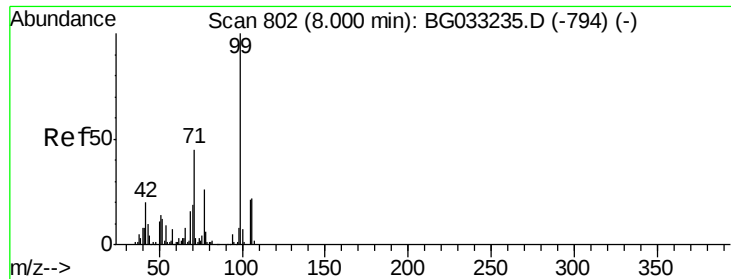


#5

2-Fluorophenol
Concen: 149.037 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033466.D
Acq: 31 Mar 2018 2:24

Tgt Ion:112 Resp: 239811
Ion Ratio Lower Upper
112 100
64 71.9 56.3 84.5
63 42.0 30.1 45.1





#7

Phenol-d6

Concen: 113.099 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033466.D

Acq: 31 Mar 2018 2:24

Instrument :

BNA_G

ClientSampleId :

TPIAD

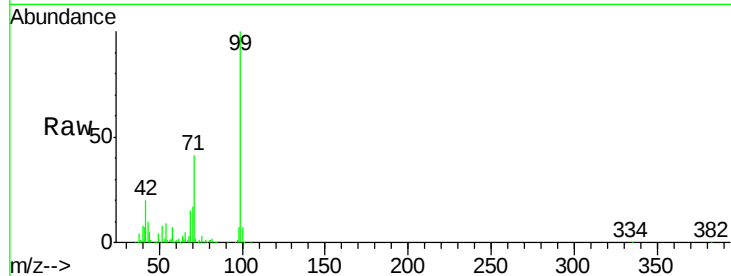
Tot Ion: 99 Resp: 312687

Ion Ratio Lower Upper

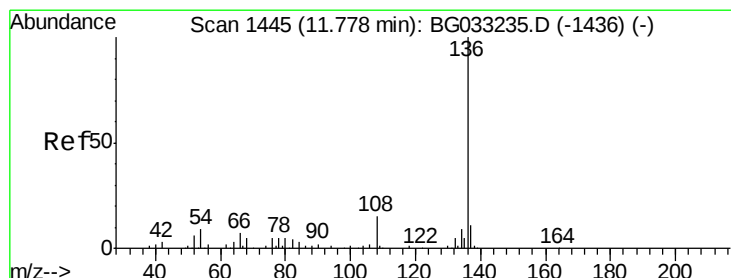
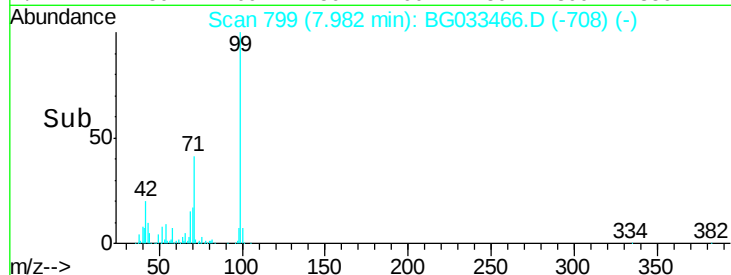
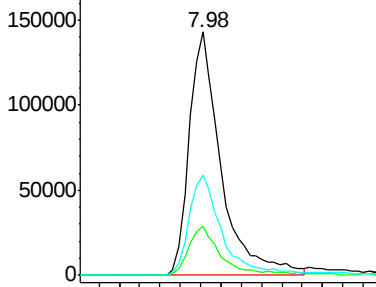
99 100

42 20.2 14.1 21.1

71 41.0 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033466.D

Acq: 31 Mar 2018 2:24

Tgt Ion: 136 Resp: 123367

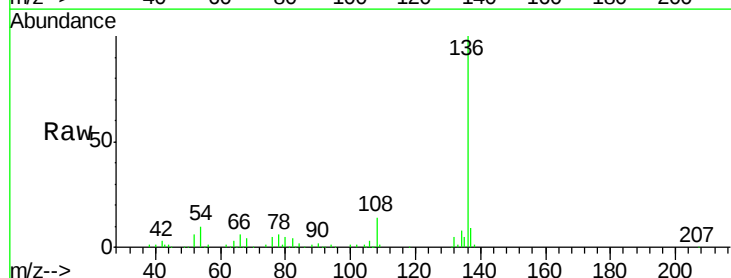
Ion Ratio Lower Upper

136 100

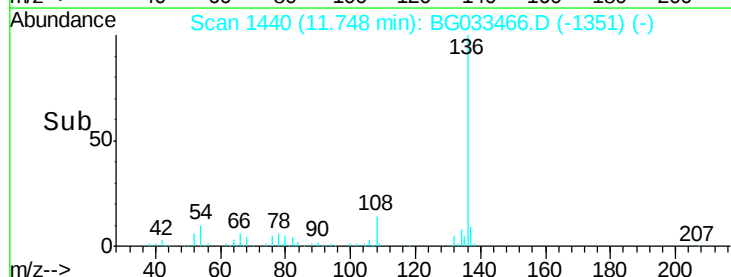
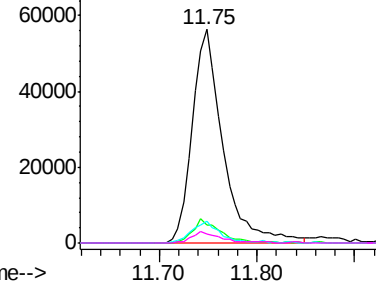
137 8.7 9.2 13.8#

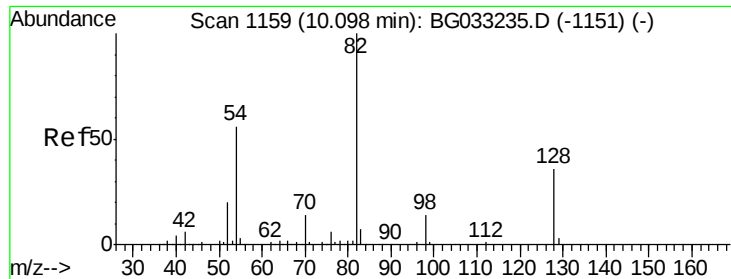
54 10.1 10.3 15.5#

68 4.3 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

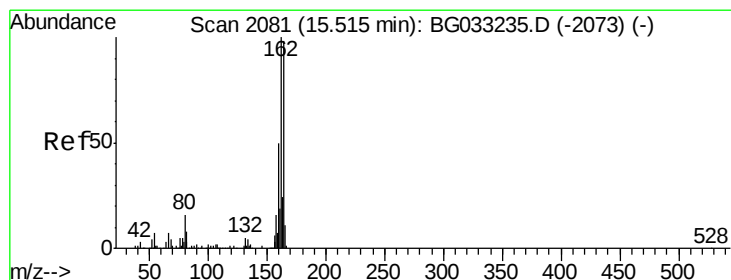
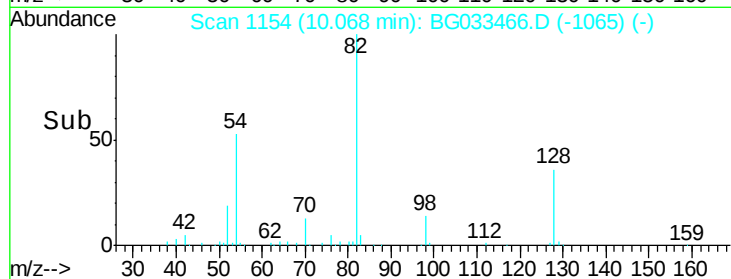
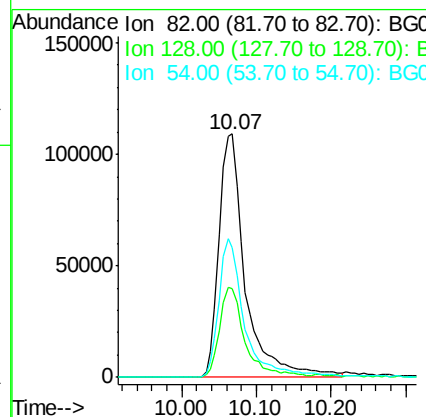
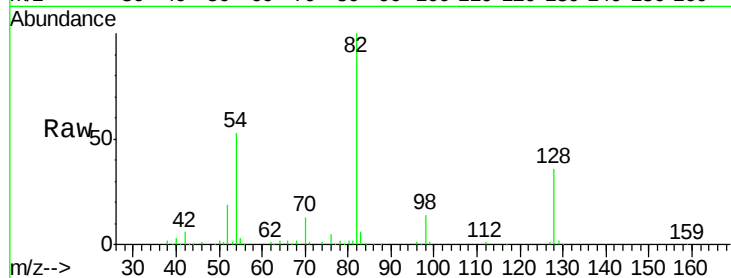




#23
 Nitrobenzene-d5
 Concen: 99.762 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033466.D
 Acq: 31 Mar 2018 2:24

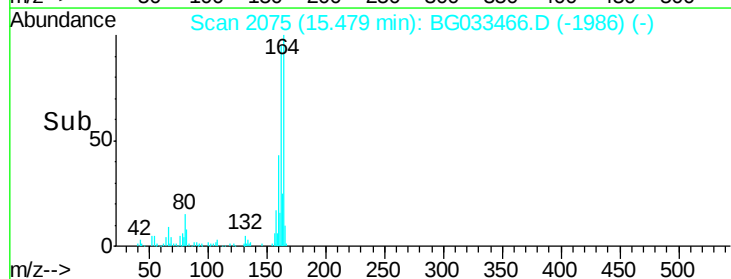
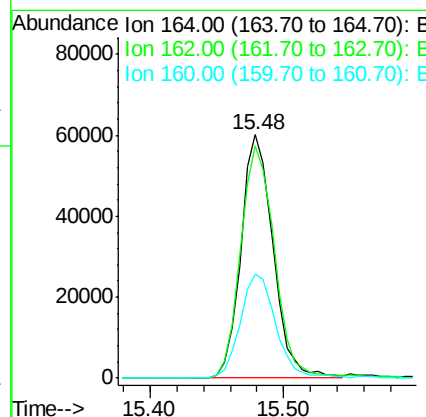
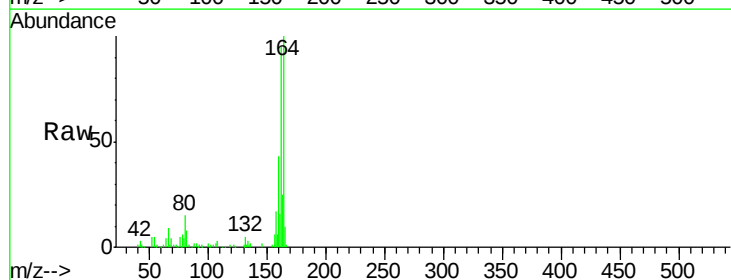
Instrument :
 BNA_G
 ClientSampleId :
 TPIAD

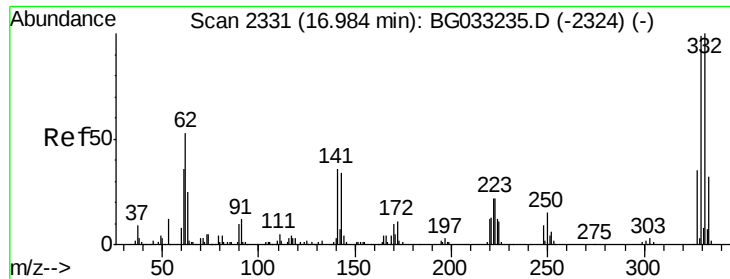
Tot Ion	82	Resp	267877
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.7	44.5
54	53.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033466.D
 Acq: 31 Mar 2018 2:24

Tgt Ion	164	Resp	100131
Ion Ratio	Lower	Upper	
164	100		
162	95.3	78.8	118.2
160	42.5	35.4	53.0

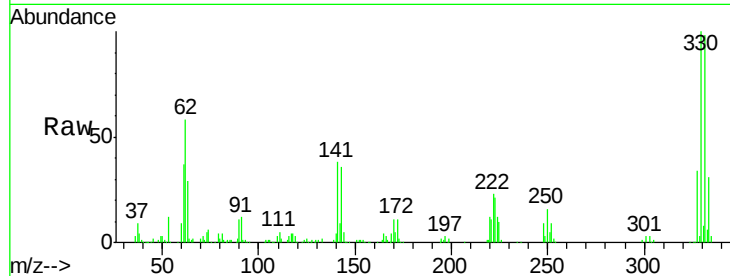




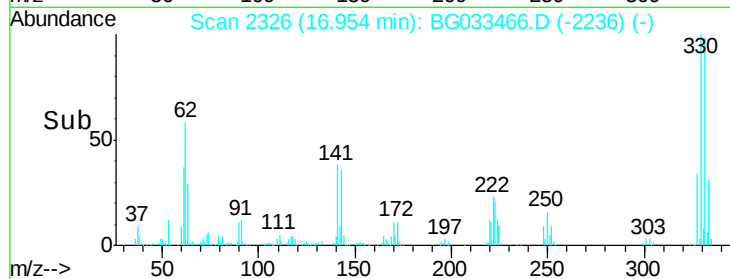
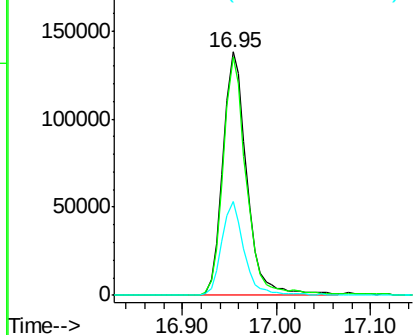
#41
 2,4,6-Tribromophenol
 Concen: 163.486 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033466.D
 Acq: 31 Mar 2018 2:24

Instrument :
 BNA_G
 ClientSampleId :
 TPIAD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	36.5	25.2	37.8

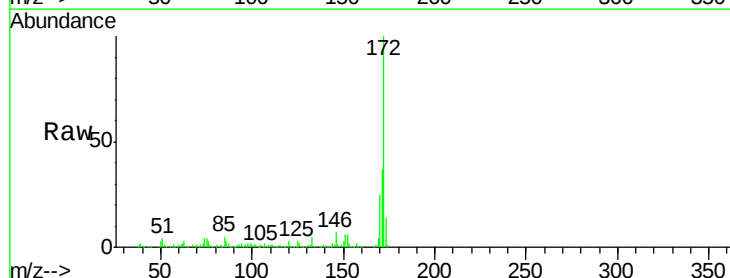


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

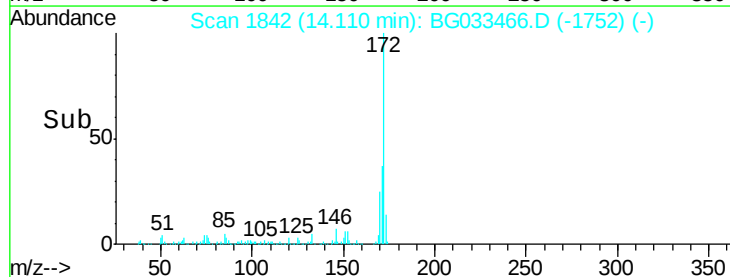
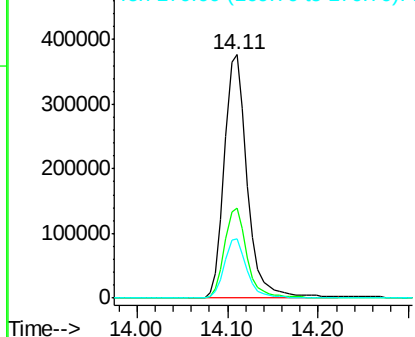


#44
 2-Fluorobiphenyl
 Concen: 95.812 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033466.D
 Acq: 31 Mar 2018 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.6	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: BG033466.D

Acq: 31 Mar 2018 2:24

Instrument :

BNA_G

ClientSampleId :

TPIAD

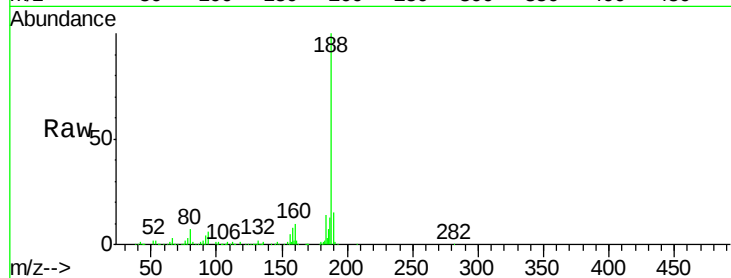
Tot Ion:188 Resp: 299799

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

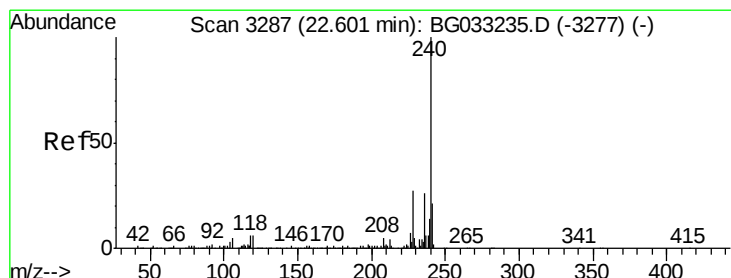
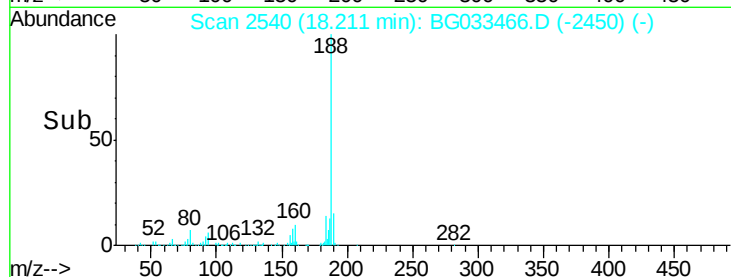
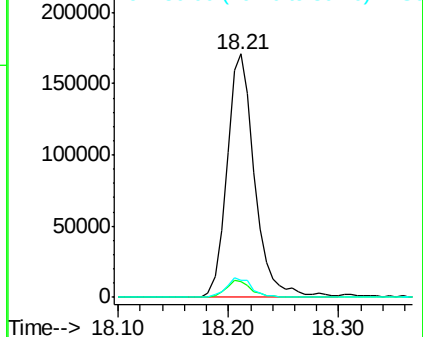
80 7.0 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033466.D

Acq: 31 Mar 2018 2:24

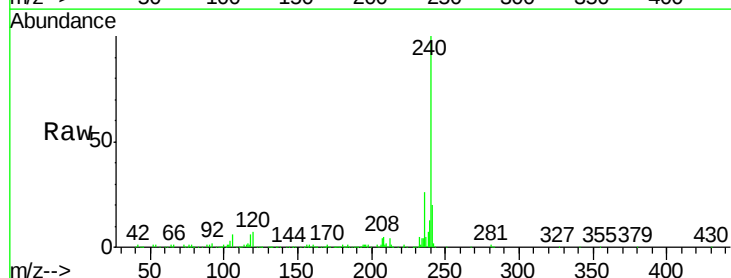
Tgt Ion:240 Resp: 325664

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

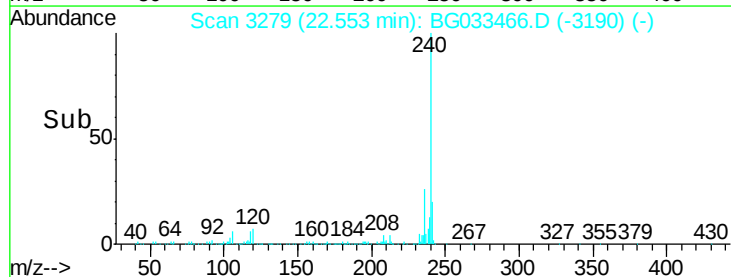
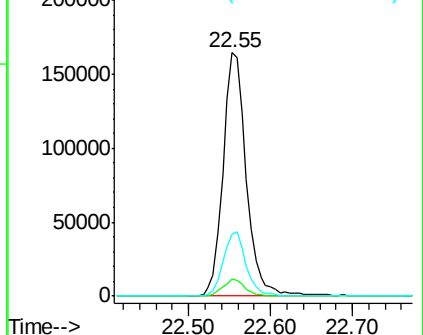
236 25.6 20.9 31.3

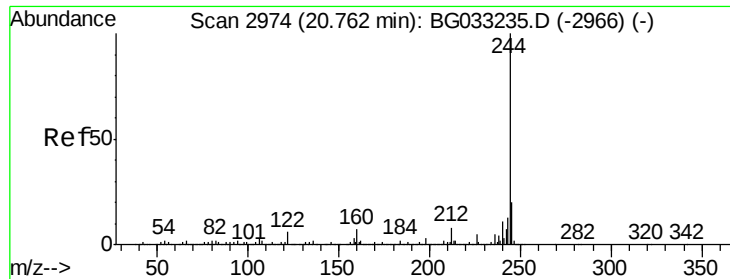


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.947 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033466.D

Acq: 31 Mar 2018 2:24

Instrument :

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ClientSampleId :

TPIAD

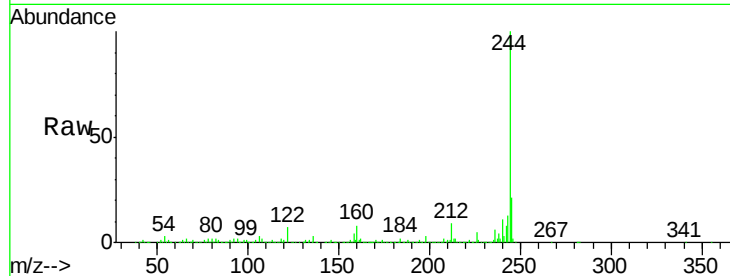
Tot Ion:244 Resp: 1491517

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

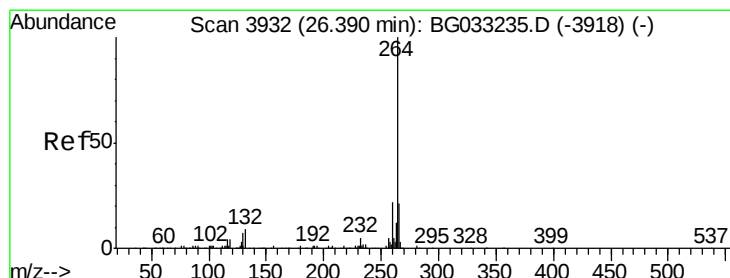
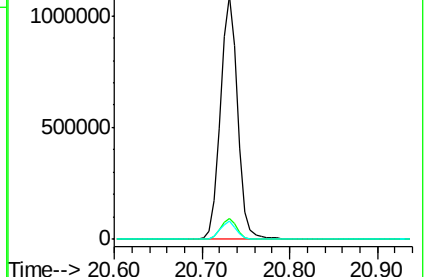
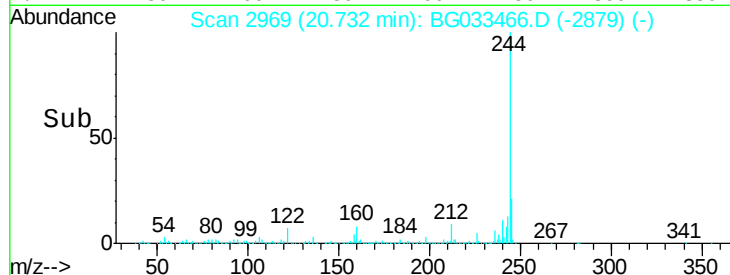
122 7.3 7.0 10.4



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: BG033466.D

Acq: 31 Mar 2018 2:24

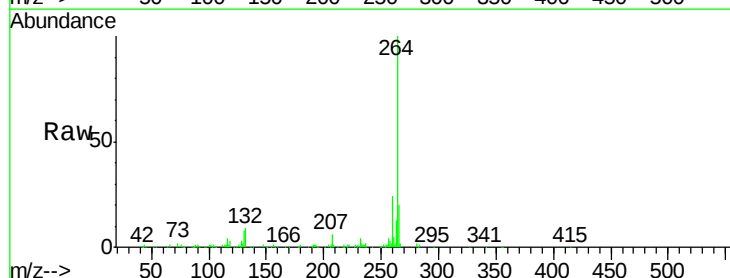
Tgt Ion:264 Resp: 336351

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.3 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

