

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033288.D
 Acq On : 21 Mar 2018 5:12
 Operator : SJ/JU
 Sample : PB107504TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107504TB

Quant Time: Mar 21 06:44:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	34637	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151274	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115088	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322907	20.00	ng	0.00
75) Chrysene-d12	22.60	240	336343	20.00	ng	0.00
86) Perylene-d12	26.40	264	347724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	303327	164.21	ng	0.00
7) Phenol-d6	7.99	99	436039	137.38	ng	0.00
23) Nitrobenzene-d5	10.09	82	282796	85.89	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	164663	95.66	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	708787	88.91	ng	0.00
78) Terphenyl-d14	20.76	244	1386570	88.16	ng	0.00

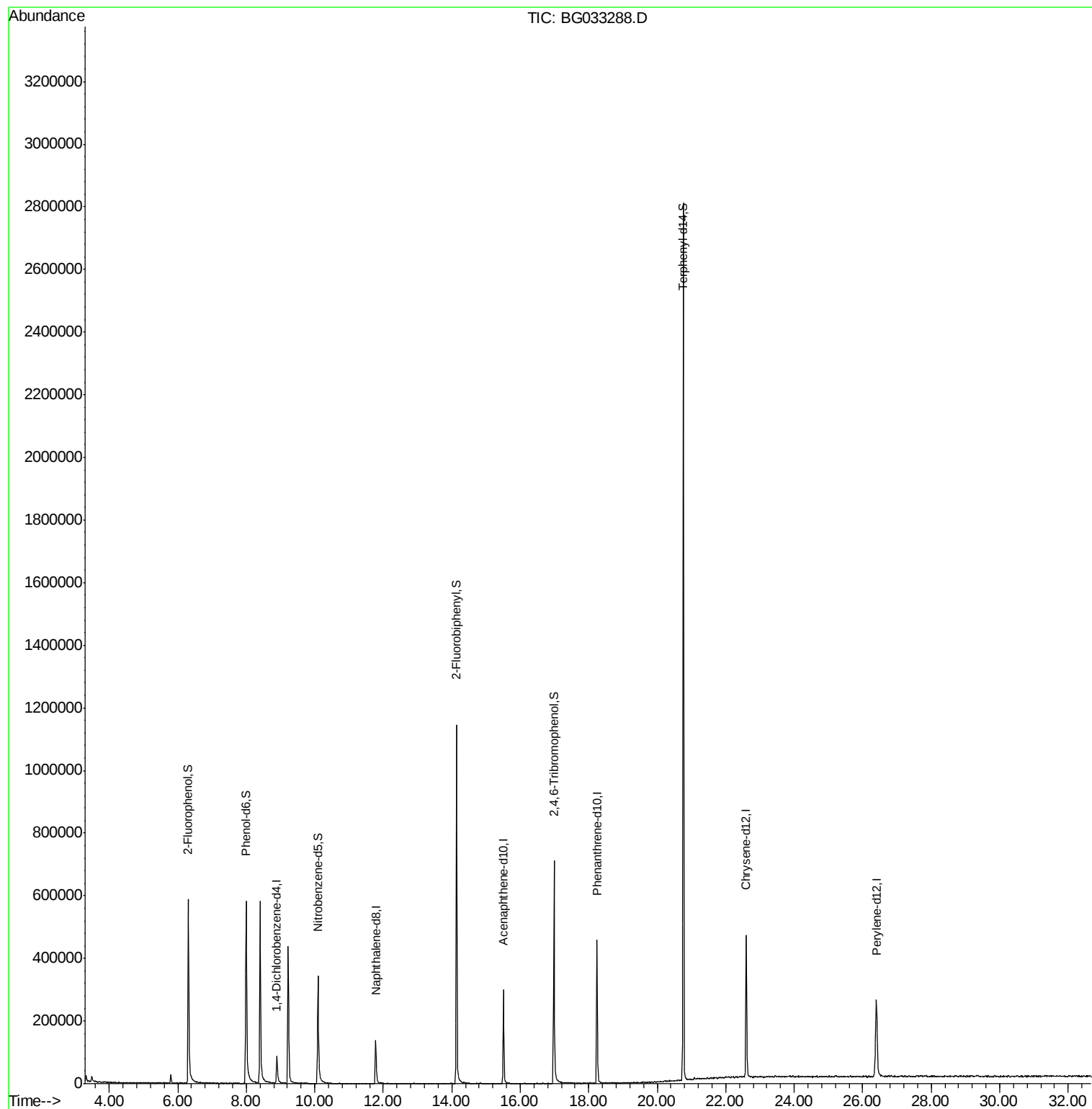
Target Compounds Qvalue

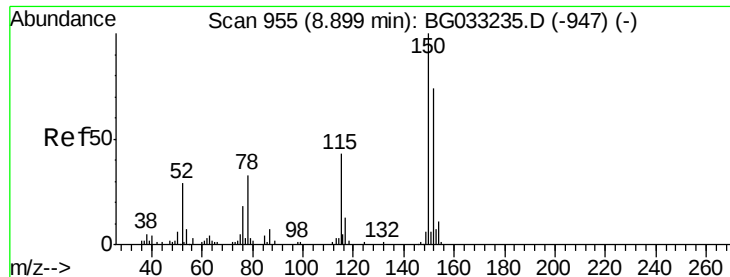
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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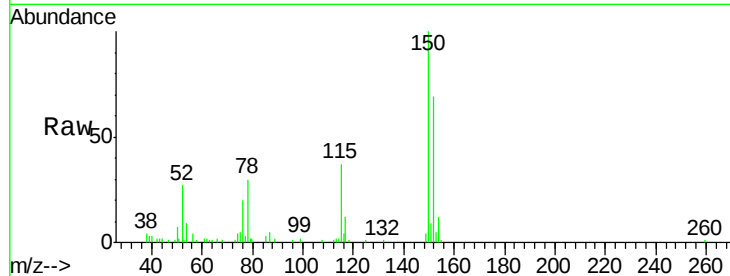


#1

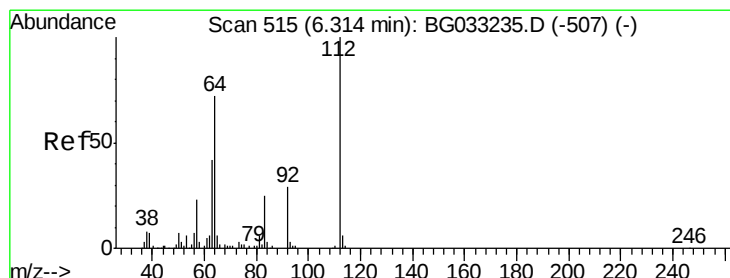
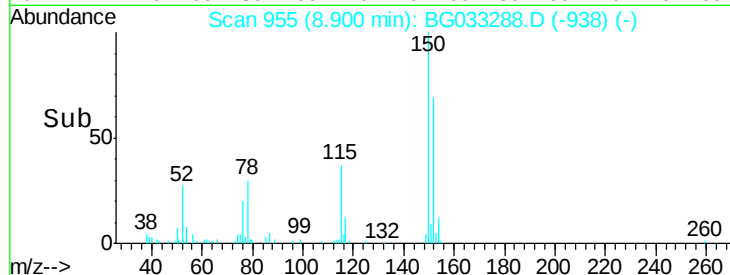
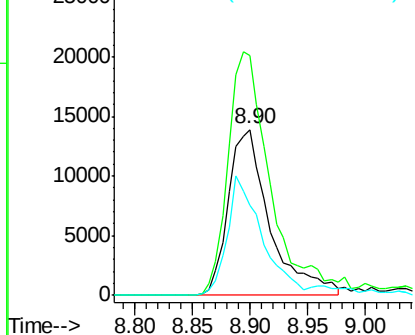
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033288.D
Acq: 21 Mar 2018 5:12

Instrument :
BNA_G
ClientSampleId :
PB107504TB

Tot Ion:152 Resp: 34637
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 54.0 53.0 79.4



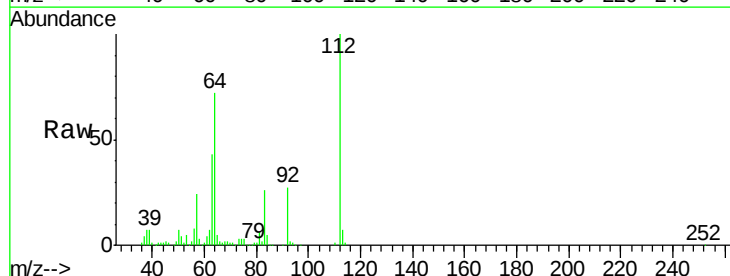
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



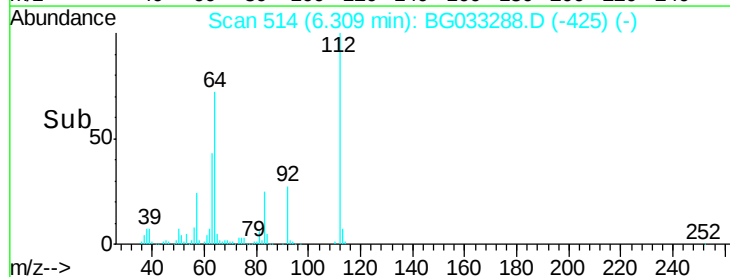
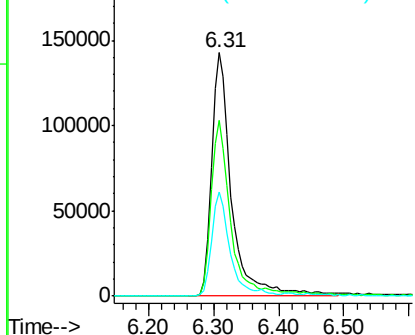
#5

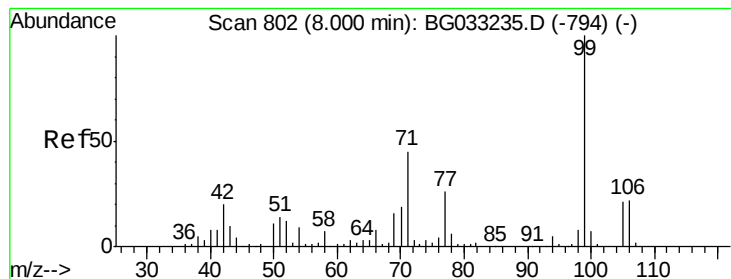
2-Fluorophenol
Concen: 164.210 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033288.D
Acq: 21 Mar 2018 5:12

Tgt Ion:112 Resp: 303327
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 42.8 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: 137.385 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033288.D

Acq: 21 Mar 2018 5:12

Instrument :

BNA_G

ClientSampleId :

PB107504TB

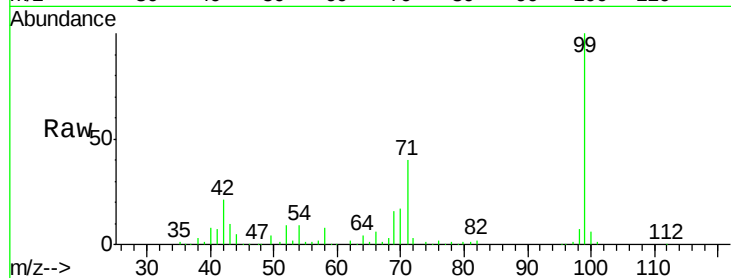
Tot Ion: 99 Resp: 436039

Ion Ratio Lower Upper

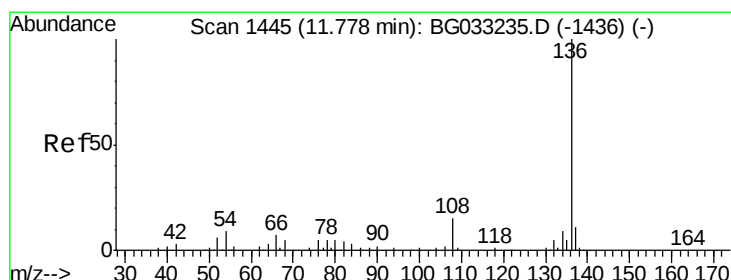
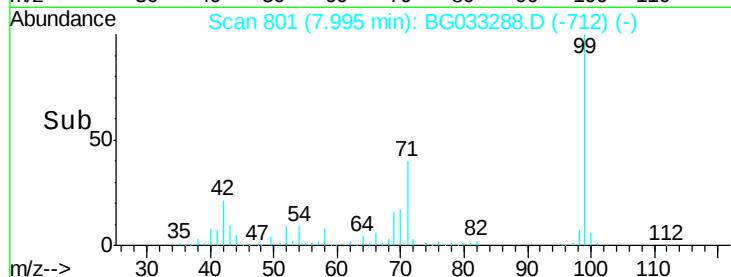
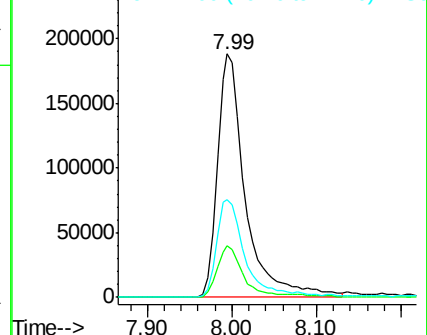
99 100

42 21.1 14.1 21.1

71 40.2 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: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033288.D

Acq: 21 Mar 2018 5:12

Tgt Ion: 136 Resp: 151274

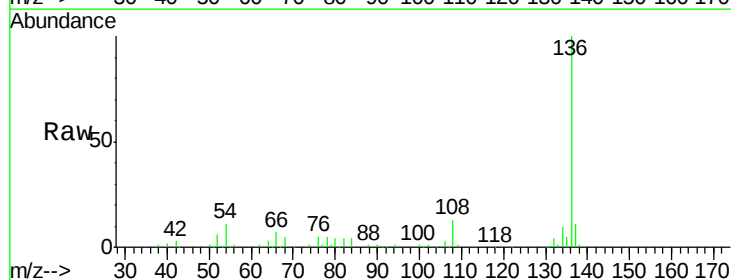
Ion Ratio Lower Upper

136 100

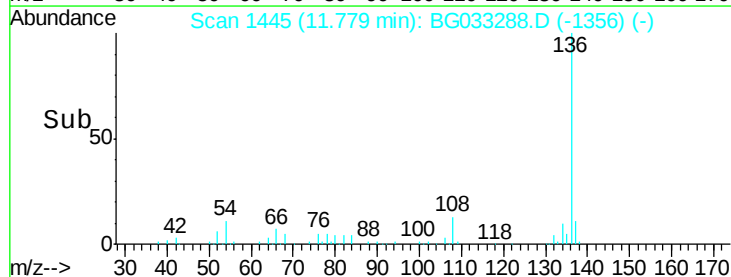
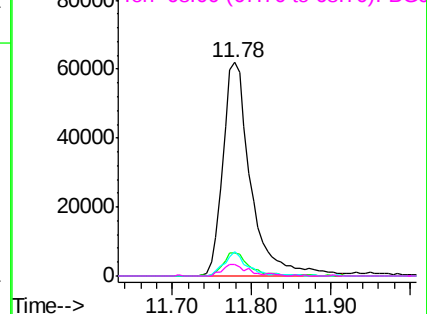
137 10.7 9.2 13.8

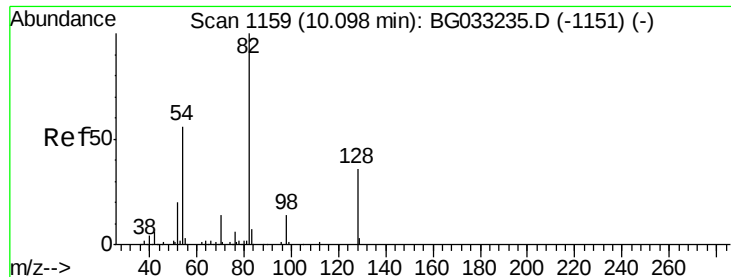
54 11.3 10.3 15.5

68 5.3 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

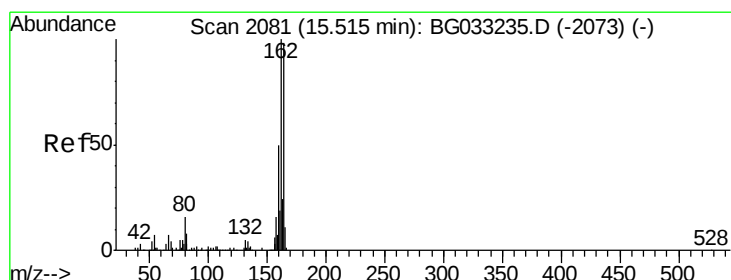
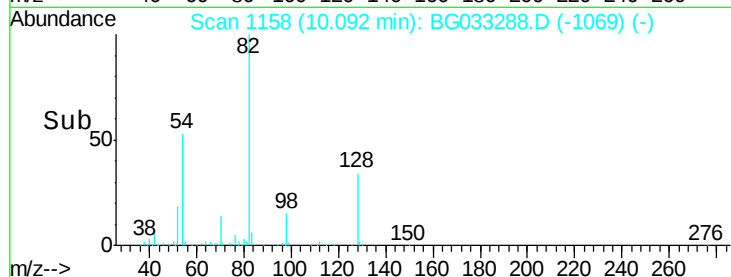
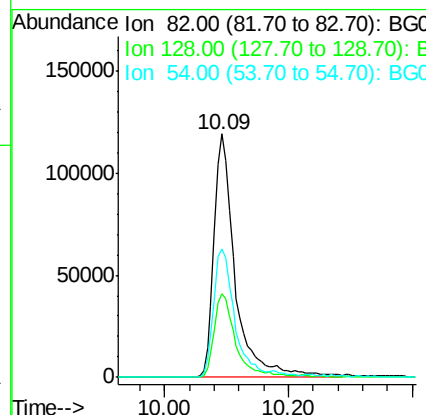
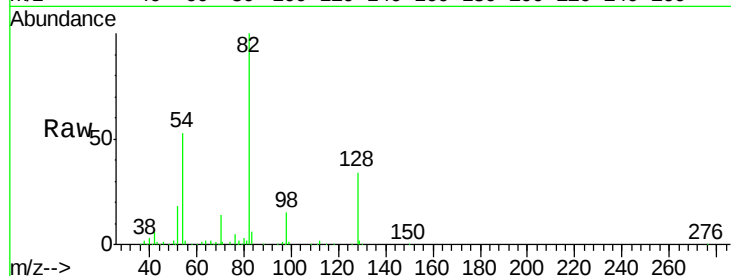




#23
 Nitrobenzene-d5
 Concen: 85.889 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033288.D
 Acq: 21 Mar 2018 5:12

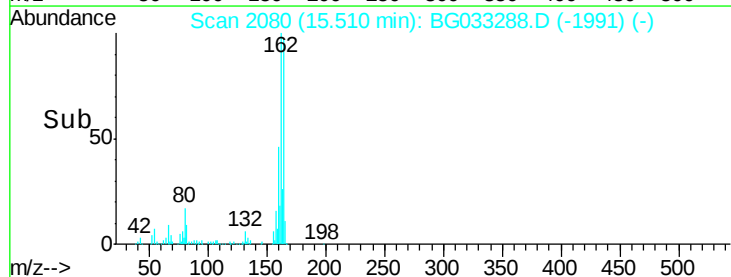
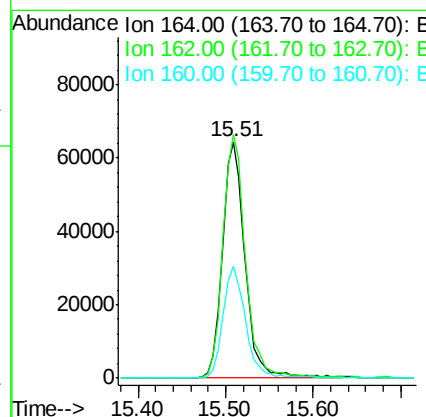
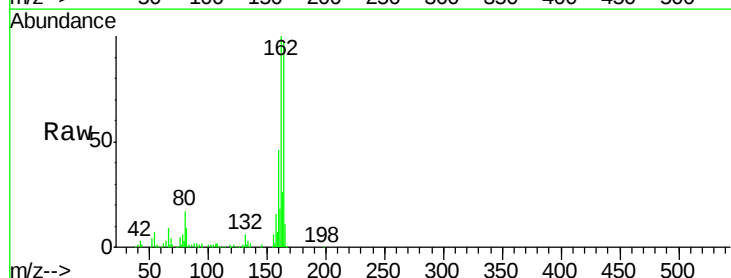
Instrument :
 BNA_G
 ClientSampleId :
 PB107504TB

Tot Ion	82	Resp	282796
Ion Ratio	Lower	Upper	
82	100		
128	34.3	29.7	44.5
54	52.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033288.D
 Acq: 21 Mar 2018 5:12

Tgt Ion	164	Resp	115088
Ion Ratio	Lower	Upper	
164	100		
162	102.9	78.8	118.2
160	47.1	35.4	53.0

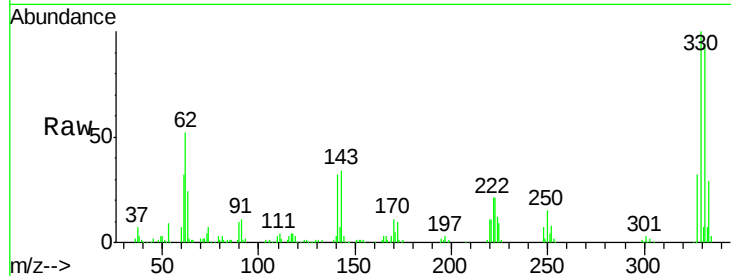




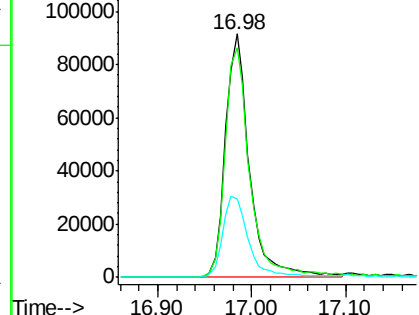
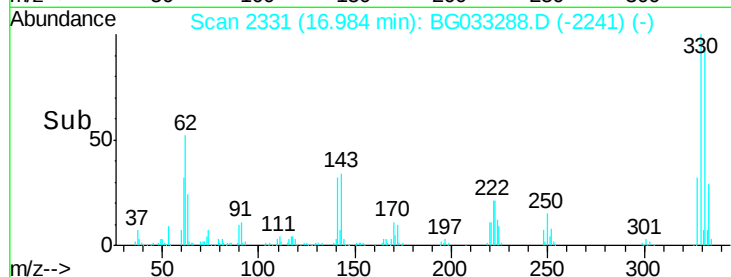
#41
 2,4,6-Tribromophenol
 Concen: 95.663 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033288.D
 Acq: 21 Mar 2018 5:12

Instrument :
 BNA_G
 ClientSampleId :
 PB107504TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.2	25.2	37.8

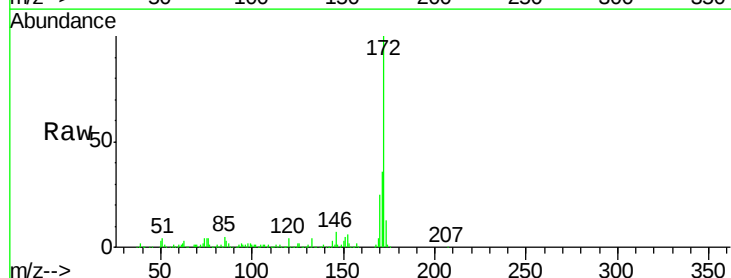


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

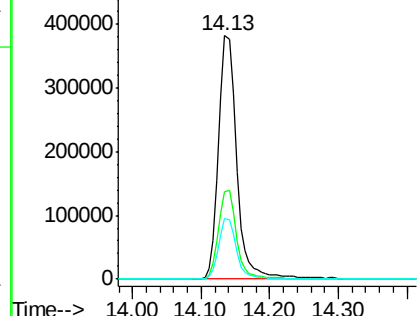
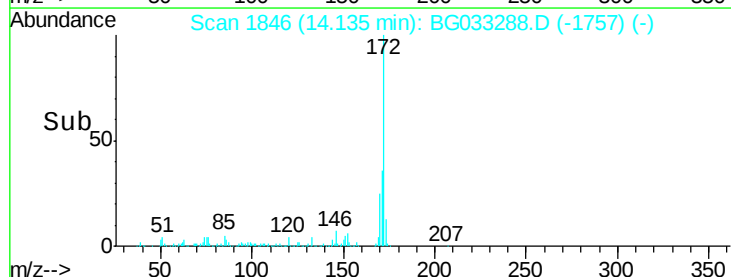


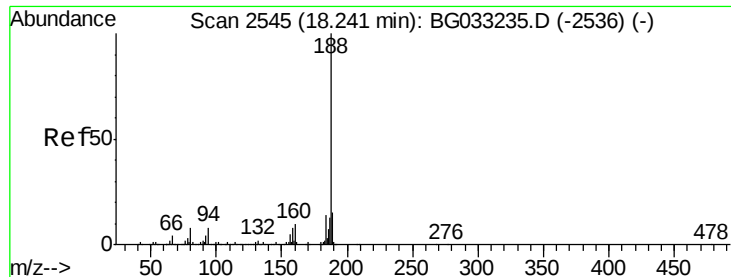
#44
 2-Fluorobiphenyl
 Concen: 88.908 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033288.D
 Acq: 21 Mar 2018 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	24.8	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

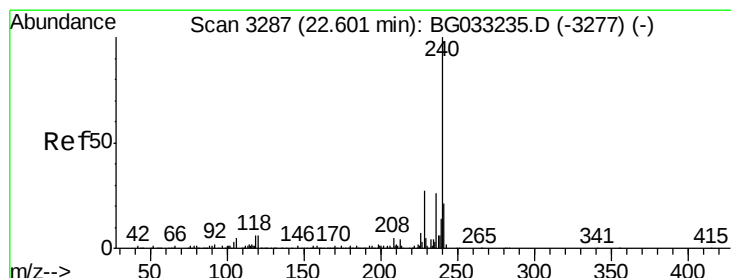
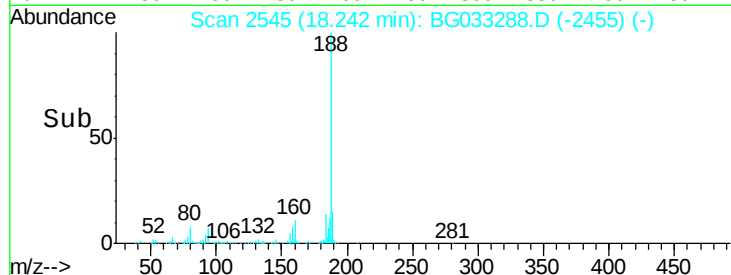
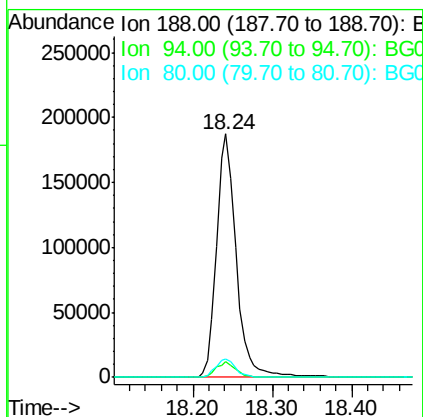
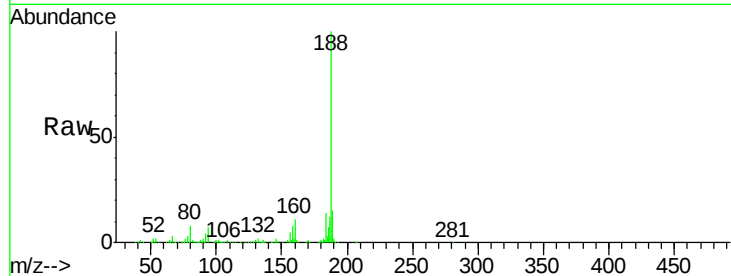




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033288.D
Acq: 21 Mar 2018 5:12

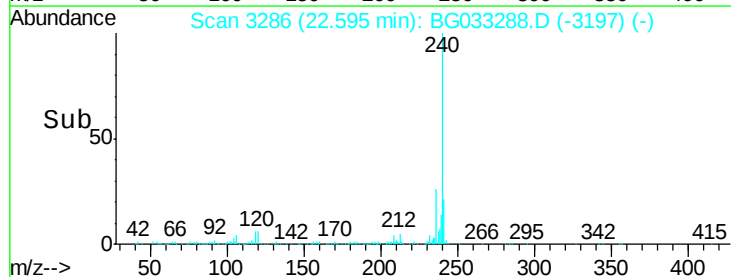
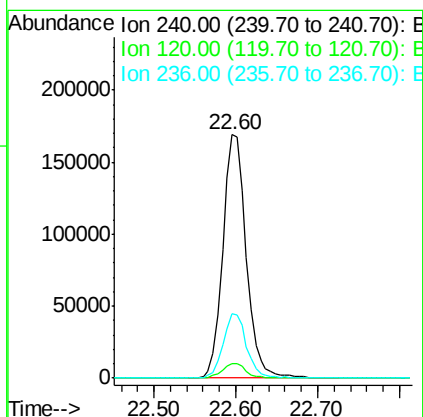
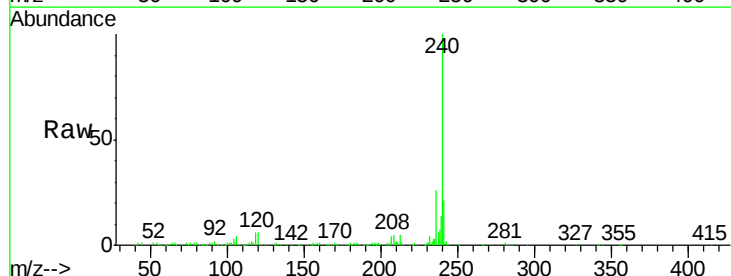
Instrument :
BNA_G
ClientSampleId :
PB107504TB

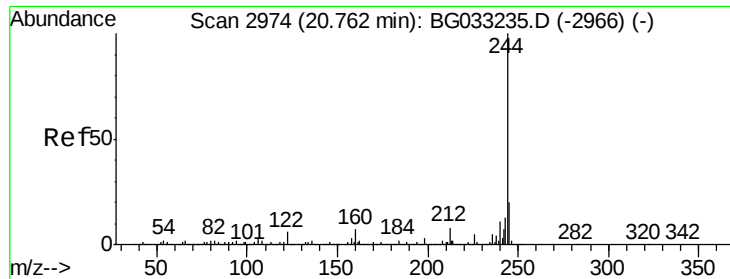
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.7	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033288.D
Acq: 21 Mar 2018 5:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 88.164 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033288.D

Acq: 21 Mar 2018 5:12

Instrument :

BNA_G

ClientSampleId :

PB107504TB

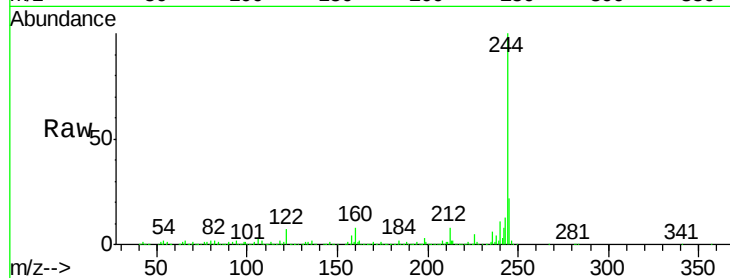
Tot Ion:244 Resp: 1386570

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

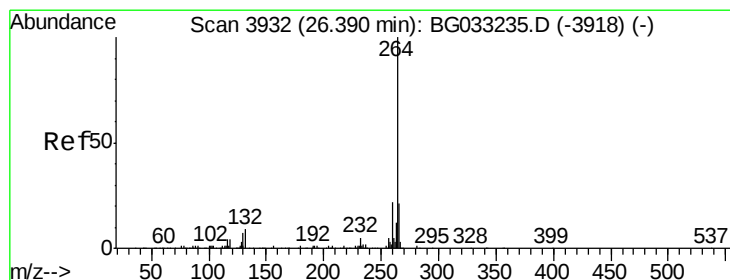
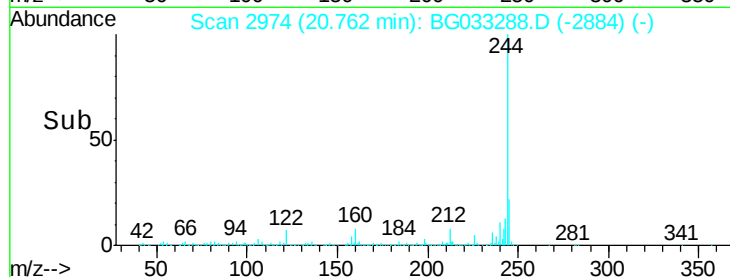
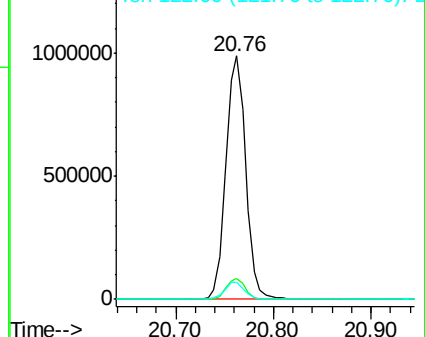
122 7.2 7.0 10.4



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: 26.40 min Scan# 3934

Delta R.T. 0.01 min

Lab File: BG033288.D

Acq: 21 Mar 2018 5:12

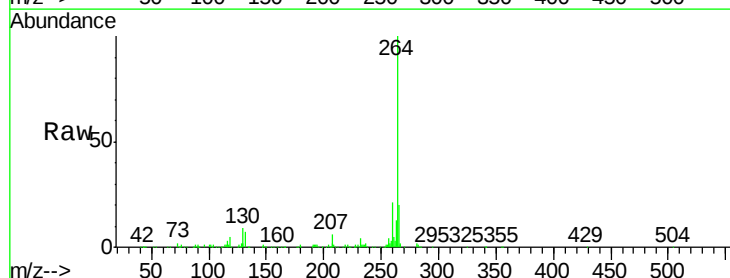
Tgt Ion:264 Resp: 347724

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 20.1 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

