

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033304.D
 Acq On : 22 Mar 2018 21:05
 Operator : SJ/JU
 Sample : J1995-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-A-0-5

Quant Time: Mar 23 04:49:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	37267	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	151232	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	122271	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	335278	20.00	ng	0.00
75) Chrysene-d12	22.59	240	335291	20.00	ng	0.00
86) Perylene-d12	26.38	264	334603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	305260	153.59	ng	0.00
7) Phenol-d6	7.99	99	422921	123.85	ng	0.00
23) Nitrobenzene-d5	10.09	82	331262	100.64	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	255195	139.55	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	819019	96.70	ng	0.00
78) Terphenyl-d14	20.76	244	1608208	102.58	ng	0.00

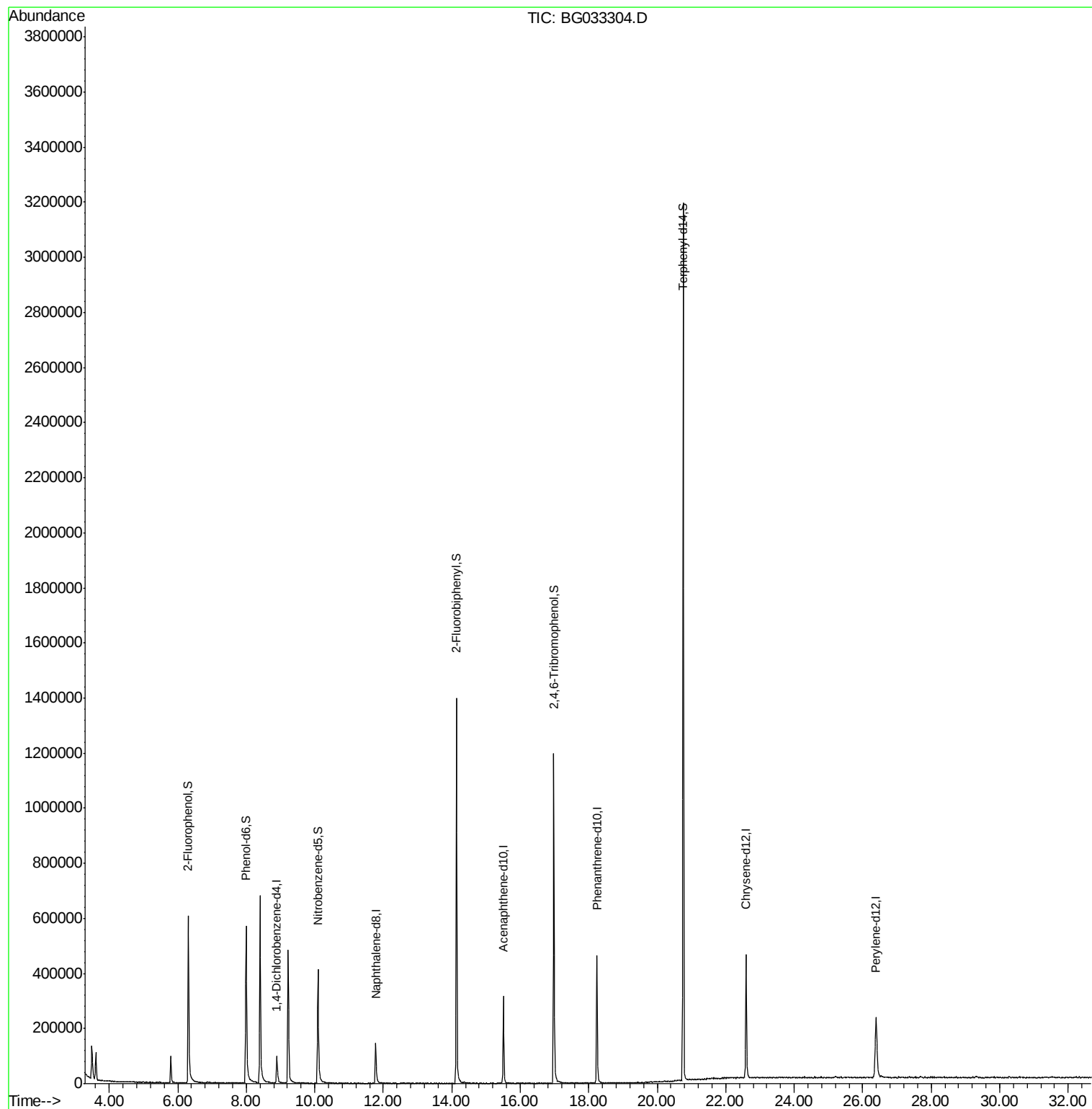
Target Compounds Qvalue

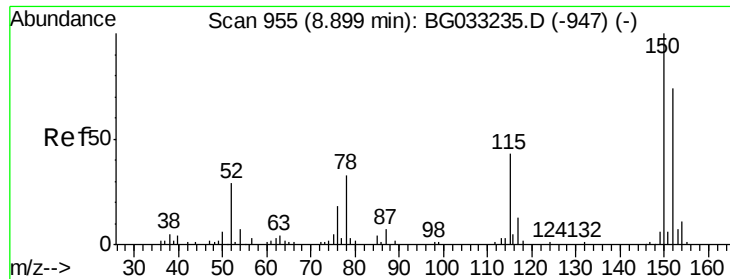
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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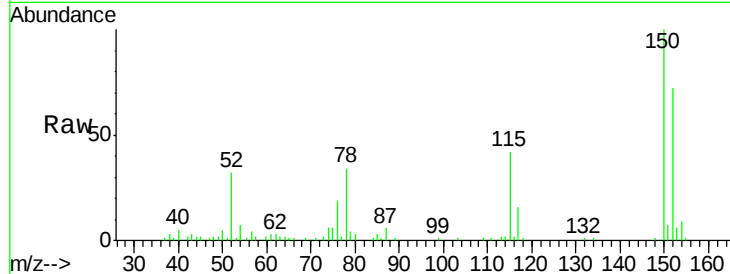


#1

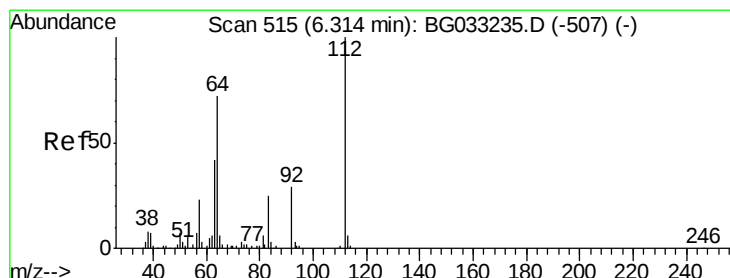
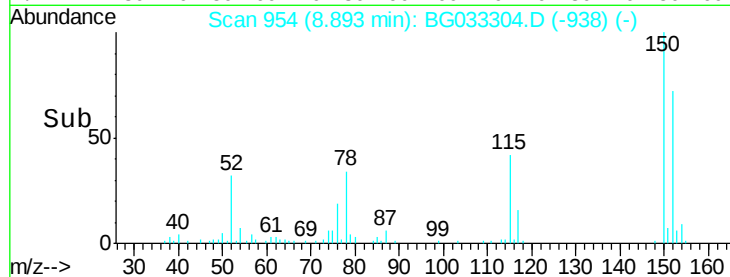
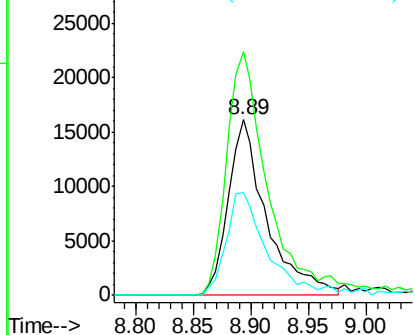
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033304.D
Acq: 22 Mar 2018 21:05

Instrument :
BNA_G
ClientSampleId :
PIT-A-0-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	126.6	189.8
115	58.3	53.0	79.4



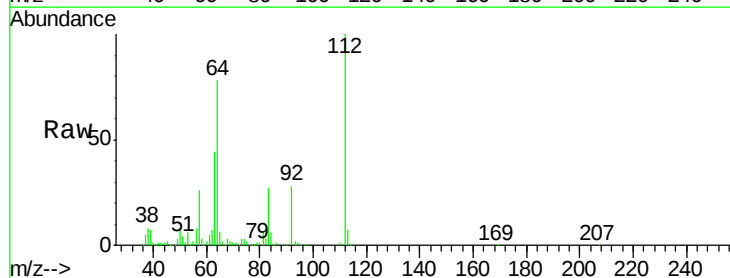
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



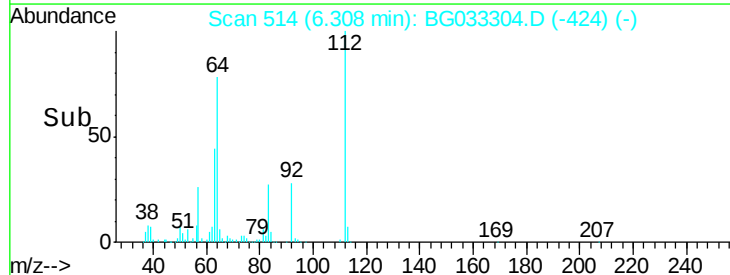
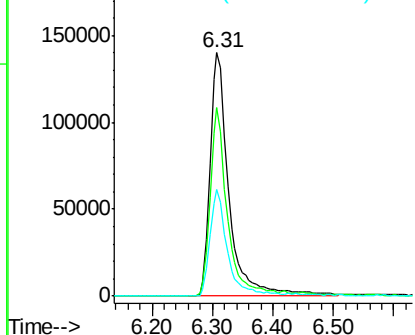
#5

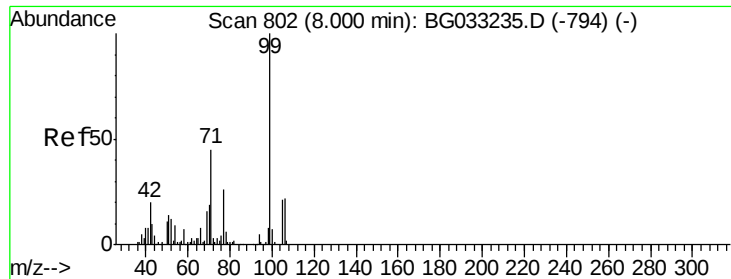
2-Fluorophenol
Concen: 153.594 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033304.D
Acq: 22 Mar 2018 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.7	56.3	84.5
63	43.8	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: 123.848 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033304.D

Acq: 22 Mar 2018 21:05

Instrument :

BNA_G

ClientSampleId :

PIT-A-0-5

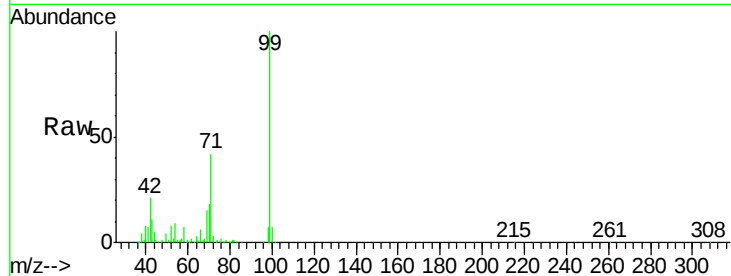
Tot Ion: 99 Resp: 422921

Ion Ratio Lower Upper

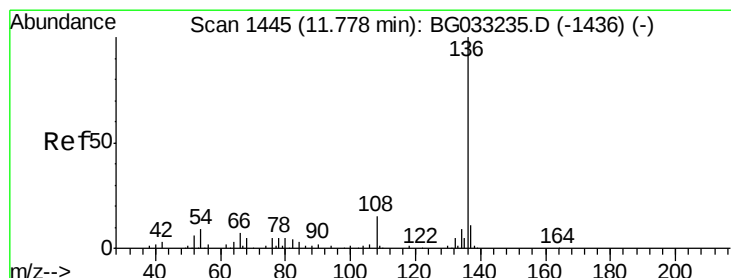
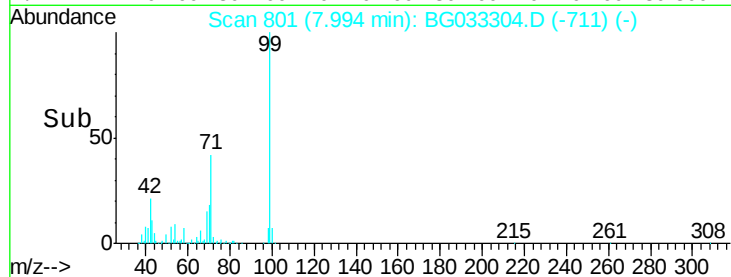
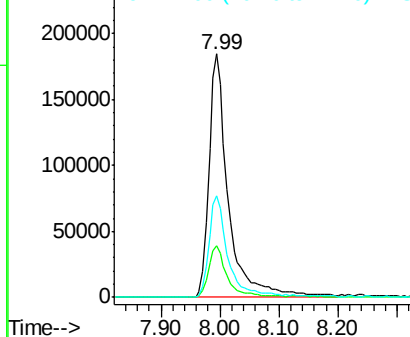
99 100

42 21.3 14.1 21.1#

71 41.7 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: BG033304.D

Acq: 22 Mar 2018 21:05

Tgt Ion: 136 Resp: 151232

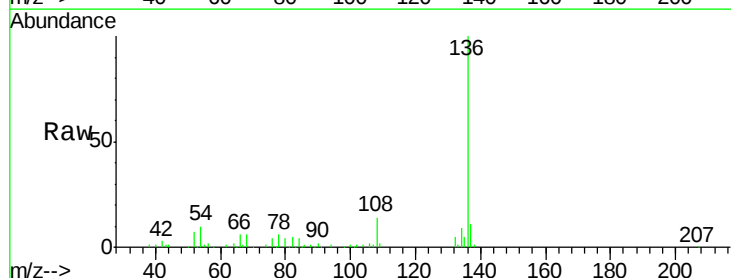
Ion Ratio Lower Upper

136 100

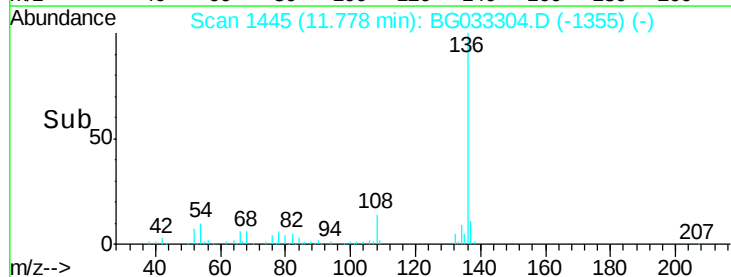
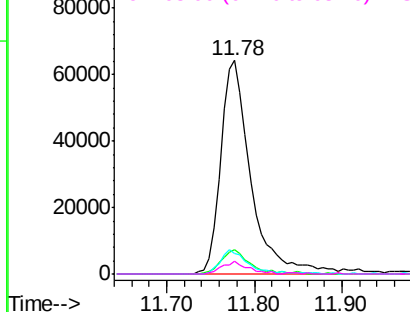
137 11.1 9.2 13.8

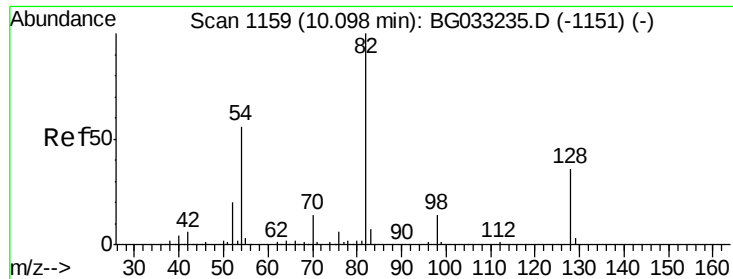
54 9.9 10.3 15.5#

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

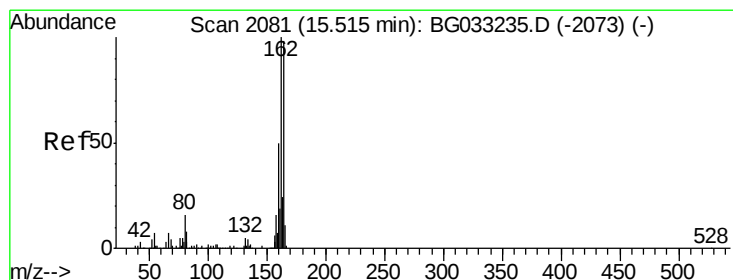
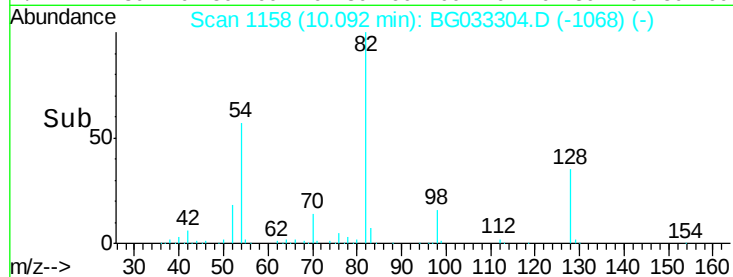
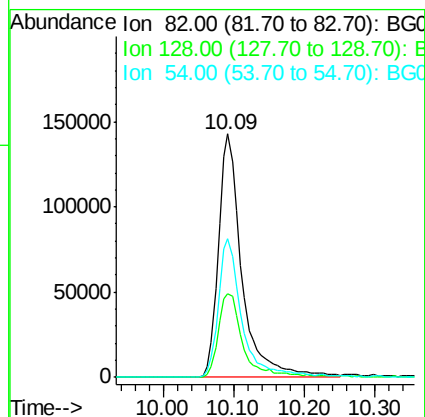
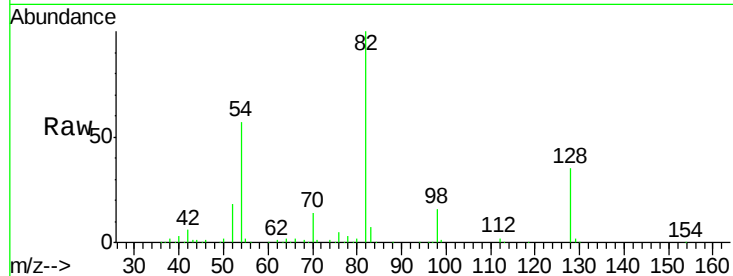




#23
 Nitrobenzene-d5
 Concen: 100.637 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033304.D
 Acq: 22 Mar 2018 21:05

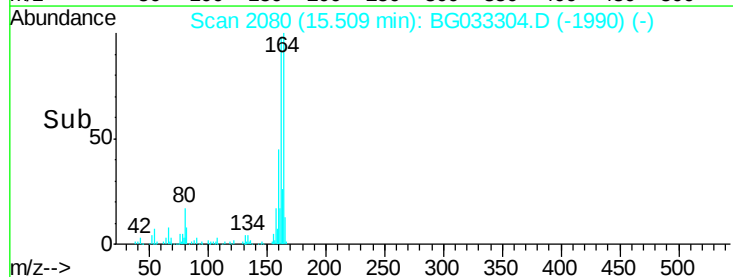
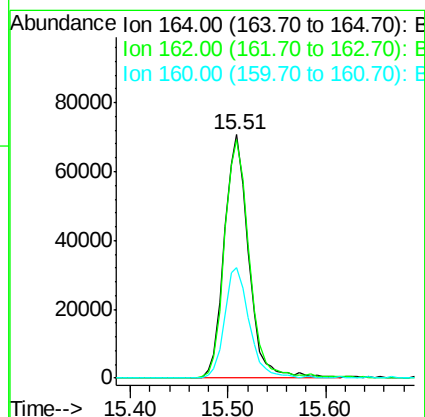
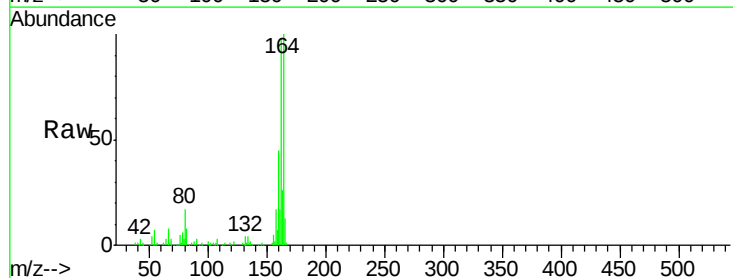
Instrument :
 BNA_G
 ClientSampleId :
 PIT-A-0-5

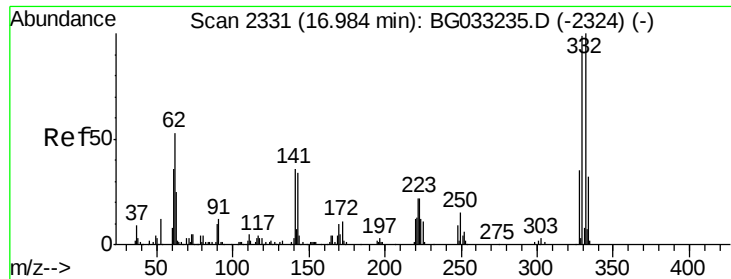
Tot Ion: 82 Resp: 331262
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 56.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033304.D
 Acq: 22 Mar 2018 21:05

Tgt Ion:164 Resp: 122271
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.8 118.2
 160 45.4 35.4 53.0

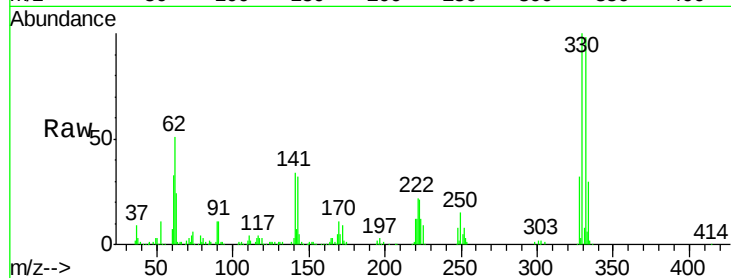




#41
 2,4,6-Tribromophenol
 Concen: 139.550 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033304.D
 Acq: 22 Mar 2018 21:05

Instrument :
 BNA_G
 ClientSampleId :
 PIT-A-0-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	35.5	25.2	37.8

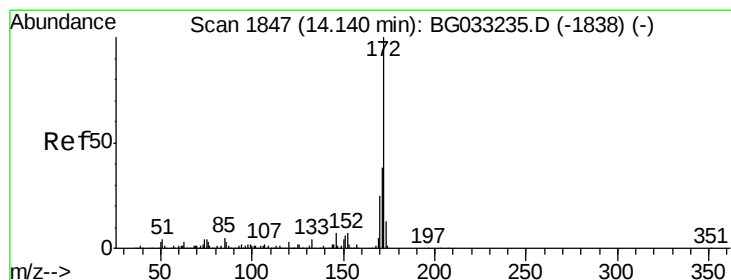
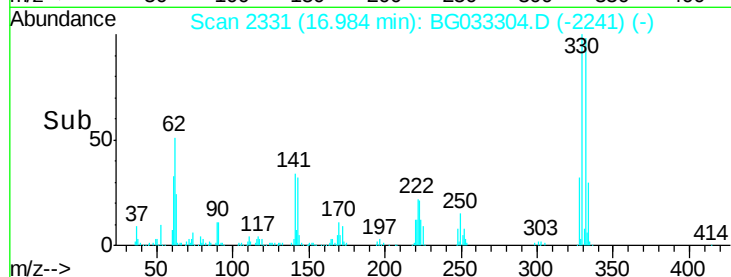
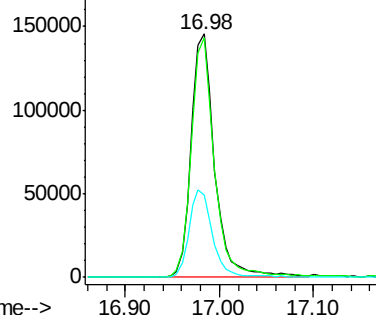


Abundance

Ion 329.80 (329.50 to 330.50): E

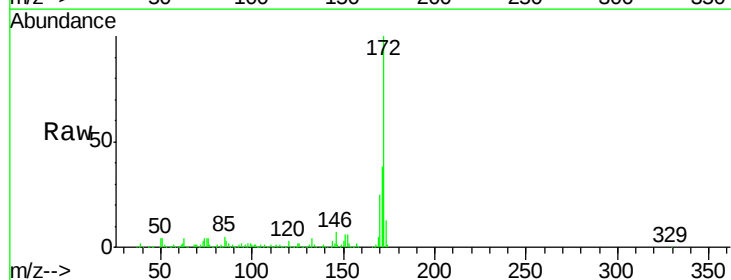
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.700 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033304.D
 Acq: 22 Mar 2018 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.3	19.5	29.3

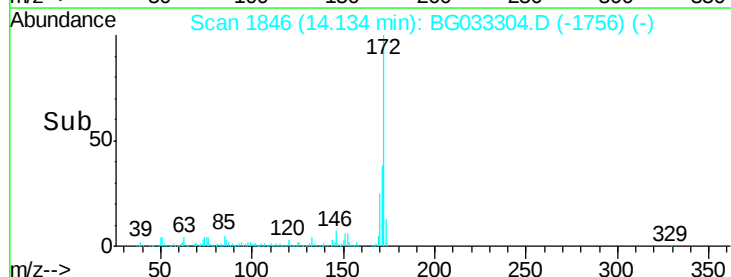
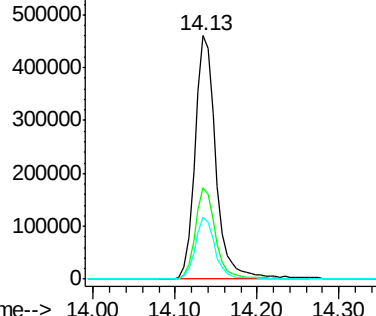


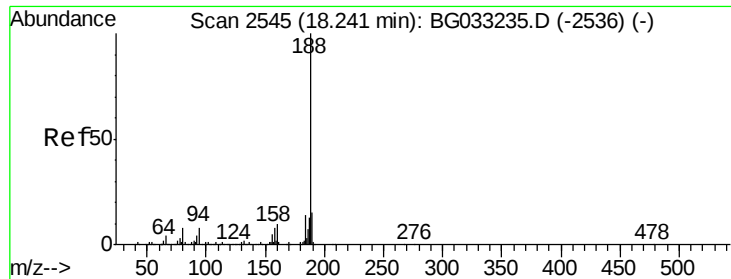
Abundance

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: BG033304.D

Acq: 22 Mar 2018 21:05

Instrument :

BNA_G

ClientSampleId :

PIT-A-0-5

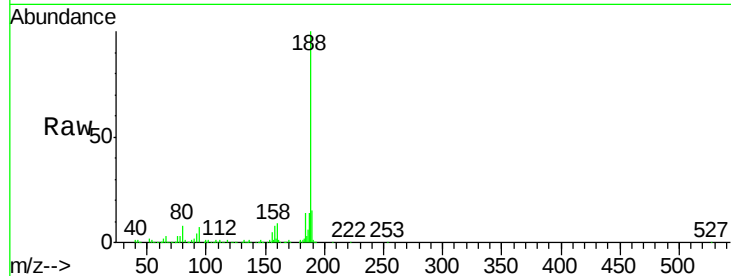
Tot Ion:188 Resp: 335278

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

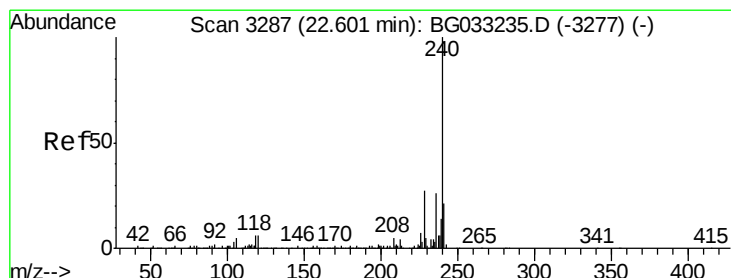
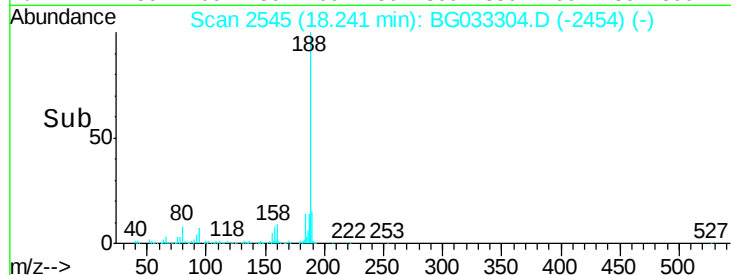
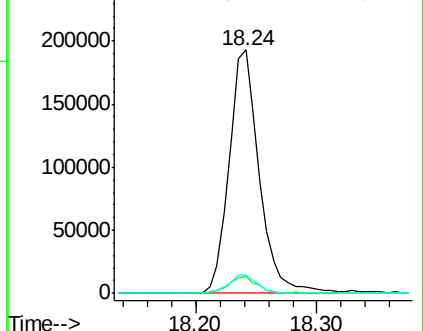
80 7.5 7.7 11.5#



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: 22.59 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033304.D

Acq: 22 Mar 2018 21:05

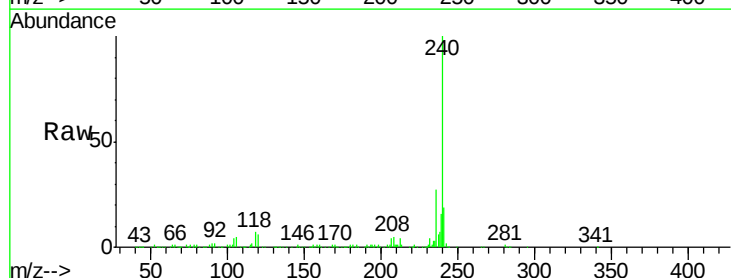
Tgt Ion:240 Resp: 335291

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

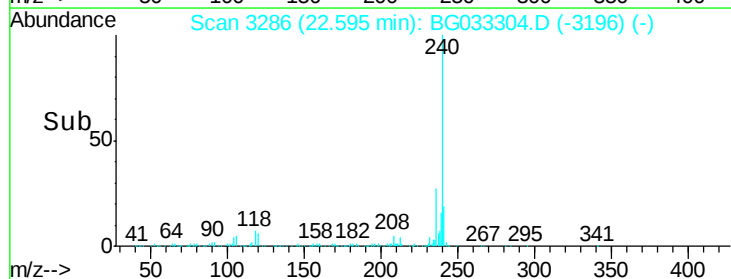
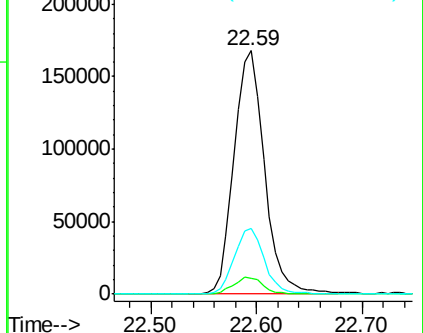
236 27.1 20.9 31.3

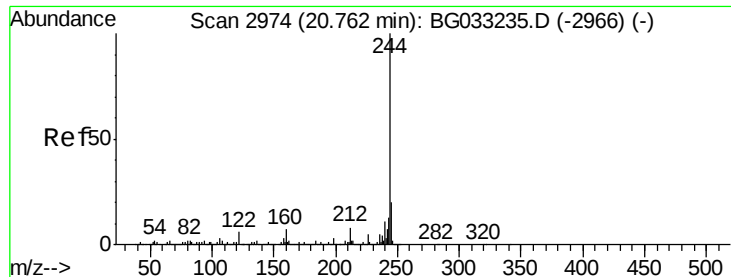


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.577 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033304.D

Acq: 22 Mar 2018 21:05

Instrument :

BNA_G

ClientSampled :

PIT-A-0-5

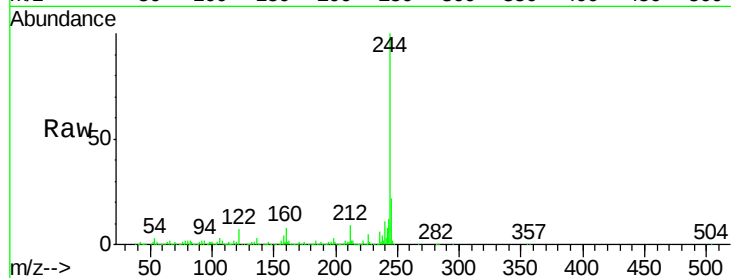
Tot Ion:244 Resp: 1608208

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

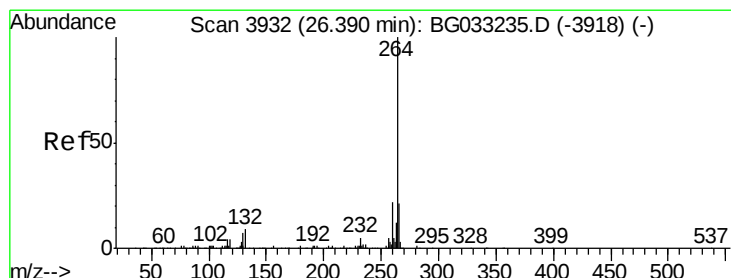
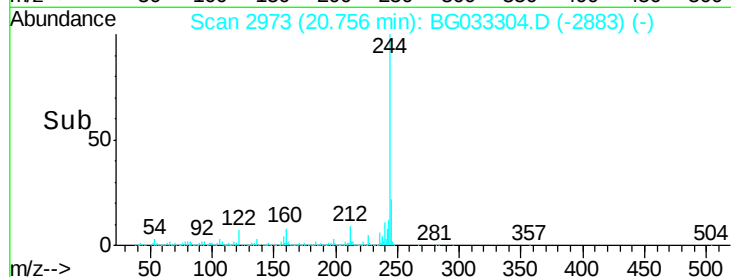
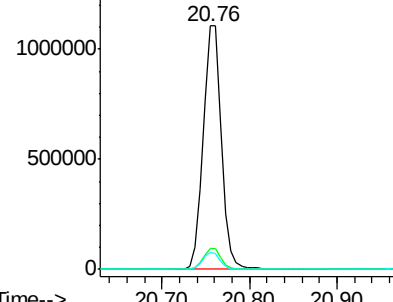
122 7.2 7.0 10.4



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: 26.38 min Scan# 3931

Delta R.T. -0.00 min

Lab File: BG033304.D

Acq: 22 Mar 2018 21:05

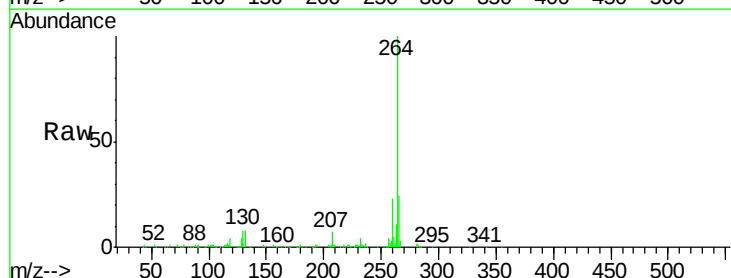
Tgt Ion:264 Resp: 334603

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 23.9 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

