

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033715.D
 Acq On : 10 Apr 2018 16:08
 Operator : SJ/JU
 Sample : J2158-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-040618

Quant Time: Apr 10 17:22:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34019	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	136285	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97755	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	279997	20.00	ng	0.00
75) Chrysene-d12	22.55	240	324005	20.00	ng	0.00
86) Perylene-d12	26.31	264	345360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	294323	162.23	ng	0.00
7) Phenol-d6	7.97	99	401191	128.70	ng	0.00
23) Nitrobenzene-d5	10.06	82	311397	104.98	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232596	159.09	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	692063	102.20	ng	0.00
78) Terphenyl-d14	20.73	244	1615114	106.61	ng	0.00

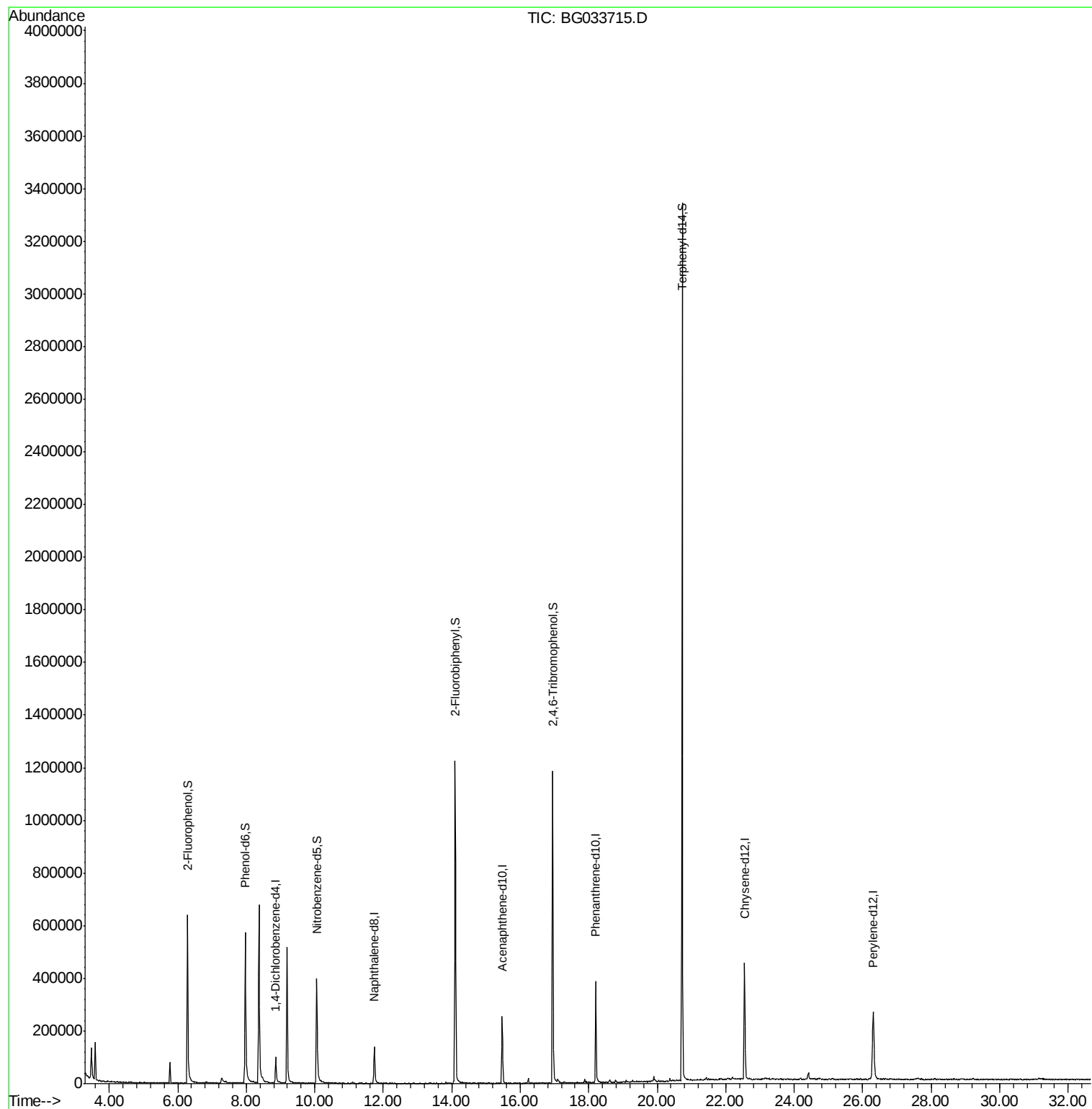
Target Compounds Qvalue

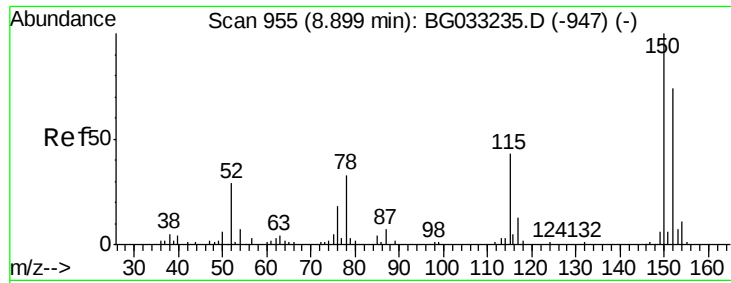
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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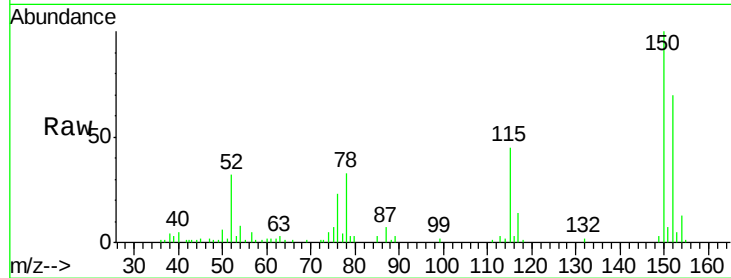


#1

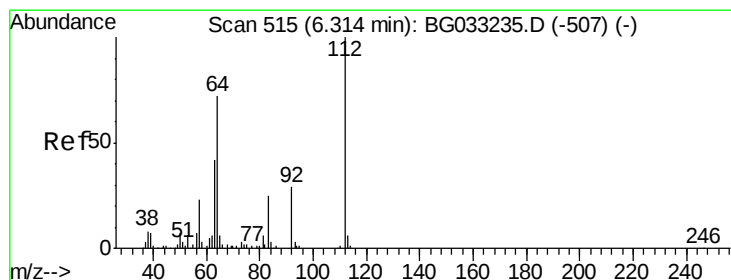
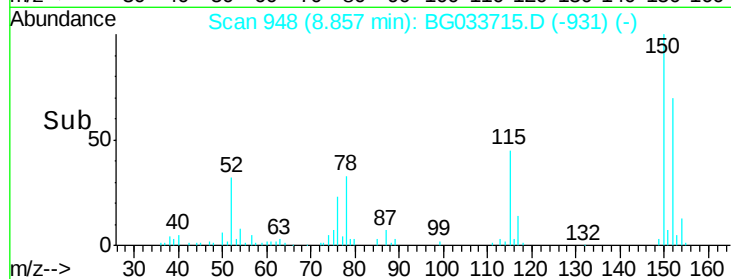
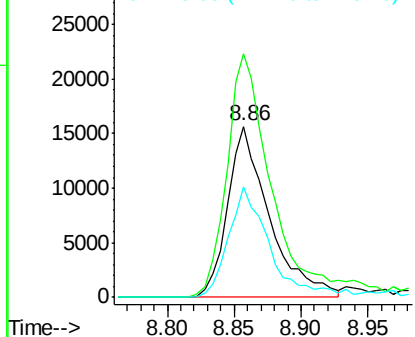
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Instrument :
BNA_G
ClientSampleId :
OK-03-040618

Tot Ion:152 Resp: 34019
Ion Ratio Lower Upper
152 100
150 142.6 126.6 189.8
115 64.8 53.0 79.4



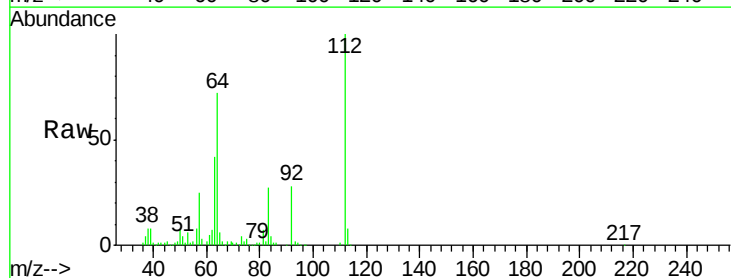
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



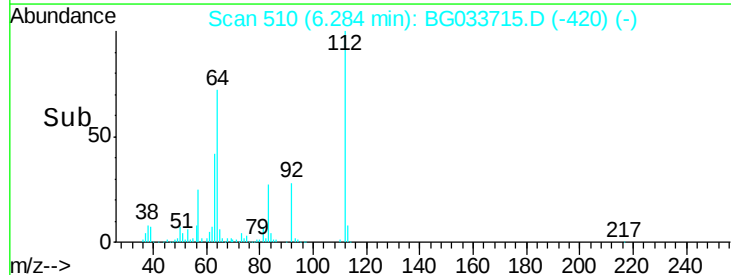
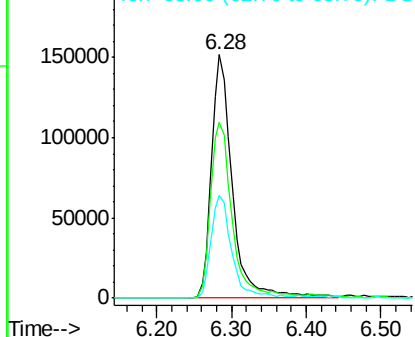
#5

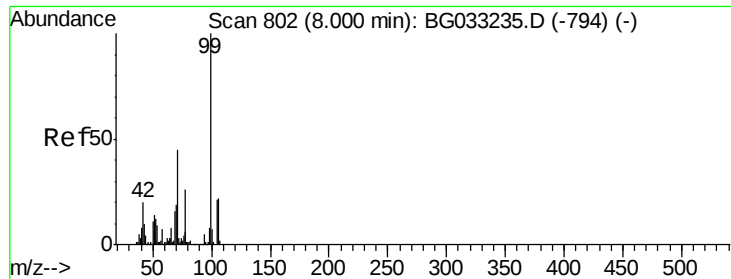
2-Fluorophenol
Concen: 162.230 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033715.D
Acq: 10 Apr 2018 16:08

Tgt Ion:112 Resp: 294323
Ion Ratio Lower Upper
112 100
64 72.4 56.3 84.5
63 42.3 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: 128.702 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

Instrument :

BNA_G

ClientSampleId :

OK-03-040618

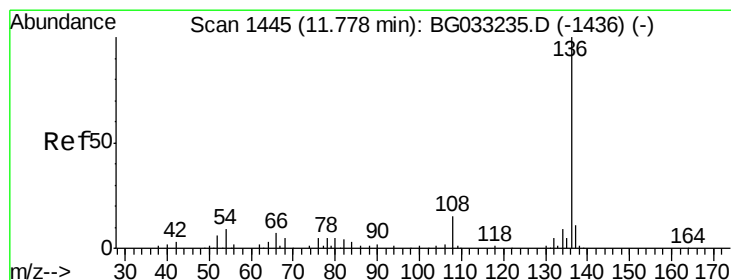
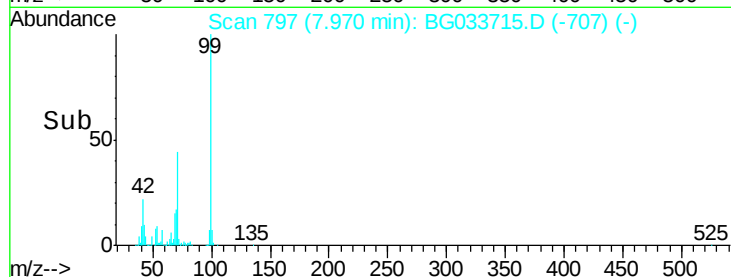
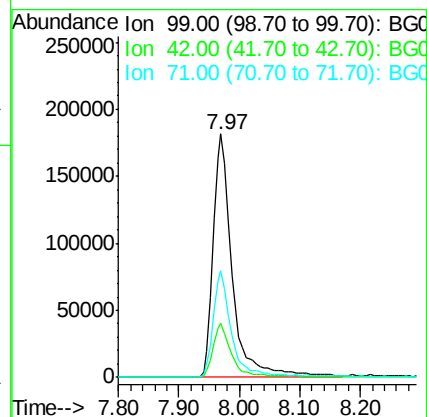
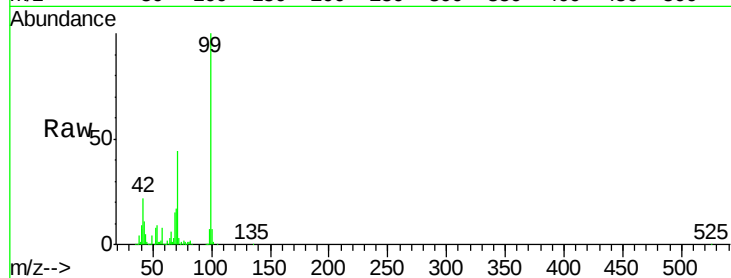
Tot Ion: 99 Resp: 401191

Ion Ratio Lower Upper

99 100

42 22.5 14.1 21.1#

71 43.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

Tgt Ion: 136 Resp: 136285

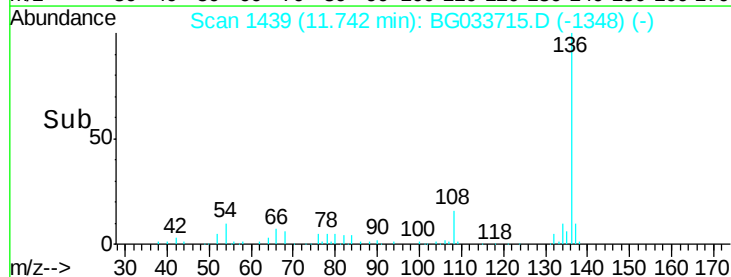
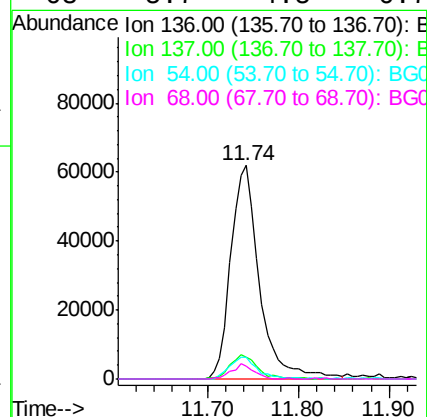
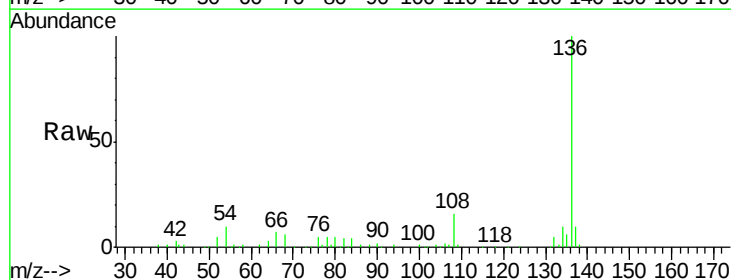
Ion Ratio Lower Upper

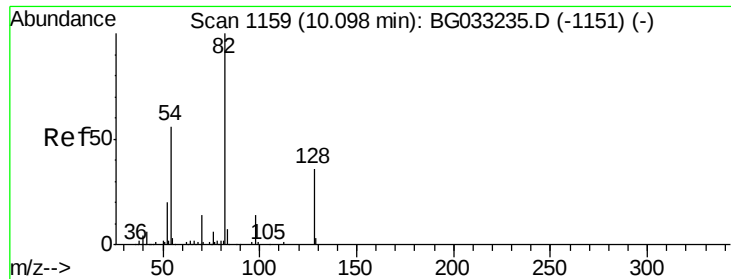
136 100

137 9.9 9.2 13.8

54 10.3 10.3 15.5#

68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 104.977 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

Instrument :

BNA_G

ClientSampleId :

OK-03-040618

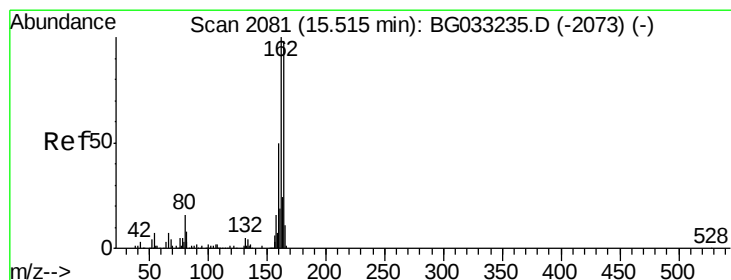
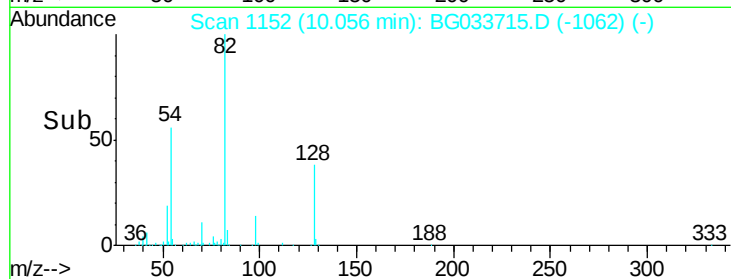
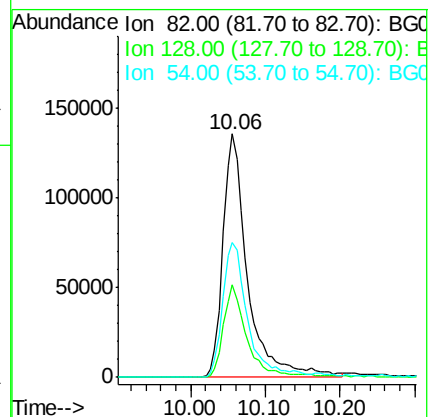
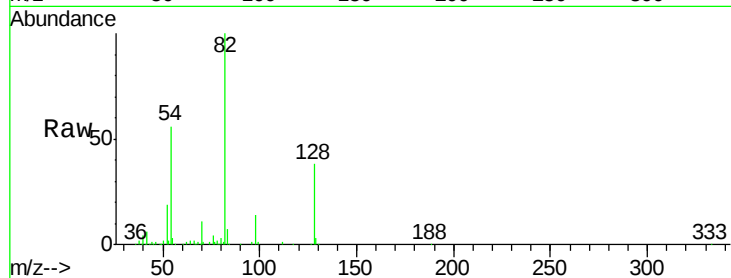
Tot Ion: 82 Resp: 311397

Ion Ratio Lower Upper

82 100

128 37.9 29.7 44.5

54 55.6 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

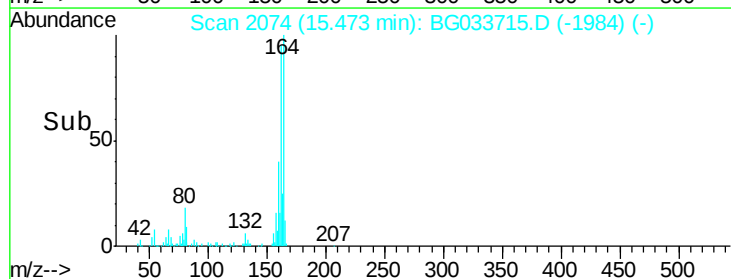
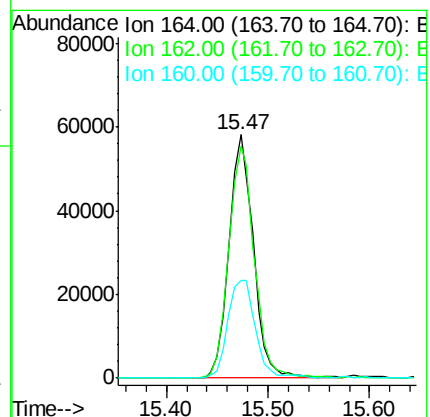
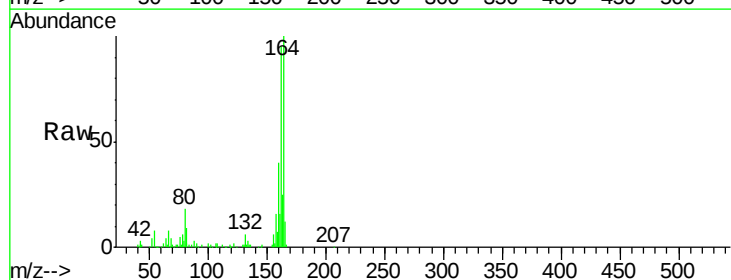
Tgt Ion: 164 Resp: 97755

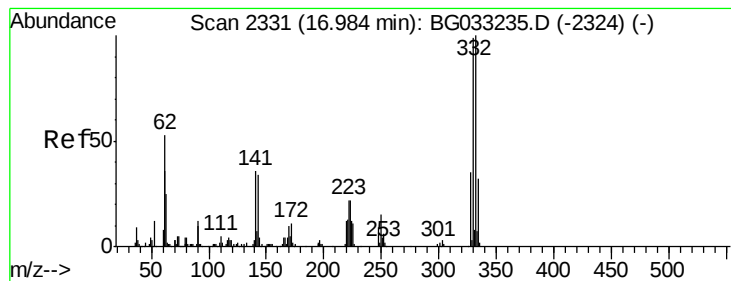
Ion Ratio Lower Upper

164 100

162 95.4 78.8 118.2

160 40.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 159.090 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

Instrument :

BNA_G

ClientSampleId :

OK-03-040618

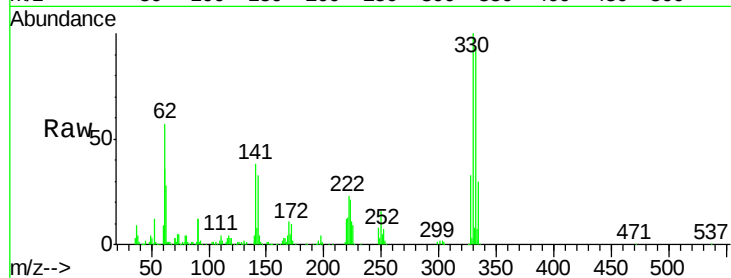
Tot Ion:330 Resp: 232596

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

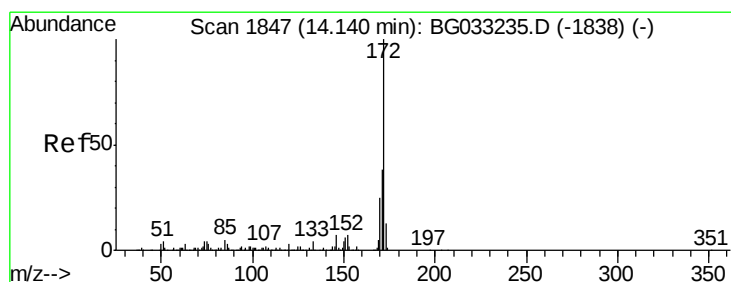
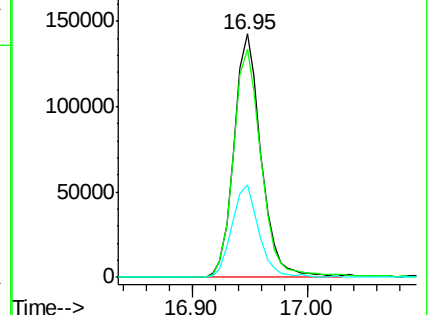
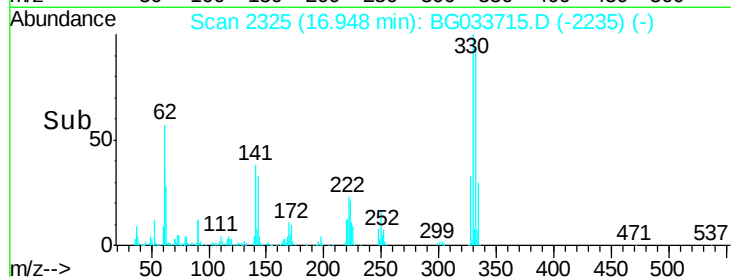
141 37.8 25.2 37.8



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: 102.203 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

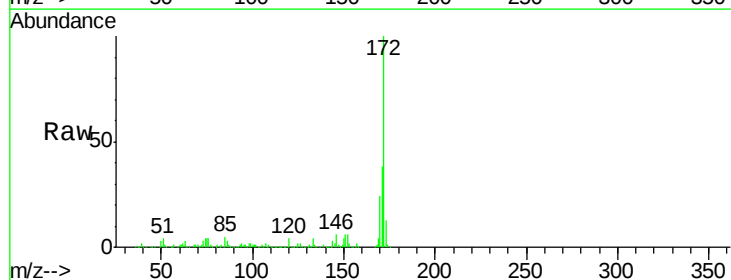
Tgt Ion:172 Resp: 692063

Ion Ratio Lower Upper

172 100

171 37.5 30.0 45.0

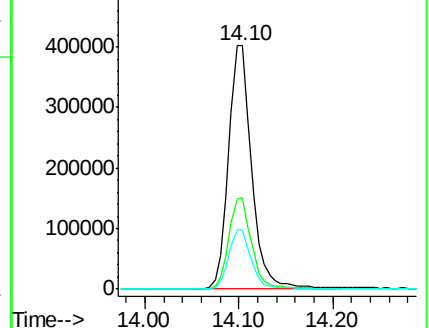
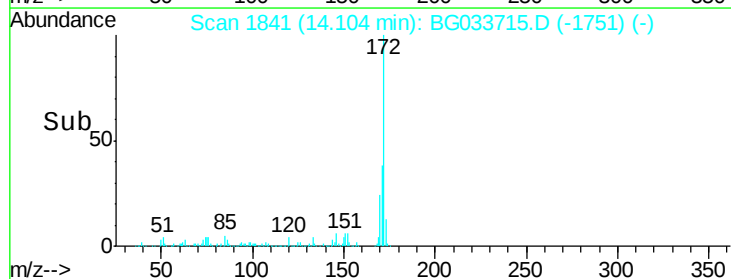
170 24.4 19.5 29.3

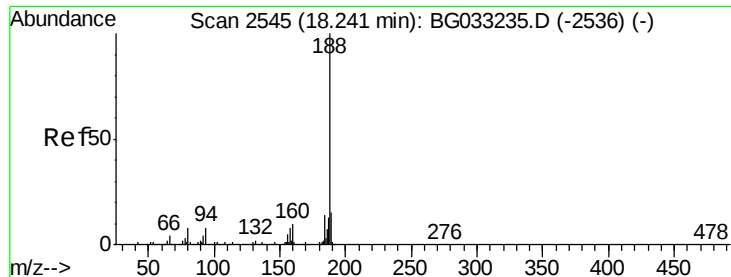


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.20 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

Instrument :

BNA_G

ClientSampleId :

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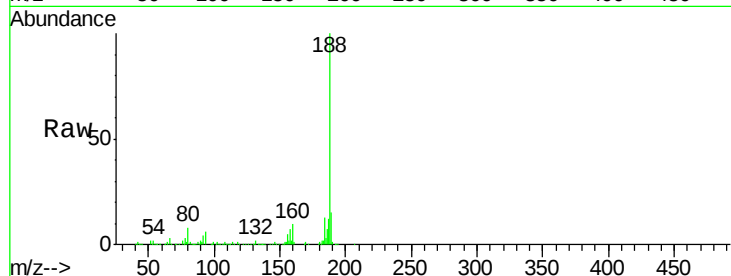
Tot Ion:188 Resp: 279997

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

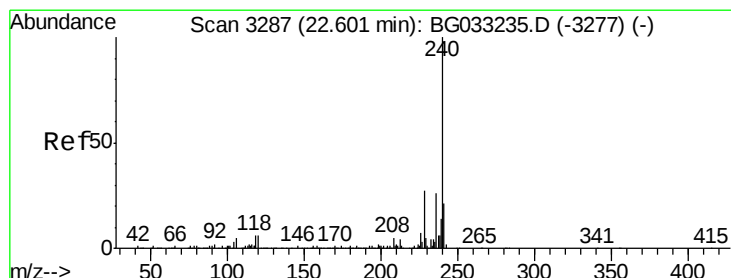
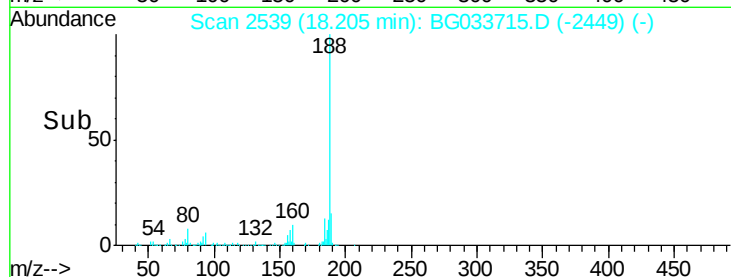
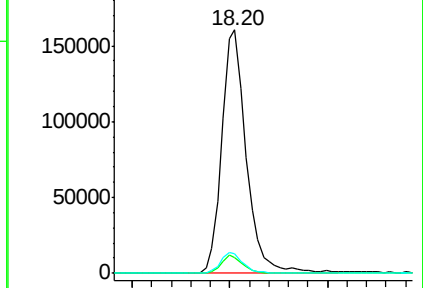
80 8.0 7.7 11.5



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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

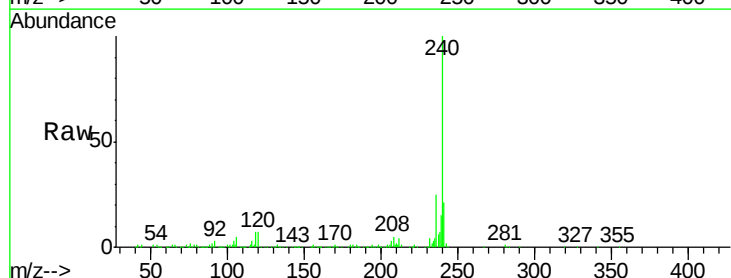
Tgt Ion:240 Resp: 324005

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

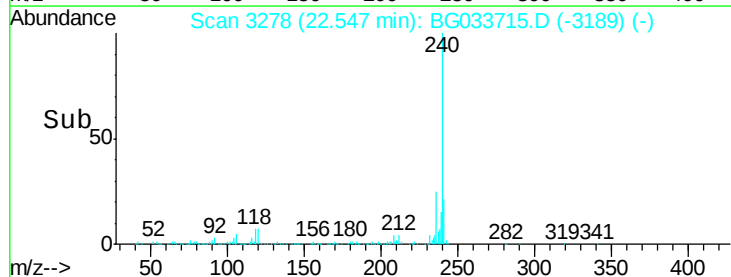
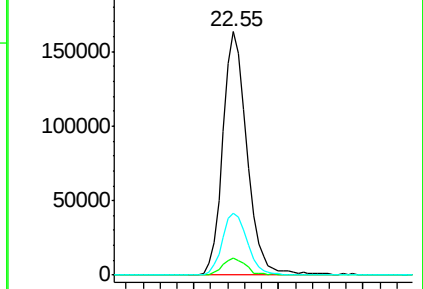
236 25.5 20.9 31.3

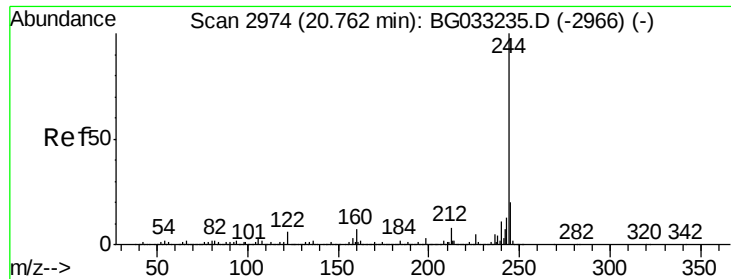


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.606 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

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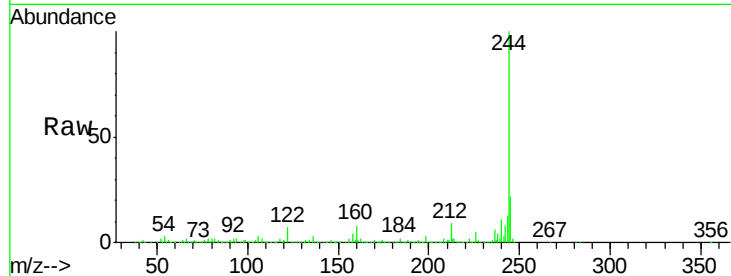
Tot Ion:244 Resp: 1615114

Ion Ratio Lower Upper

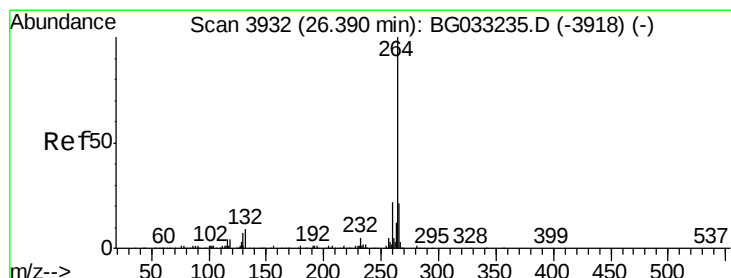
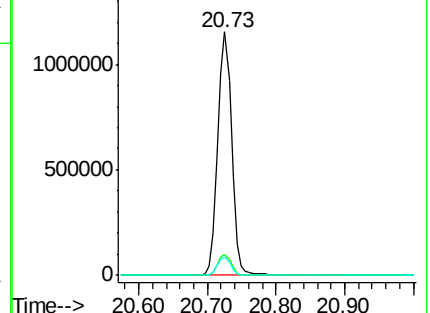
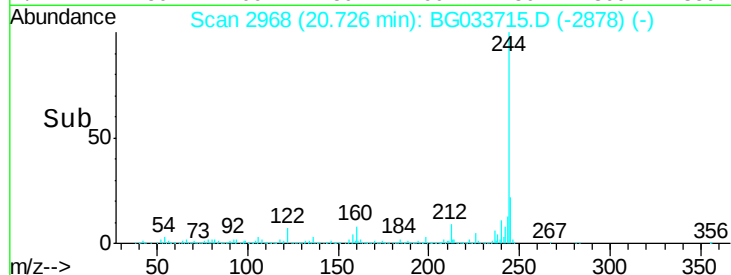
244 100

212 8.5 5.8 8.8

122 7.5 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: 26.31 min Scan# 3918

Delta R.T. -0.00 min

Lab File: BG033715.D

Acq: 10 Apr 2018 16:08

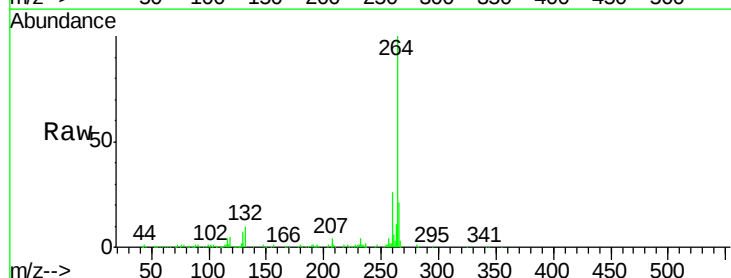
Tgt Ion:264 Resp: 345360

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 21.1 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

