

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033776.D
 Acq On : 12 Apr 2018 17:24
 Operator : SJ/JU
 Sample : J2161-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041018-B

Quant Time: Apr 13 02:59:45 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	40185	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	160389	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	109113	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	283242	20.00	ng	0.00
75) Chrysene-d12	22.55	240	292471	20.00	ng	0.00
86) Perylene-d12	26.30	264	313806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	300583	140.26	ng	0.00
7) Phenol-d6	7.97	99	370314	100.57	ng	0.00
23) Nitrobenzene-d5	10.06	82	327422	93.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	208643	127.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	714535	94.54	ng	0.00
78) Terphenyl-d14	20.73	244	1304692	95.40	ng	0.00

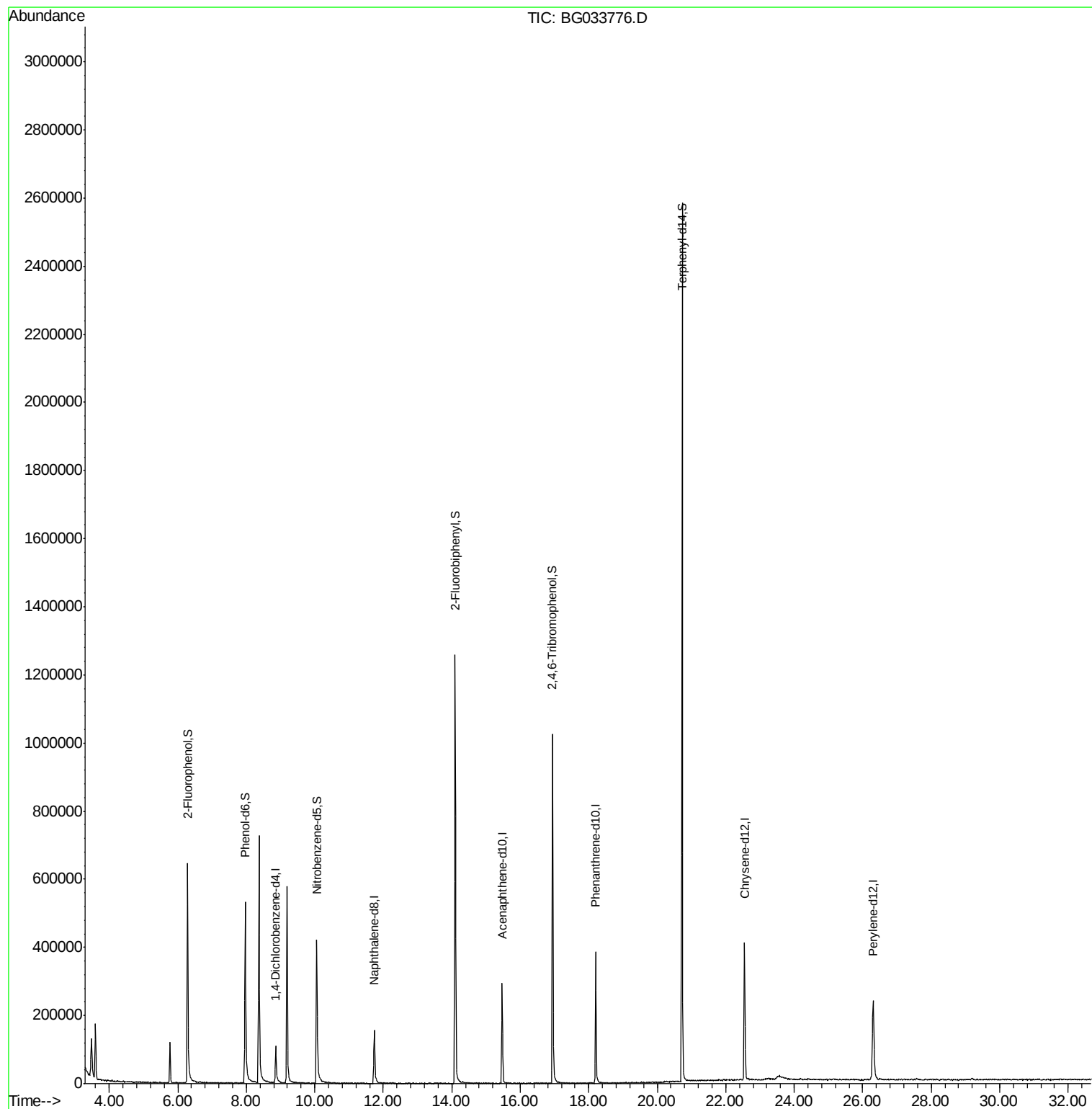
Target Compounds Qvalue

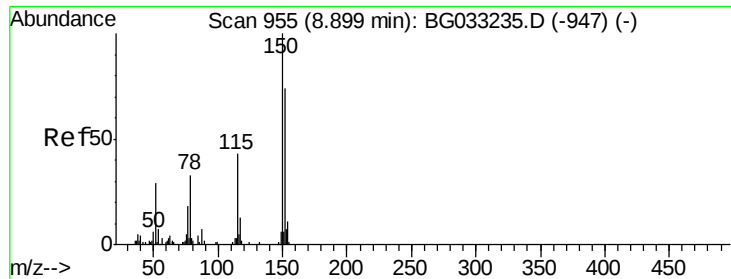
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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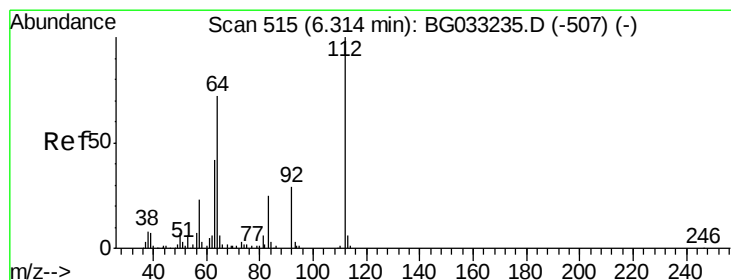
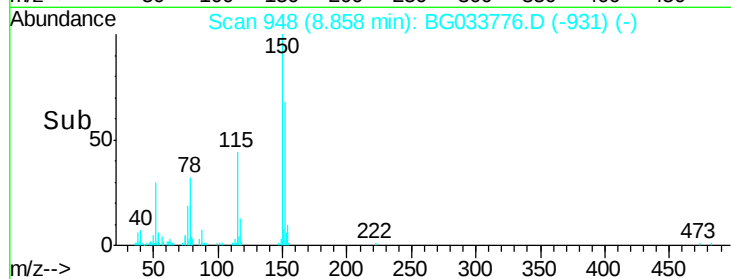
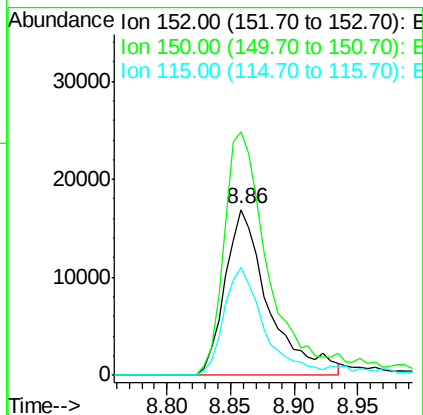
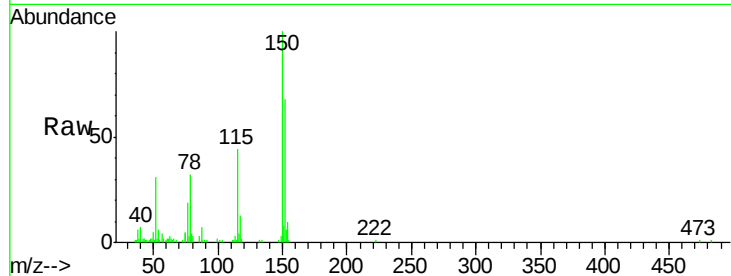


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Instrument :
BNA_G
ClientSampleId :
OR-02-041018-B

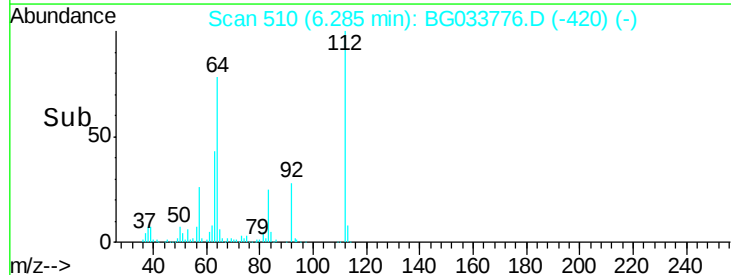
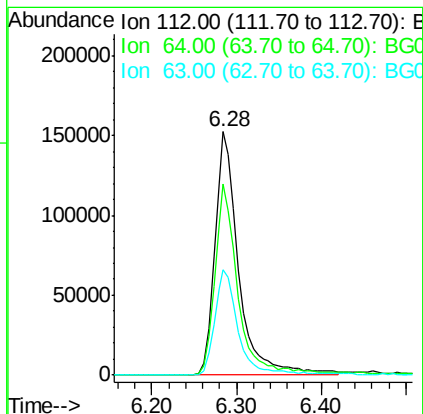
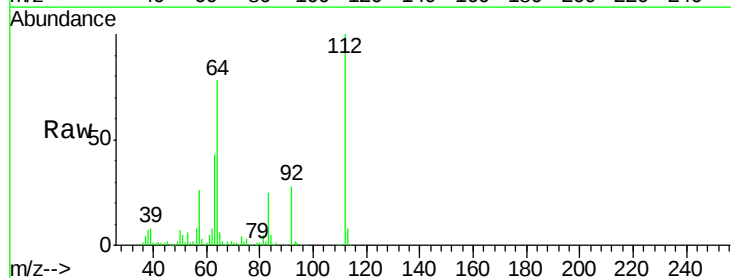
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	65.0	53.0	79.4

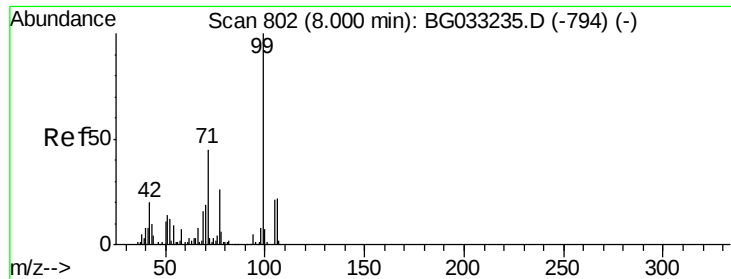


#5

2-Fluorophenol
Concen: 140.259 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	56.3	84.5
63	43.2	30.1	45.1





#7

Phenol-d6

Concen: 100.568 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-B

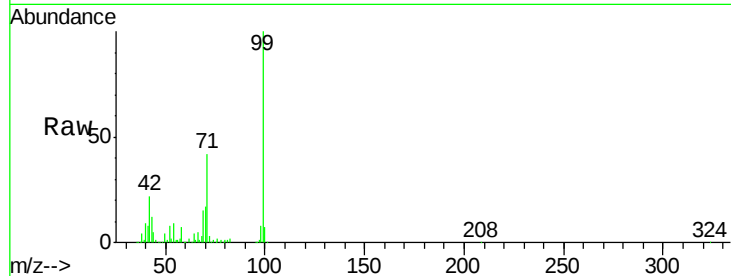
Tot Ion: 99 Resp: 370314

Ion Ratio Lower Upper

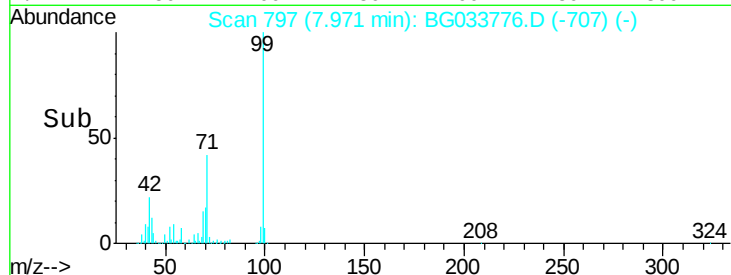
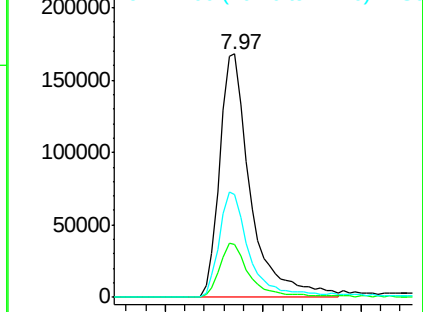
99 100

42 21.8 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: 11.74 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

Tgt Ion: 136 Resp: 160389

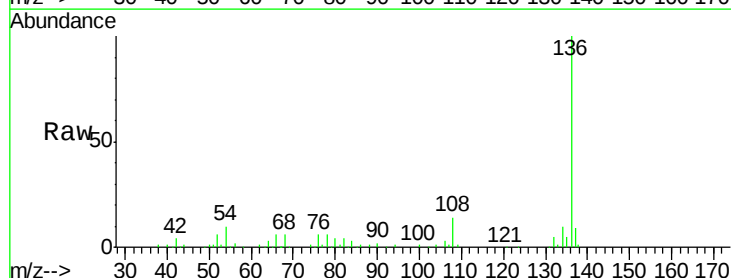
Ion Ratio Lower Upper

136 100

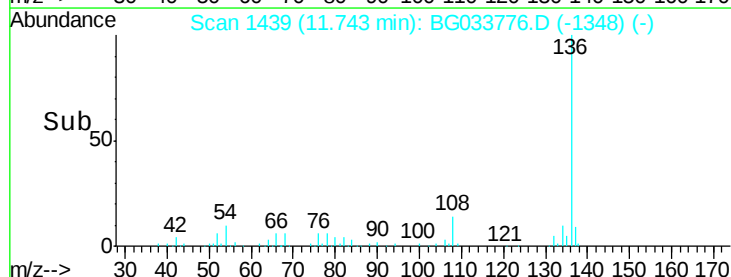
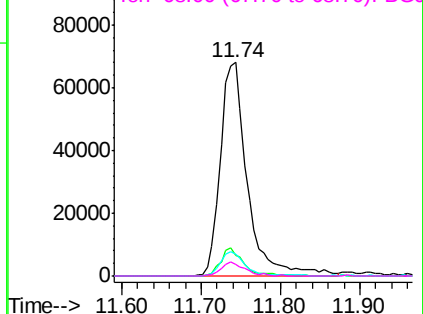
137 9.3 9.2 13.8

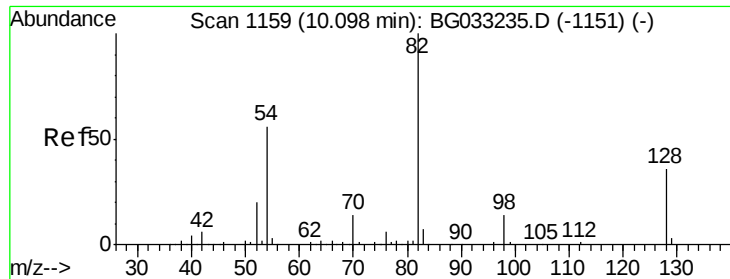
54 9.9 10.3 15.5#

68 5.6 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

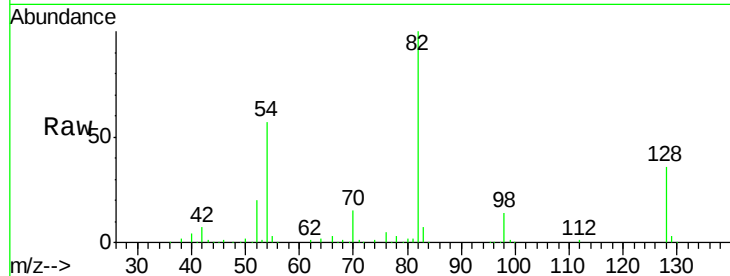




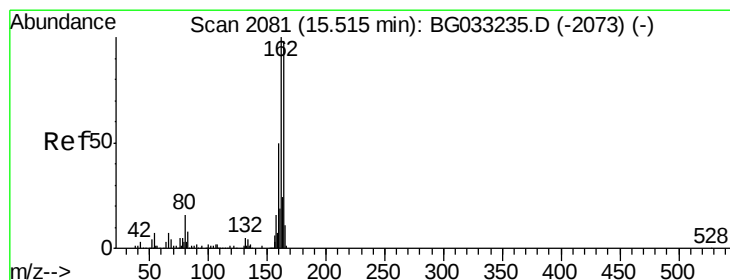
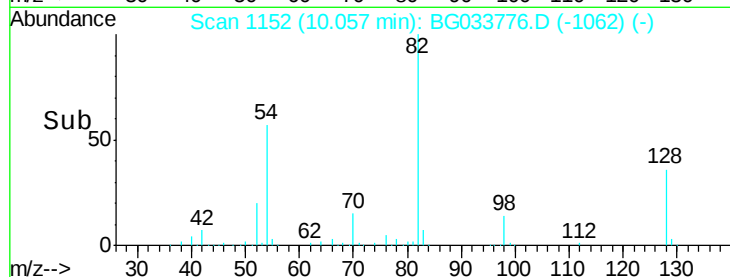
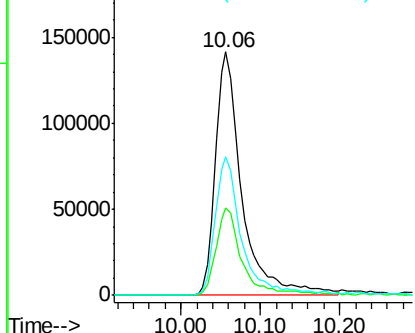
#23
 Nitrobenzene-d5
 Concen: 93.791 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041018-B

Tot Ion: 82 Resp: 327422
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 57.2 43.1 64.7

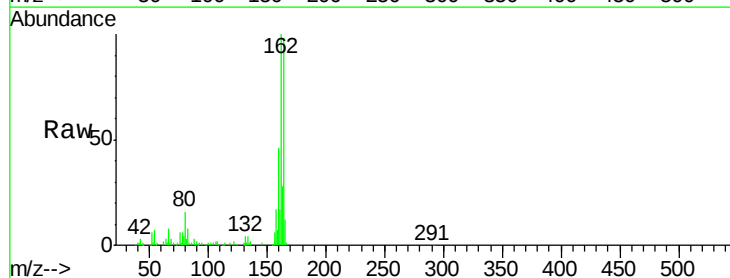


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

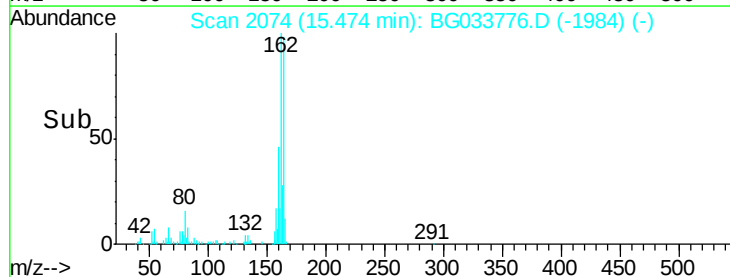
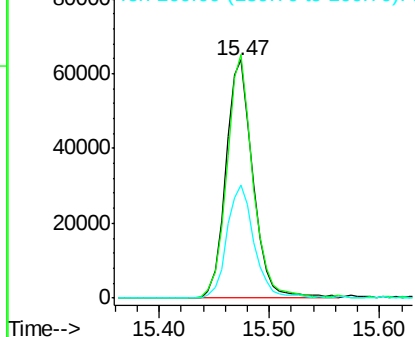


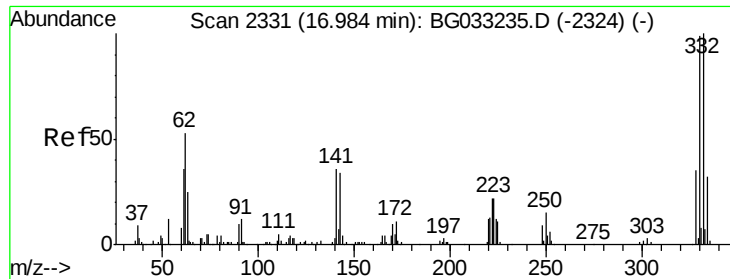
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Tgt Ion: 164 Resp: 109113
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 47.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

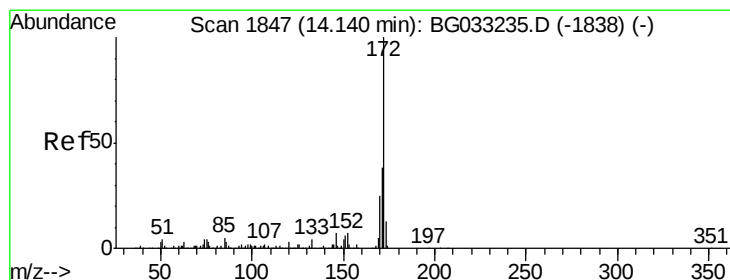
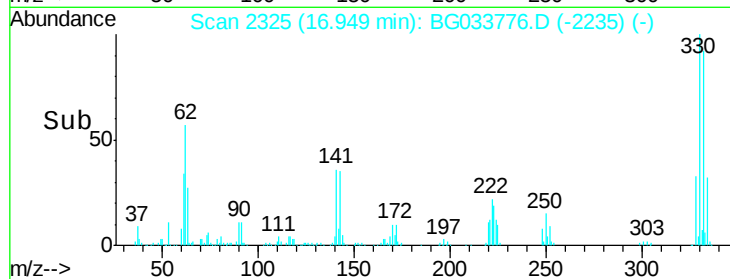
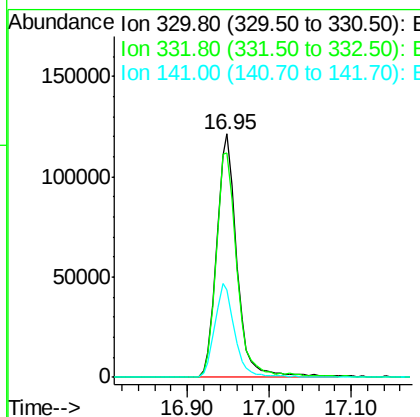
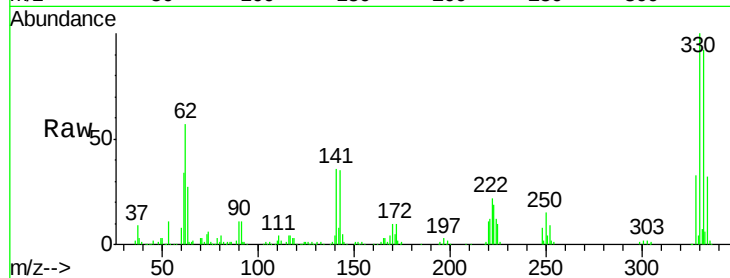




#41
 2,4,6-Tribromophenol
 Concen: 127.852 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

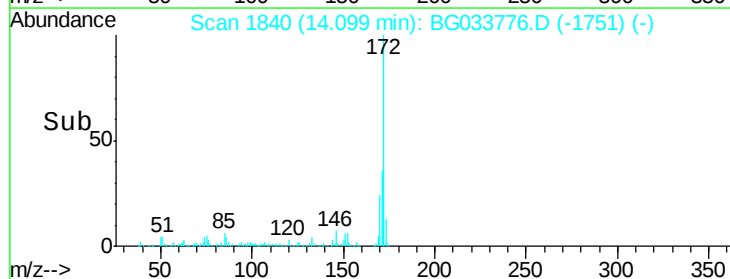
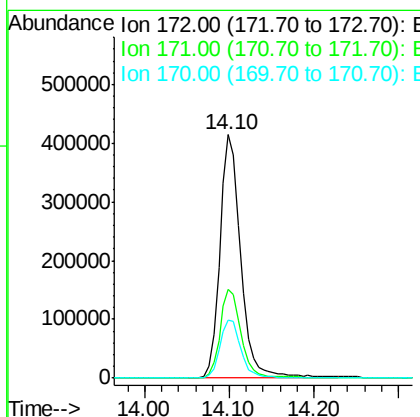
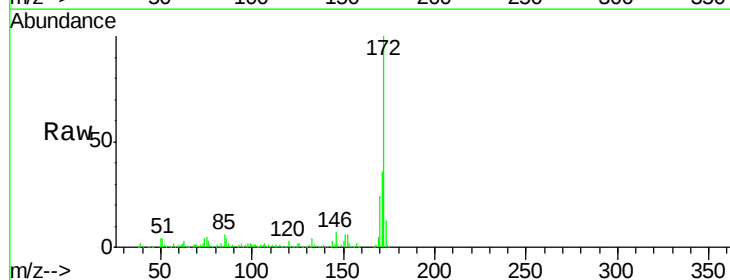
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041018-B

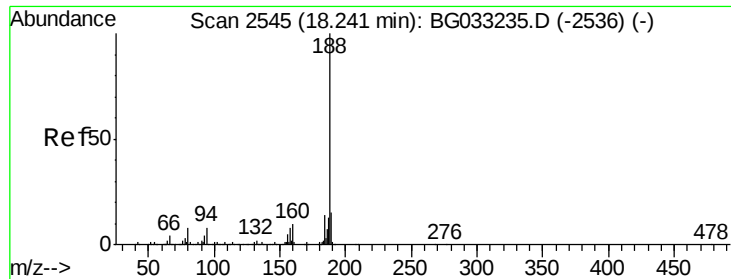
Tot Ion:330 Resp: 208643
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 38.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.538 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033776.D
 Acq: 12 Apr 2018 17:24

Tgt Ion:172 Resp: 714535
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 24.1 19.5 29.3

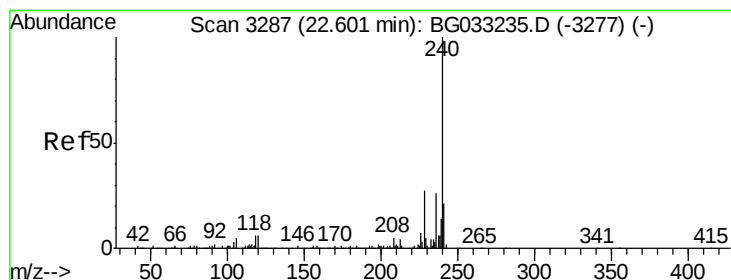
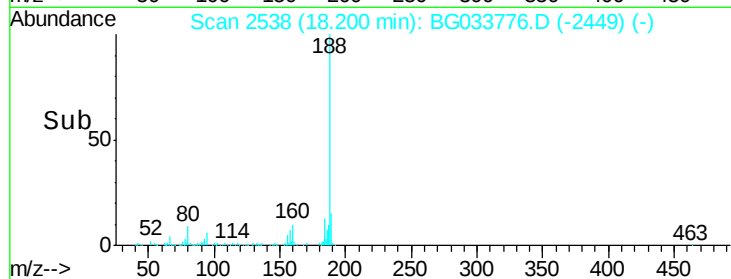
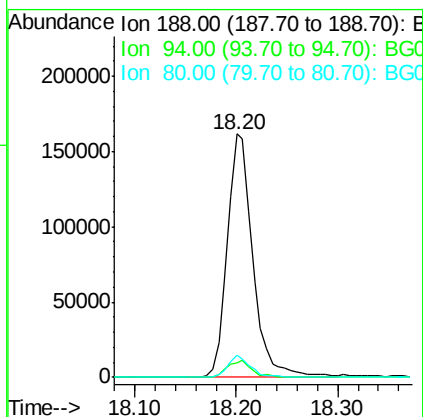
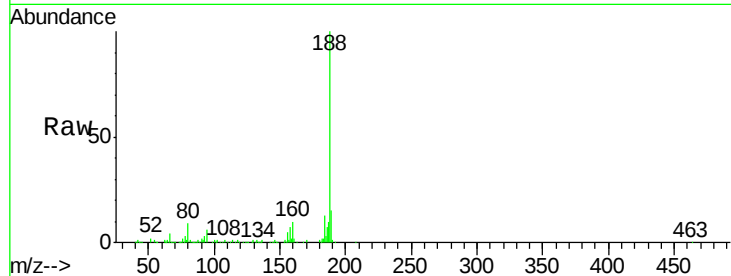




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

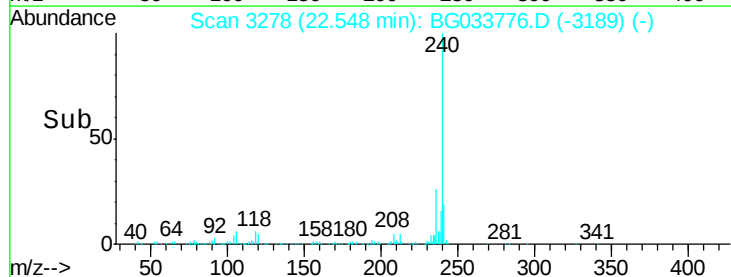
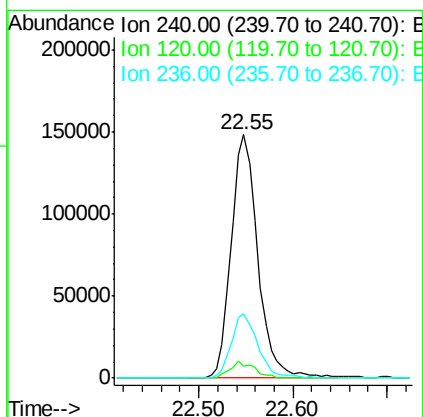
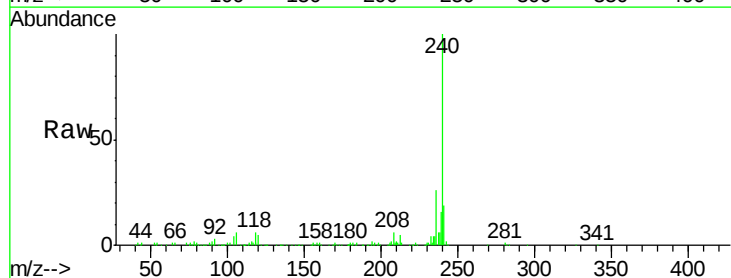
Instrument :
BNA_G
ClientSampleId :
OR-02-041018-B

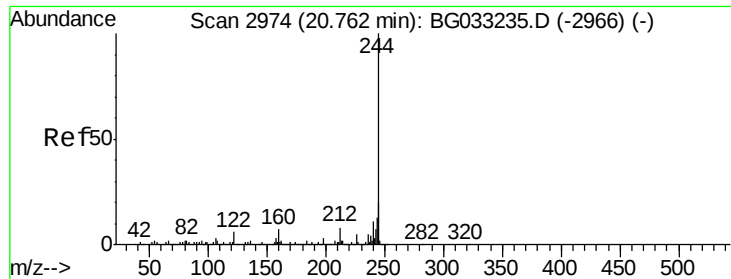
Tot Ion:188 Resp: 283242
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033776.D
Acq: 12 Apr 2018 17:24

Tgt Ion:240 Resp: 292471
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 95.402 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

Instrument :

BNA_G

ClientSampleId :

OR-02-041018-B

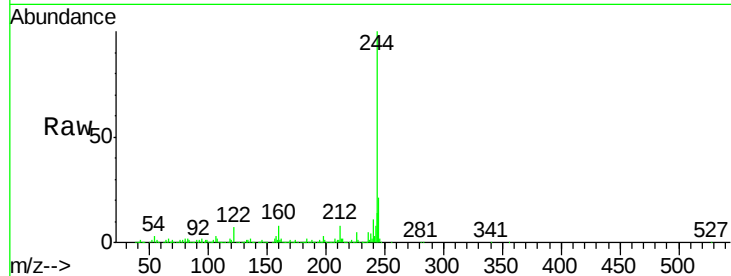
Tot Ion:244 Resp: 1304692

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

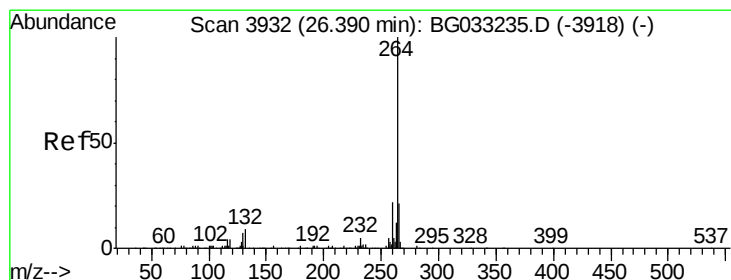
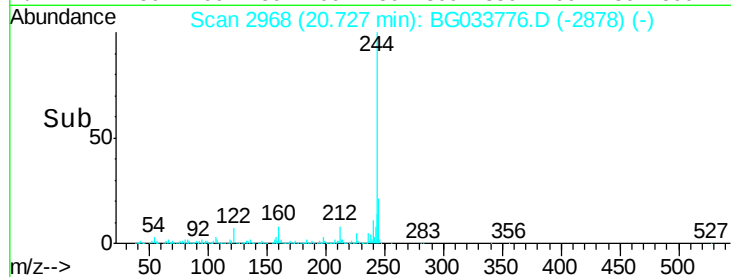
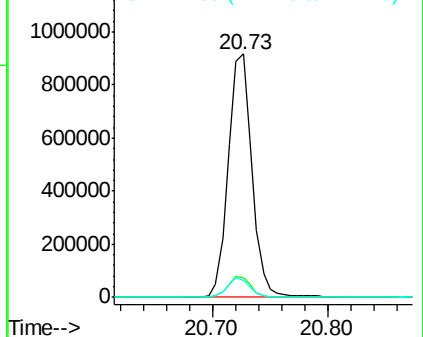
122 7.3 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033776.D

Acq: 12 Apr 2018 17:24

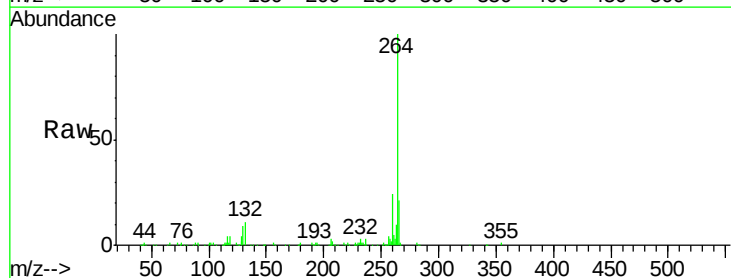
Tgt Ion:264 Resp: 313806

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.5 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

