

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033699.D
 Acq On : 10 Apr 2018 3:55
 Operator : SJ/JU
 Sample : J2155-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-040618-B

Quant Time: Apr 10 07:47:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38452	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158816	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	113495	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312940	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319945	20.00	ng	-0.01
86) Perylene-d12	26.31	264	337114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	339677	165.64	ng	0.00
7) Phenol-d6	7.97	99	463802	131.63	ng	0.00
23) Nitrobenzene-d5	10.06	82	358781	103.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236548	139.35	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	798457	101.56	ng	0.00
78) Terphenyl-d14	20.73	244	1530396	102.30	ng	0.00

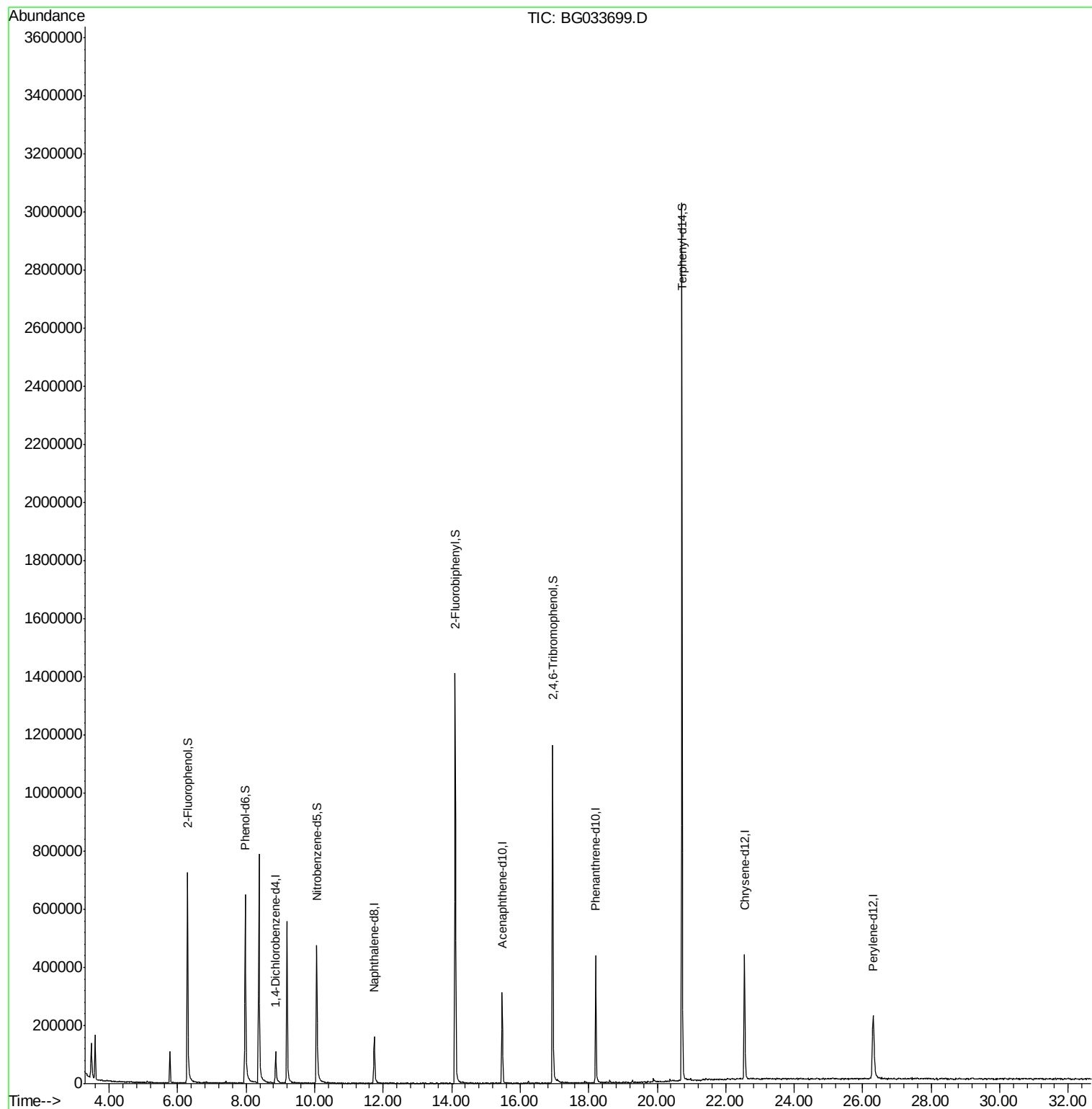
Target Compounds Qvalue

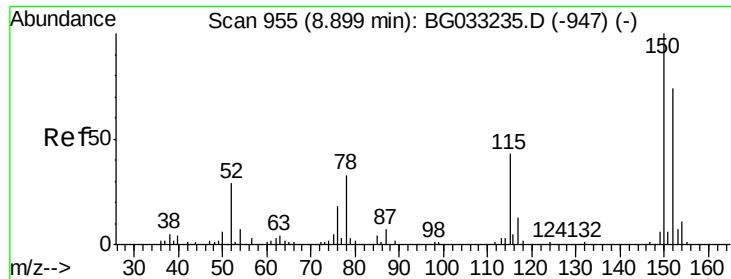
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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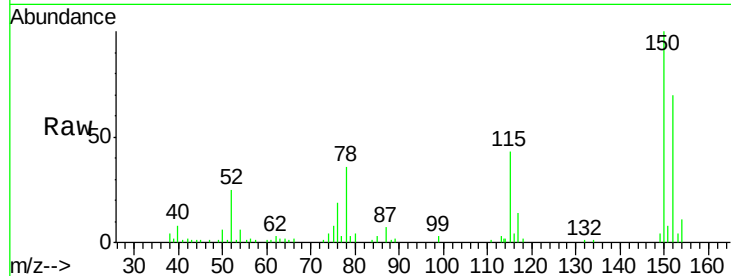


#1

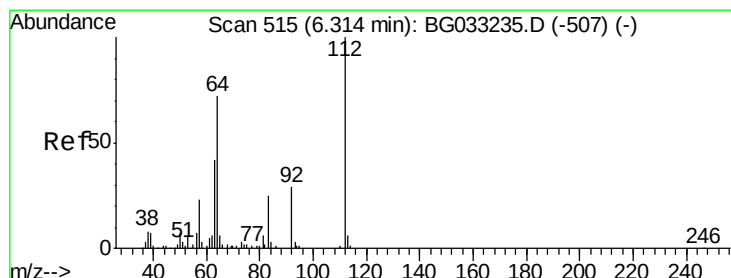
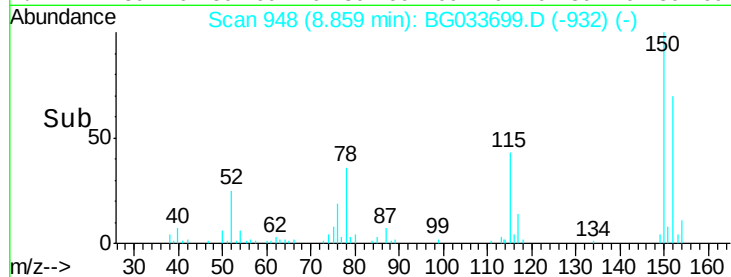
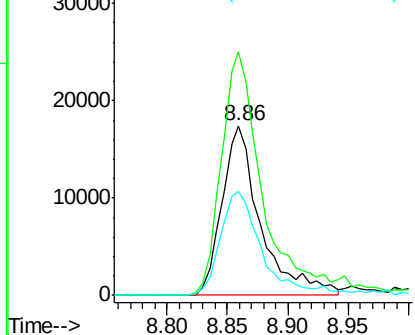
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Instrument :
BNA_G
ClientSampleId :
NB-01-040618-B

Tot Ion:152 Resp: 38452
Ion Ratio Lower Upper
152 100
150 143.3 126.6 189.8
115 61.1 53.0 79.4



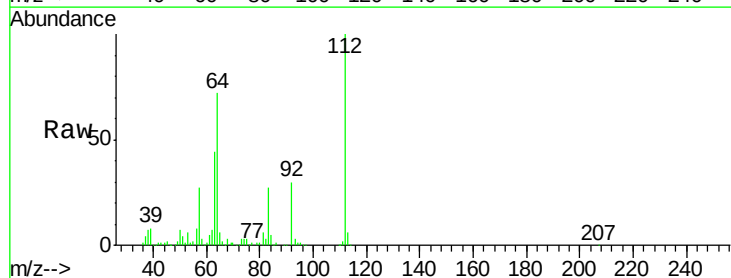
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



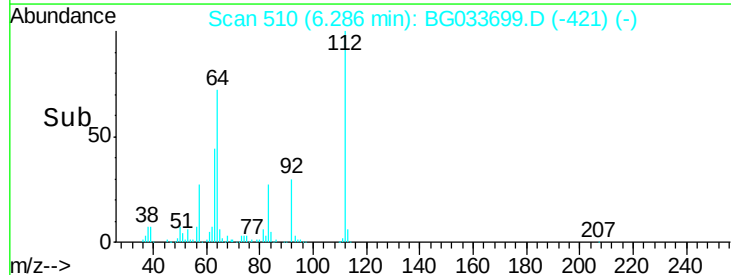
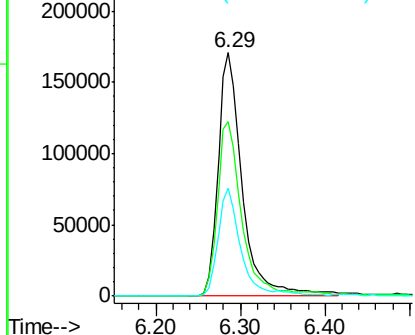
#5

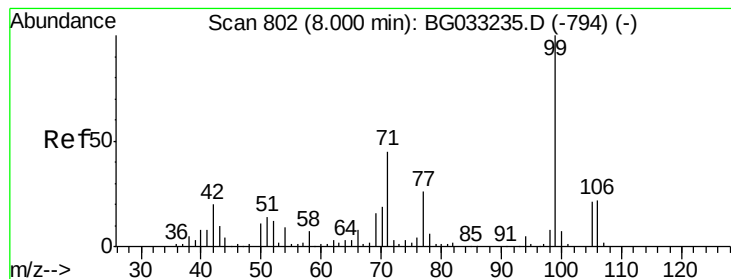
2-Fluorophenol
Concen: 165.644 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Tgt Ion:112 Resp: 339677
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 44.4 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: 131.634 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Instrument :

BNA_G

ClientSampleId :

NB-01-040618-B

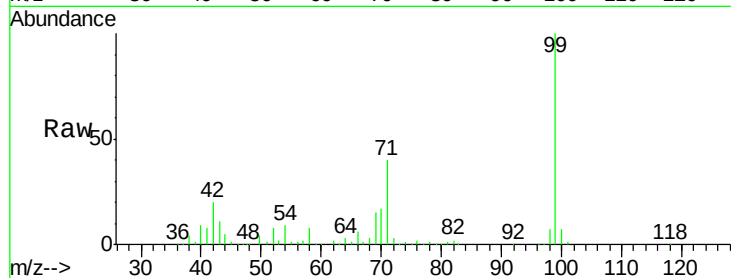
Tot Ion: 99 Resp: 463802

Ion Ratio Lower Upper

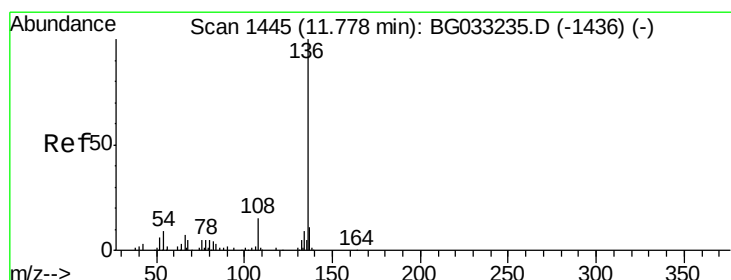
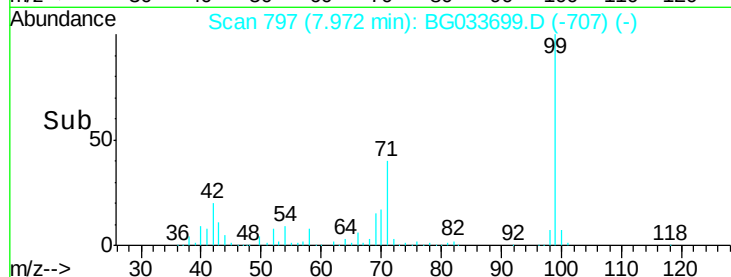
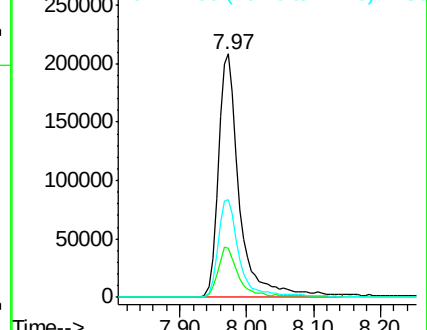
99 100

42 20.3 14.1 21.1

71 40.2 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# 1438

Delta R.T. -0.00 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Tgt Ion: 136 Resp: 158816

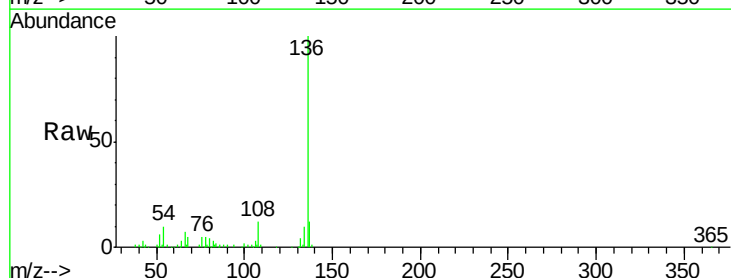
Ion Ratio Lower Upper

136 100

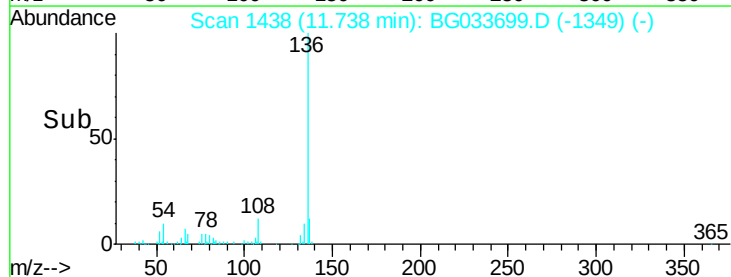
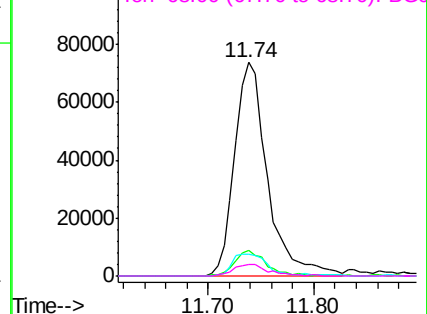
137 11.9 9.2 13.8

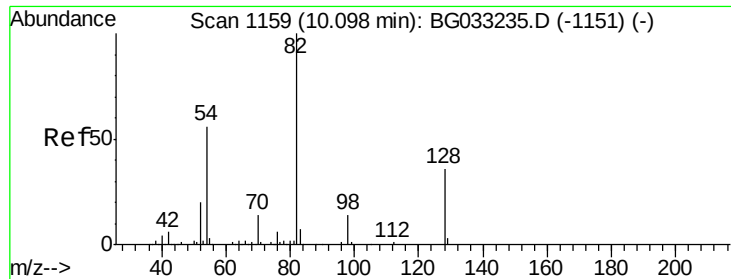
54 10.3 10.3 15.5#

68 5.2 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

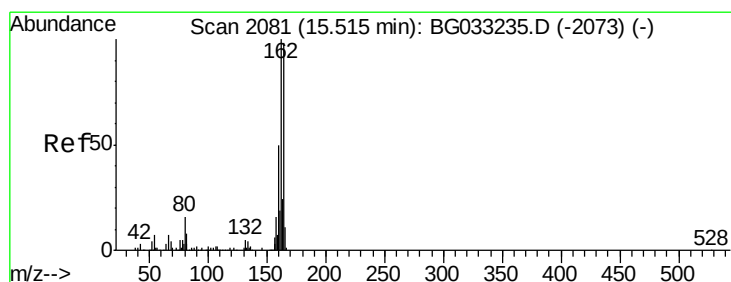
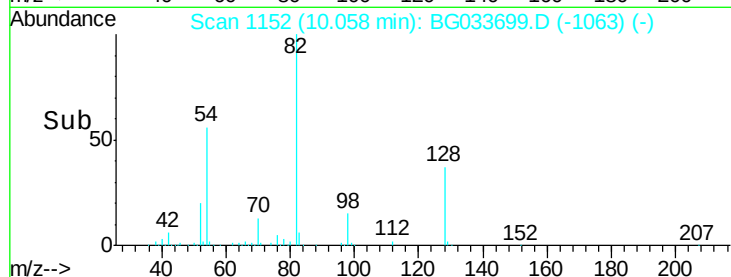
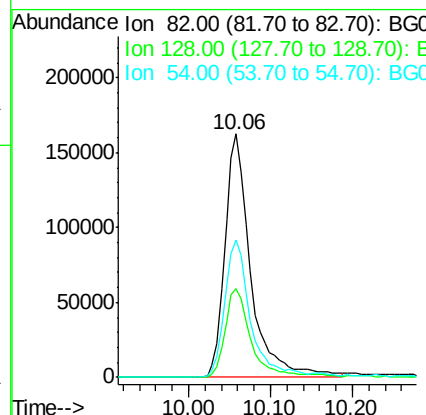
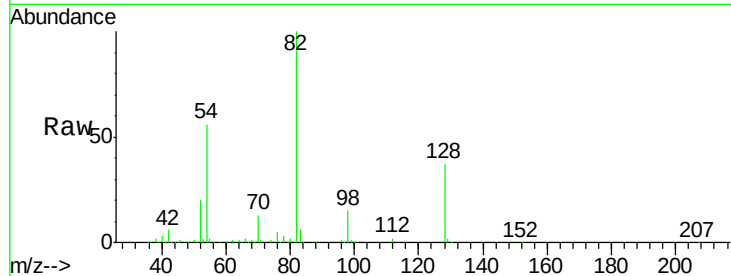




#23
 Nitrobenzene-d5
 Concen: 103.792 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

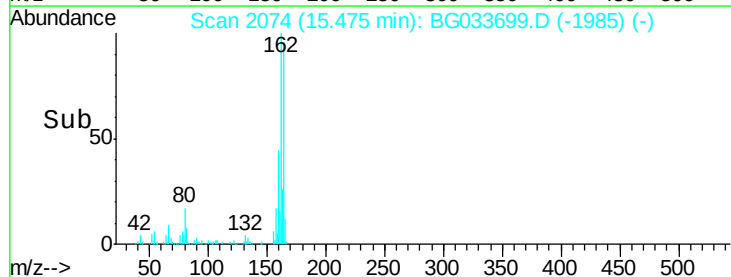
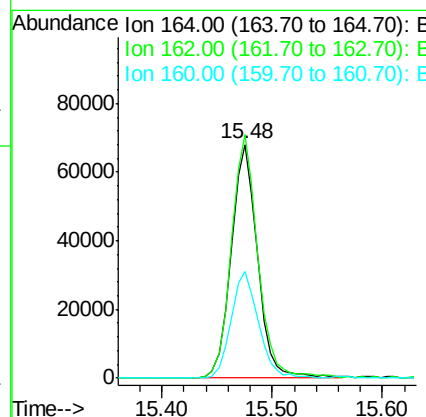
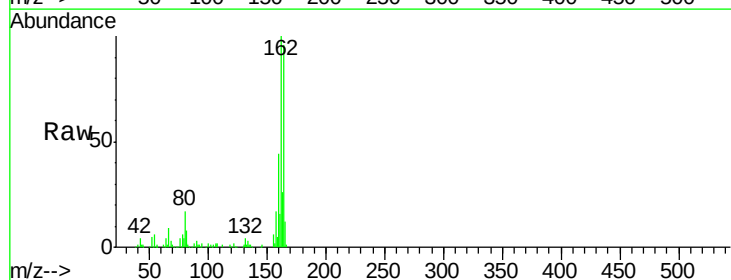
Instrument :
 BNA_G
 ClientSampleId :
 NB-01-040618-B

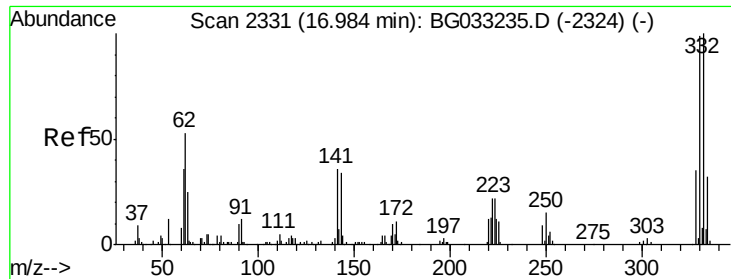
Tot Ion: 82 Resp: 358781
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.7 44.5
 54 56.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Tgt Ion: 164 Resp: 113495
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 45.6 35.4 53.0

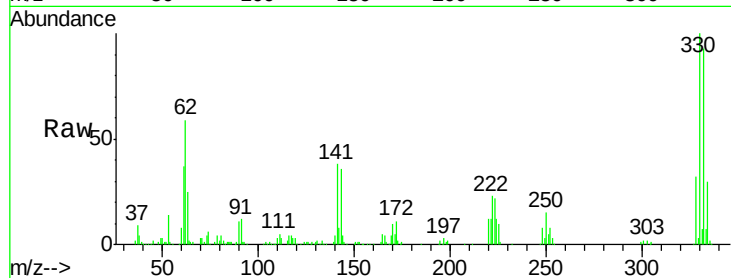




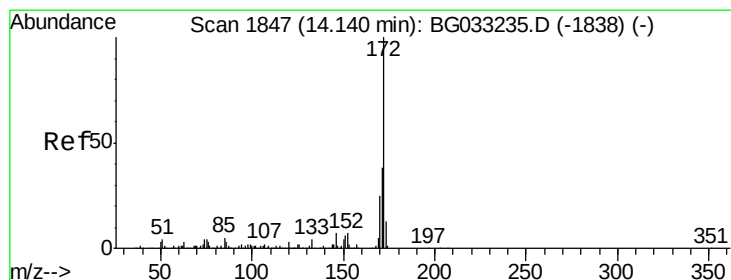
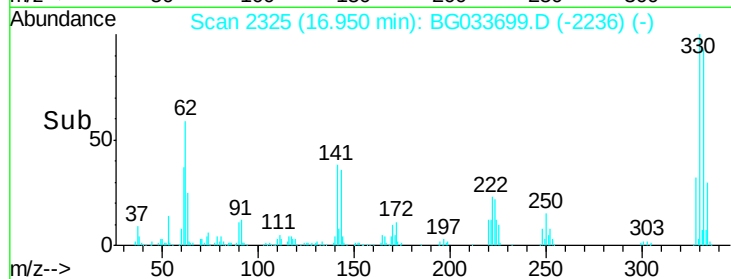
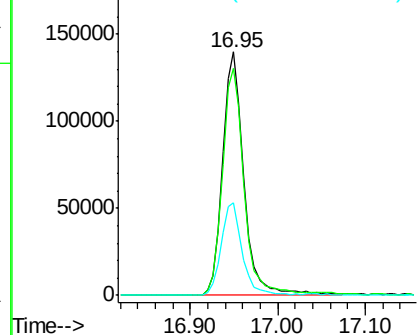
#41
 2,4,6-Tribromophenol
 Concen: 139.355 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Instrument :
 BNA_G
 ClientSampled :
 NB-01-040618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.7	25.2	37.8

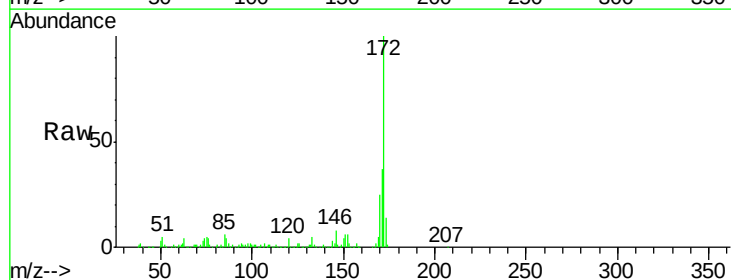


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

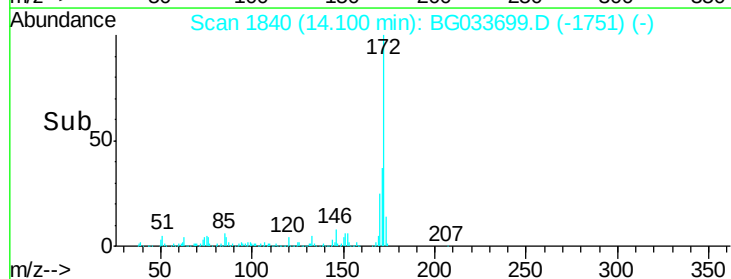
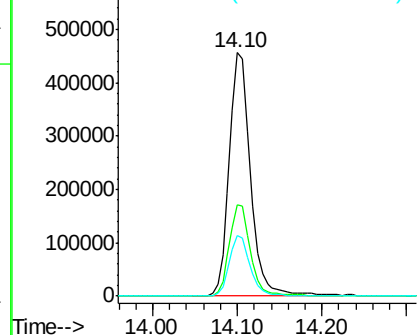


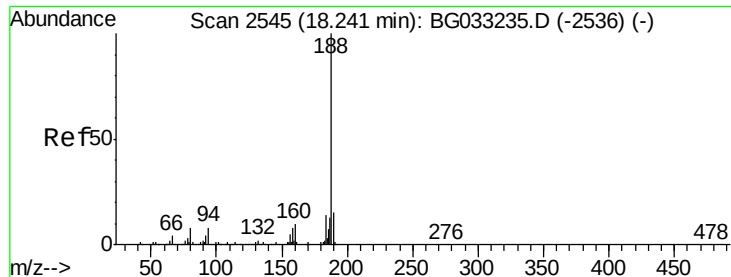
#44
 2-Fluorobiphenyl
 Concen: 101.562 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033699.D
 Acq: 10 Apr 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.9	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

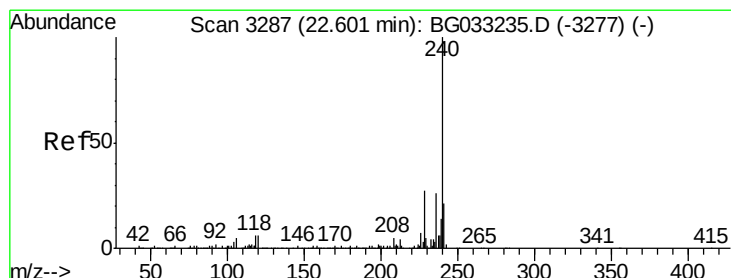
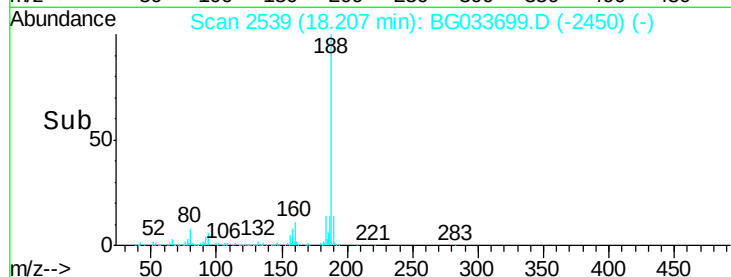
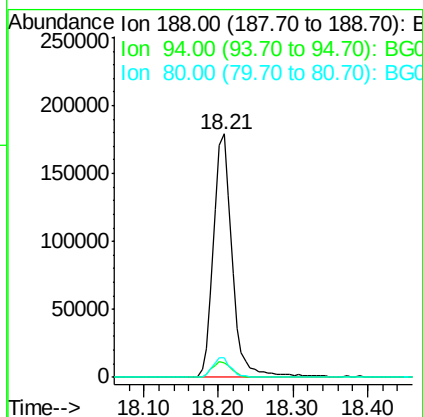
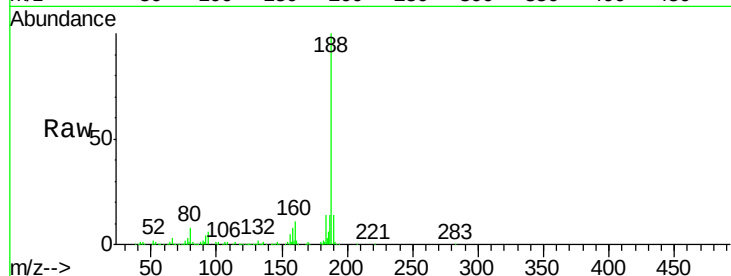




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

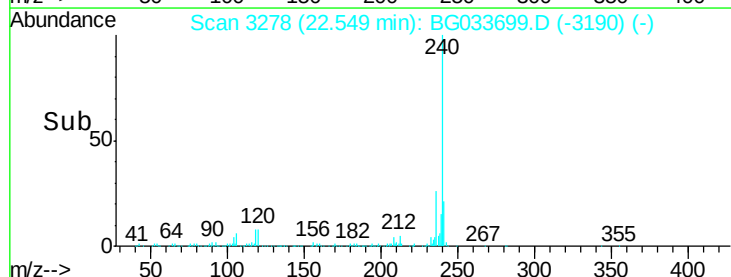
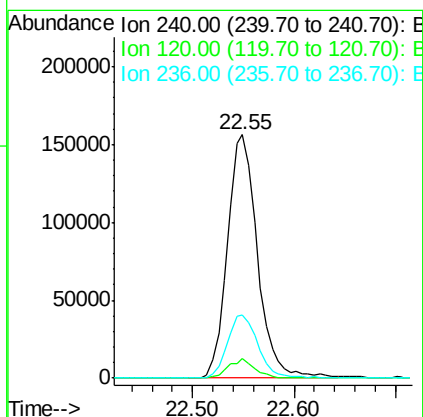
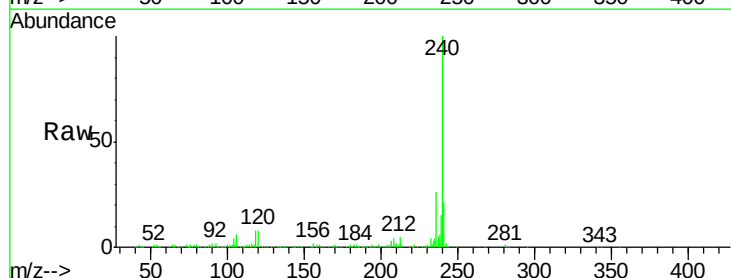
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ClientSampleId :
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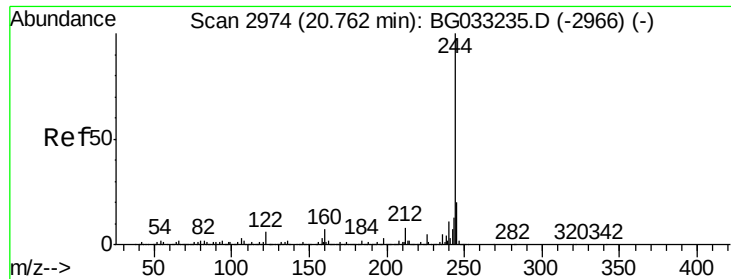
Tot Ion:188 Resp: 312940
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033699.D
Acq: 10 Apr 2018 3:55

Tgt Ion:240 Resp: 319945
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 102.296 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

Instrument :

BNA_G

ClientSampleId :

NB-01-040618-B

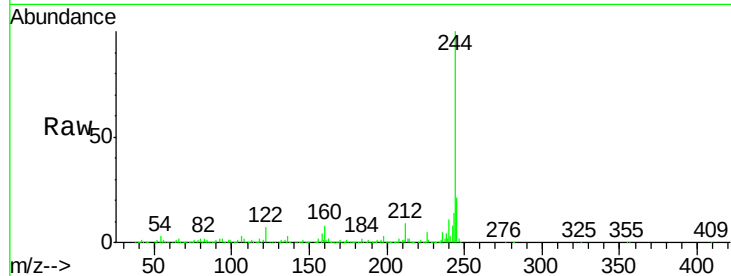
Tot Ion:244 Resp: 1530396

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

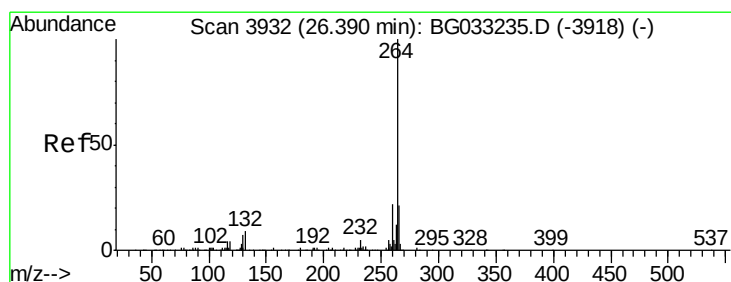
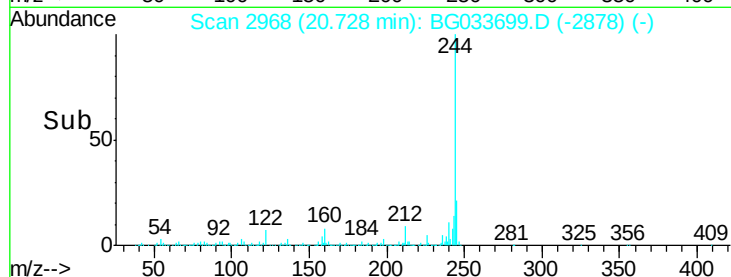
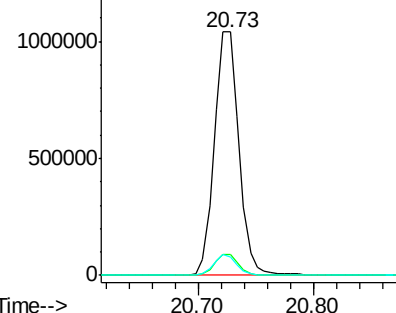
122 7.5 7.0 10.4



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. -0.01 min

Lab File: BG033699.D

Acq: 10 Apr 2018 3:55

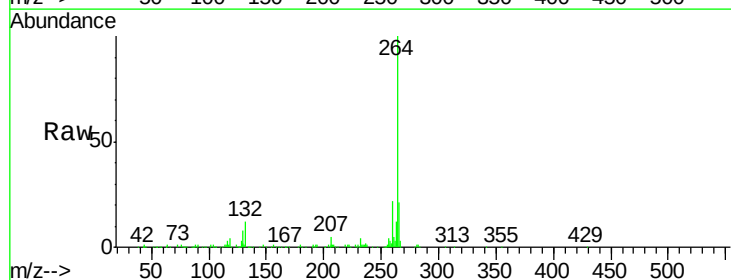
Tgt Ion:264 Resp: 337114

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 20.6 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

