

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033496.D
 Acq On : 2 Apr 2018 20:39
 Operator : SJ/JU
 Sample : PB107833BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107833BL

Quant Time: Apr 03 04:47:17 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	32350	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	142551	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	115026	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318063	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335750	20.00	ng	0.00
86) Perylene-d12	26.32	264	344690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	153428	88.93	ng	0.00
7) Phenol-d6	7.98	99	246769	83.25	ng	0.00
23) Nitrobenzene-d5	10.06	82	233509	75.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	123746	71.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	601171	75.45	ng	0.00
78) Terphenyl-d14	20.73	244	1122148	71.48	ng	0.00

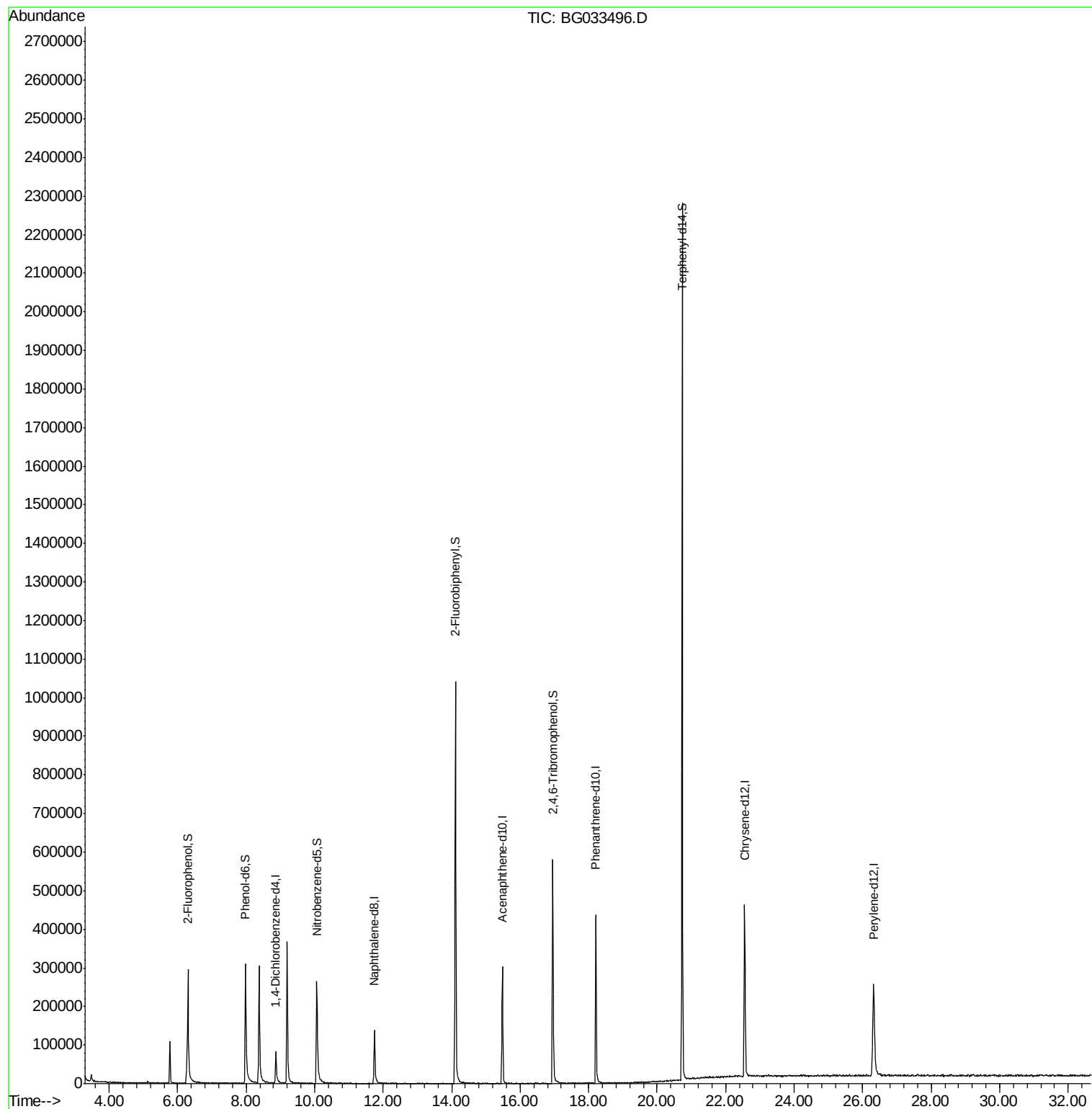
Target Compounds Qvalue

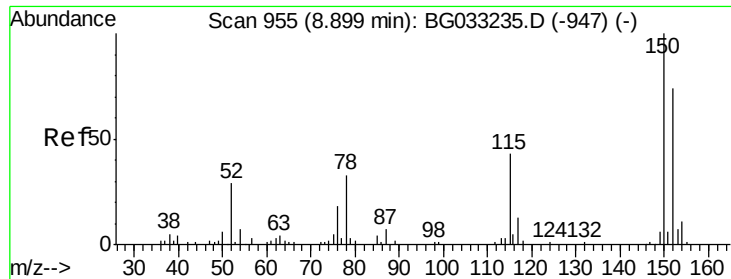
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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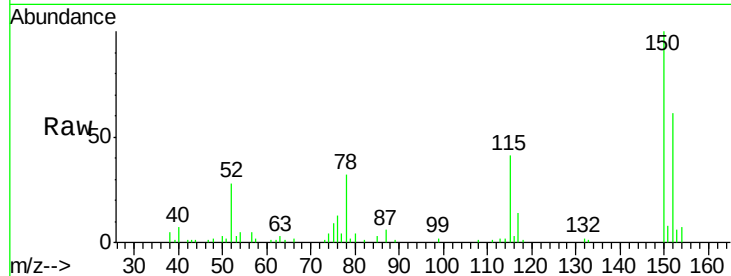


#1

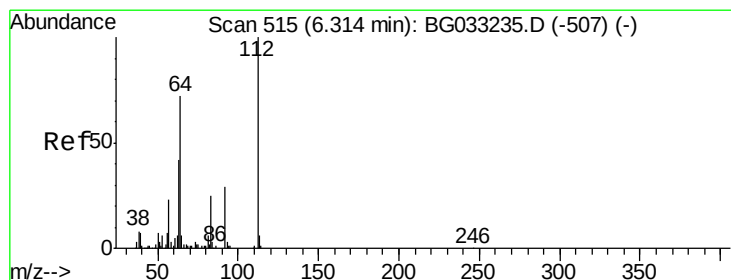
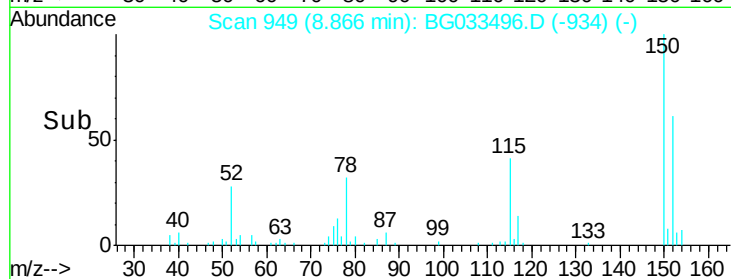
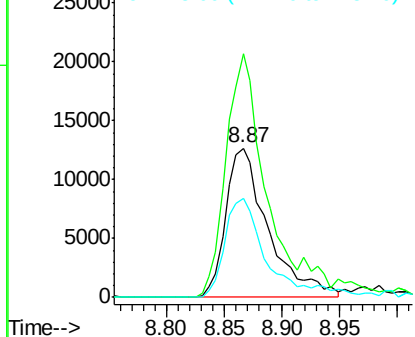
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Instrument :
BNA_G
ClientSampleId :
PB107833BL

Tot Ion:152 Resp: 32350
Ion Ratio Lower Upper
152 100
150 163.2 126.6 189.8
115 66.4 53.0 79.4



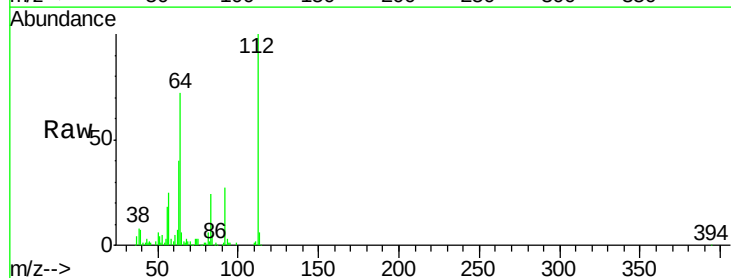
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



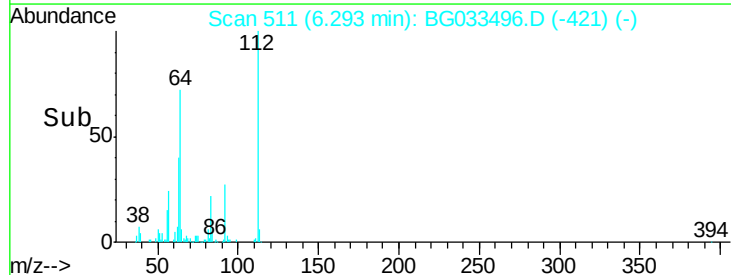
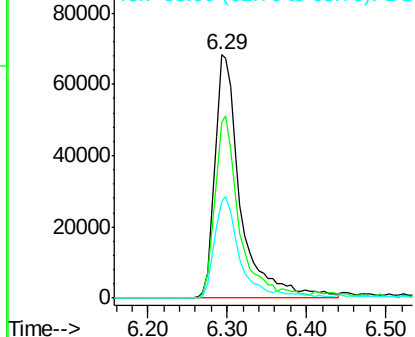
#5

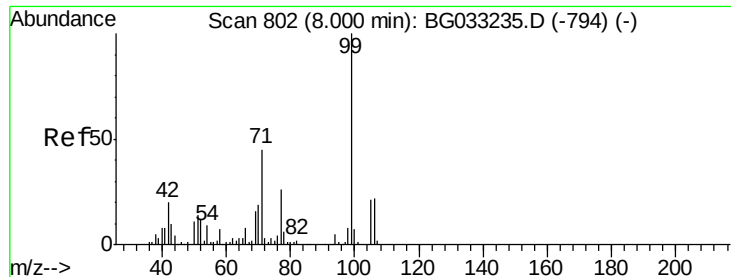
2-Fluorophenol
Concen: 88.932 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033496.D
Acq: 2 Apr 2018 20:39

Tgt Ion:112 Resp: 153428
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 39.9 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: 83.247 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Instrument :

BNA_G

ClientSampleId :

PB107833BL

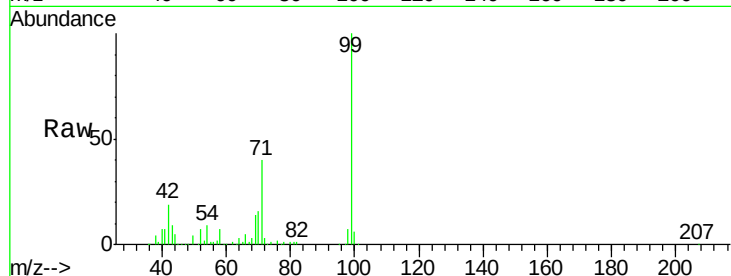
Tot Ion: 99 Resp: 246769

Ion Ratio Lower Upper

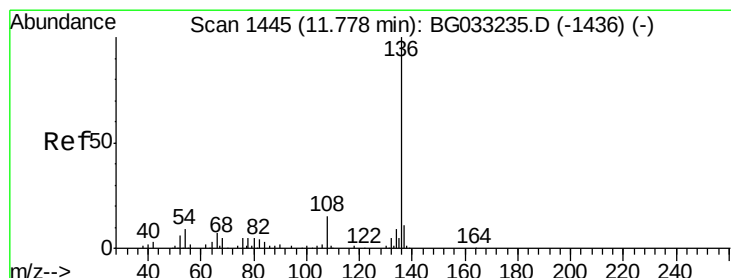
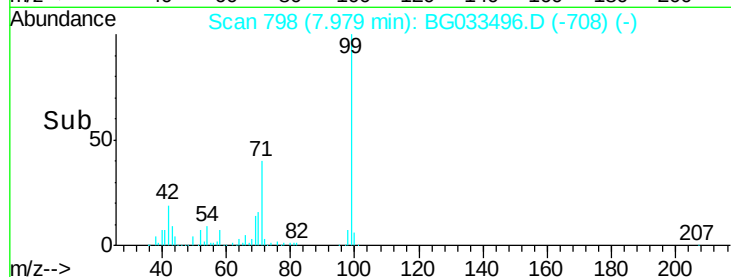
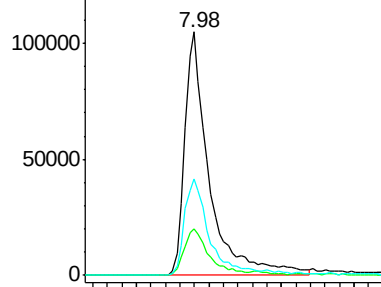
99 100

42 18.9 14.1 21.1

71 39.6 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# 1439

Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Tgt Ion: 136 Resp: 142551

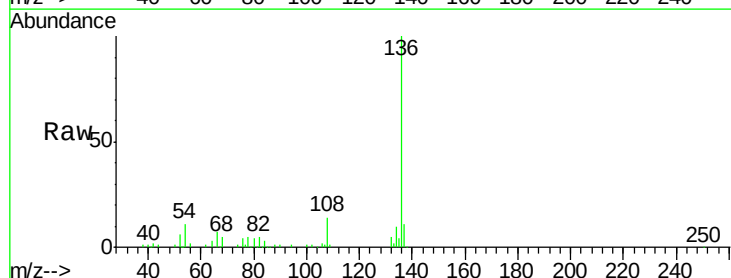
Ion Ratio Lower Upper

136 100

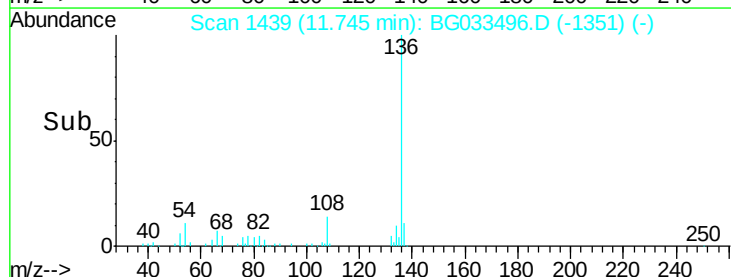
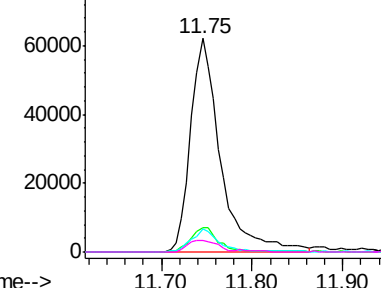
137 11.2 9.2 13.8

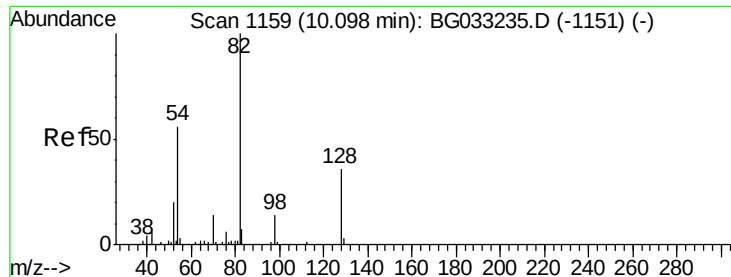
54 10.7 10.3 15.5

68 5.2 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

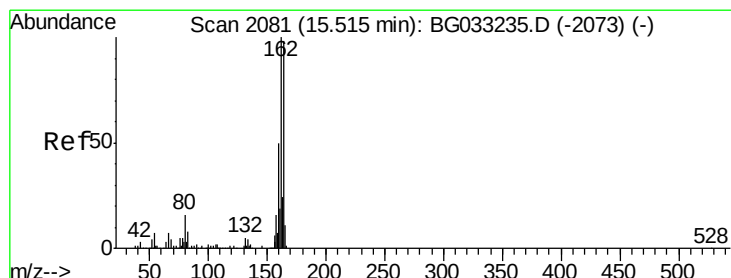
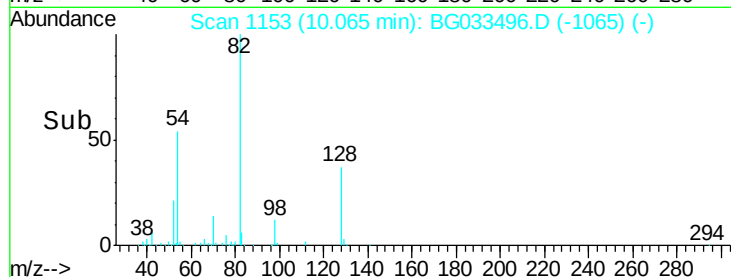
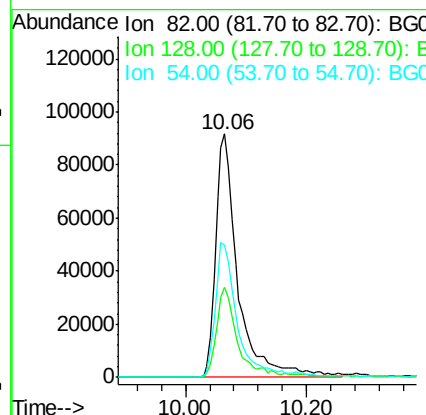
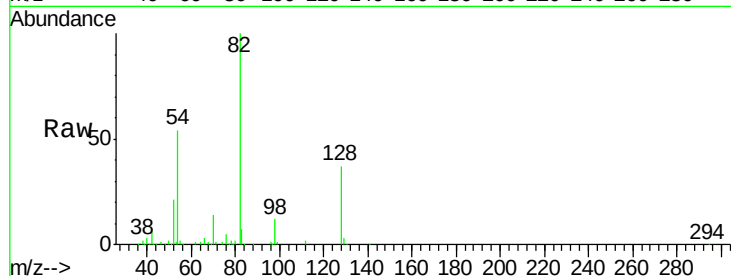




#23
 Nitrobenzene-d5
 Concen: 75.260 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

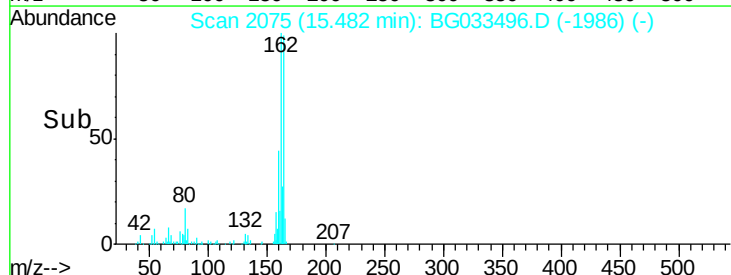
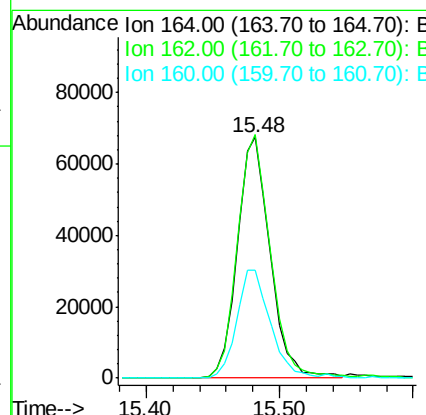
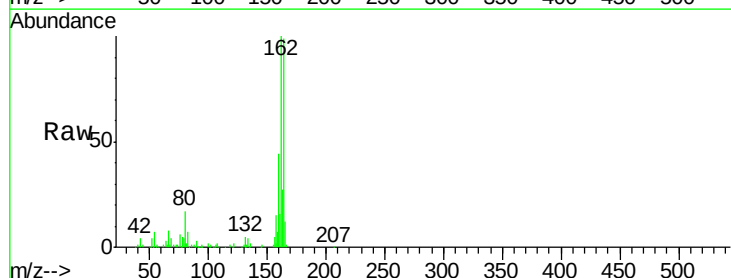
Instrument :
 BNA_G
 ClientSampleId :
 PB107833BL

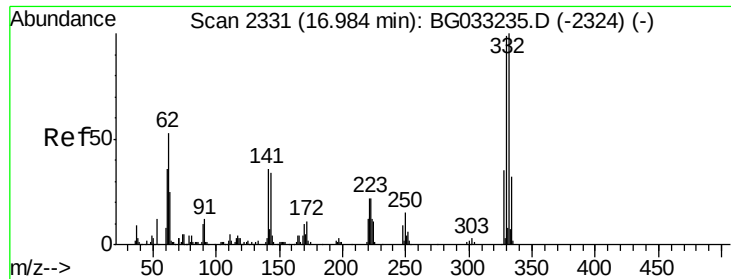
Tot Ion	82	Resp	233509
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.7	44.5
54	54.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Tgt Ion	164	Resp	115026
Ion Ratio	Lower	Upper	
164	100		
162	101.2	78.8	118.2
160	44.8	35.4	53.0

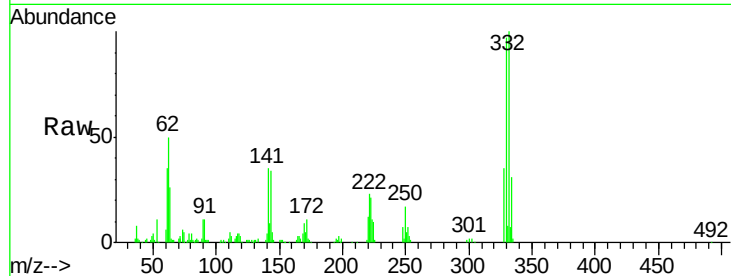




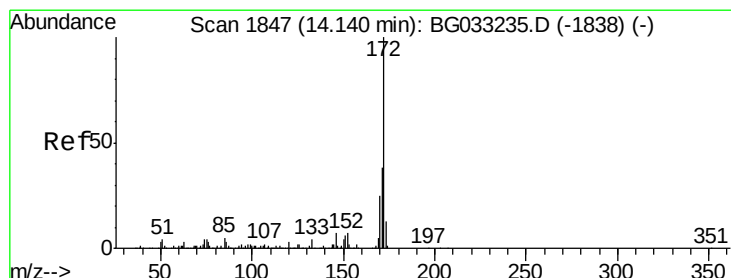
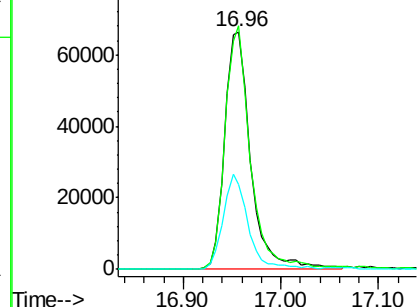
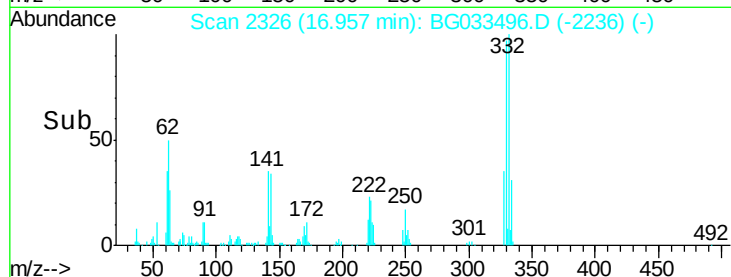
#41
 2,4,6-Tribromophenol
 Concen: 71.931 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107833BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	38.2	25.2	37.8#

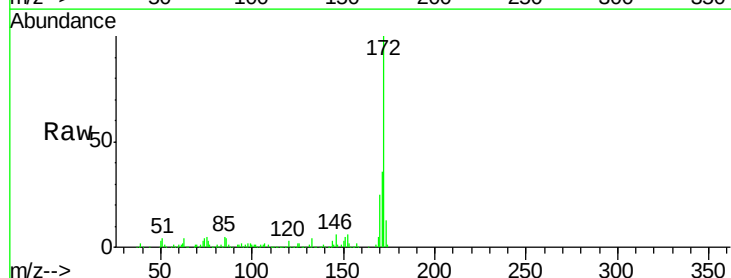


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

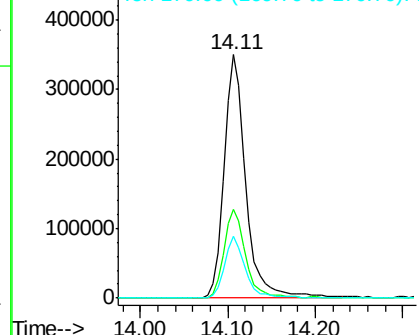
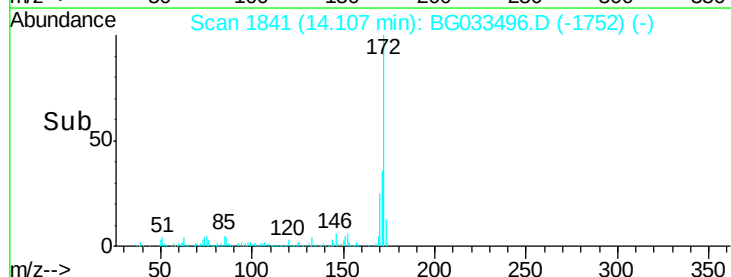


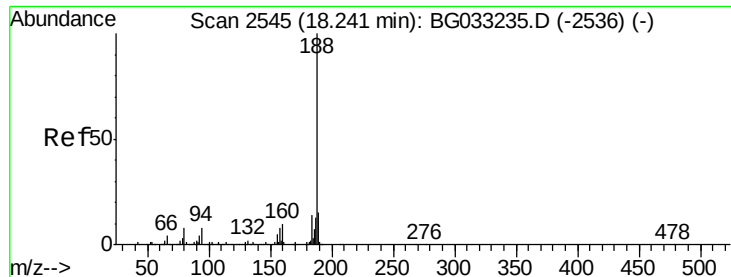
#44
 2-Fluorobiphenyl
 Concen: 75.450 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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# 2539

Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

Instrument :

BNA_G

ClientSampleId :

PB107833BL

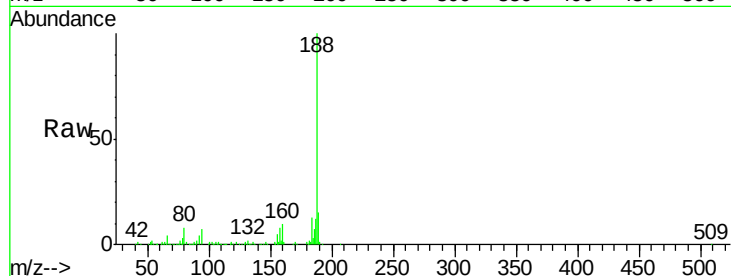
Tot Ion:188 Resp: 318063

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

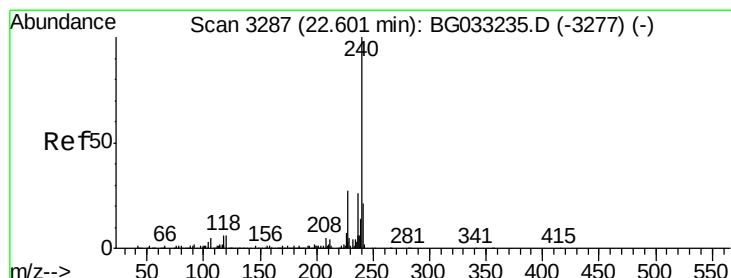
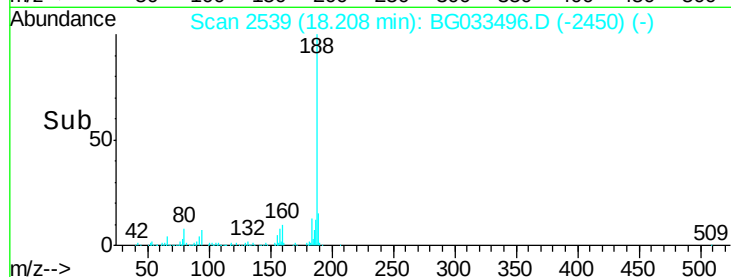
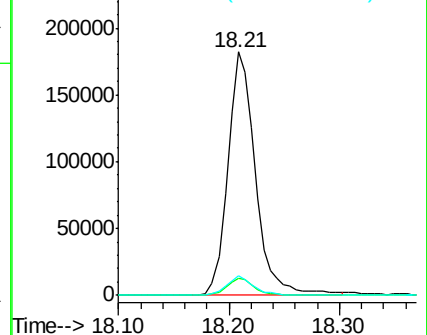
80 8.0 7.7 11.5



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: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033496.D

Acq: 2 Apr 2018 20:39

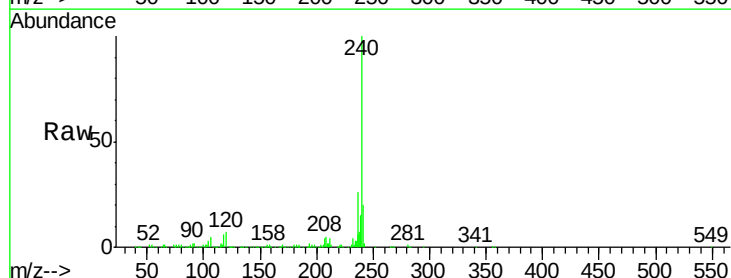
Tgt Ion:240 Resp: 335750

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

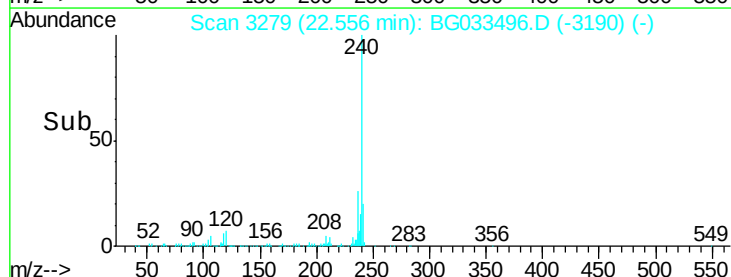
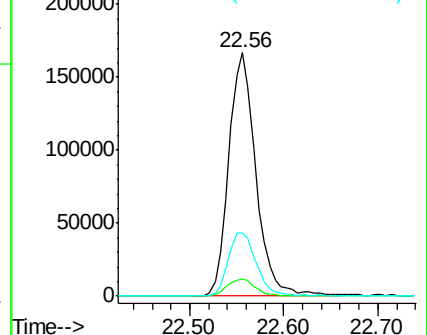
236 26.1 20.9 31.3

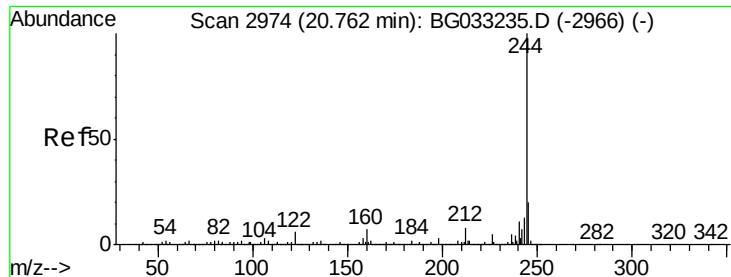


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



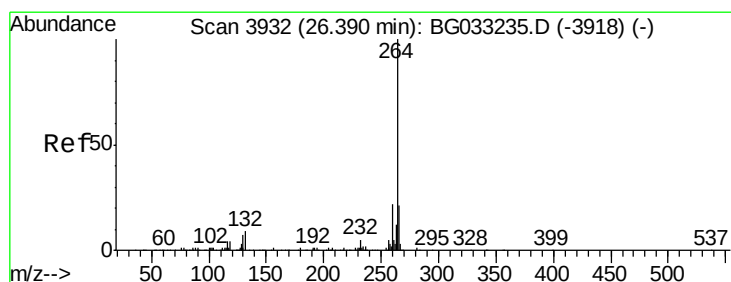
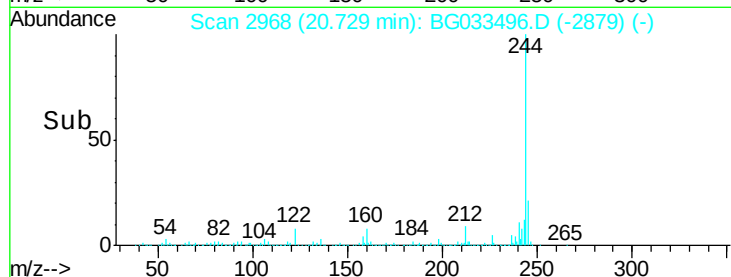
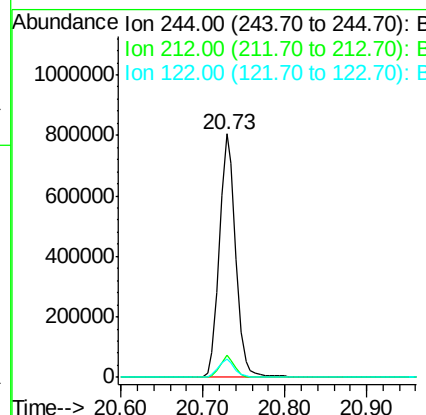
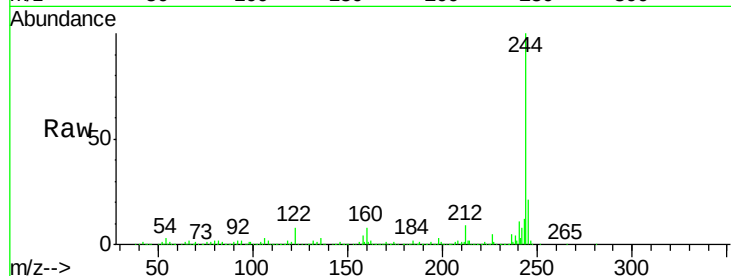


#78
 Terphenyl-d14
 Concen: 71.477 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Instrument :
 BNA_G
 ClientSampleId :
 PB107833BL

Tot Ion:244 Resp: 1122148

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.5	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033496.D
 Acq: 2 Apr 2018 20:39

Tgt Ion:264 Resp: 344690

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.8	17.7	26.5

