

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033207.D
 Acq On : 16 Mar 2018 19:54
 Operator : SJ/JU
 Sample : J1926-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4526

Quant Time: Mar 17 05:40:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	44702	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	170546	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	121465	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	326529	20.00	ng	0.00
75) Chrysene-d12	22.60	240	333992	20.00	ng	-0.01
86) Perylene-d12	26.40	264	354556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	395564	141.57	ng	0.00
7) Phenol-d6	8.00	99	553171	142.03	ng	-0.01
23) Nitrobenzene-d5	10.09	82	412783	158.29	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	301700	236.23	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	925279	109.87	ng	0.00
78) Terphenyl-d14	20.76	244	1728139	116.25	ng	0.00

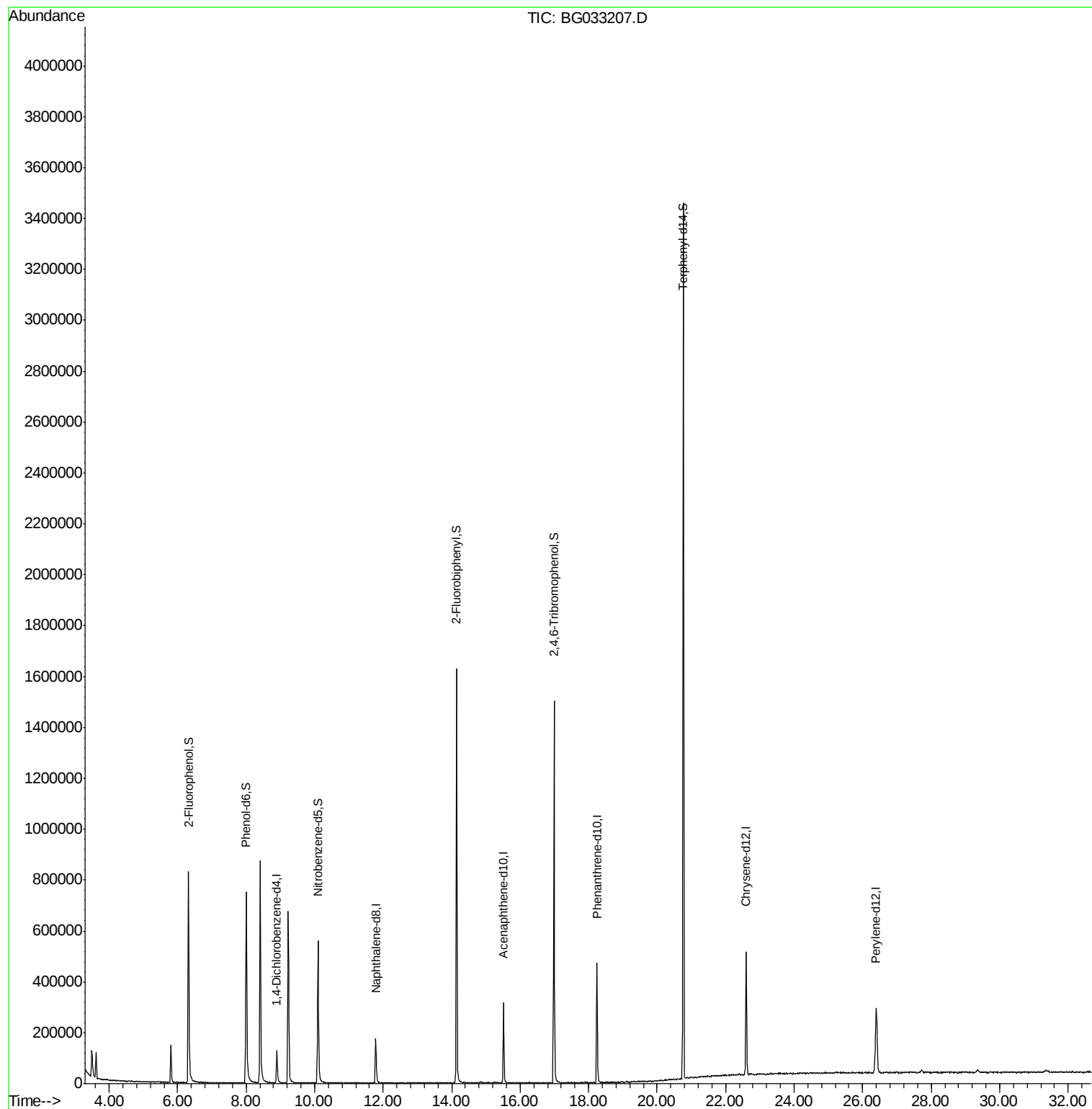
Target Compounds Qvalue

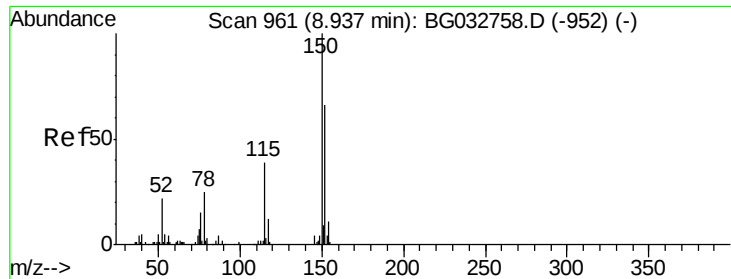
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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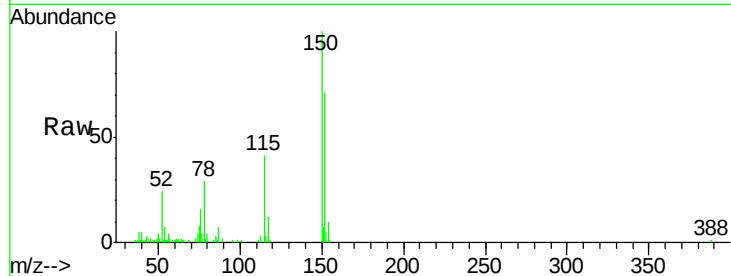


#1

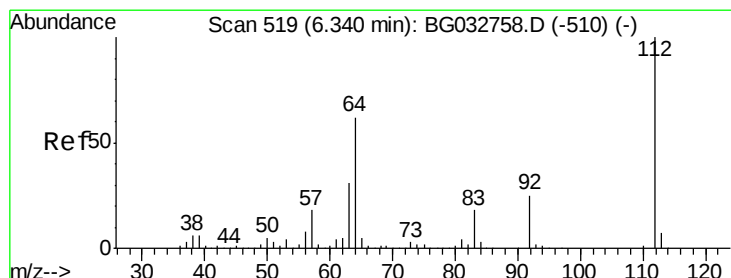
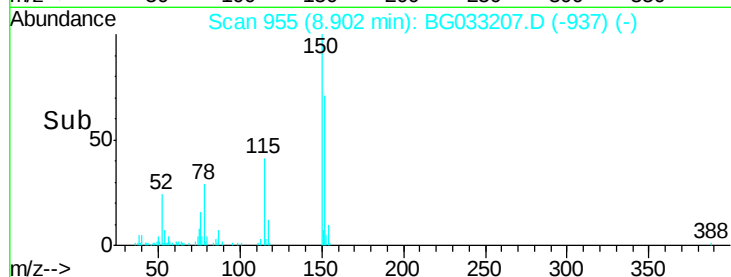
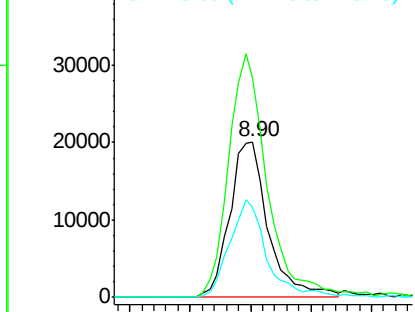
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033207.D
Acq: 16 Mar 2018 19:54

Instrument :
BNA_G
ClientSampleId :
4526

Tot Ion:152 Resp: 44702
Ion Ratio Lower Upper
152 100
150 141.2 126.6 189.8
115 58.0 53.0 79.4



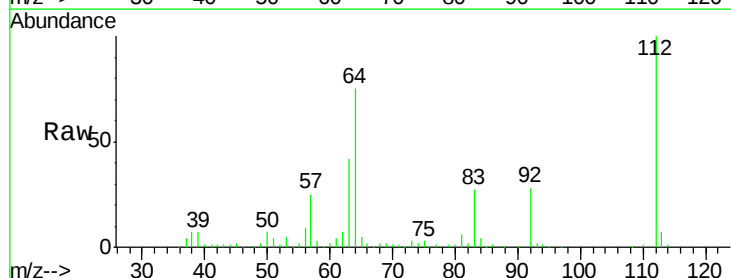
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



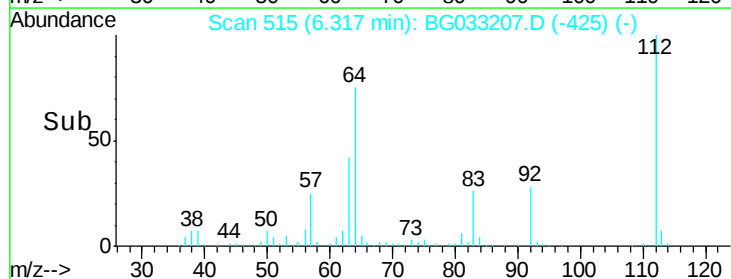
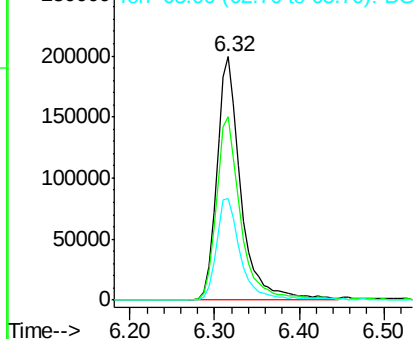
#5

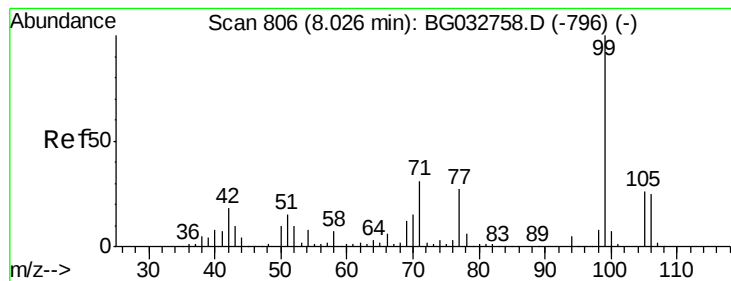
2-Fluorophenol
Concen: 141.570 ng
RT: 6.32 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033207.D
Acq: 16 Mar 2018 19:54

Tgt Ion:112 Resp: 395564
Ion Ratio Lower Upper
112 100
64 75.3 56.3 84.5
63 41.9 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: 142.034 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Instrument :

BNA_G

ClientSampleId :

4526

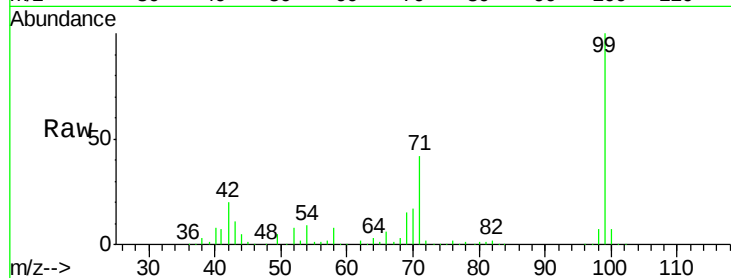
Tot Ion: 99 Resp: 553171

Ion Ratio Lower Upper

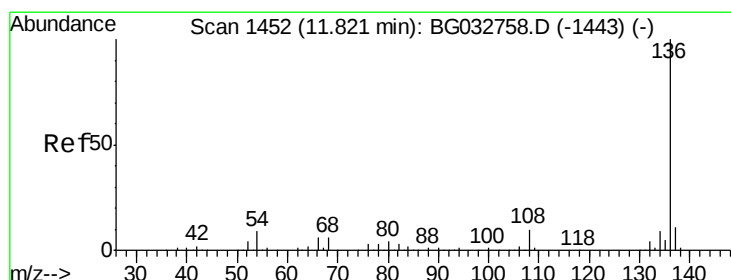
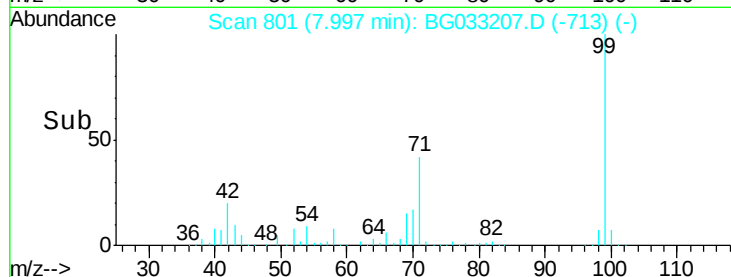
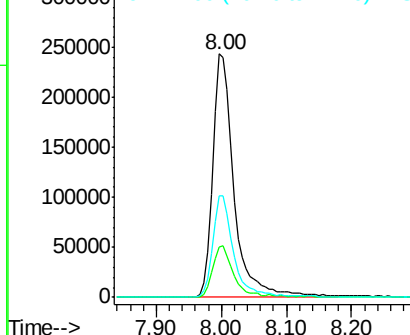
99 100

42 20.5 14.1 21.1

71 41.8 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Tgt Ion: 136 Resp: 170546

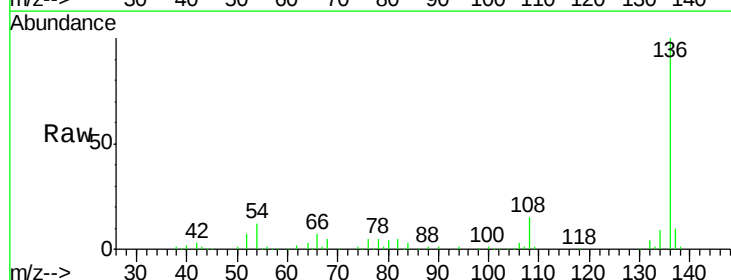
Ion Ratio Lower Upper

136 100

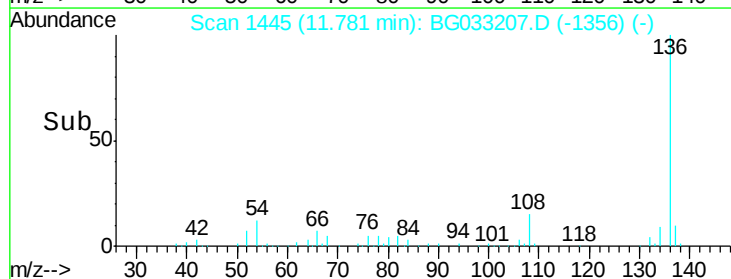
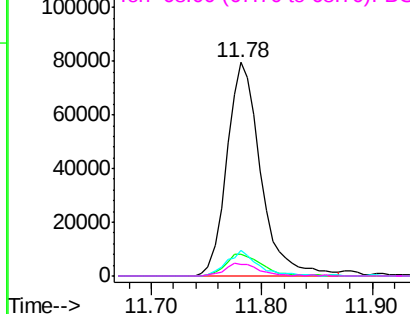
137 10.0 9.2 13.8

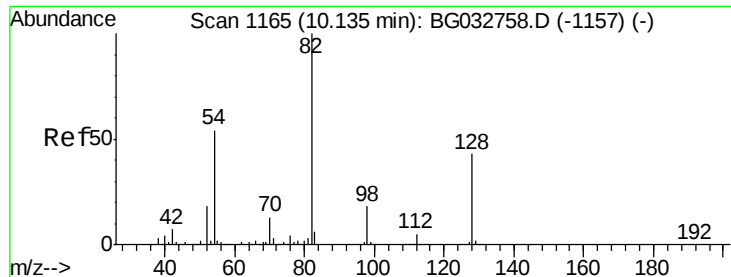
54 11.9 10.3 15.5

68 5.3 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: 158.286 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Instrument :

BNA_G

ClientSampled :

4526

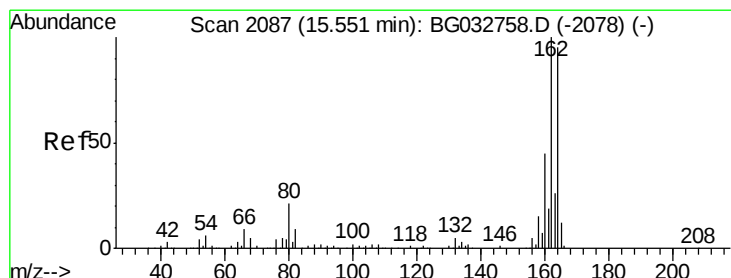
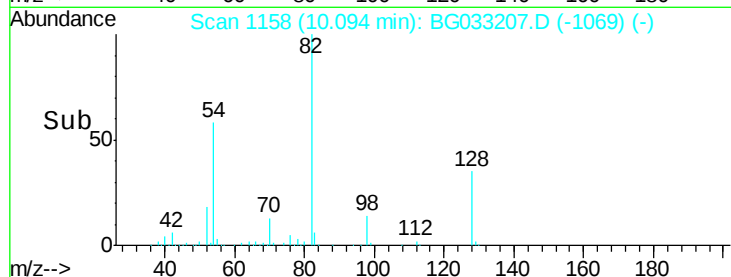
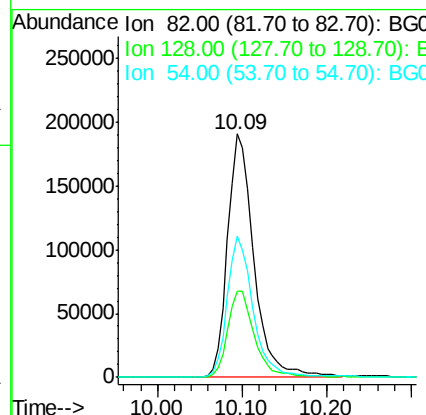
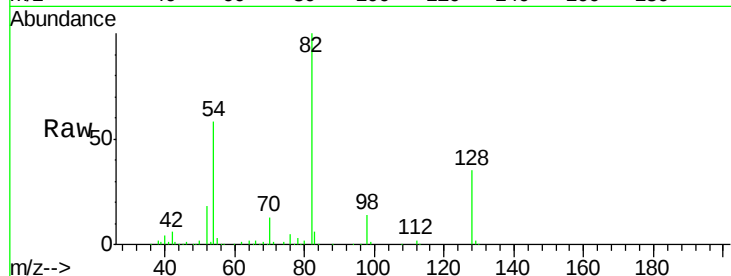
Tot Ion: 82 Resp: 412783

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

54 57.8 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

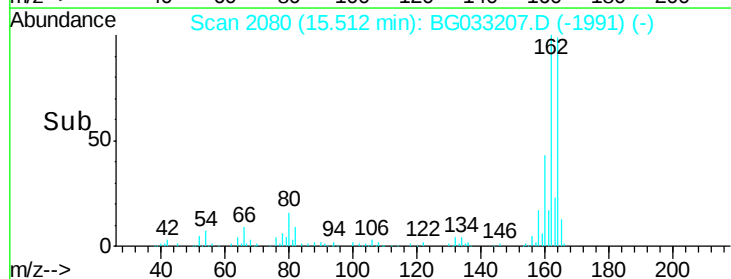
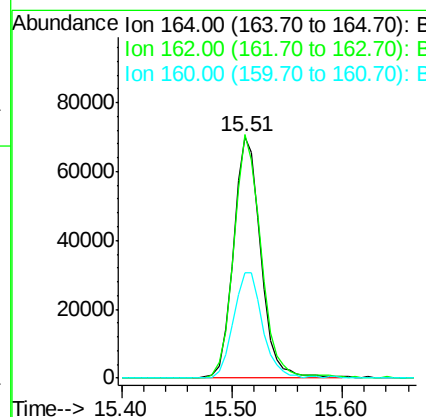
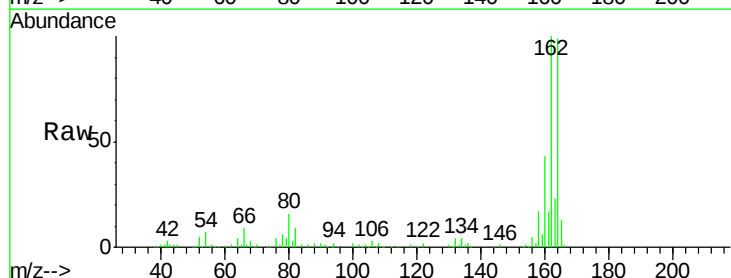
Tgt Ion: 164 Resp: 121465

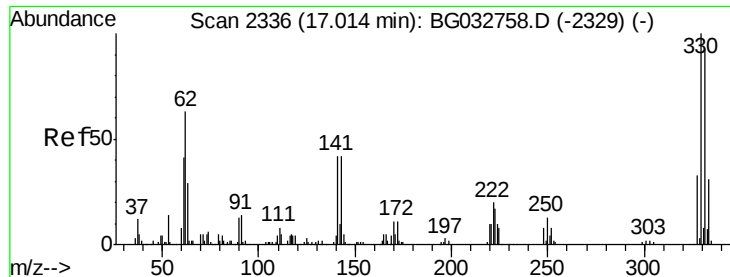
Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

160 43.6 35.4 53.0

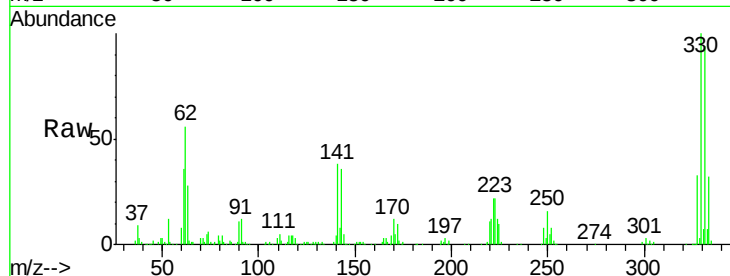




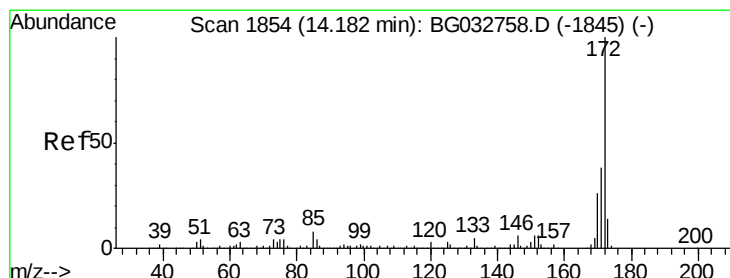
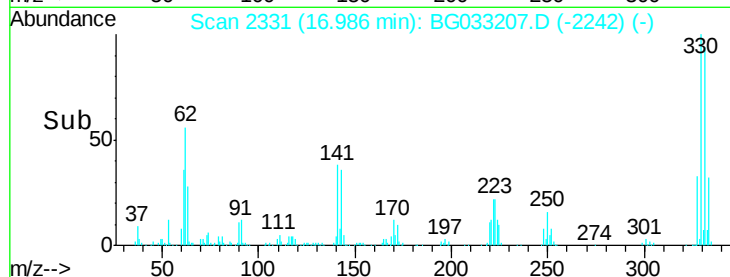
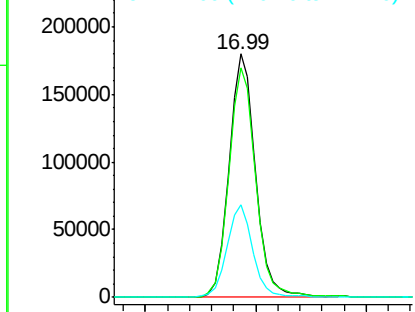
#41
 2,4,6-Tribromophenol
 Concen: 236.227 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033207.D
 Acq: 16 Mar 2018 19:54

Instrument :
 BNA_G
 ClientSampleId :
 4526

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.3	25.2	37.8

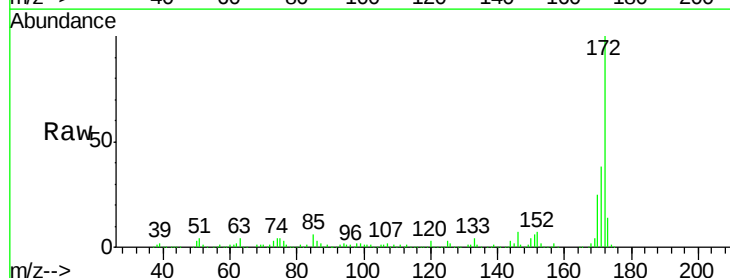


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

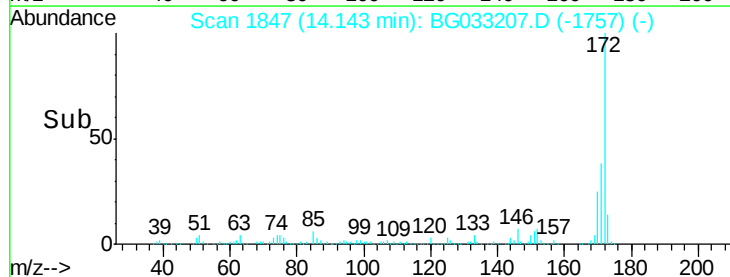
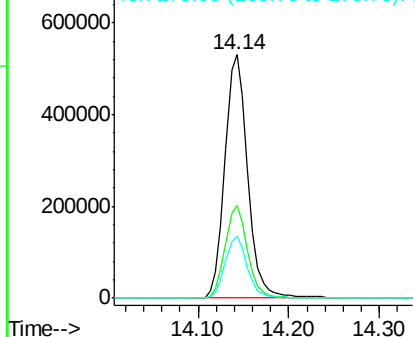


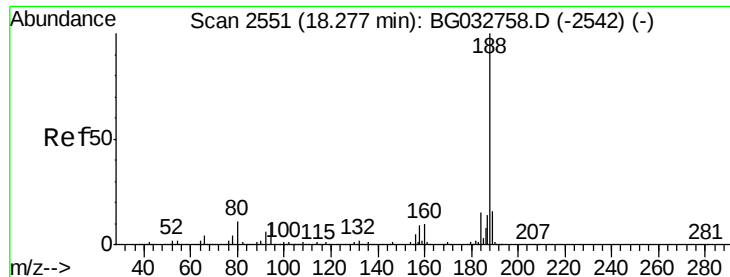
#44
 2-Fluorobiphenyl
 Concen: 109.866 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033207.D
 Acq: 16 Mar 2018 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.3	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: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Instrument :

BNA_G

ClientSampleId :

4526

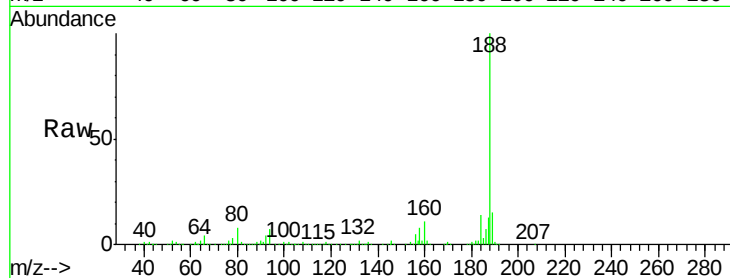
Tot Ion:188 Resp: 326529

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

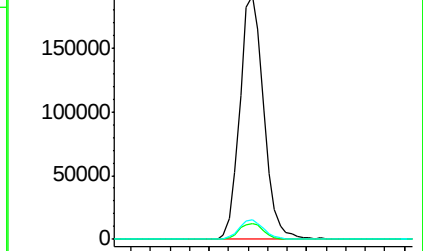
80 8.0 7.7 11.5



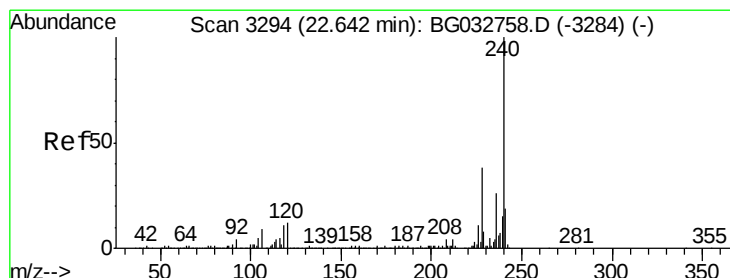
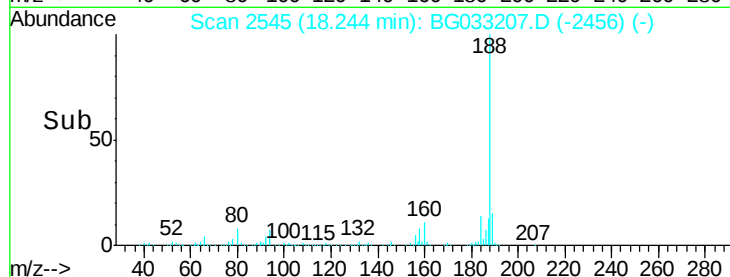
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

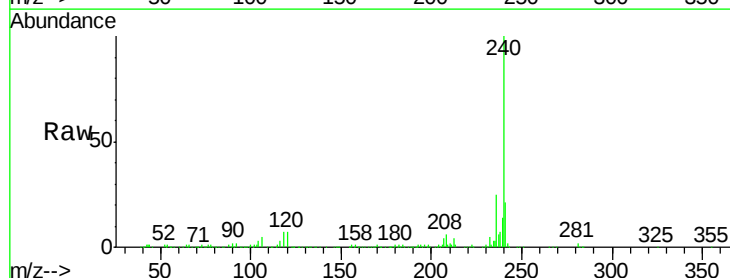
Tgt Ion:240 Resp: 333992

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

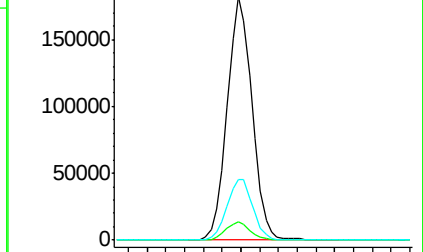
236 25.1 20.9 31.3



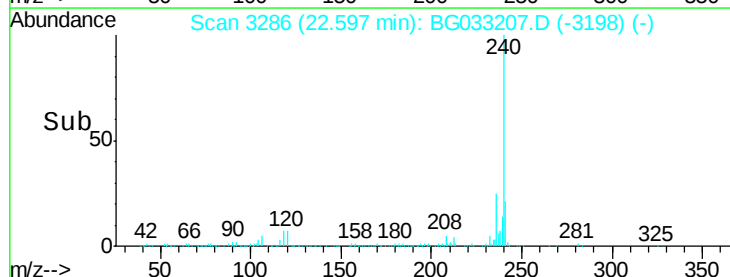
Abundance Ion 240.00 (239.70 to 240.70): E

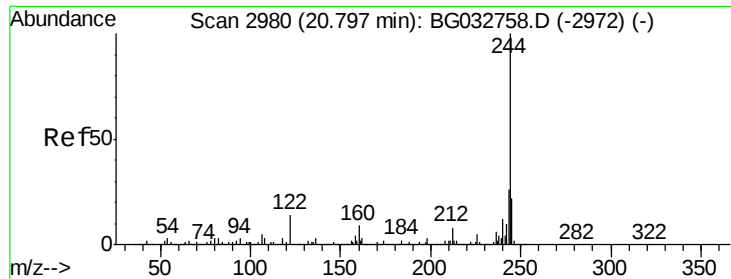
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 116.250 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Instrument :

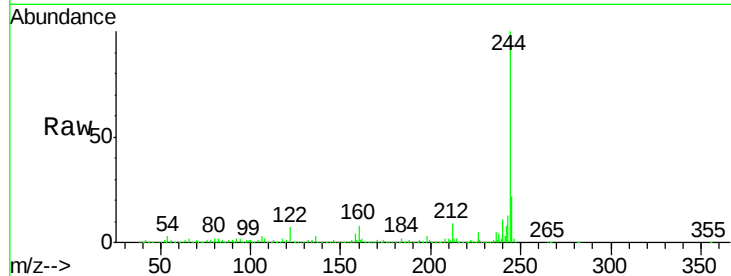
BNA_G

ClientSampleId :

4526

Tot Ion:244 Resp: 1728139

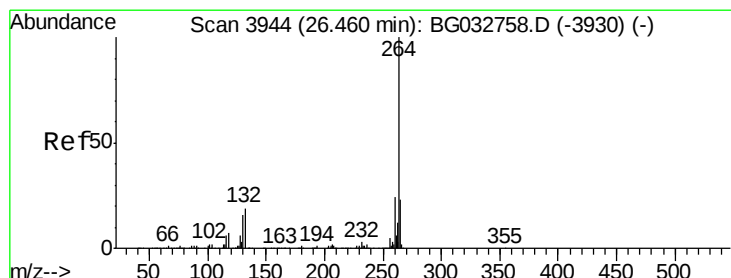
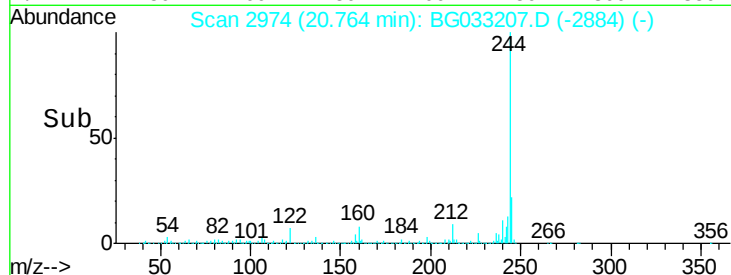
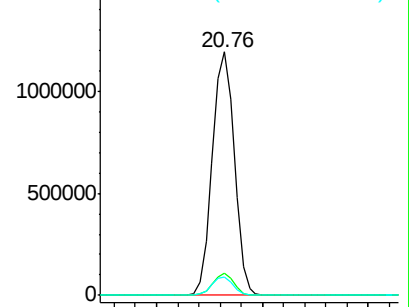
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.4	7.0	10.4



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: 26.40 min Scan# 3933

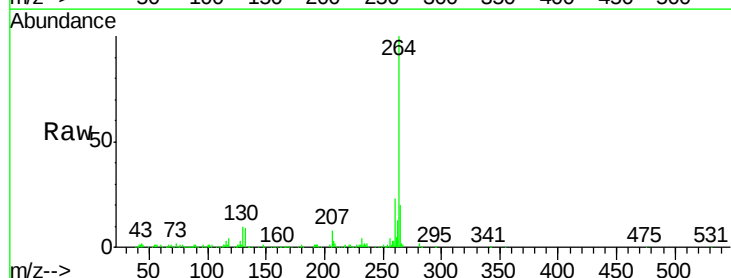
Delta R.T. -0.01 min

Lab File: BG033207.D

Acq: 16 Mar 2018 19:54

Tgt Ion:264 Resp: 354556

Ion	Ratio	Lower	Upper
264	100		
260	22.5	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

