

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033356.D
 Acq On : 27 Mar 2018 7:47
 Operator : SJ/JU
 Sample : J2044-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-LOC#1

Quant Time: Mar 27 08:54:08 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	8.87	152	40865	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	156140	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	122127	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	348312	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	364867	20.00	ng	-0.04
86) Perylene-d12	26.32	264	395847	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	292358	134.15	ng	-0.02
7) Phenol-d6	7.97	99	388006	103.62	ng	-0.03
23) Nitrobenzene-d5	10.07	82	292887	86.18	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	251190	137.52	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	732464	86.58	ng	-0.03
78) Terphenyl-d14	20.73	244	1472440	86.30	ng	-0.03

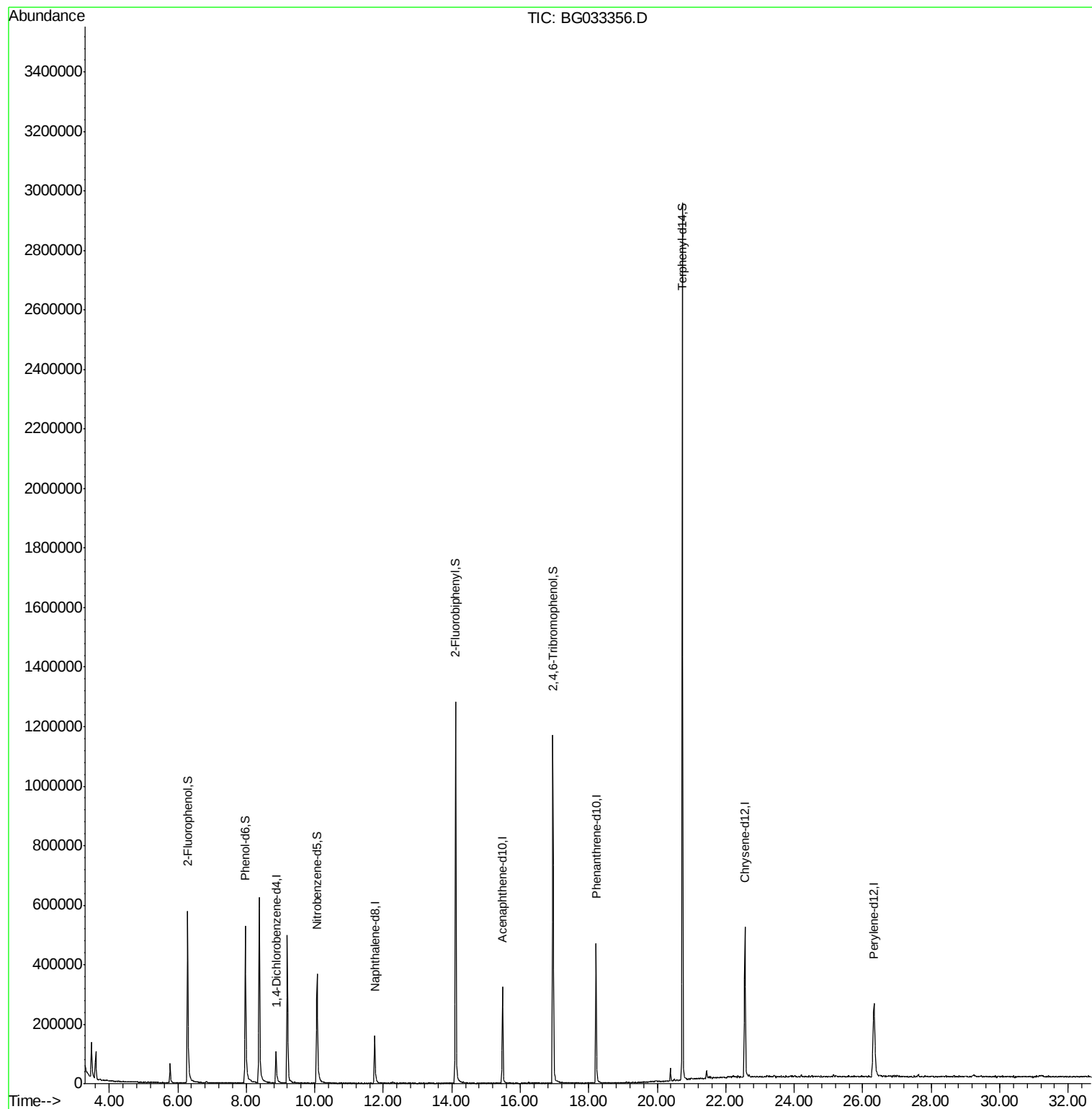
Target Compounds	Qvalue
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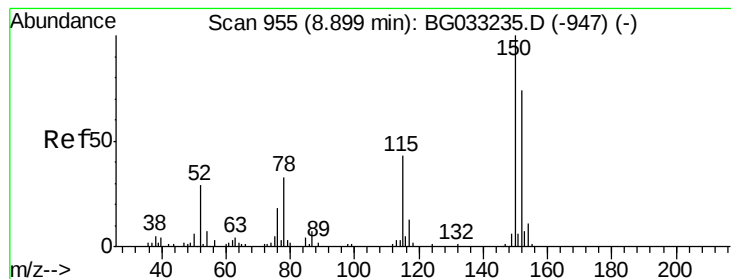
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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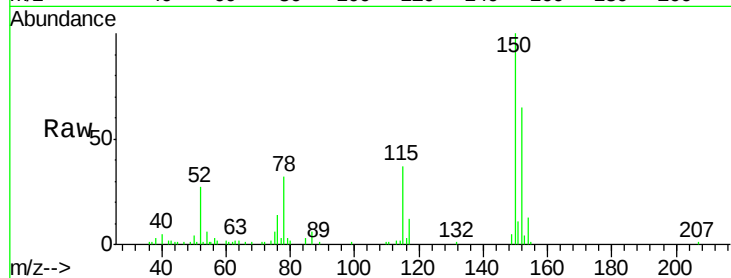


#1

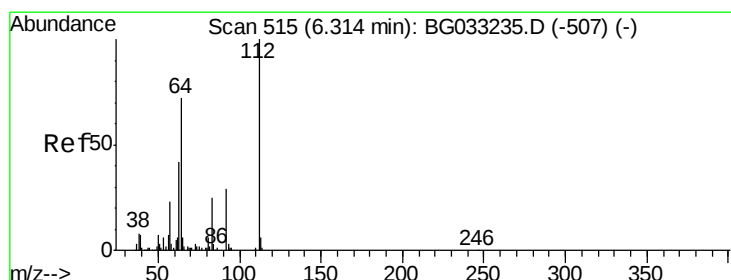
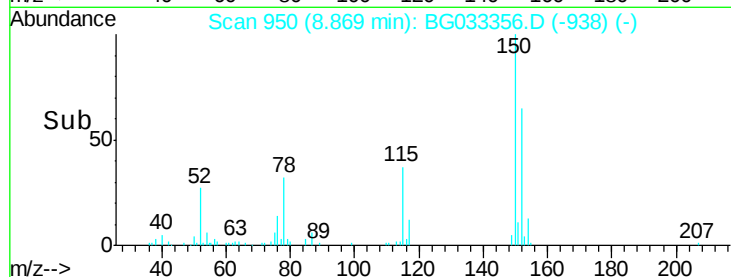
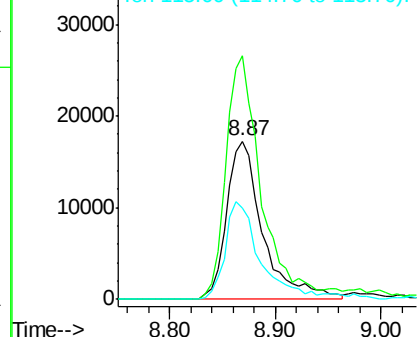
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033356.D
Acq: 27 Mar 2018 7:47

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-LOC#1

Tgt Ion:152 Resp: 40865
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 57.4 53.0 79.4



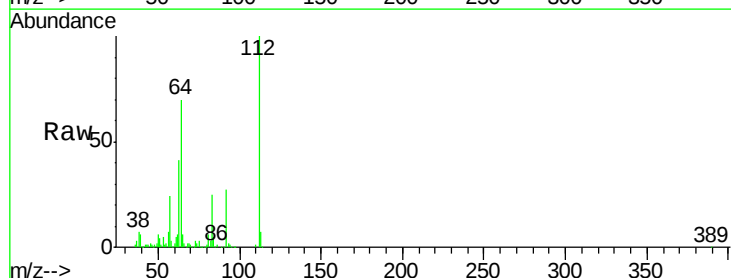
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



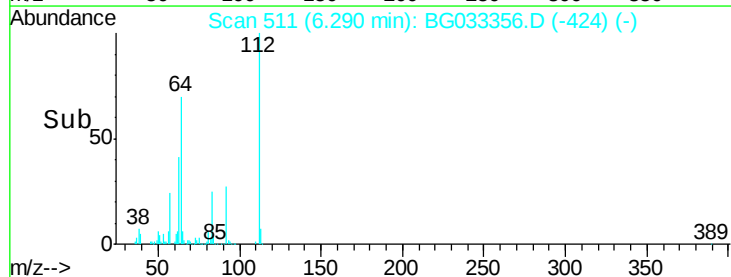
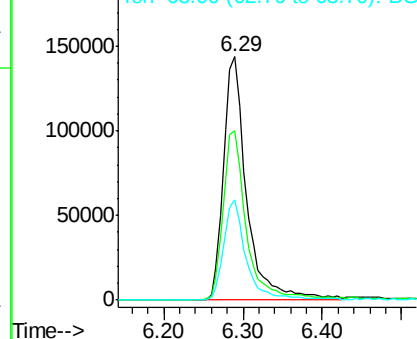
#5

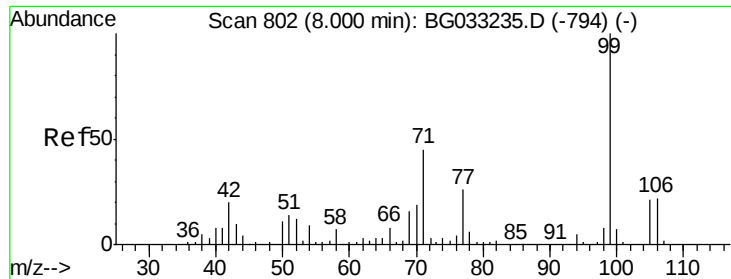
2-Fluorophenol
Concen: 134.151 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033356.D
Acq: 27 Mar 2018 7:47

Tgt Ion:112 Resp: 292358
Ion Ratio Lower Upper
112 100
64 69.8 56.3 84.5
63 41.0 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: 103.619 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033356.D

Acq: 27 Mar 2018 7:47

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-LOC#1

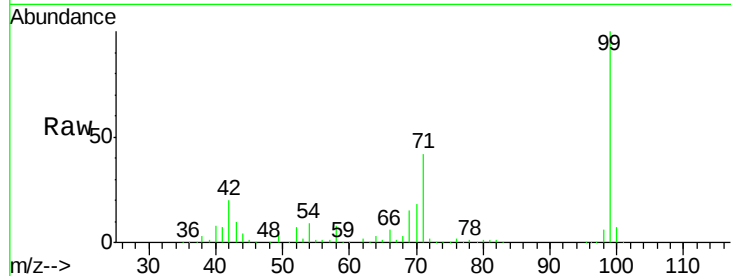
Tgt Ion: 99 Resp: 388006

Ion Ratio Lower Upper

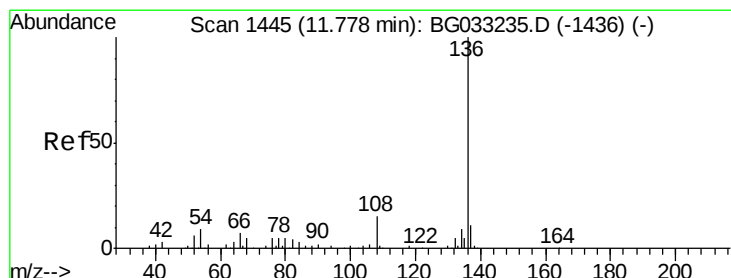
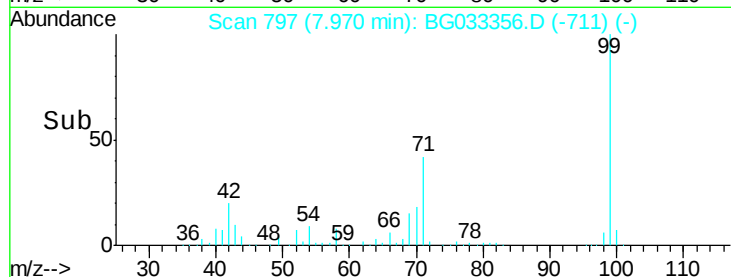
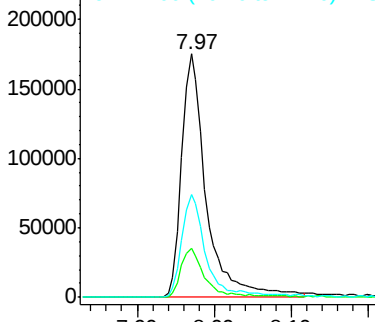
99 100

42 20.3 14.1 21.1

71 42.4 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: BG033356.D

Acq: 27 Mar 2018 7:47

Tgt Ion: 136 Resp: 156140

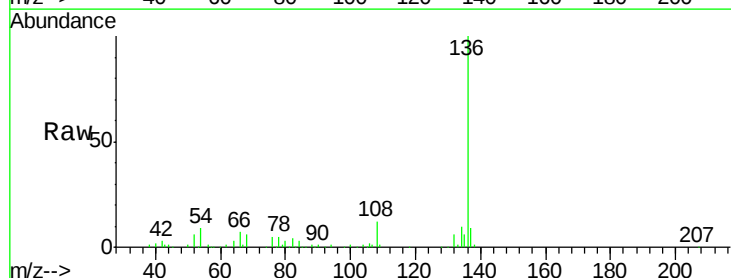
Ion Ratio Lower Upper

136 100

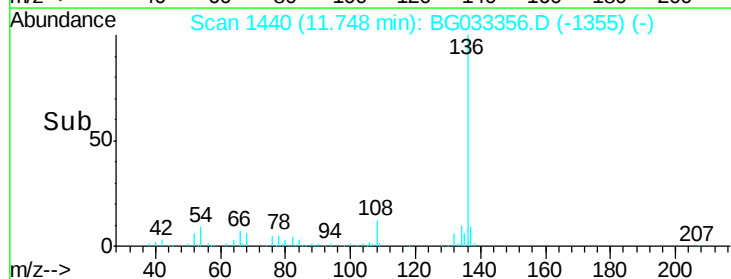
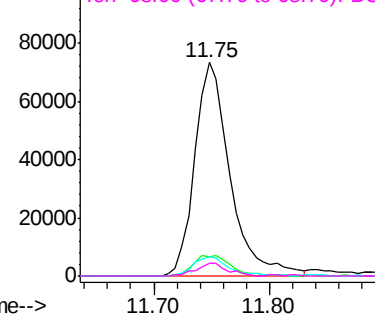
137 9.2 9.2 13.8

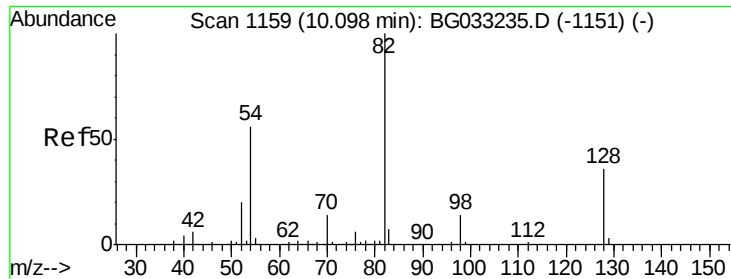
54 8.9 10.3 15.5#

68 5.9 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

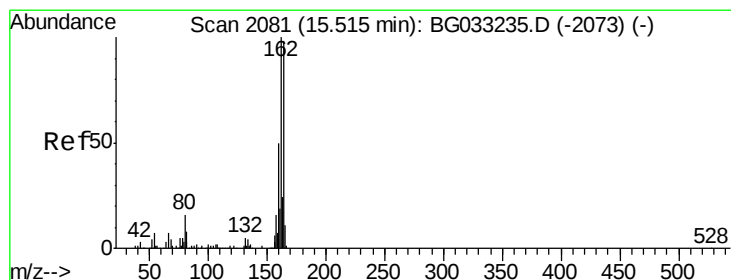
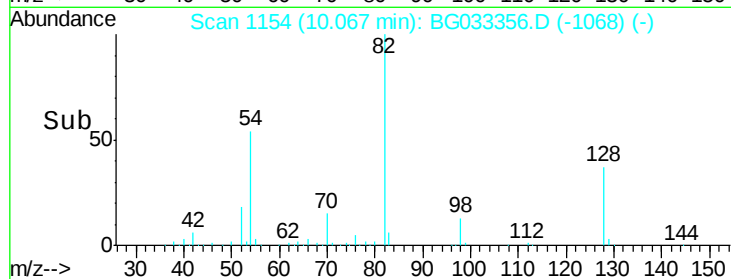
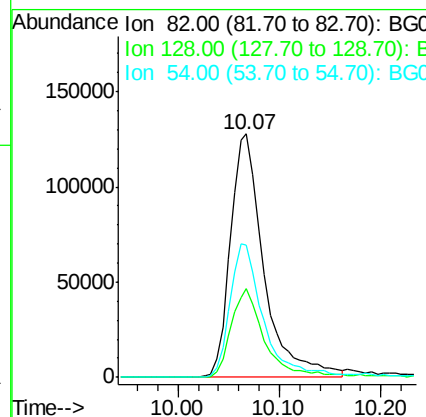
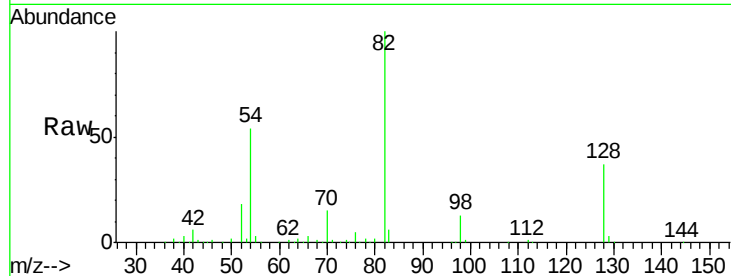




#23
 Nitrobenzene-d5
 Concen: 86.182 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033356.D
 Acq: 27 Mar 2018 7:47

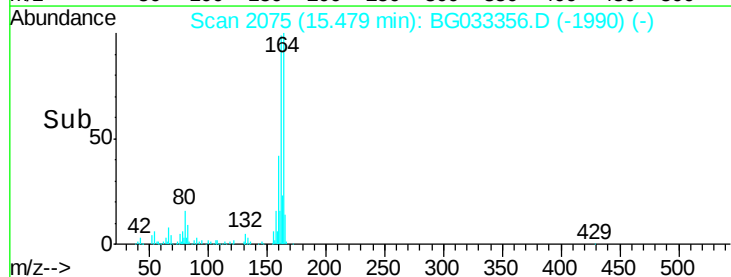
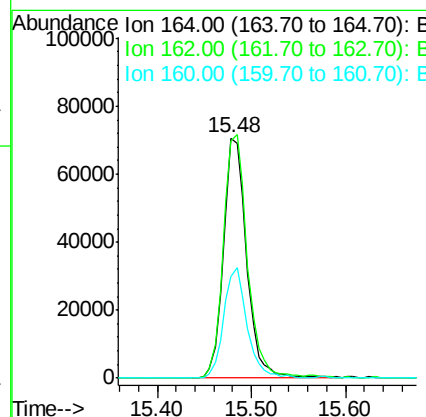
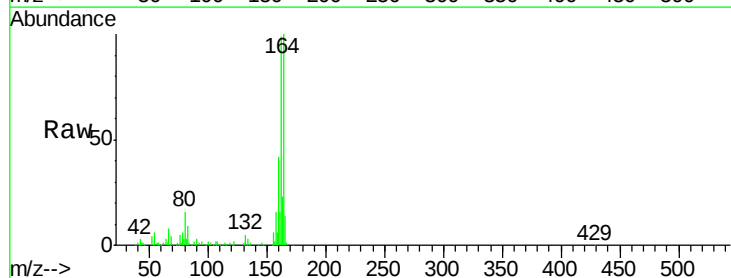
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-LOC#1

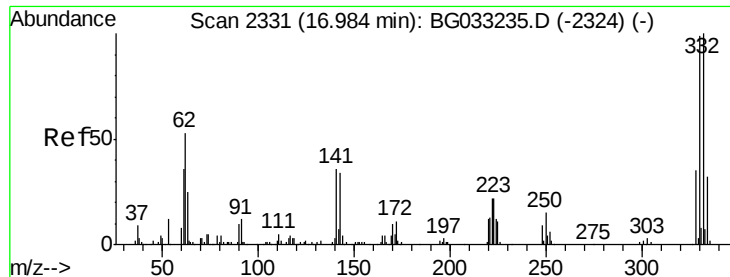
Tgt Ion: 82 Resp: 292887
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 54.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033356.D
 Acq: 27 Mar 2018 7:47

Tgt Ion: 164 Resp: 122127
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 42.2 35.4 53.0

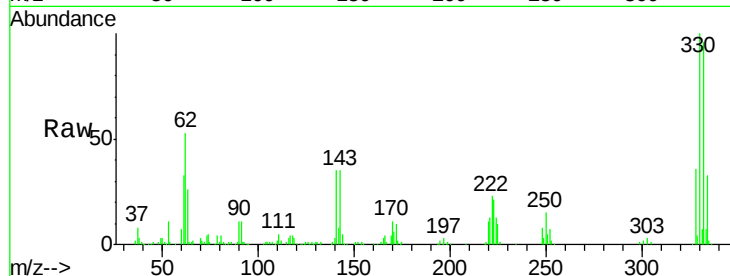




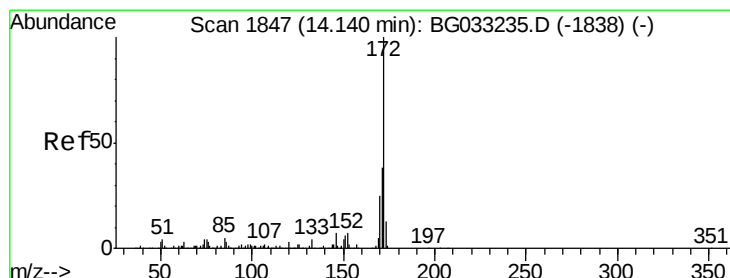
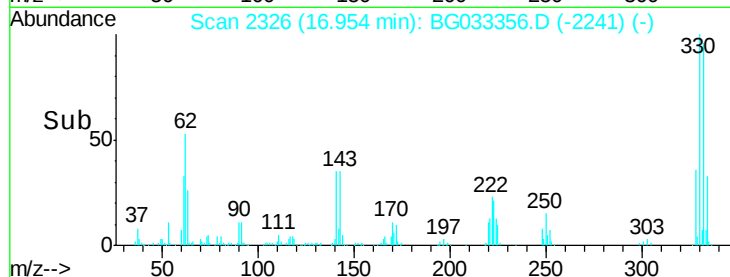
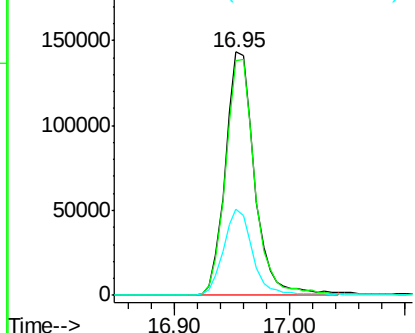
#41
 2,4,6-Tribromophenol
 Concen: 137.521 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033356.D
 Acq: 27 Mar 2018 7:47

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-LOC#1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	35.2	25.2	37.8

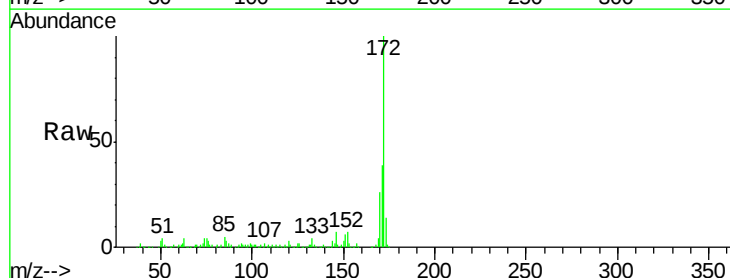


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

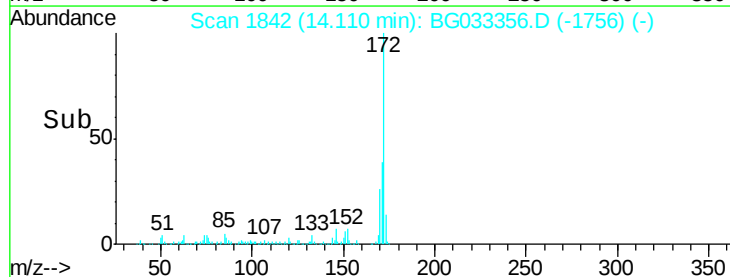
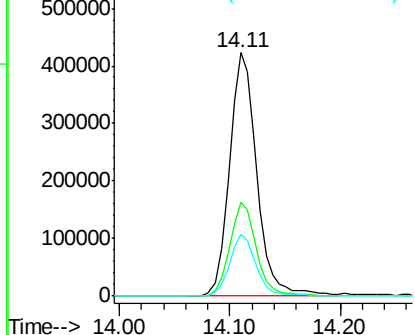


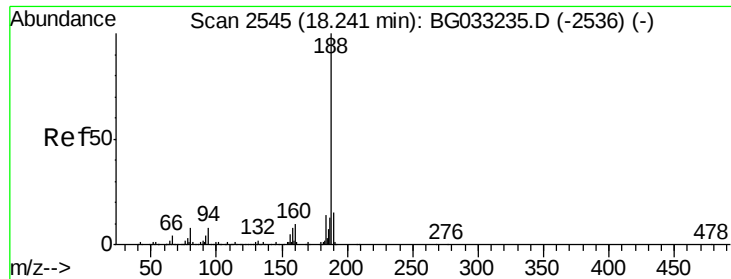
#44
 2-Fluorobiphenyl
 Concen: 86.583 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033356.D
 Acq: 27 Mar 2018 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.5	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

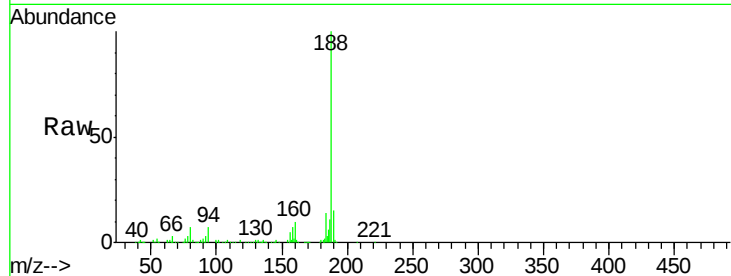




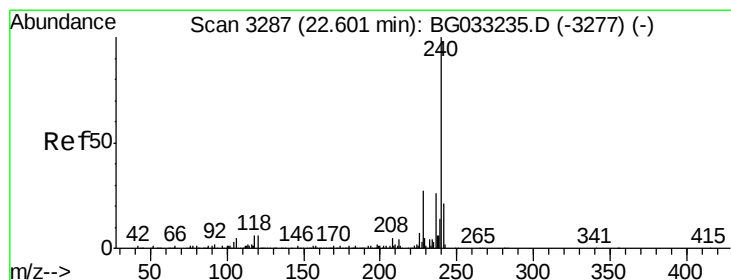
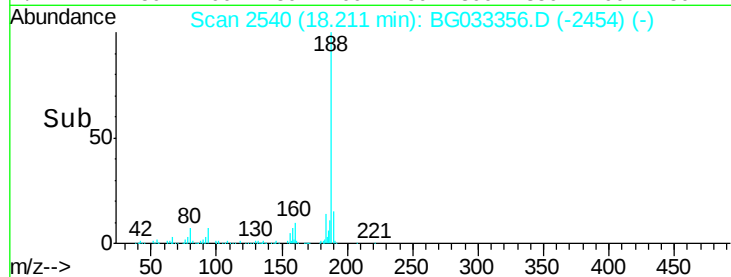
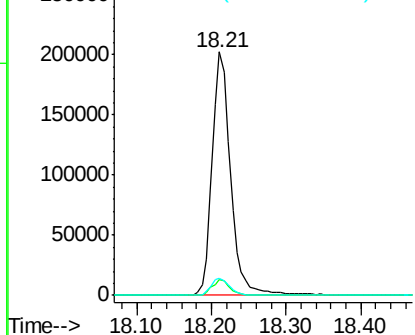
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033356.D
Acq: 27 Mar 2018 7:47

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-LOC#1

Tgt Ion:188 Resp: 348312
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 6.9 7.7 11.5#

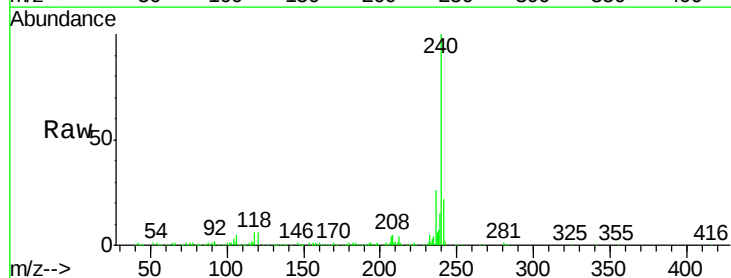


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

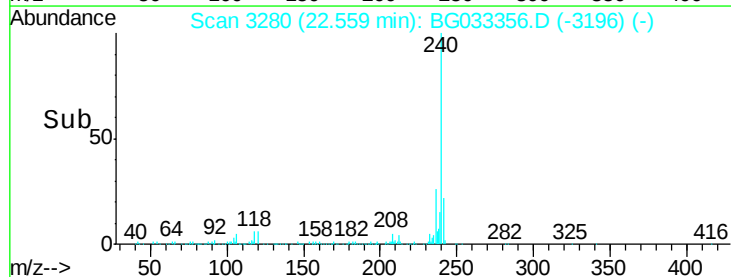
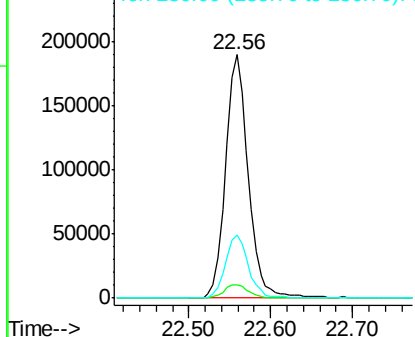


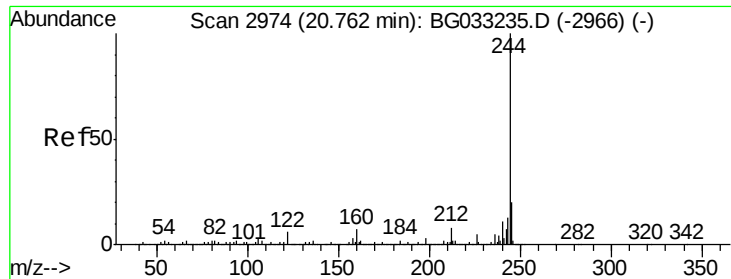
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.04 min
Lab File: BG033356.D
Acq: 27 Mar 2018 7:47

Tgt Ion:240 Resp: 364867
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 25.7 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: 86.305 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033356.D

Acq: 27 Mar 2018 7:47

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-LOC#1

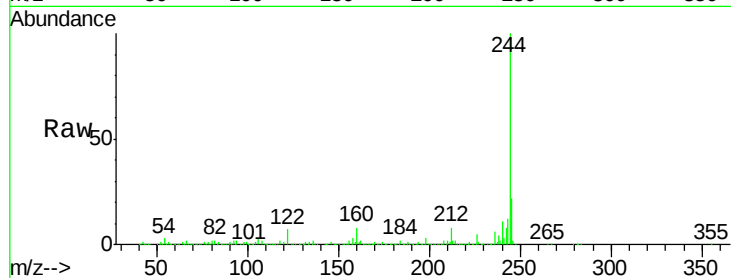
Tgt Ion:244 Resp: 1472440

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

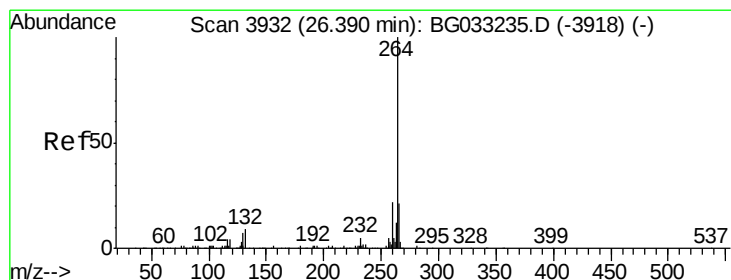
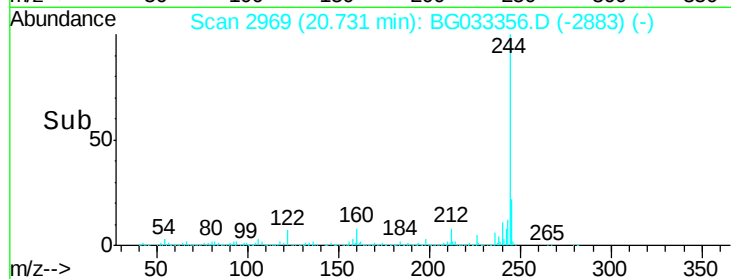
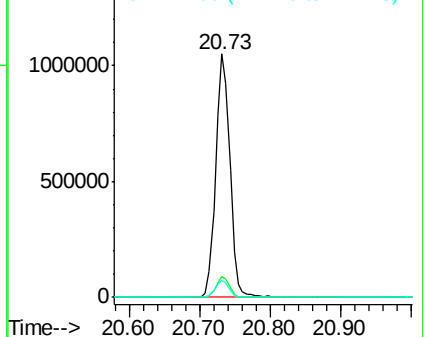
122 7.1 7.0 10.4



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# 3921

Delta R.T. -0.06 min

Lab File: BG033356.D

Acq: 27 Mar 2018 7:47

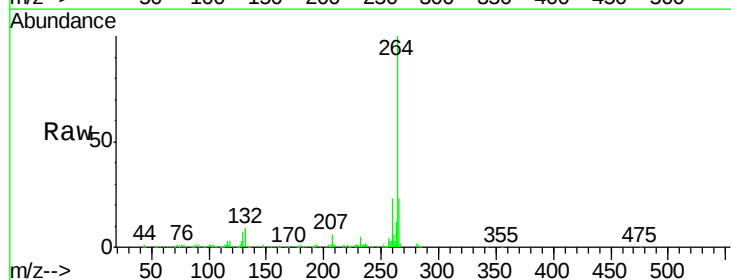
Tgt Ion:264 Resp: 395847

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 22.8 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

