

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033476.D
 Acq On : 31 Mar 2018 9:59
 Operator : SJ/JU
 Sample : J2146-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CD

Quant Time: Apr 02 02:17:43 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	8.87	152	28763	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	127742	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	106449	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	320444	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330487	20.00	ng	0.00
86) Perylene-d12	26.32	264	350929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	287531	187.45	ng	0.00
7) Phenol-d6	7.98	99	401804	152.45	ng	0.00
23) Nitrobenzene-d5	10.06	82	320629	115.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	280552	176.22	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	791405	107.33	ng	0.00
78) Terphenyl-d14	20.73	244	1722059	111.44	ng	0.00

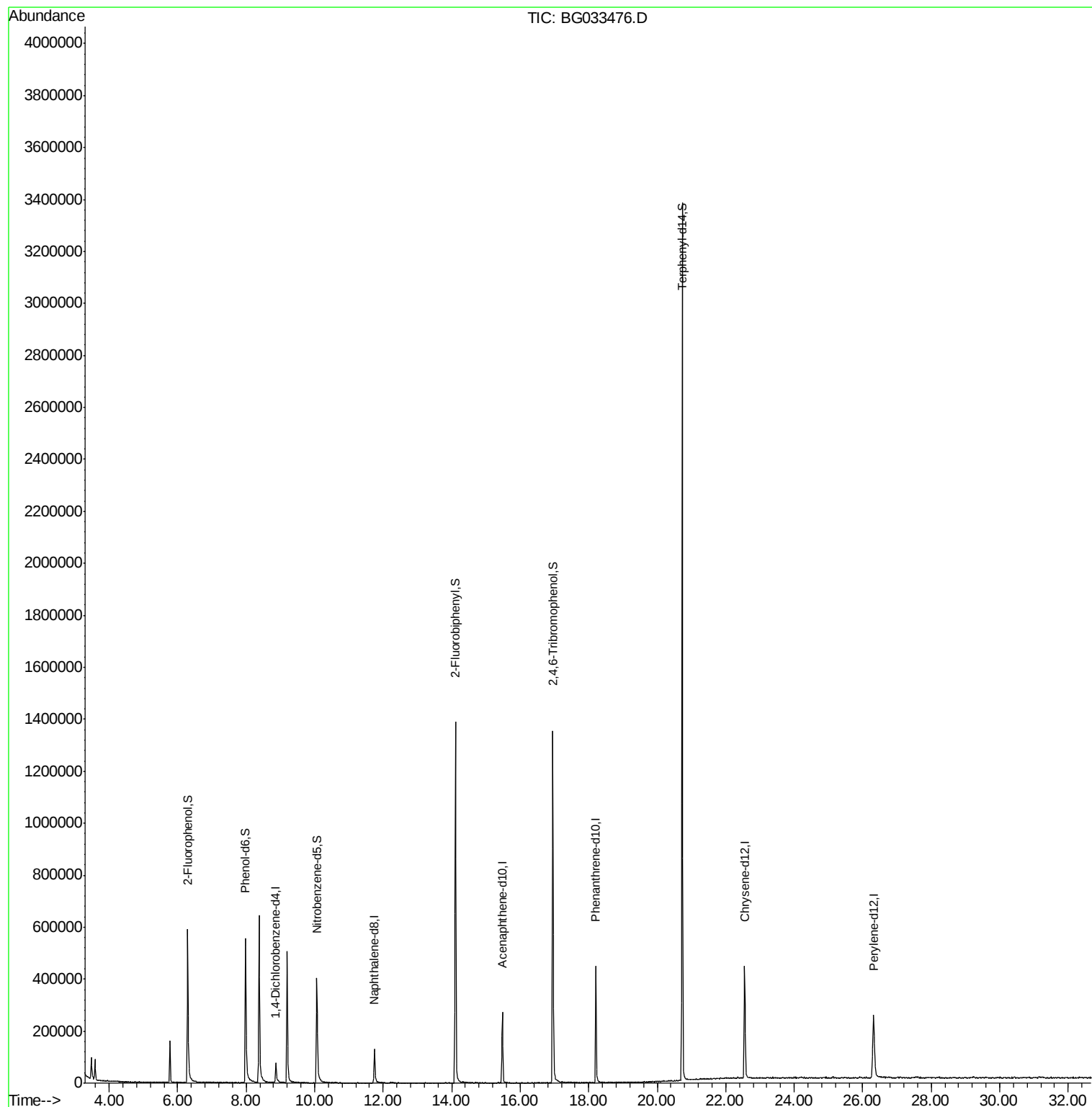
Target Compounds Qvalue

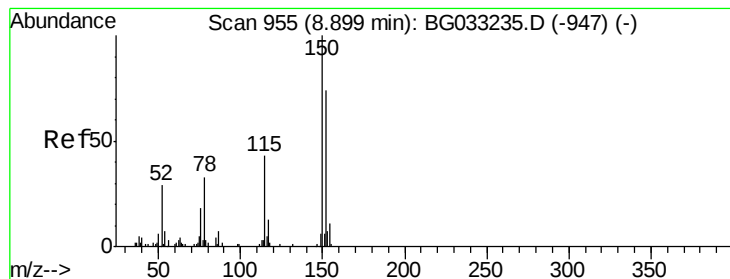
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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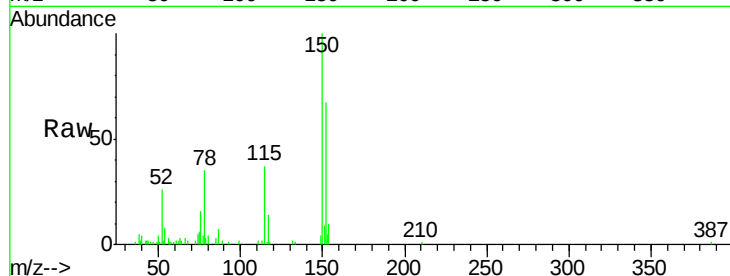


#1

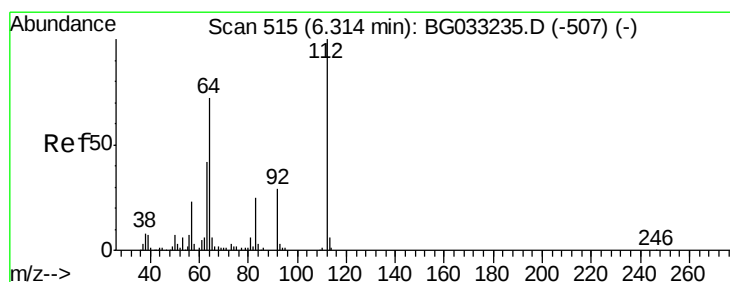
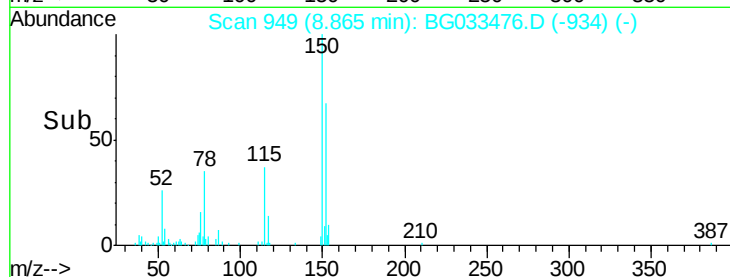
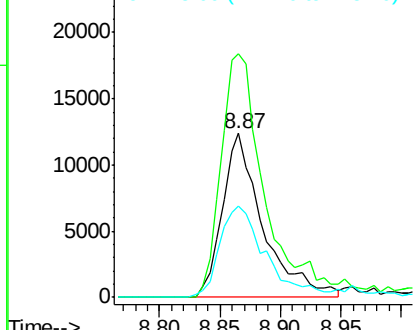
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :
TP-CD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.6	189.8
115	55.4	53.0	79.4



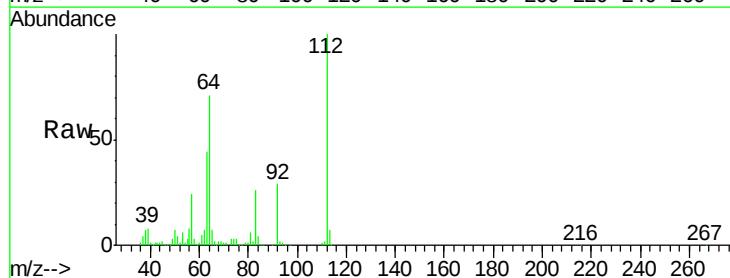
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



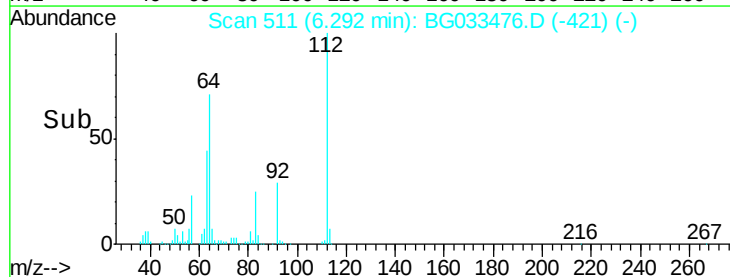
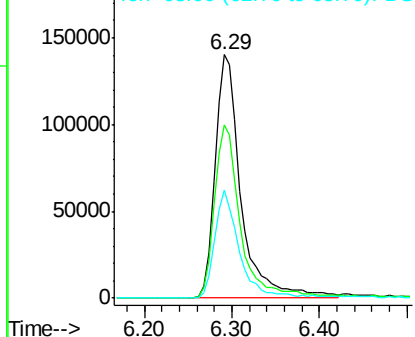
#5

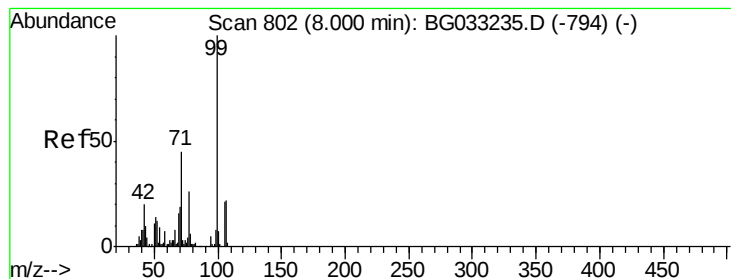
2-Fluorophenol
Concen: 187.447 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.3	84.5
63	44.3	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: 152.452 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033476.D

Acq: 31 Mar 2018 9:59

Instrument :

BNA_G

ClientSampleId :

TP-CD

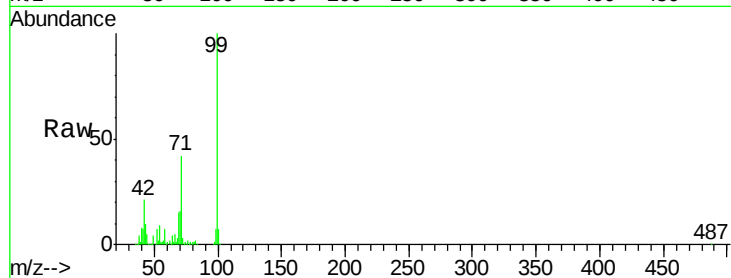
Tot Ion: 99 Resp: 401804

Ion Ratio Lower Upper

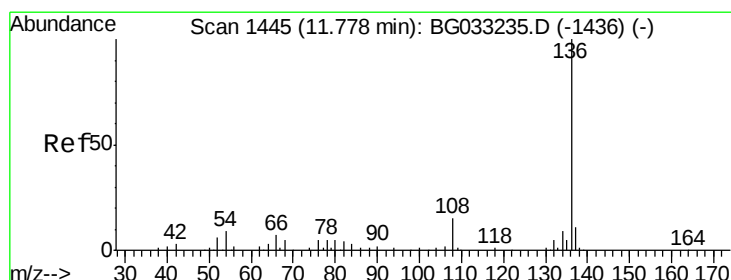
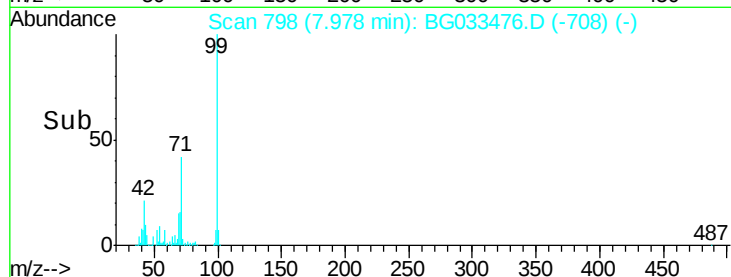
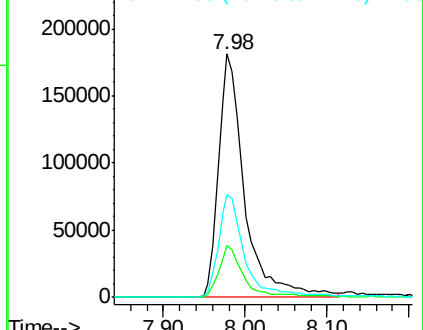
99 100

42 21.5 14.1 21.1#

71 42.2 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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033476.D

Acq: 31 Mar 2018 9:59

Tgt Ion: 136 Resp: 127742

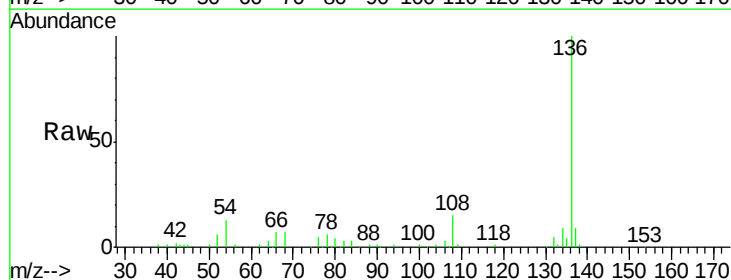
Ion Ratio Lower Upper

136 100

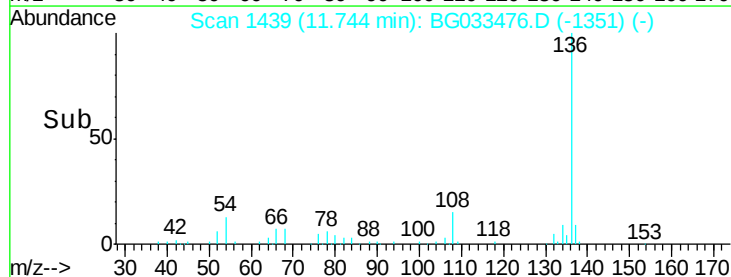
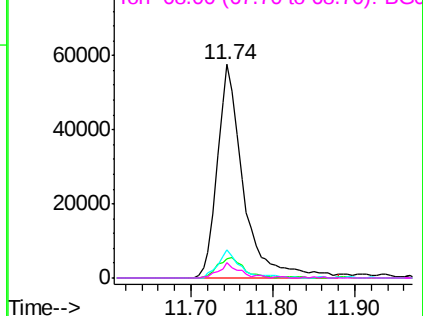
137 9.2 9.2 13.8

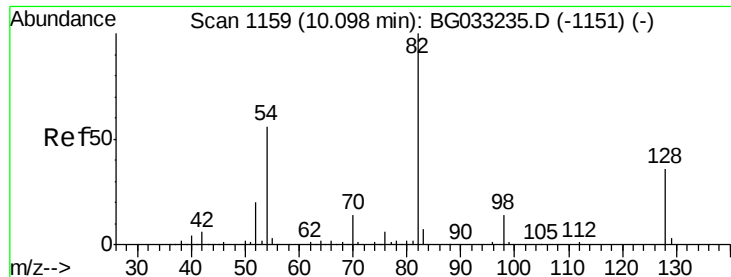
54 13.0 10.3 15.5

68 7.1 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

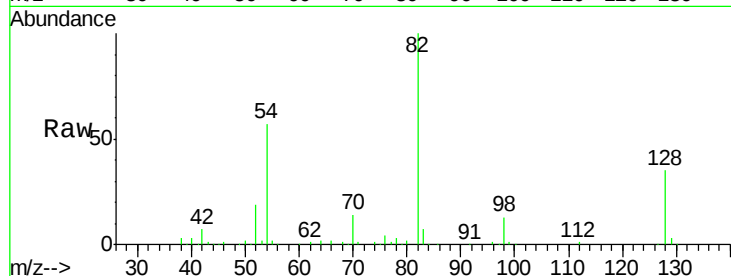




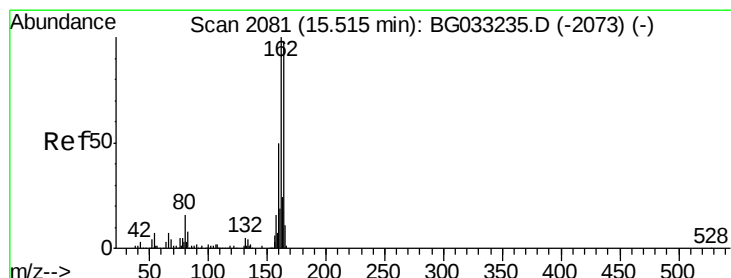
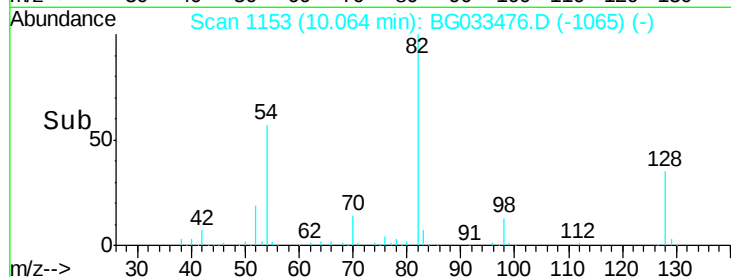
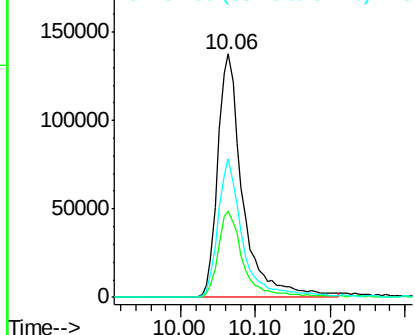
#23
Nitrobenzene-d5
Concen: 115.318 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Instrument :
BNA_G
ClientSampleId :
TP-CD

Tot Ion: 82 Resp: 320629
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 56.8 43.1 64.7

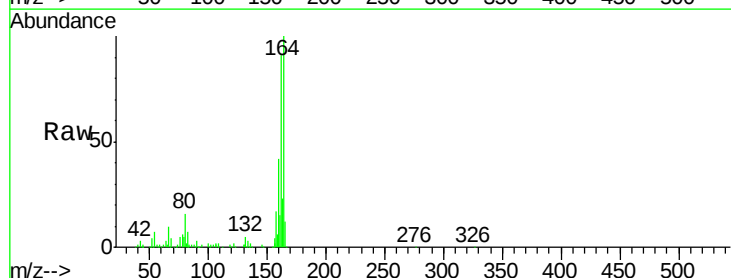


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

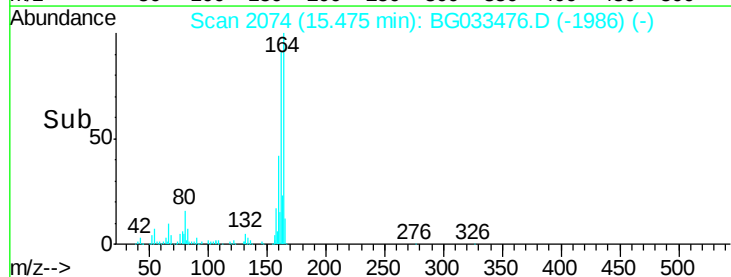
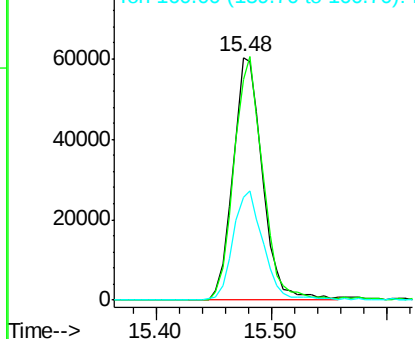


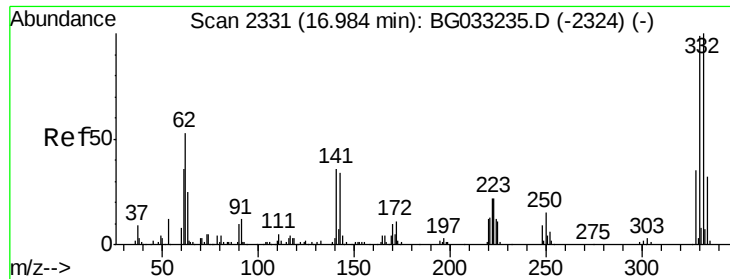
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion:164 Resp: 106449
Ion Ratio Lower Upper
164 100
162 90.8 78.8 118.2
160 42.2 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

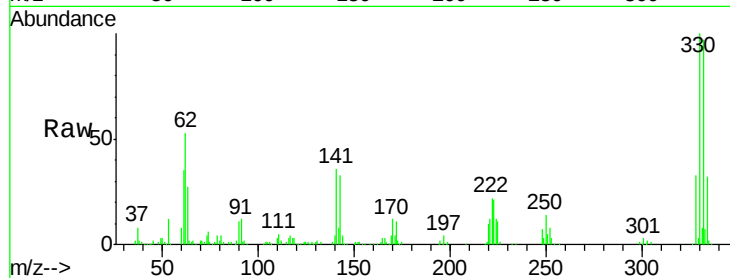




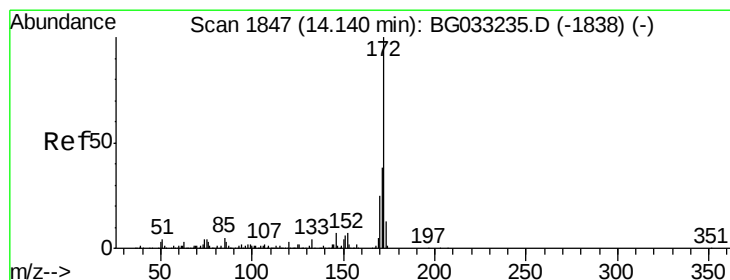
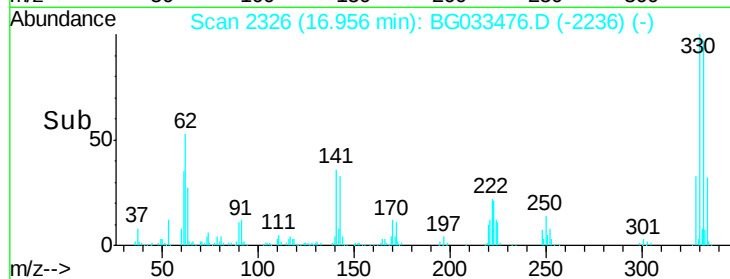
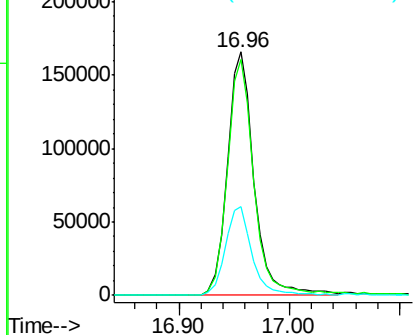
#41
 2,4,6-Tribromophenol
 Concen: 176.219 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033476.D
 Acq: 31 Mar 2018 9:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-CD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.3	25.2	37.8

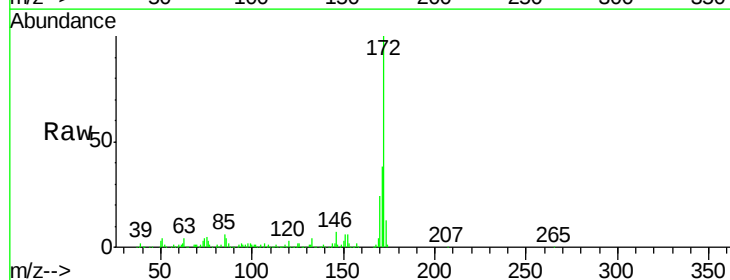


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

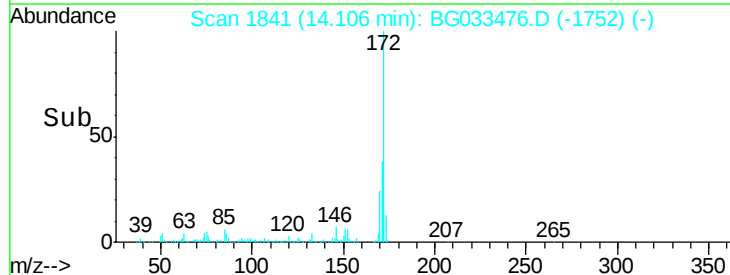
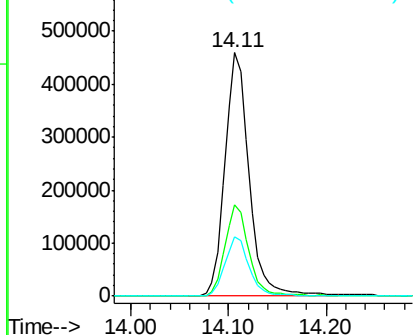


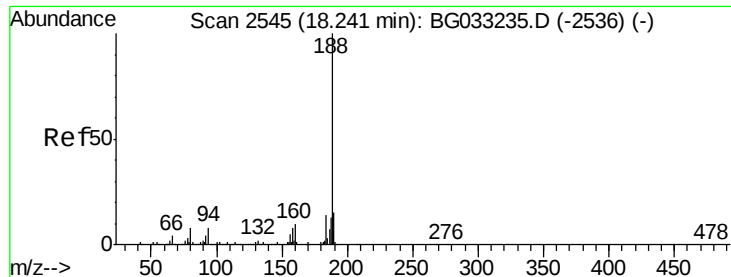
#44
 2-Fluorobiphenyl
 Concen: 107.328 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033476.D
 Acq: 31 Mar 2018 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.4	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

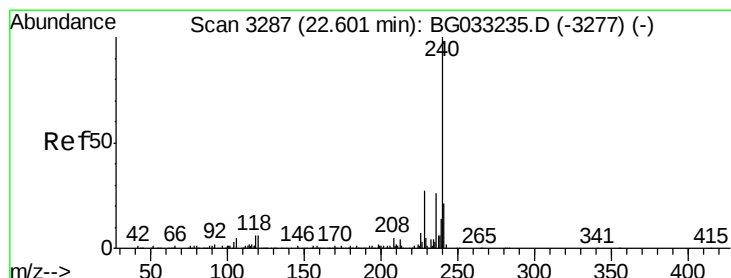
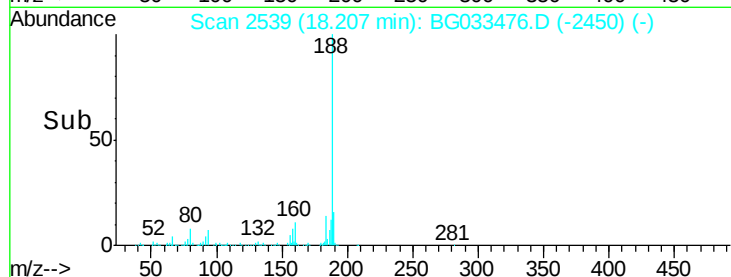
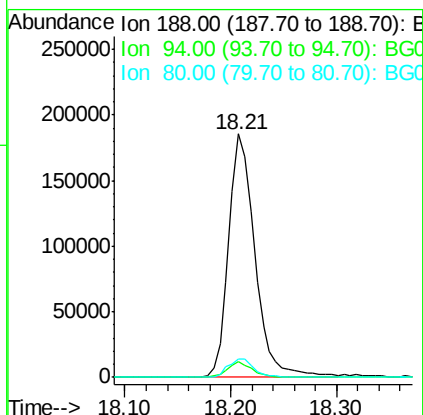
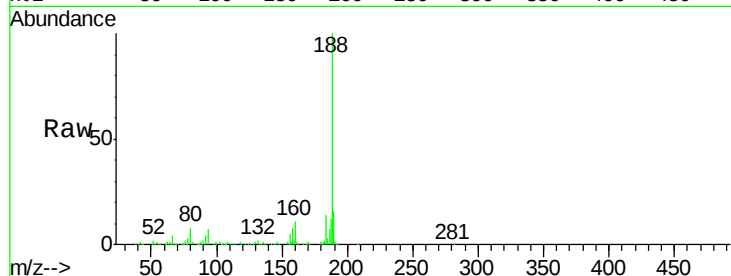




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

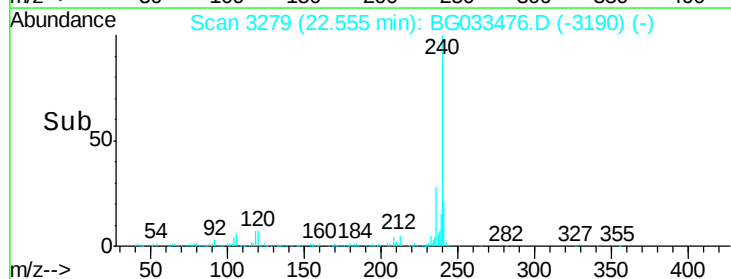
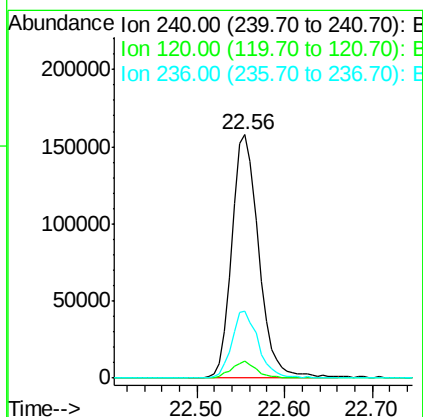
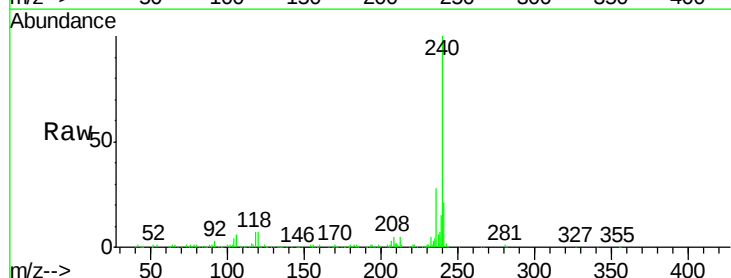
Instrument :
BNA_G
ClientSampled :
TP-CD

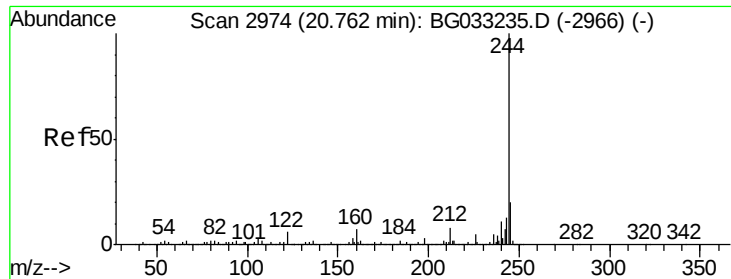
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.6	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033476.D
Acq: 31 Mar 2018 9:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	27.6	20.9	31.3





#78

Terphenyl-d14

Concen: 111.436 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033476.D

Acq: 31 Mar 2018 9:59

Instrument :

BNA_G

ClientSampleId :

TP-CD

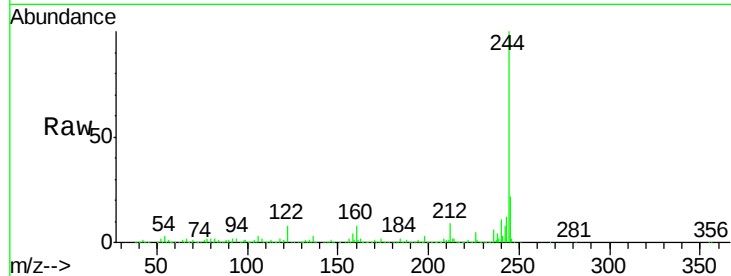
Tot Ion:244 Resp: 1722059

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

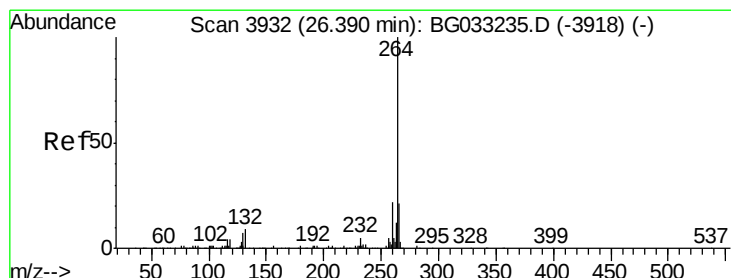
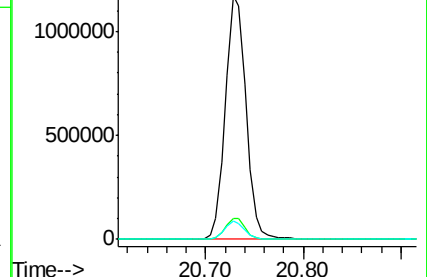
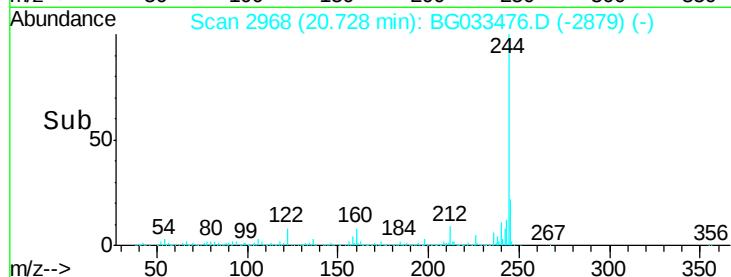
122 7.6 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033476.D

Acq: 31 Mar 2018 9:59

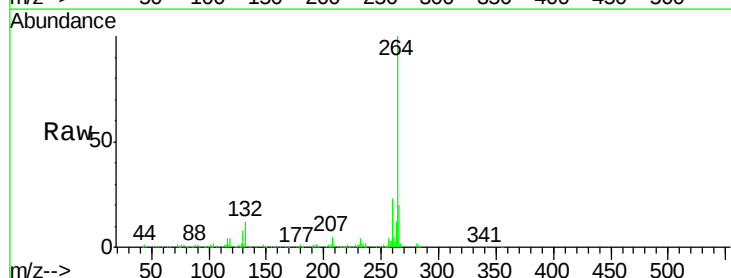
Tgt Ion:264 Resp: 350929

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 19.9 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

