

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033488.D
 Acq On : 2 Apr 2018 15:39
 Operator : SJ/JU
 Sample : J2104-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180219-FIELD-BLANK

Quant Time: Apr 03 04:26:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36848	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158263	20.00	ng	-0.02
38) Acenaphthene-d10	15.48	164	124687	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	354247	20.00	ng	0.00
75) Chrysene-d12	22.56	240	359674	20.00	ng	0.00
86) Perylene-d12	26.32	264	376427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	130569	66.44	ng	0.00
7) Phenol-d6	7.98	99	119980	35.53	ng	0.00
23) Nitrobenzene-d5	10.06	82	326661	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	277987	149.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	823427	95.34	ng	0.00
78) Terphenyl-d14	20.73	244	1562776	92.92	ng	0.00

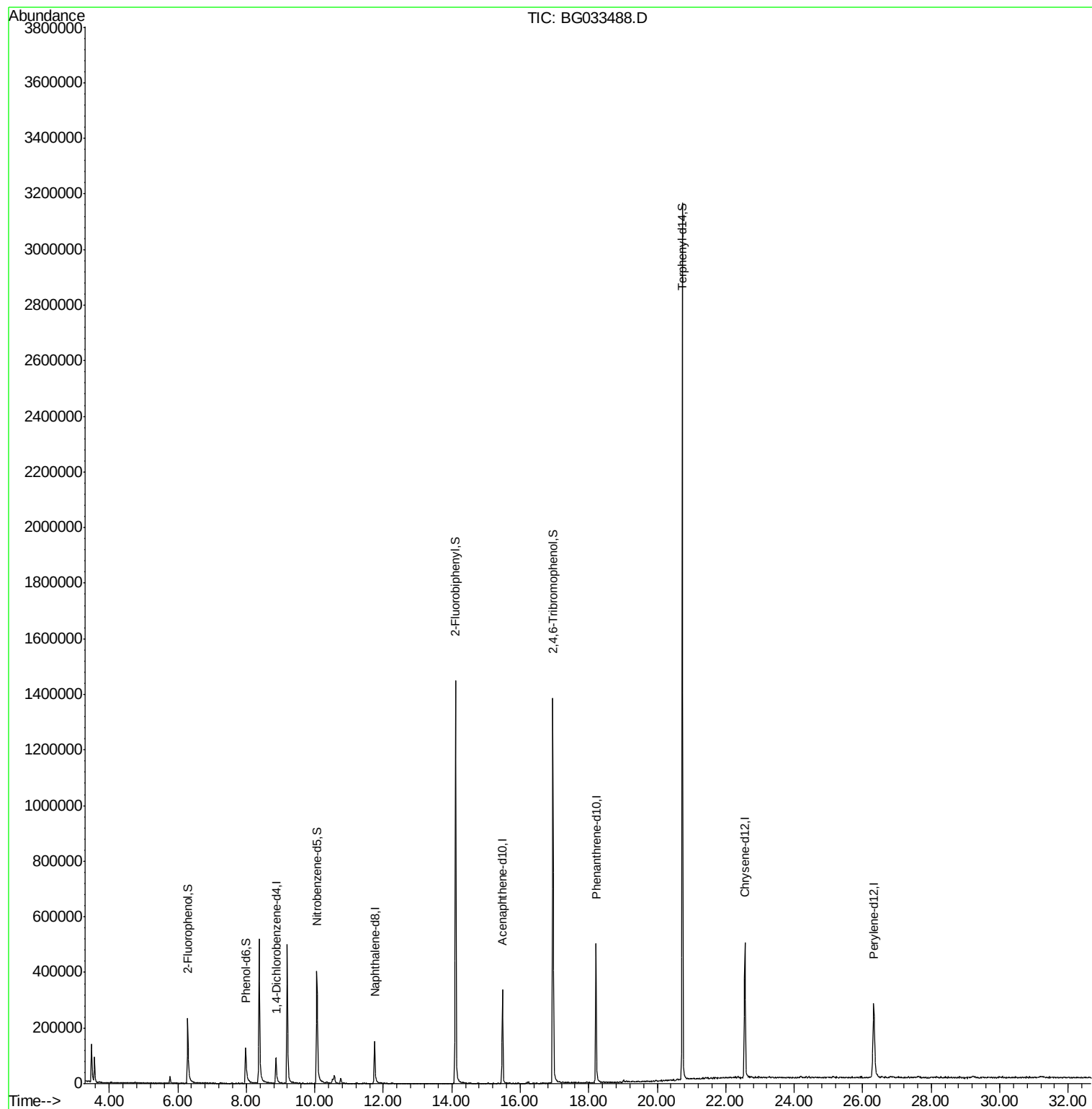
Target Compounds Qvalue

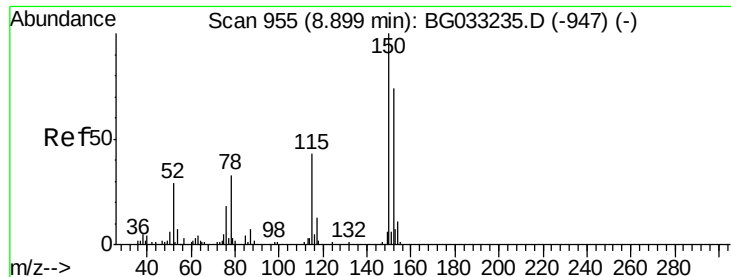
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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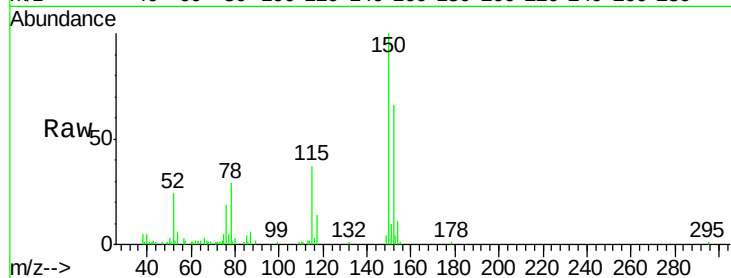


#1

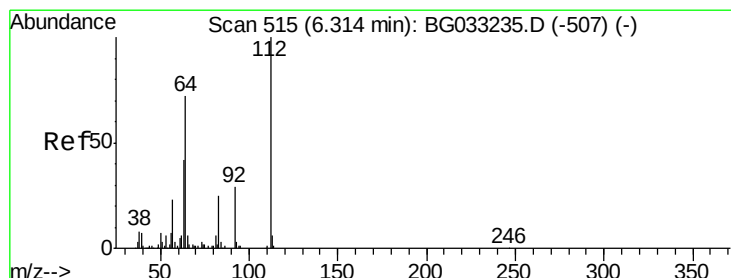
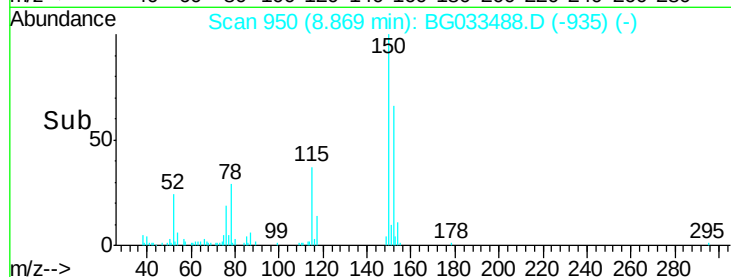
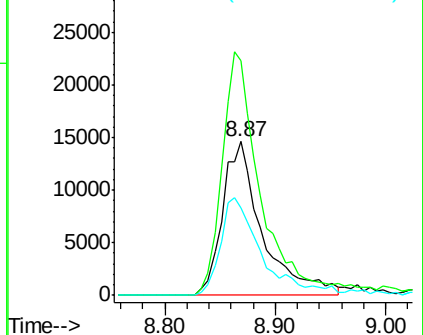
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Instrument :
BNA_G
ClientSampleId :
20180219-FIELD-BLANK

Tot Ion:152 Resp: 36848
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 57.1 53.0 79.4



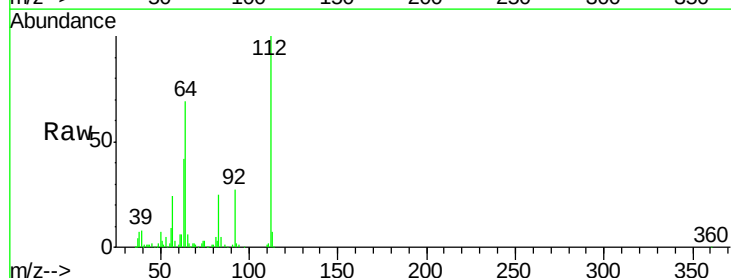
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



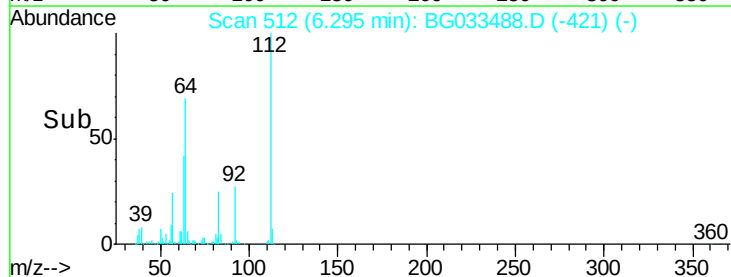
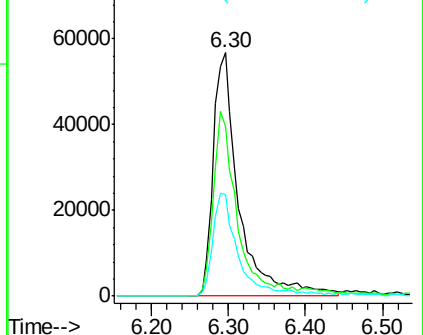
#5

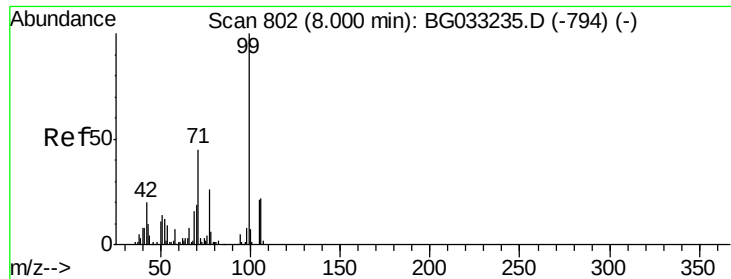
2-Fluorophenol
Concen: 66.444 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Tgt Ion:112 Resp: 130569
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 41.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.534 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampleId :

20180219-FIELD-BLANK

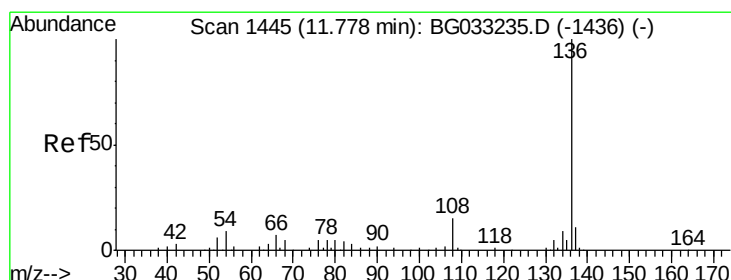
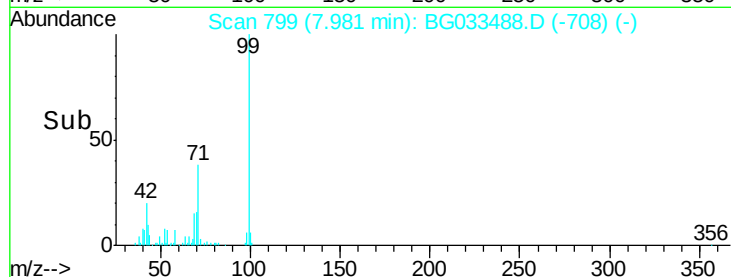
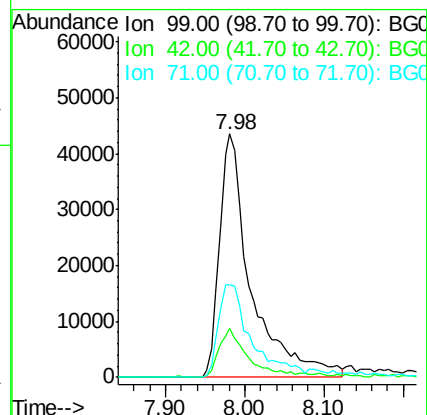
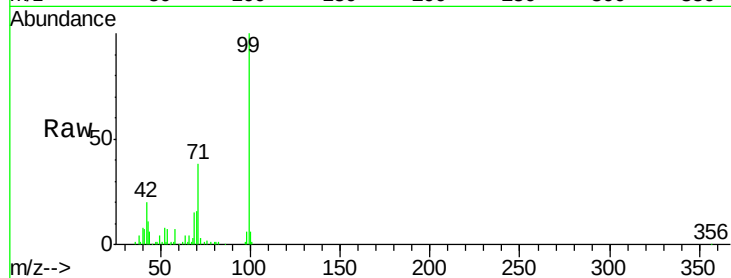
Tot Ion: 99 Resp: 119980

Ion Ratio Lower Upper

99 100

42 20.0 14.1 21.1

71 37.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Tgt Ion: 136 Resp: 158263

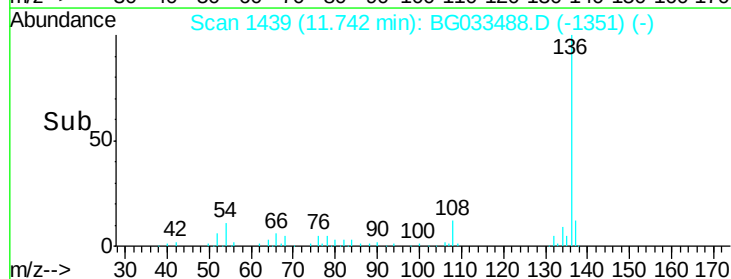
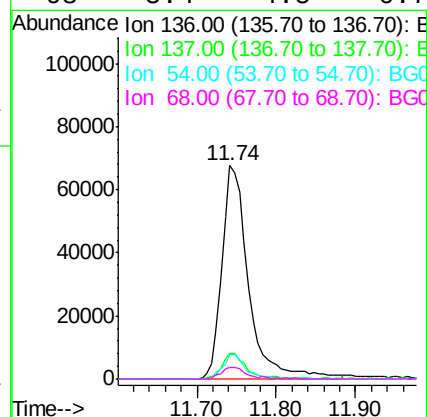
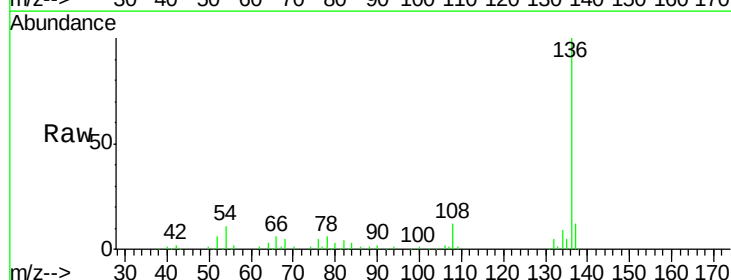
Ion Ratio Lower Upper

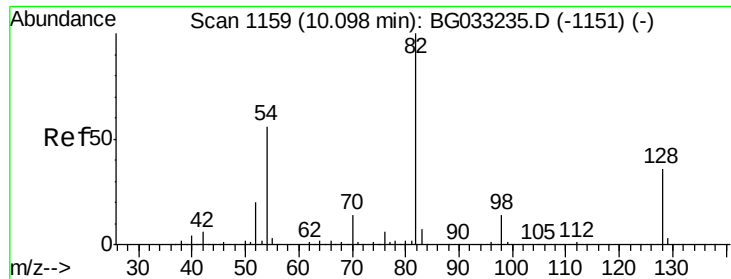
136 100

137 12.2 9.2 13.8

54 11.1 10.3 15.5

68 5.4 4.5 6.7

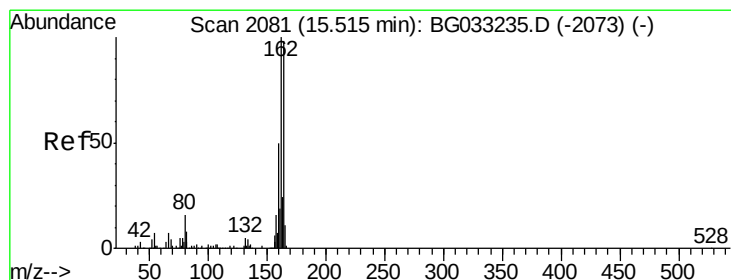
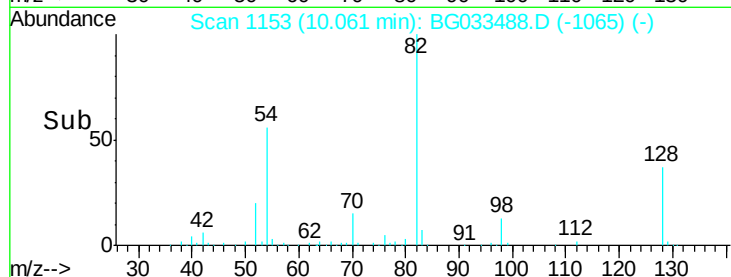
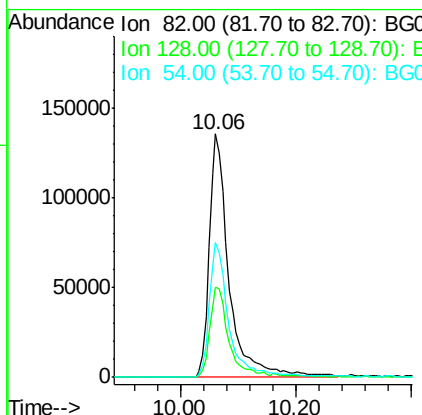
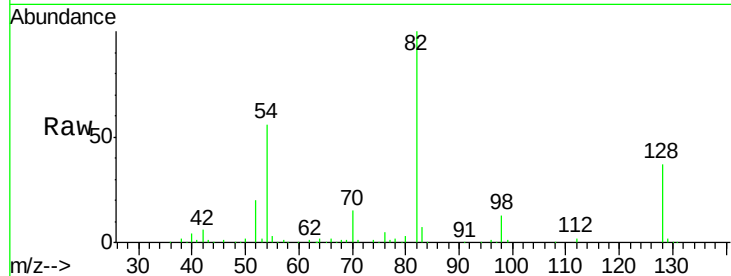




#23
 Nitrobenzene-d5
 Concen: 94.830 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

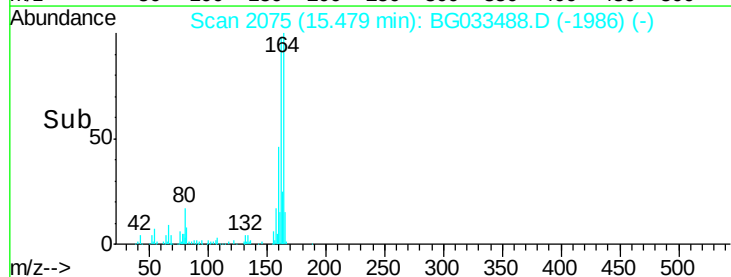
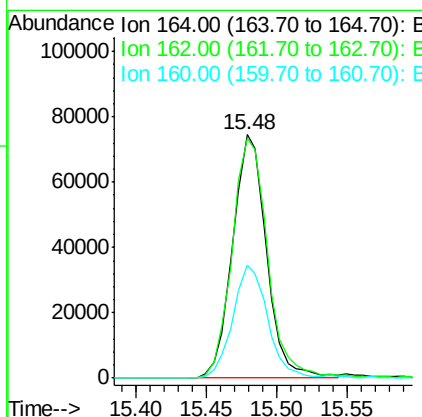
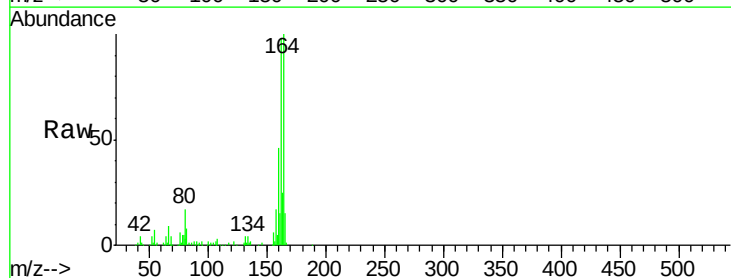
Instrument :
 BNA_G
 ClientSampleId :
 20180219-FIELD-BLANK

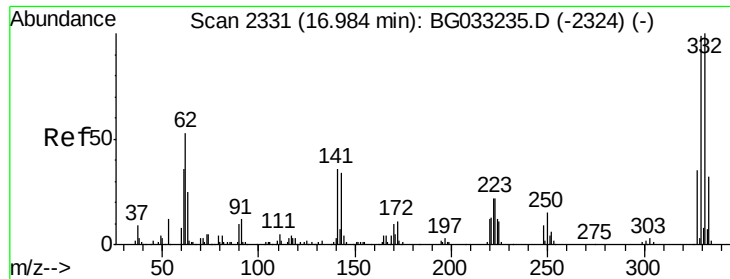
Tot Ion: 82 Resp: 326661
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.7 44.5
 54 55.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion: 164 Resp: 124687
 Ion Ratio Lower Upper
 164 100
 162 98.4 78.8 118.2
 160 46.2 35.4 53.0

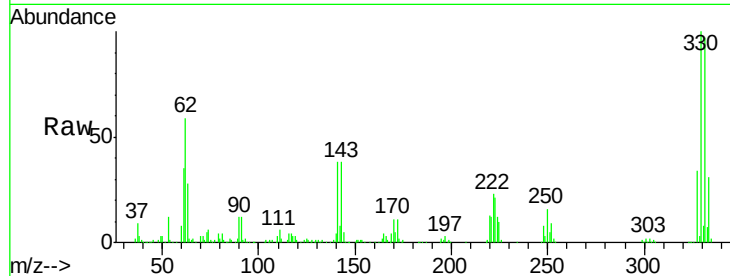




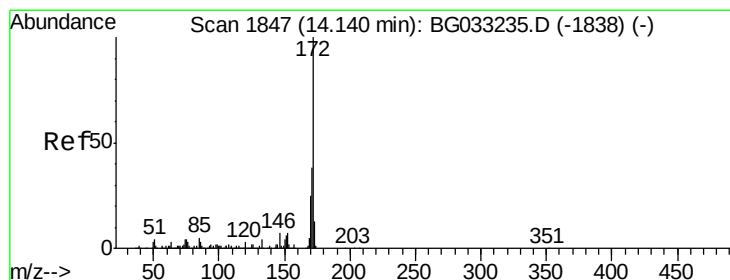
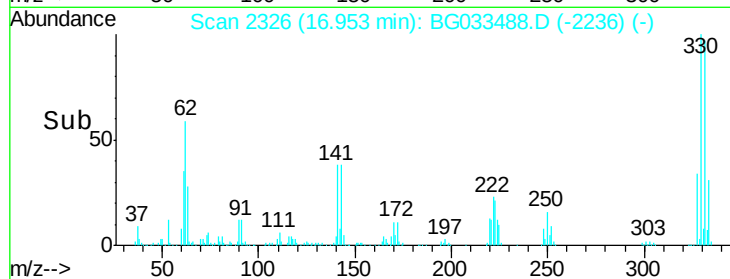
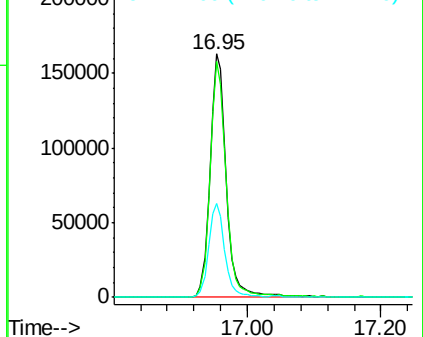
#41
 2,4,6-Tribromophenol
 Concen: 149.068 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :
 20180219-FIELD-BLANK

Tot Ion:330 Resp: 277987
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.0 25.2 37.8#

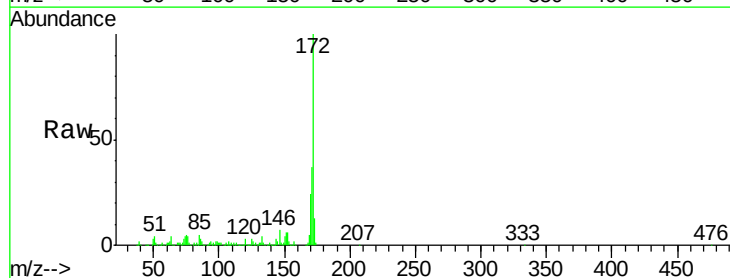


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

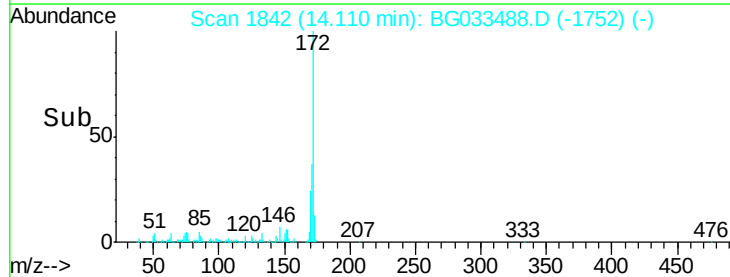
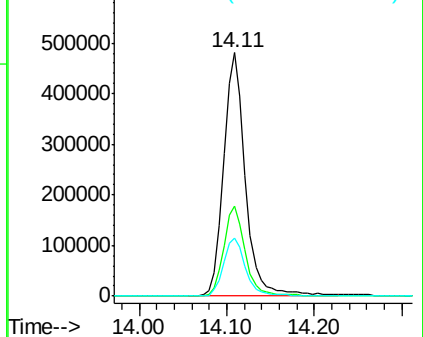


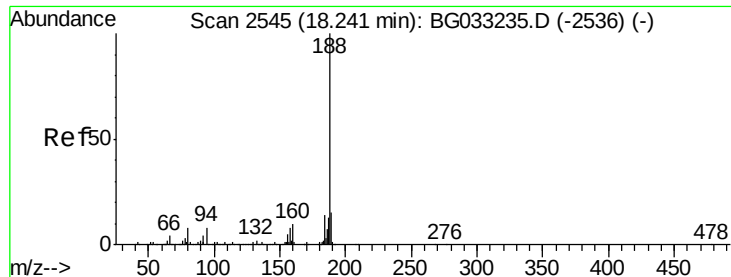
#44
 2-Fluorobiphenyl
 Concen: 95.337 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033488.D
 Acq: 2 Apr 2018 15:39

Tgt Ion:172 Resp: 823427
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 24.0 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

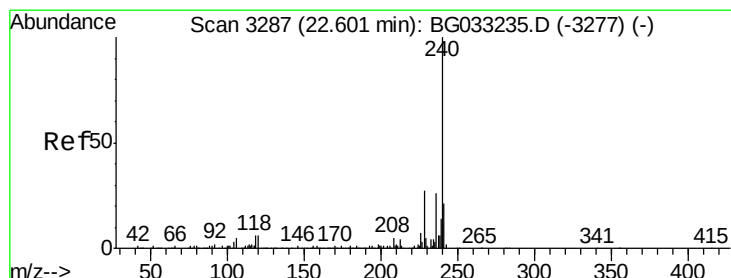
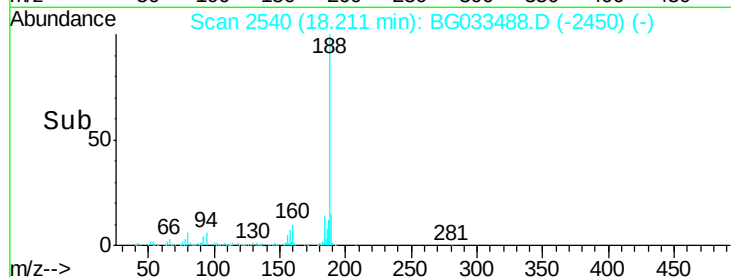
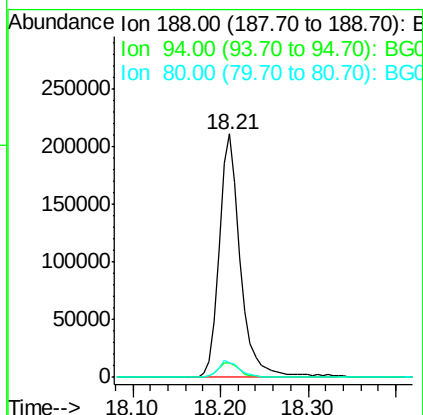
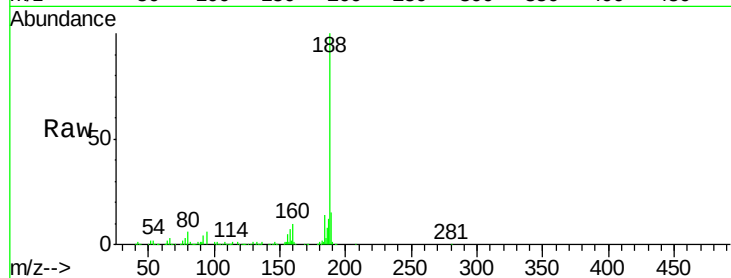




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

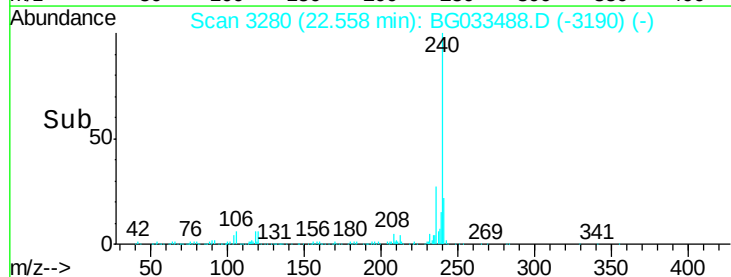
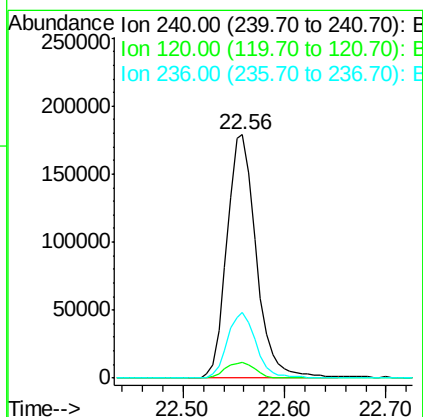
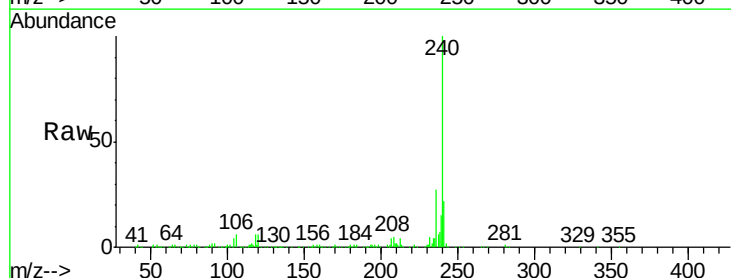
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ClientSampleId :
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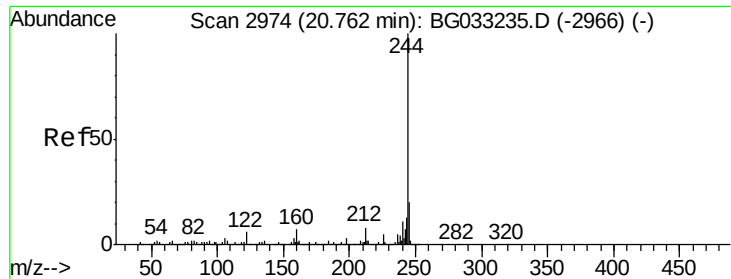
Tot Ion:188 Resp: 354247
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033488.D
Acq: 2 Apr 2018 15:39

Tgt Ion:240 Resp: 359674
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 92.922 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

Instrument :

BNA_G

ClientSampleId :

20180219-FIELD-BLANK

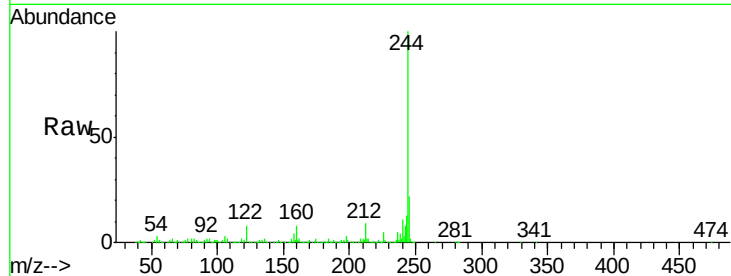
Tot Ion:244 Resp: 1562776

Ion Ratio Lower Upper

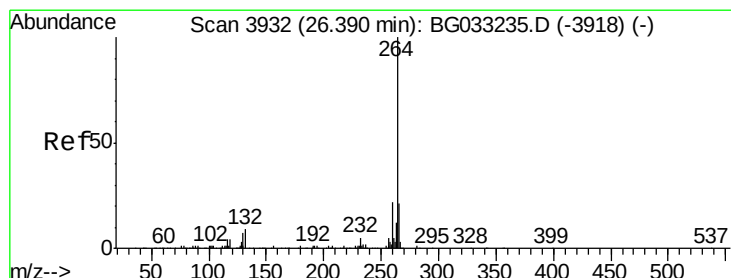
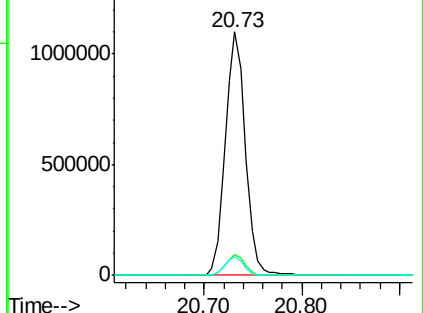
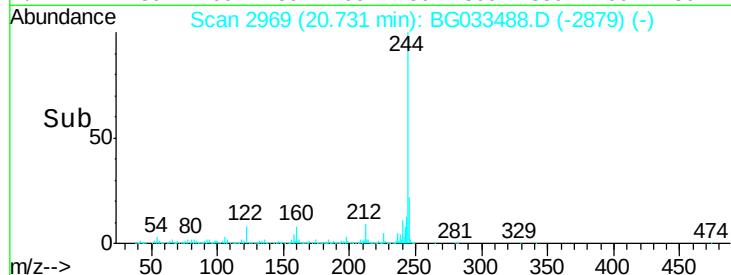
244 100

212 8.7 5.8 8.8

122 7.7 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# 3920

Delta R.T. -0.02 min

Lab File: BG033488.D

Acq: 2 Apr 2018 15:39

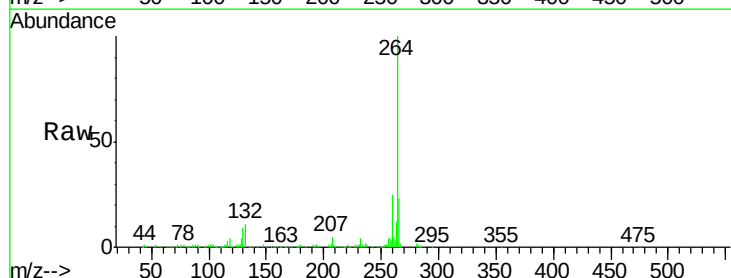
Tgt Ion:264 Resp: 376427

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.5 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

