

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033357.D
 Acq On : 27 Mar 2018 8:24
 Operator : SJ/JU
 Sample : J2044-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-LOC#2

Quant Time: Mar 27 10:55:35 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	42505	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	157793	20.00	ng	-0.03
38) Acenaphthene-d10	15.48	164	114509	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	328498	20.00	ng	-0.03
75) Chrysene-d12	22.55	240	350094	20.00	ng	-0.04
86) Perylene-d12	26.33	264	365542	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	341126	150.49	ng	-0.02
7) Phenol-d6	7.97	99	438077	112.48	ng	-0.03
23) Nitrobenzene-d5	10.07	82	349589	101.79	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	277691	162.14	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	839725	105.87	ng	-0.03
78) Terphenyl-d14	20.73	244	1612433	98.50	ng	-0.03

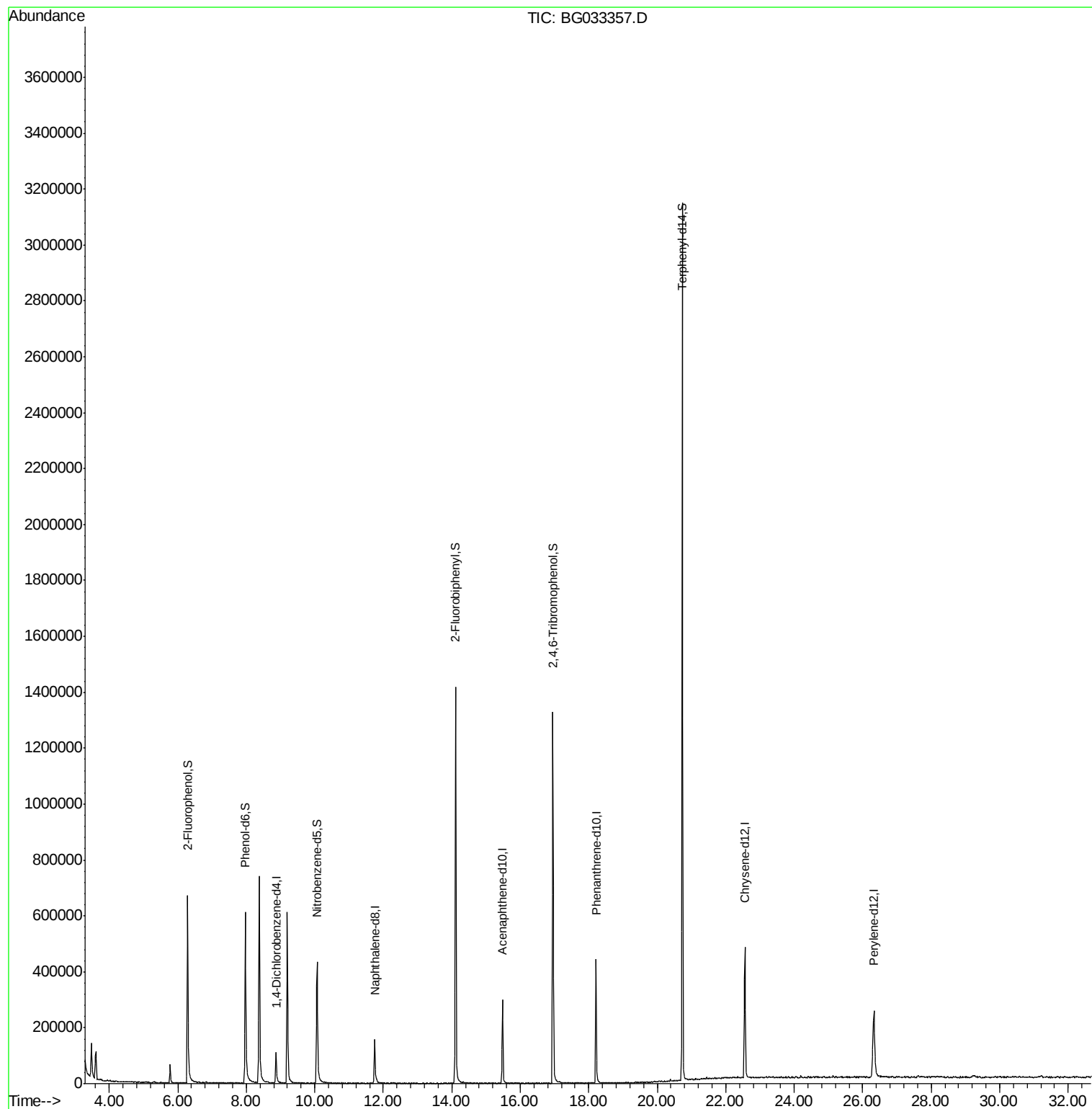
Target Compounds	Qvalue
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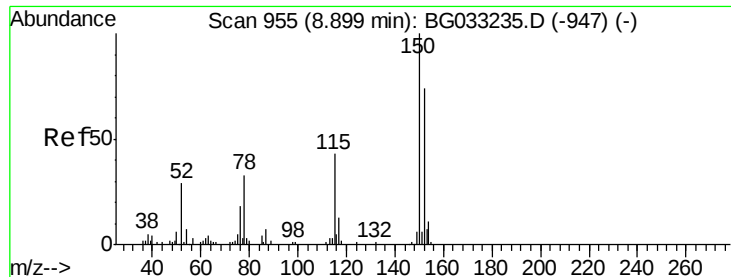
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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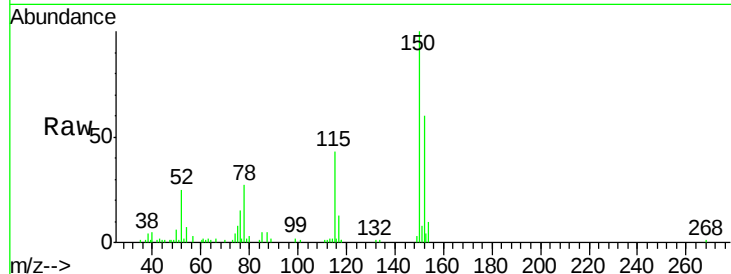


#1

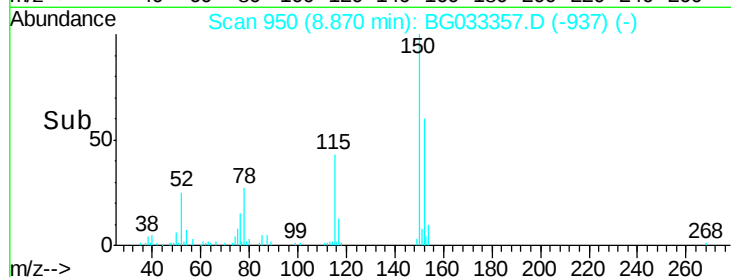
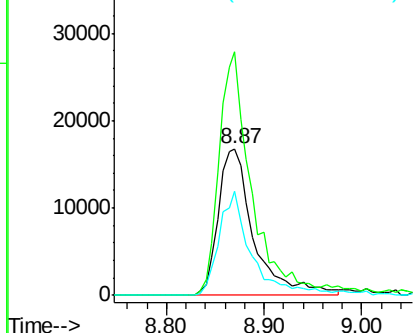
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-LOC#2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.0	126.6	189.8
115	70.8	53.0	79.4



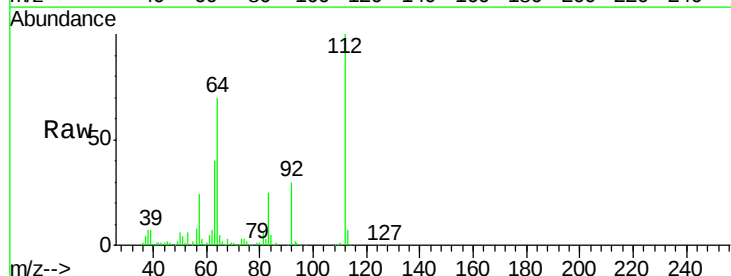
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



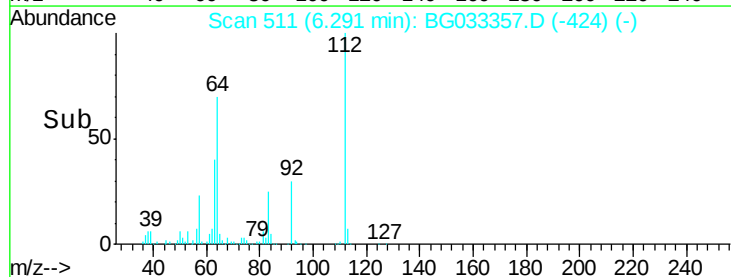
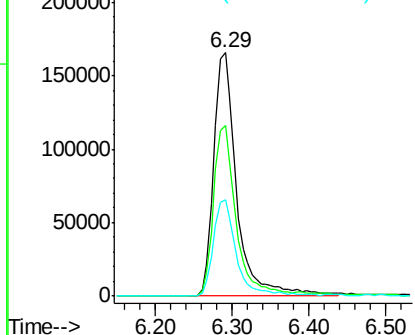
#5

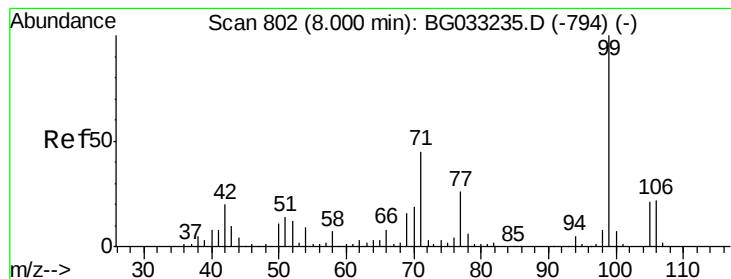
2-Fluorophenol
Concen: 150.489 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	39.7	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: 112.477 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-LOC#2

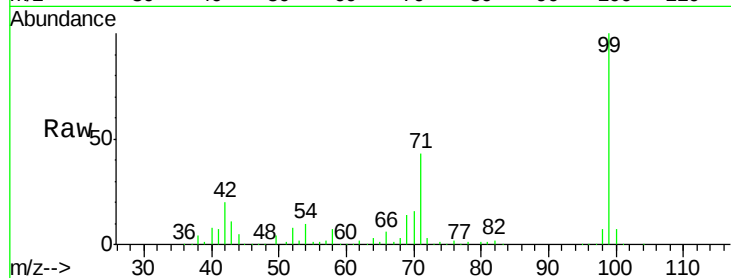
Tgt Ion: 99 Resp: 438077

Ion Ratio Lower Upper

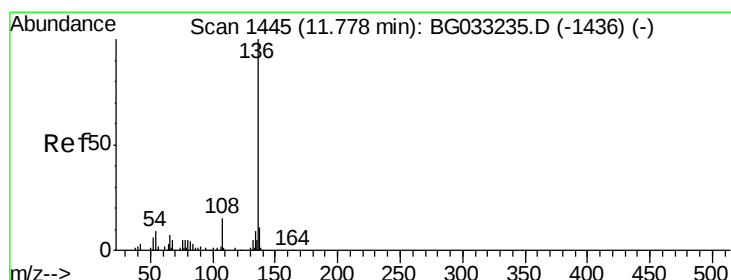
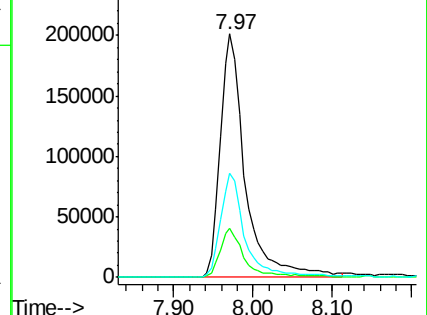
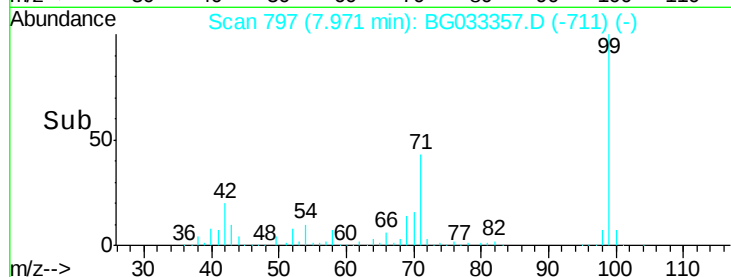
99 100

42 20.2 14.1 21.1

71 42.7 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: 11.75 min Scan# 1440

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Tgt Ion: 136 Resp: 157793

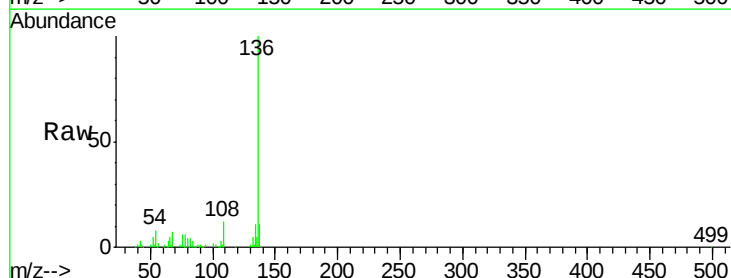
Ion Ratio Lower Upper

136 100

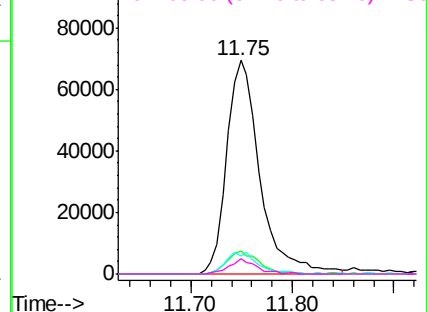
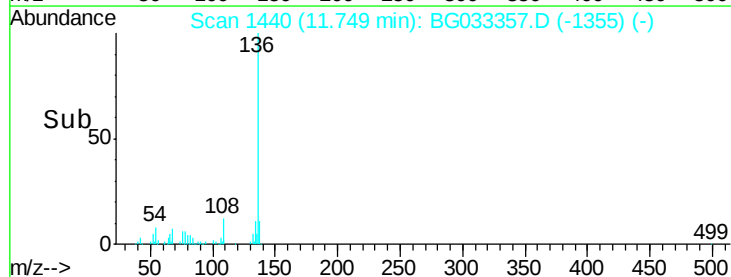
137 10.6 9.2 13.8

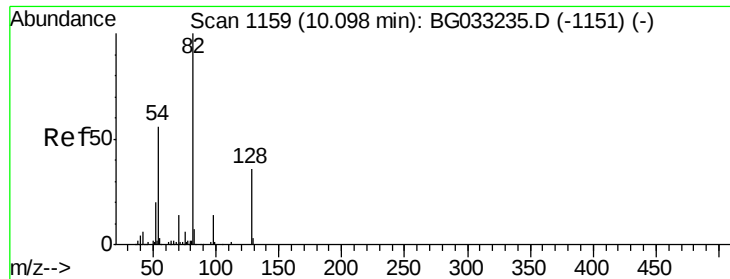
54 8.5 10.3 15.5#

68 7.0 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

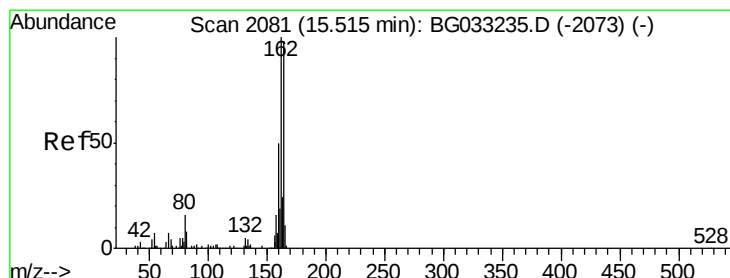
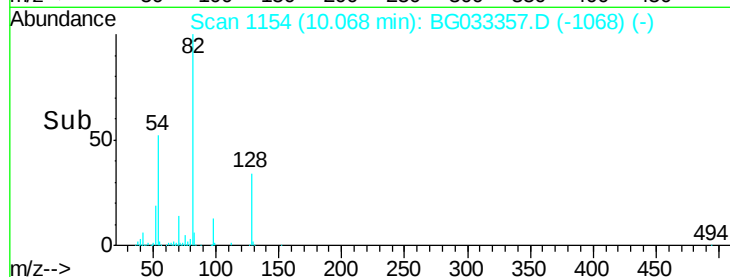
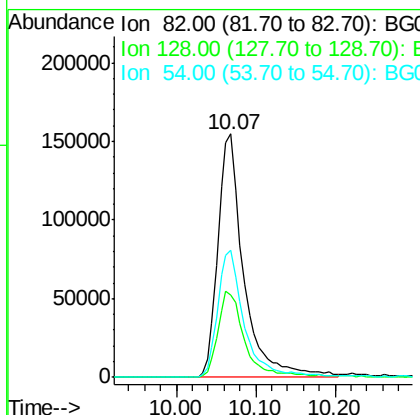
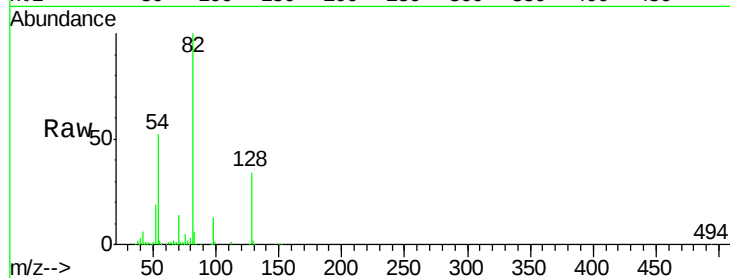




#23
 Nitrobenzene-d5
 Concen: 101.789 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

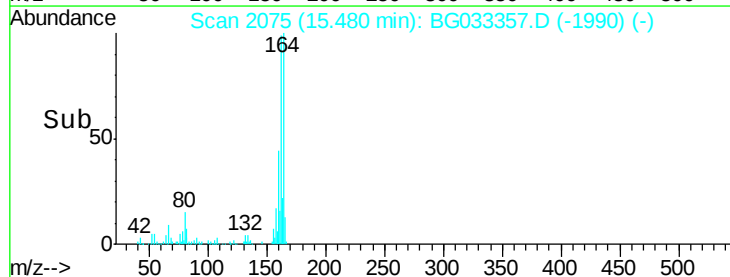
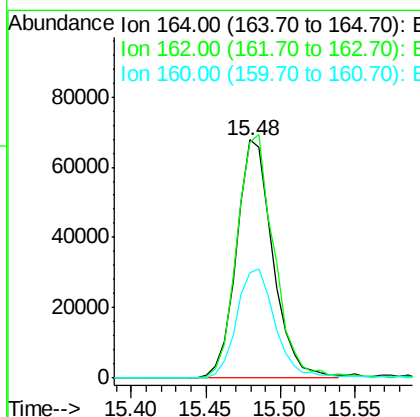
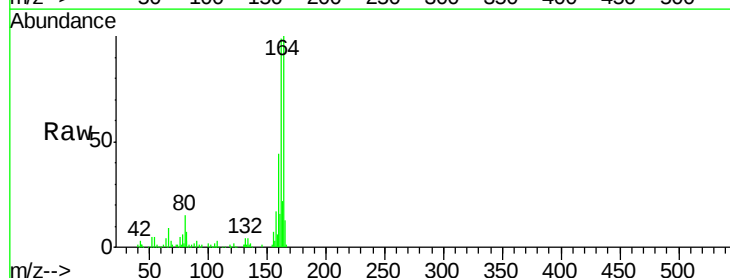
Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-LOC#2

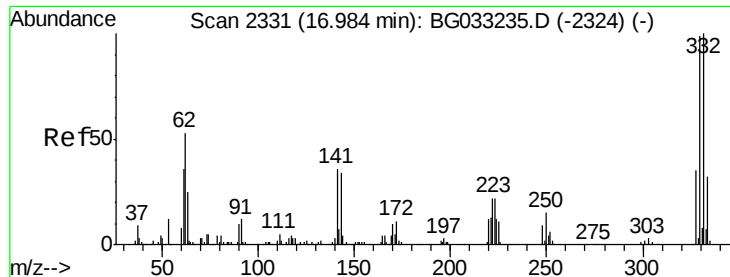
Tgt Ion: 82 Resp: 349589
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 52.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033357.D
 Acq: 27 Mar 2018 8:24

Tgt Ion: 164 Resp: 114509
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 44.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 162.144 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-LOC#2

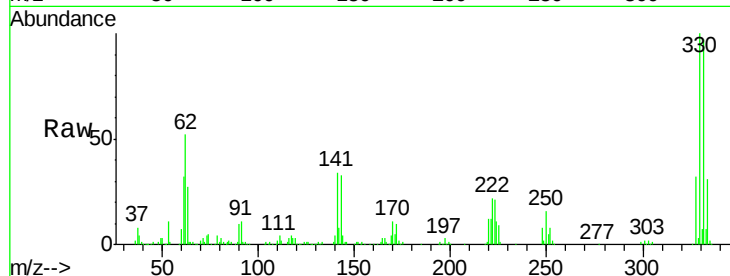
Tgt Ion:330 Resp: 277691

Ion Ratio Lower Upper

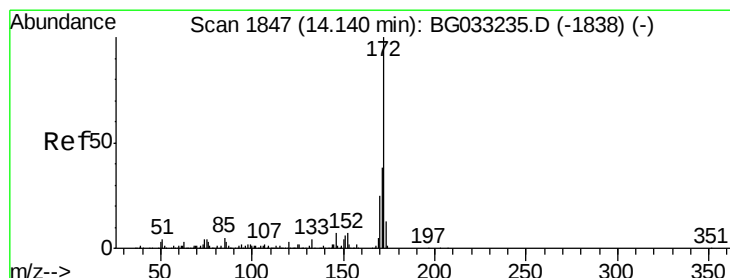
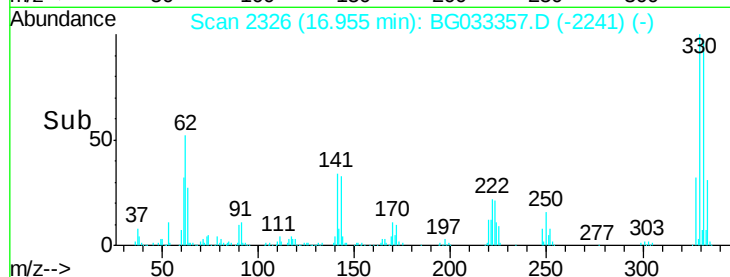
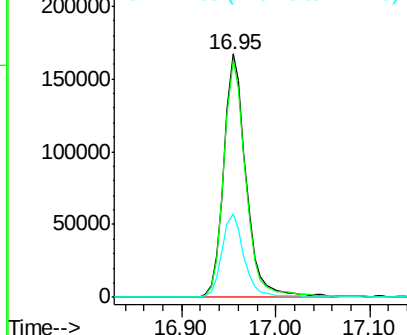
330 100

332 97.6 77.0 115.6

141 34.1 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: 105.866 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

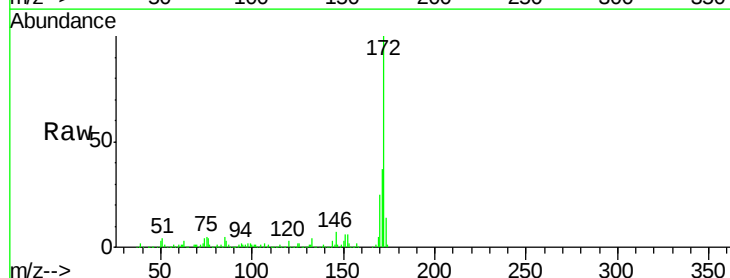
Tgt Ion:172 Resp: 839725

Ion Ratio Lower Upper

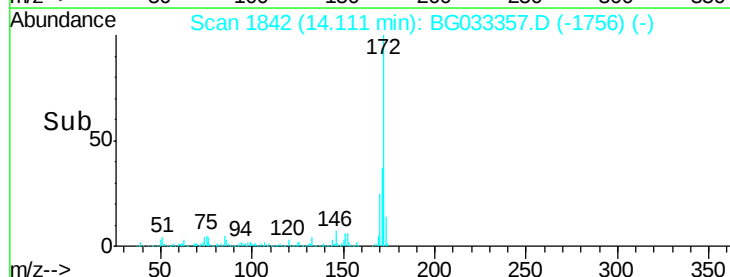
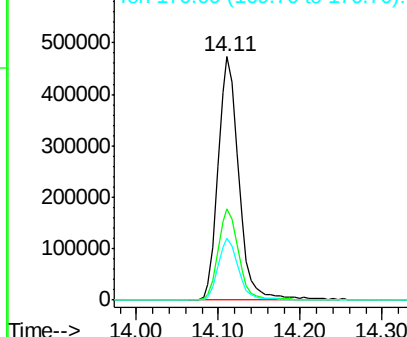
172 100

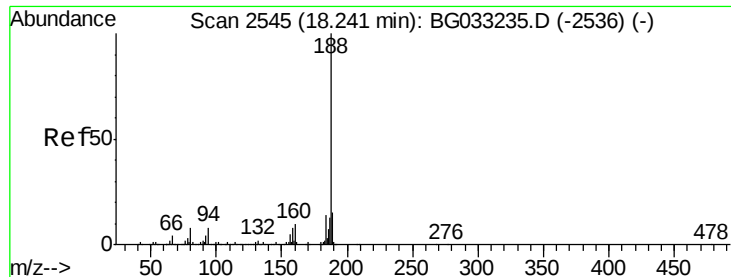
171 37.2 30.0 45.0

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

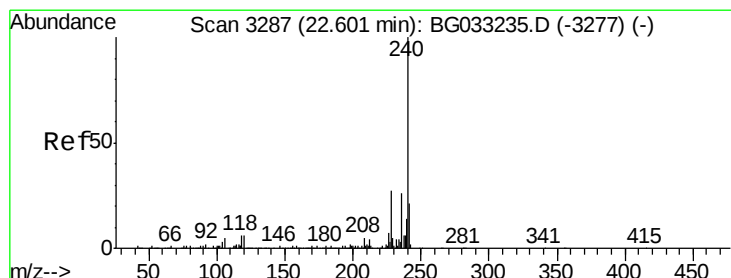
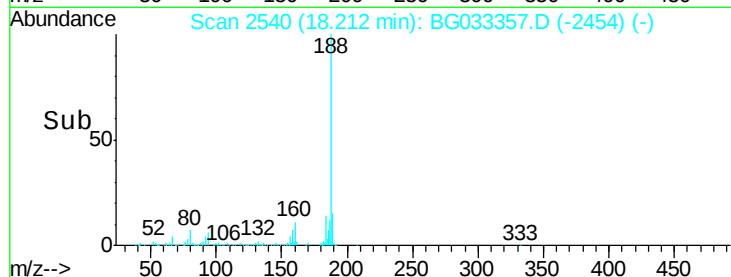
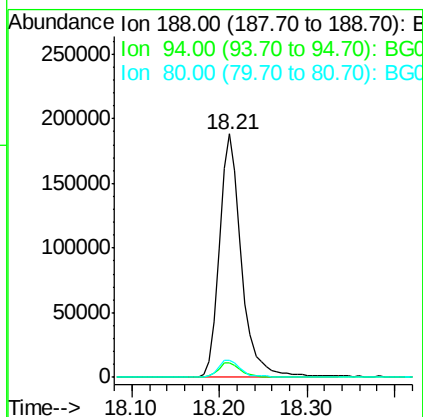
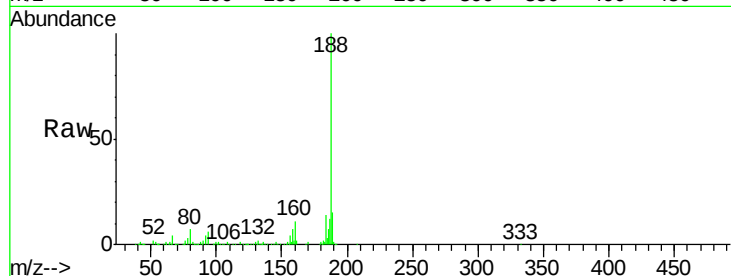




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

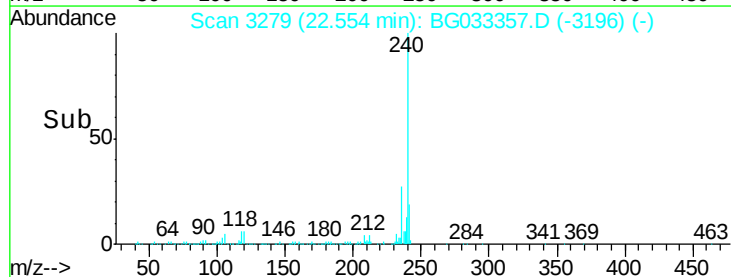
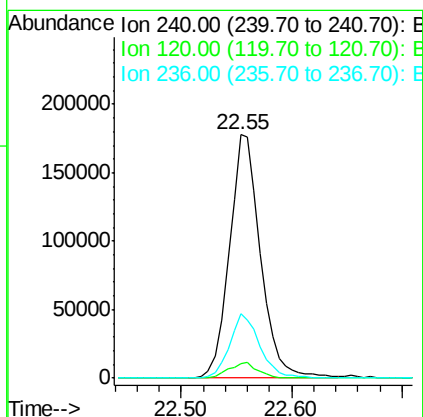
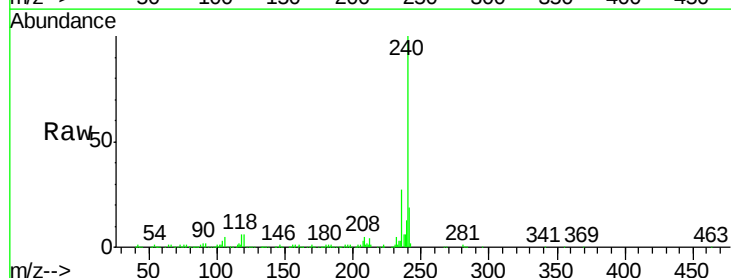
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-LOC#2

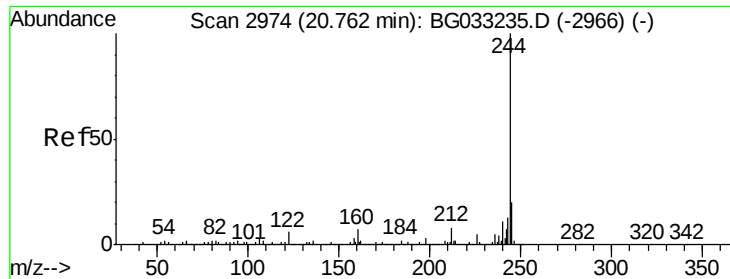
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.0	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033357.D
Acq: 27 Mar 2018 8:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.5	20.9	31.3





#78

Terphenyl-d14

Concen: 98.498 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-LOC#2

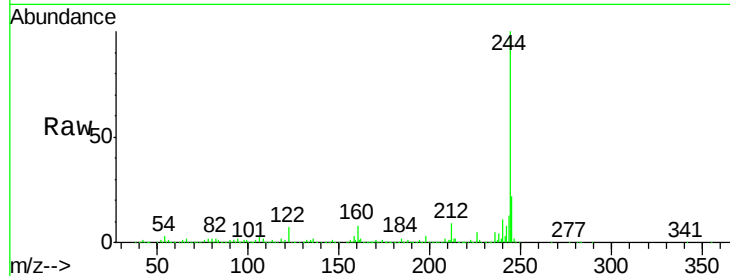
Tgt Ion:244 Resp: 1612433

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

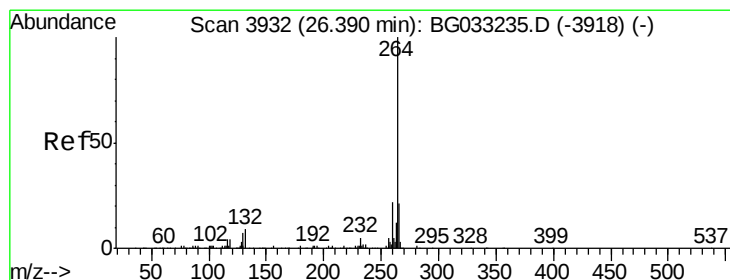
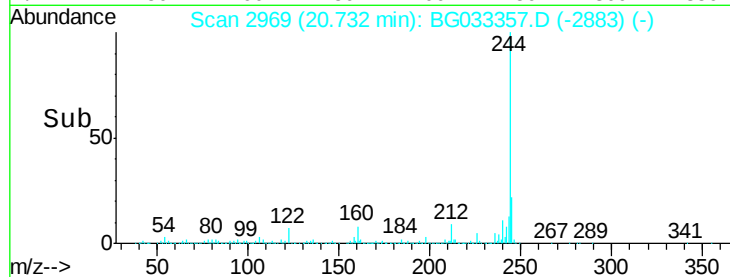
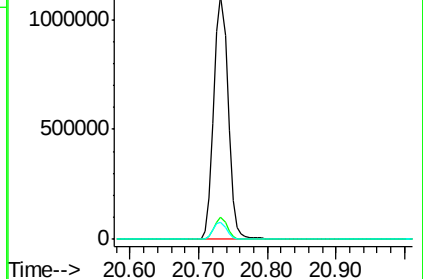
122 7.2 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033357.D

Acq: 27 Mar 2018 8:24

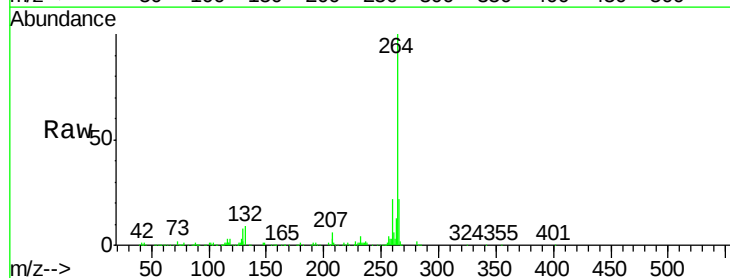
Tgt Ion:264 Resp: 365542

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 21.8 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

