

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033385.D
 Acq On : 28 Mar 2018 6:26
 Operator : SJ/JU
 Sample : PB107690BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107690BL

Quant Time: Mar 28 09:05:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	40331	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	166200	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	121335	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	340884	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	356116	20.00	ng	-0.04
86) Perylene-d12	26.33	264	377771	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	216460	100.64	ng	-0.02
7) Phenol-d6	7.97	99	320733	86.79	ng	-0.03
23) Nitrobenzene-d5	10.06	82	310739	85.90	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	162918	89.78	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	748004	89.00	ng	-0.03
78) Terphenyl-d14	20.73	244	1370722	82.32	ng	-0.03

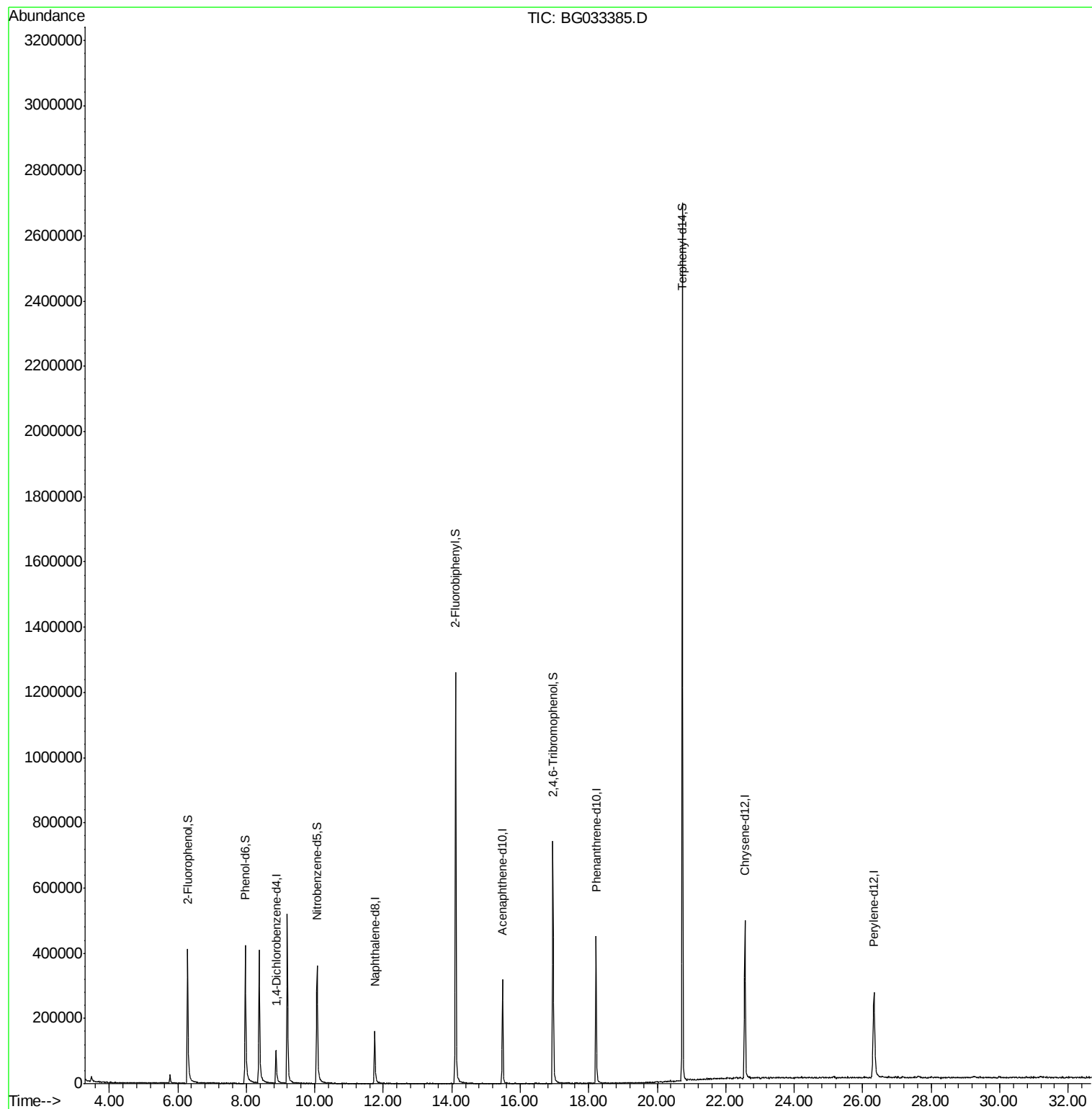
Target Compounds Qvalue

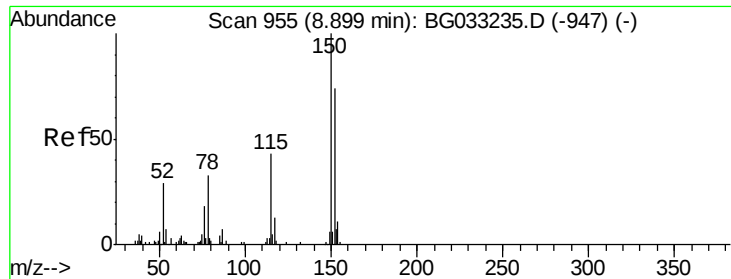
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.03 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

Instrument :

BNA_G

ClientSampleId :

PB107690BL

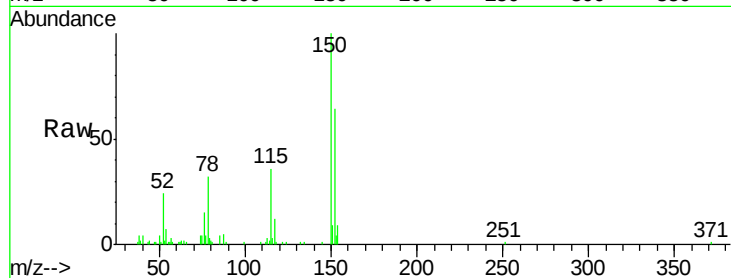
Tot Ion:152 Resp: 40331

Ion Ratio Lower Upper

152 100

150 155.9 126.6 189.8

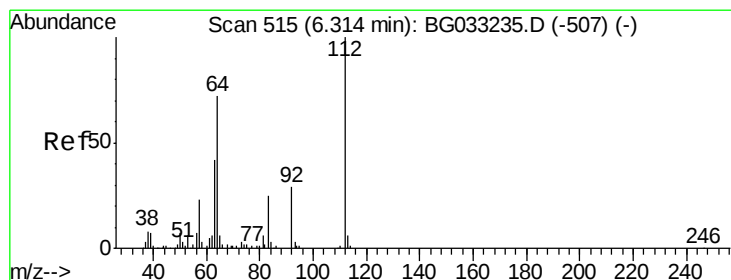
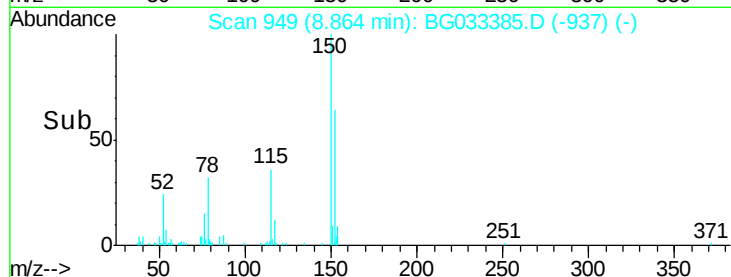
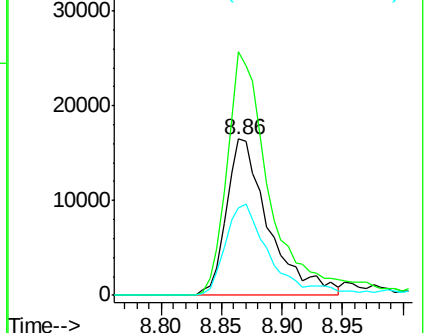
115 55.7 53.0 79.4



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: 100.639 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.02 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

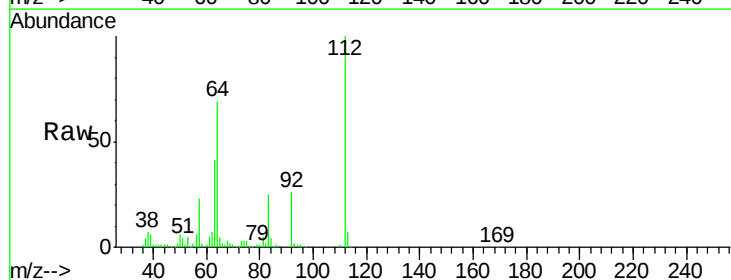
Tgt Ion:112 Resp: 216460

Ion Ratio Lower Upper

112 100

64 69.1 56.3 84.5

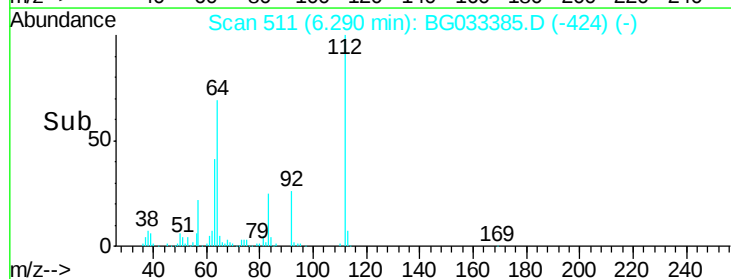
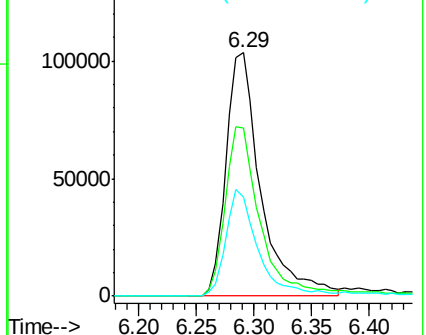
63 40.9 30.1 45.1

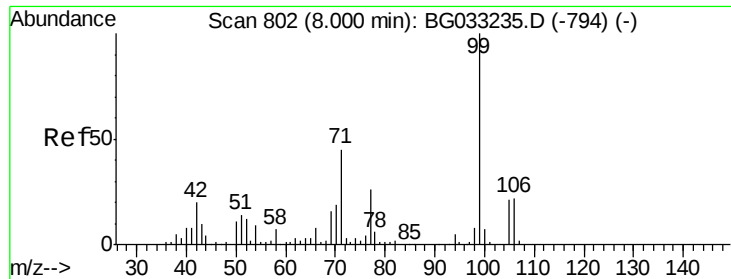


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.788 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

Instrument :

BNA_G

ClientSampleId :

PB107690BL

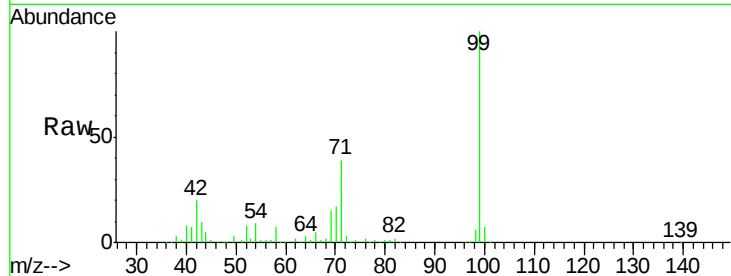
Tot Ion: 99 Resp: 320733

Ion Ratio Lower Upper

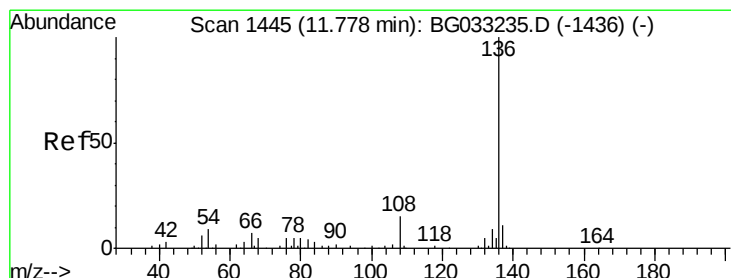
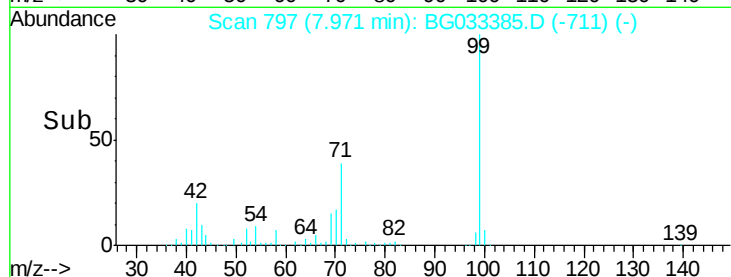
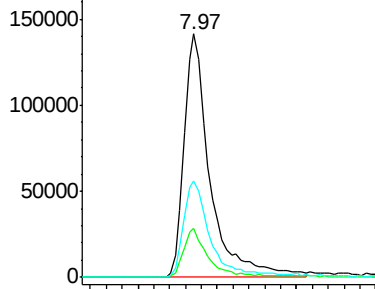
99 100

42 20.2 14.1 21.1

71 39.4 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. -0.03 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

Tgt Ion: 136 Resp: 166200

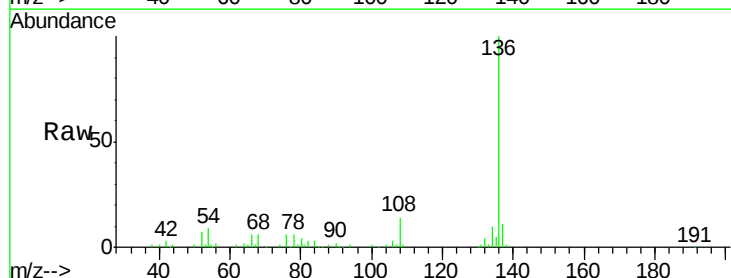
Ion Ratio Lower Upper

136 100

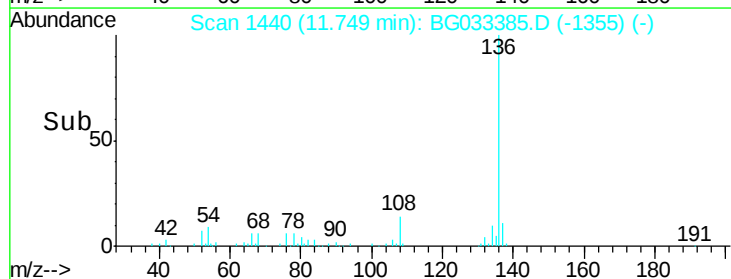
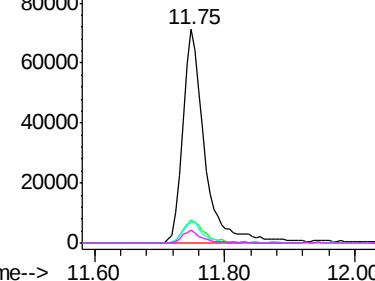
137 10.8 9.2 13.8

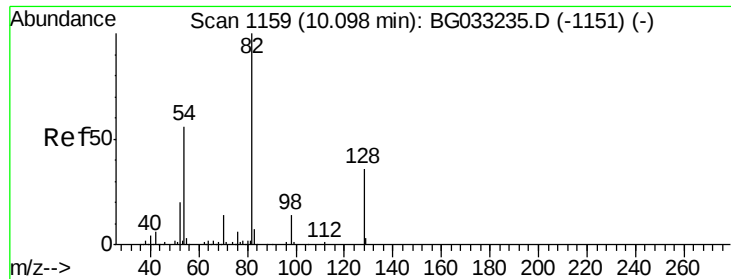
54 10.0 10.3 15.5#

68 6.1 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

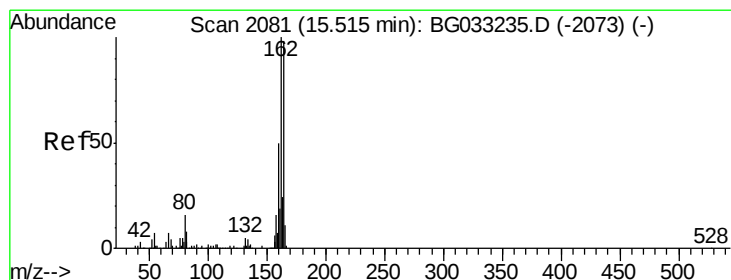
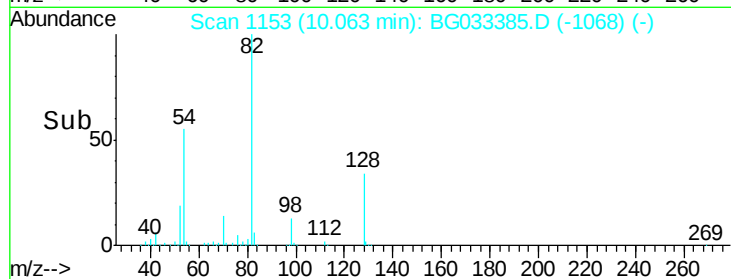
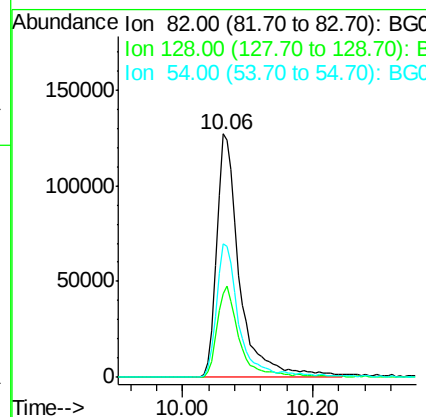
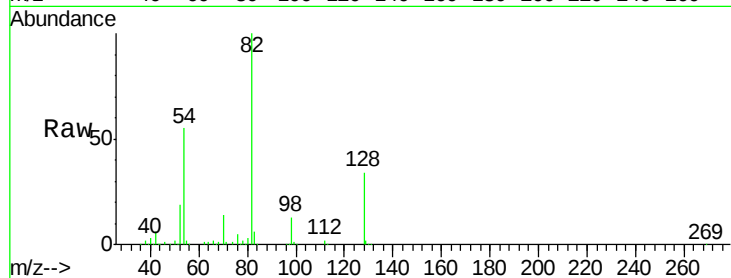




#23
 Nitrobenzene-d5
 Concen: 85.900 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033385.D
 Acq: 28 Mar 2018 6:26

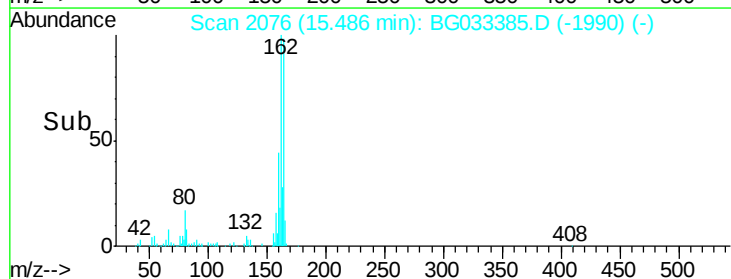
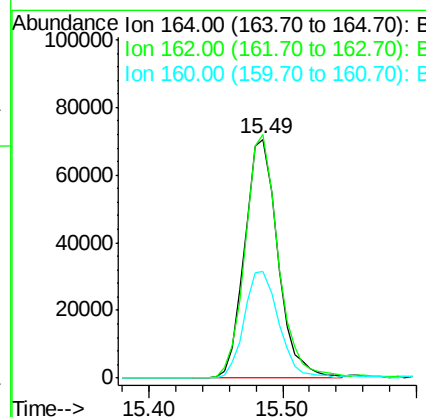
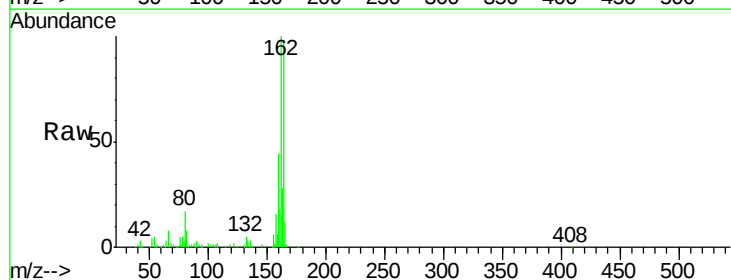
Instrument :
 BNA_G
 ClientSampleId :
 PB107690BL

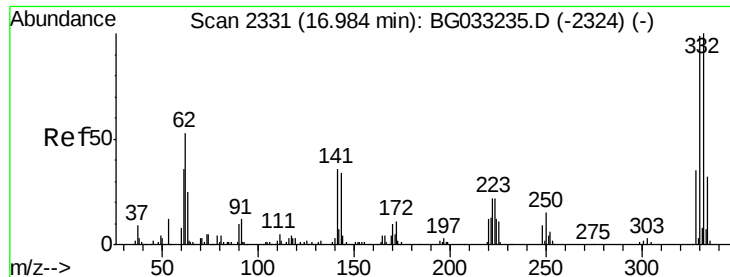
Tot Ion	82	Resp	310739
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.7	44.5
54	55.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: BG033385.D
 Acq: 28 Mar 2018 6:26

Tgt Ion	164	Resp	121335
Ion Ratio	Lower	Upper	
164	100		
162	102.0	78.8	118.2
160	44.9	35.4	53.0

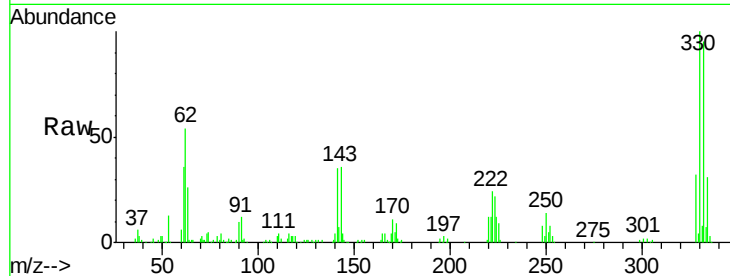




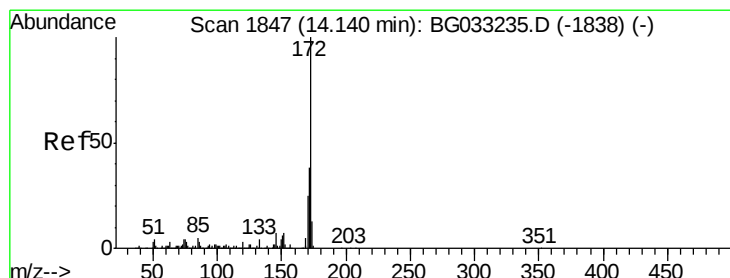
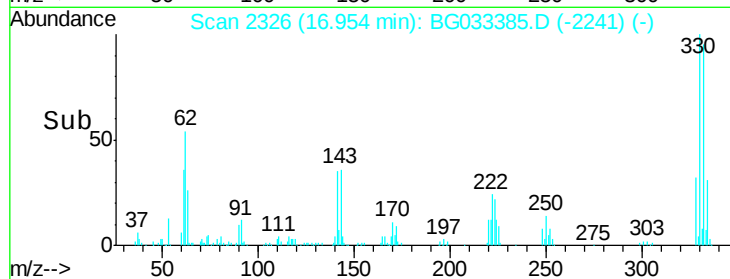
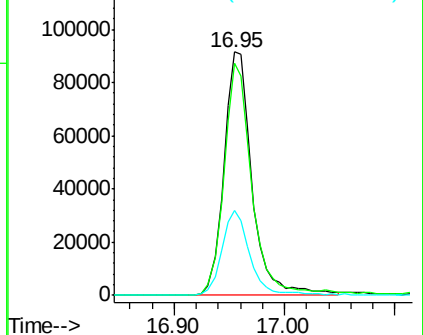
#41
 2,4,6-Tribromophenol
 Concen: 89.777 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033385.D
 Acq: 28 Mar 2018 6:26

Instrument :
 BNA_G
 ClientSampleId :
 PB107690BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	35.0	25.2	37.8

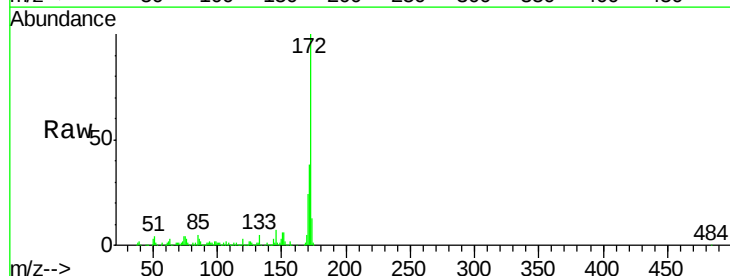


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

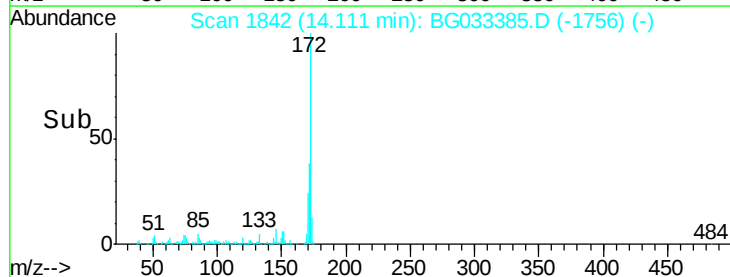
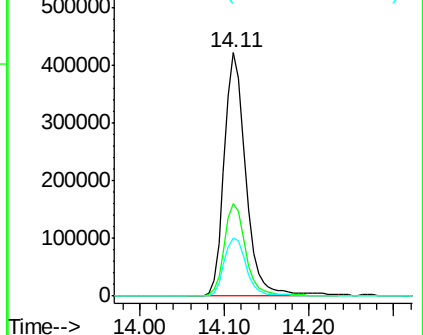


#44
 2-Fluorobiphenyl
 Concen: 88.997 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033385.D
 Acq: 28 Mar 2018 6:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	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

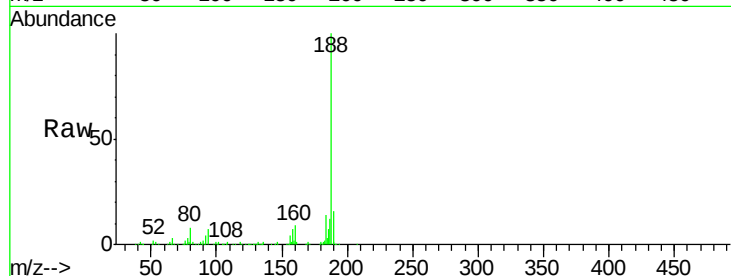




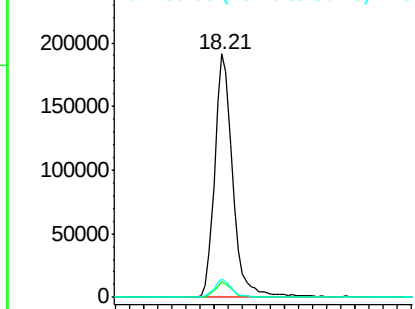
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033385.D
Acq: 28 Mar 2018 6:26

Instrument :
BNA_G
ClientSampleId :
PB107690BL

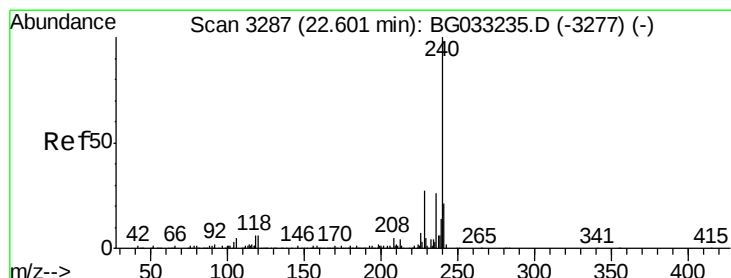
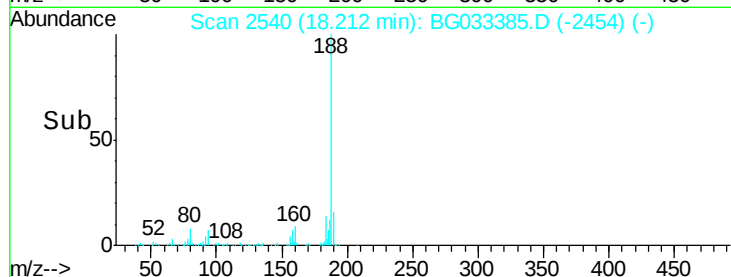
Tot Ion:188 Resp: 340884
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.6 7.7 11.5#



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

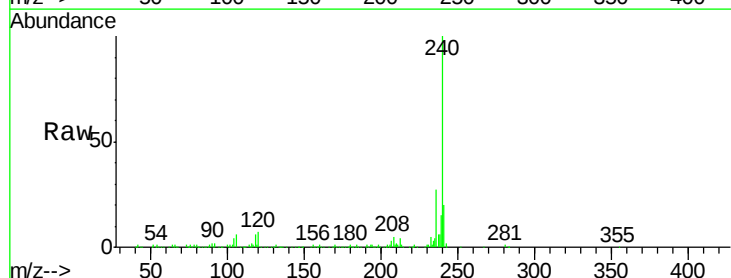


Time--> 18.10 18.20 18.30 18.40

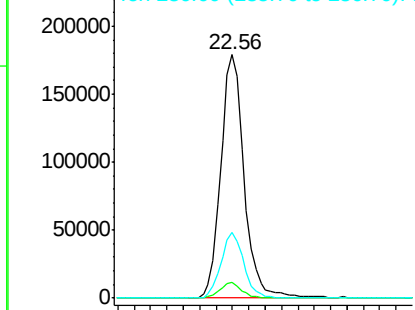


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033385.D
Acq: 28 Mar 2018 6:26

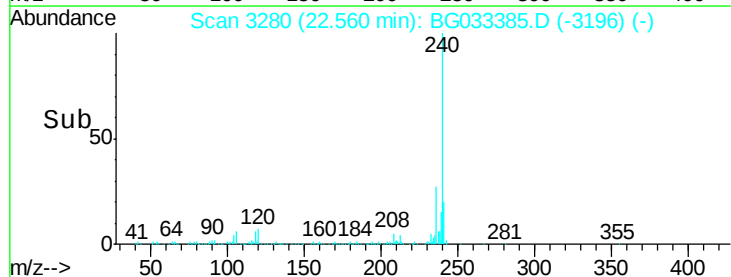
Tgt Ion:240 Resp: 356116
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 26.9 20.9 31.3

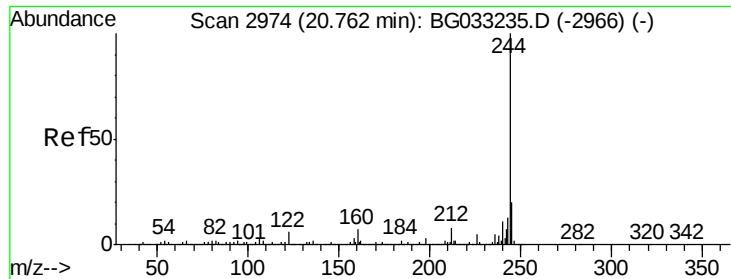


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60 22.70





#78

Terphenyl-d14

Concen: 82.317 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

Instrument :

BNA_G

ClientSampleId :

PB107690BL

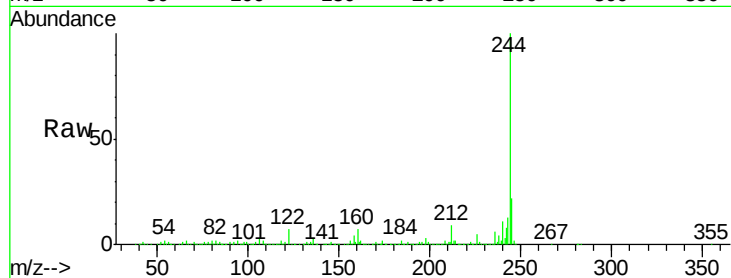
Tot Ion:244 Resp: 1370722

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

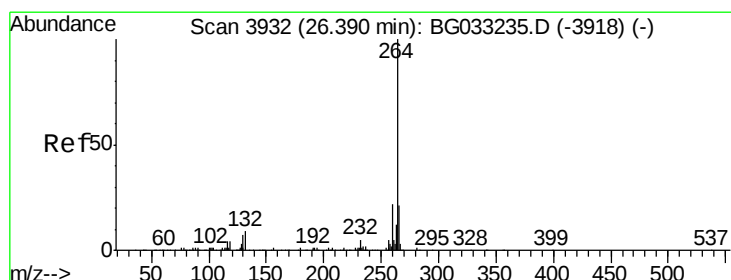
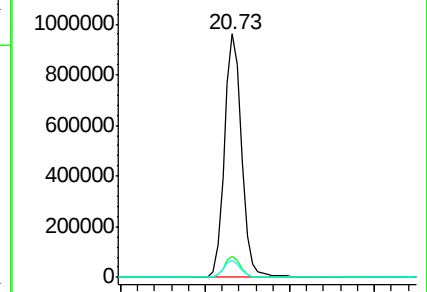
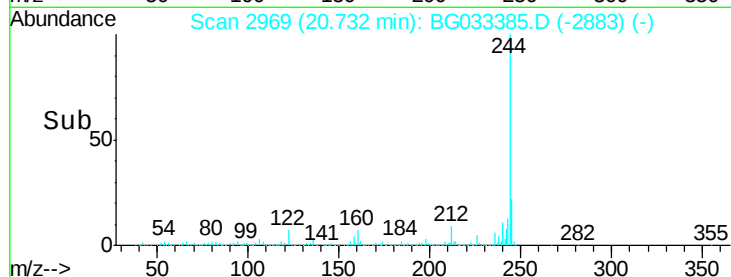
122 7.0 7.0 10.4



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. -0.06 min

Lab File: BG033385.D

Acq: 28 Mar 2018 6:26

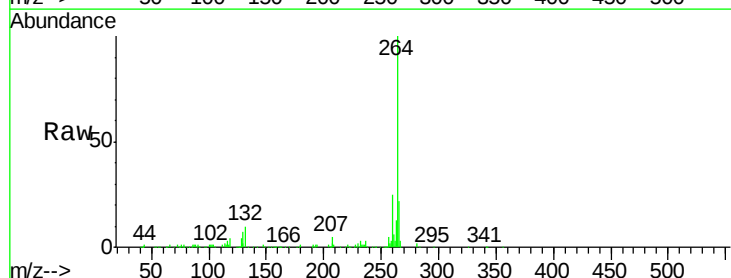
Tgt Ion:264 Resp: 377771

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.0 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

