

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033640.D
 Acq On : 6 Apr 2018 22:35
 Operator : SJ/JU
 Sample : J2231-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 42ND-STREET

Quant Time: Apr 07 01:28:13 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	35161	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158453	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	125799	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310551	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315288	20.00	ng	0.00
86) Perylene-d12	26.33	264	301868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	318378	169.79	ng	0.00
7) Phenol-d6	7.97	99	433824	134.65	ng	0.00
23) Nitrobenzene-d5	10.06	82	341862	99.12	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	226414	120.34	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	863055	99.04	ng	0.00
78) Terphenyl-d14	20.73	244	1510429	102.45	ng	0.00

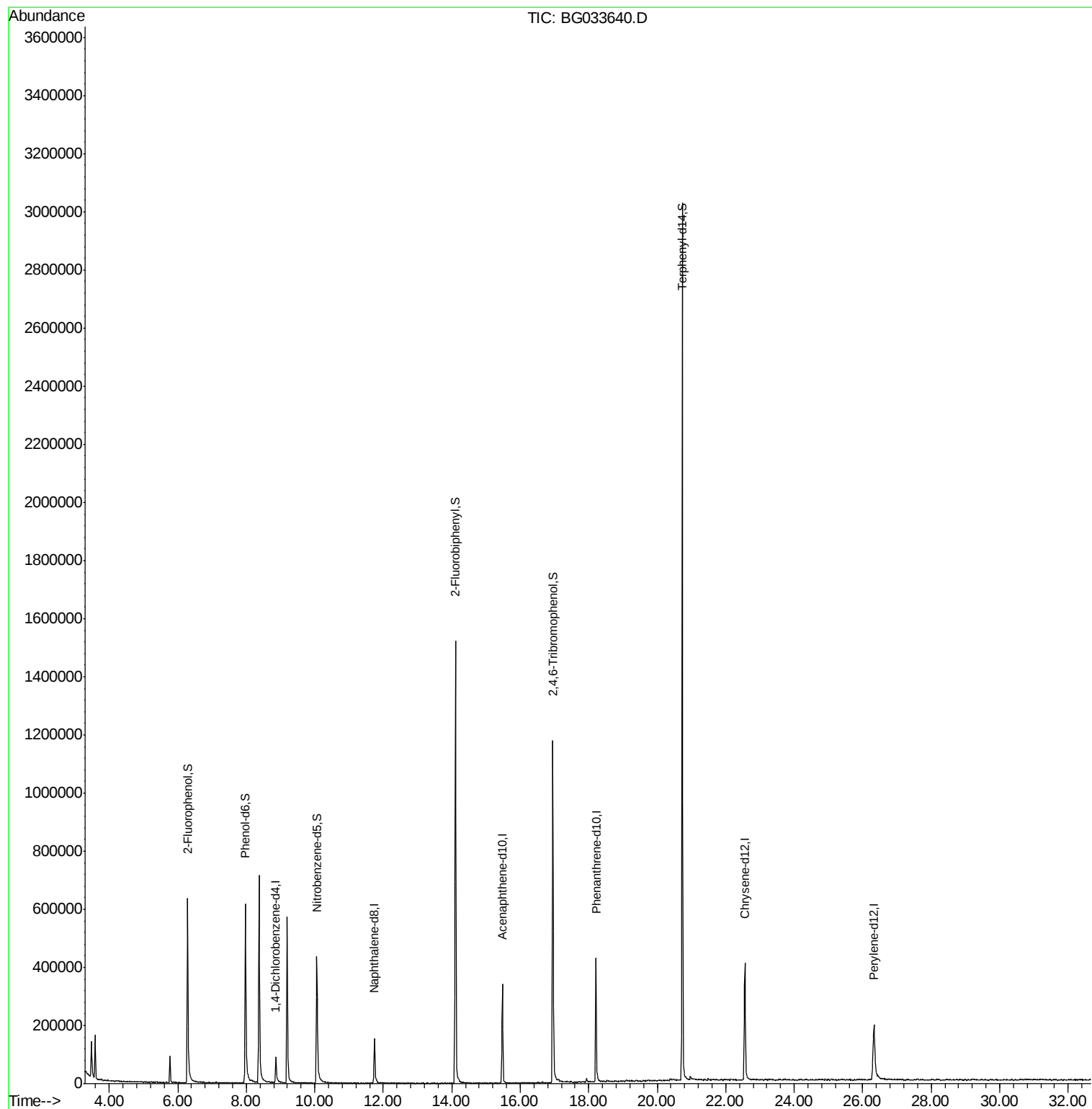
Target Compounds Qvalue

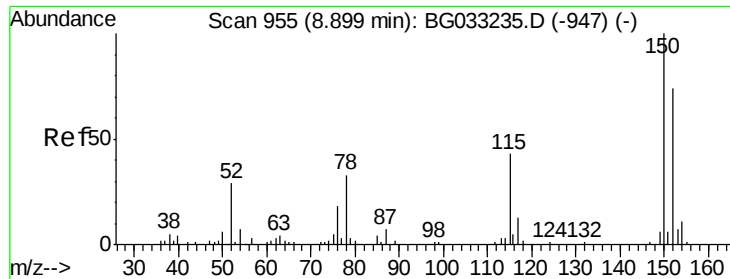
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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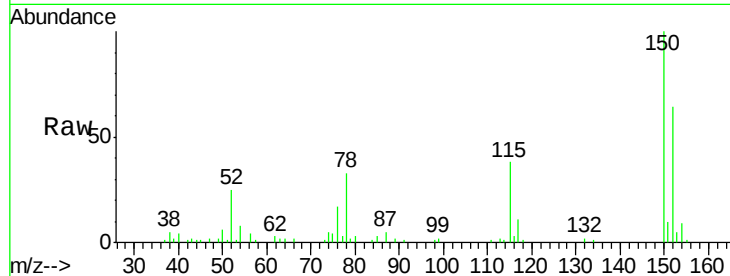


#1

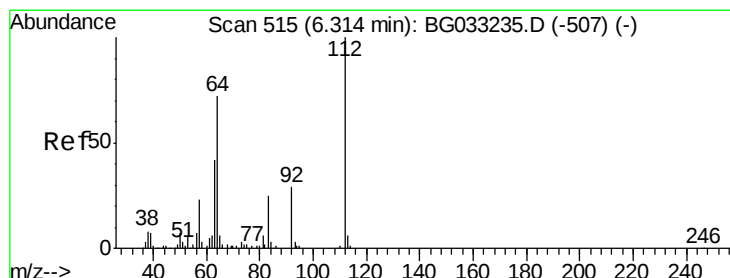
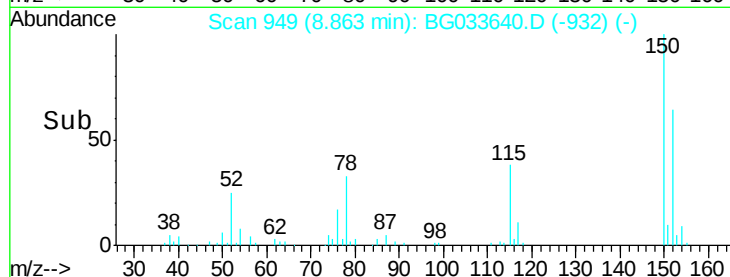
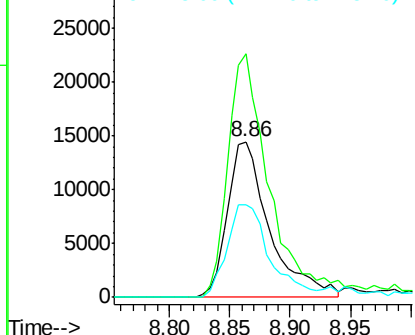
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

Instrument :
BNA_G
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	59.2	53.0	79.4



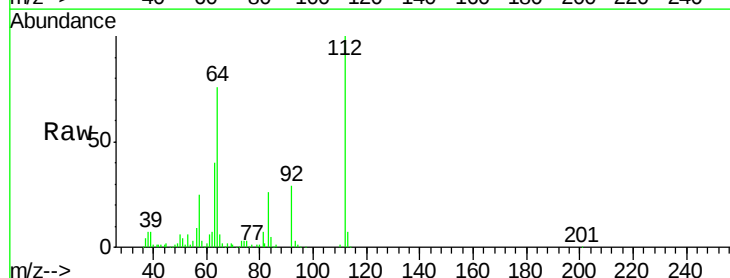
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



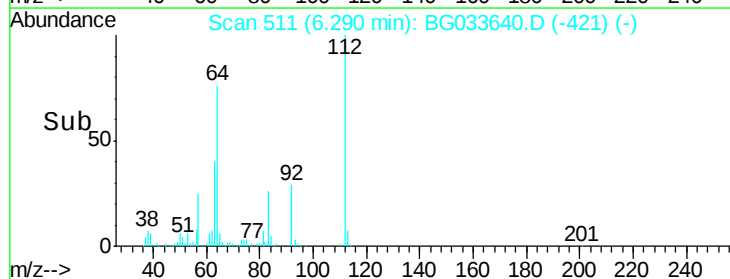
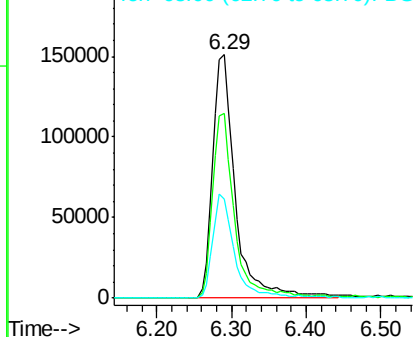
#5

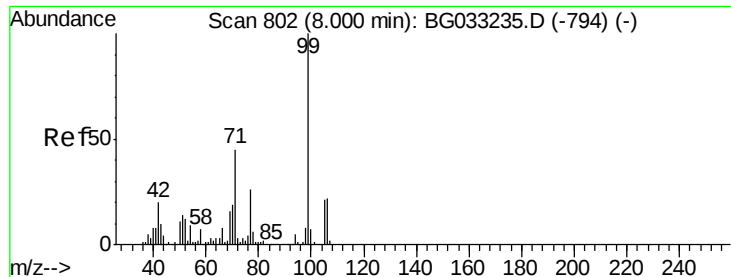
2-Fluorophenol
Concen: 169.790 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	56.3	84.5
63	40.4	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: 134.650 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

Instrument :

BNA_G

ClientSampleId :

42ND-STREET

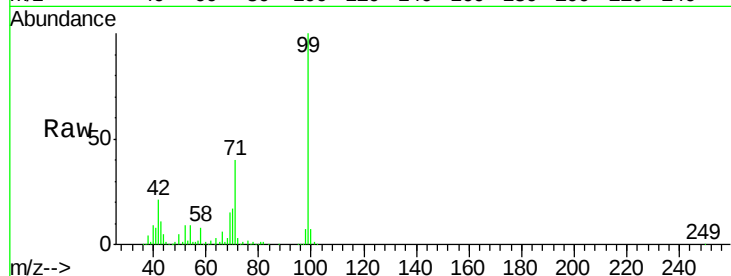
Tot Ion: 99 Resp: 433824

Ion Ratio Lower Upper

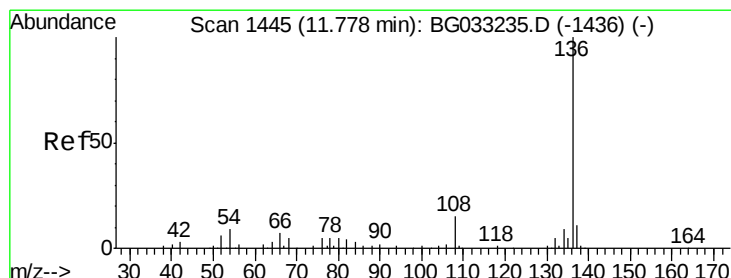
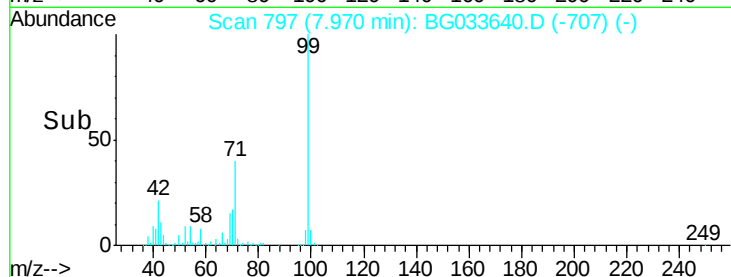
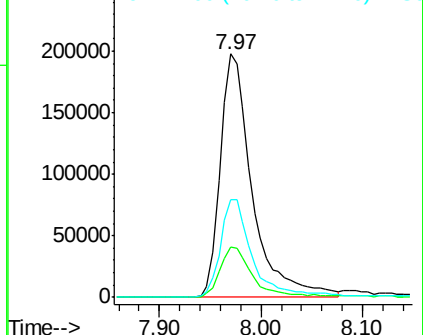
99 100

42 20.8 14.1 21.1

71 40.0 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. -0.00 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

Tgt Ion: 136 Resp: 158453

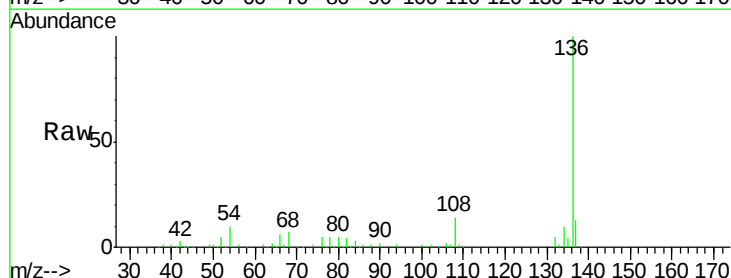
Ion Ratio Lower Upper

136 100

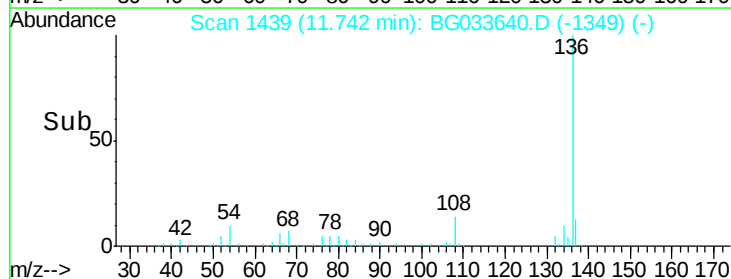
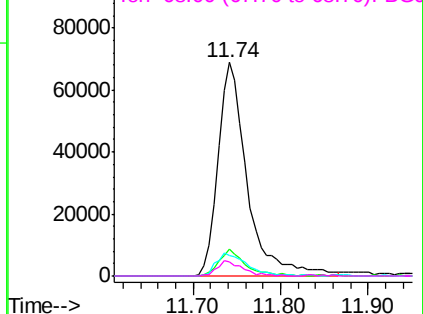
137 12.8 9.2 13.8

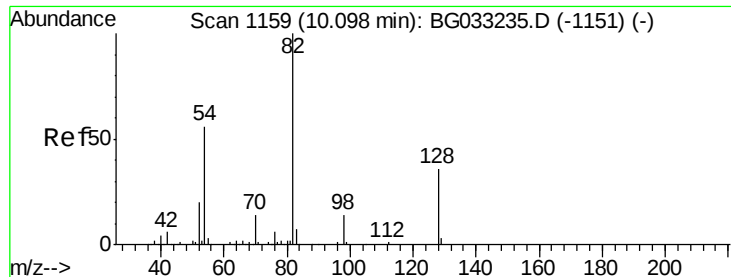
54 9.6 10.3 15.5#

68 6.6 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

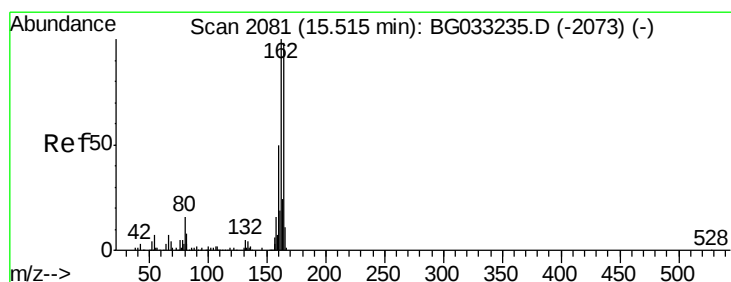
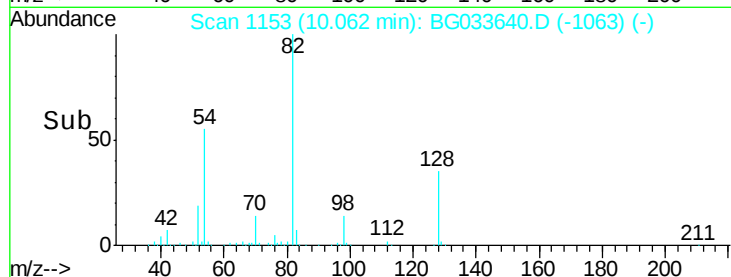
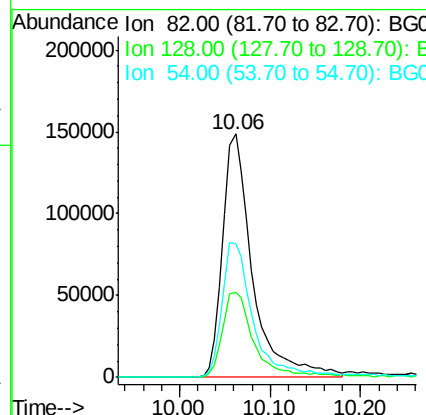
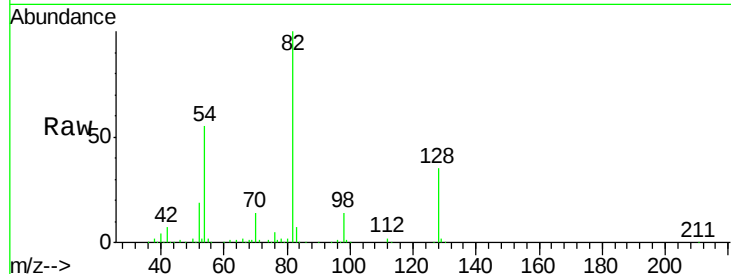




#23
Nitrobenzene-d5
Concen: 99.124 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

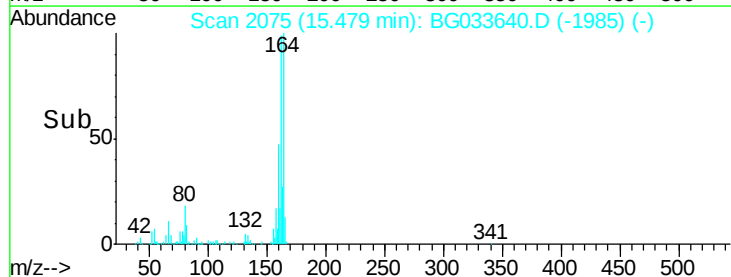
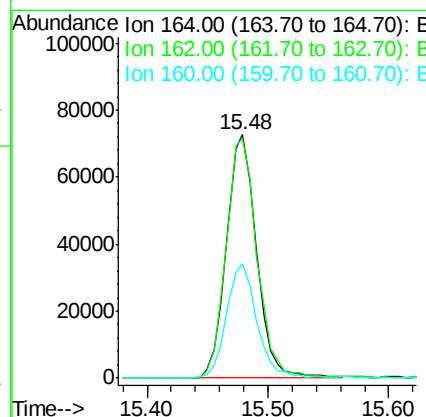
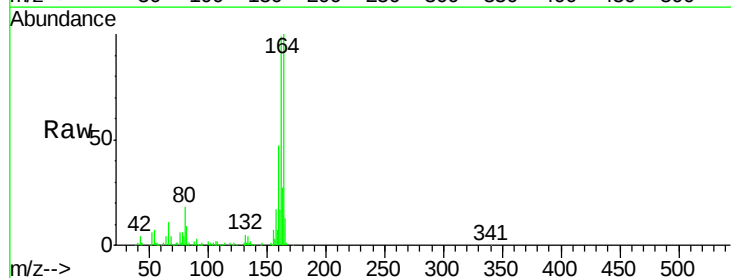
Instrument :
BNA_G
ClientSampleId :
42ND-STREET

Tot Ion	82	Resp	341862
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	55.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

Tgt Ion	164	Resp	125799
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.8	118.2
160	46.9	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 120.339 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

Instrument :

BNA_G

ClientSampleId :

42ND-STREET

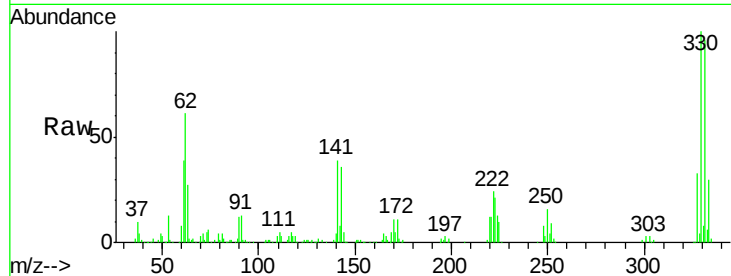
Tot Ion:330 Resp: 226414

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

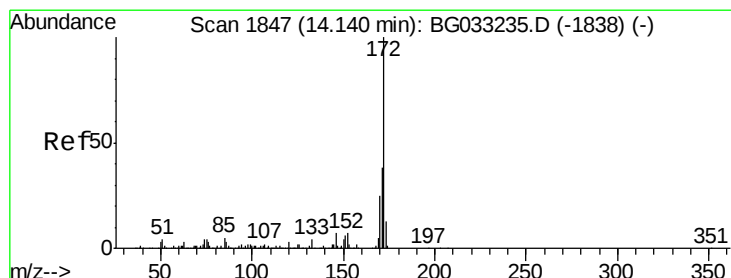
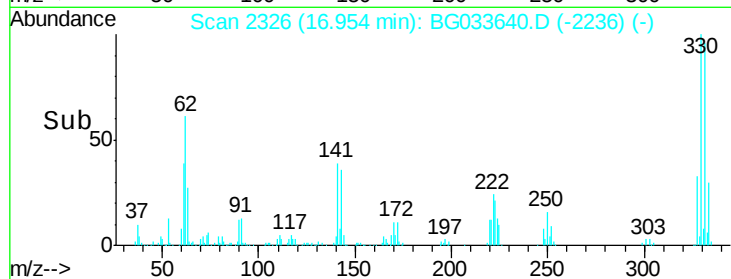
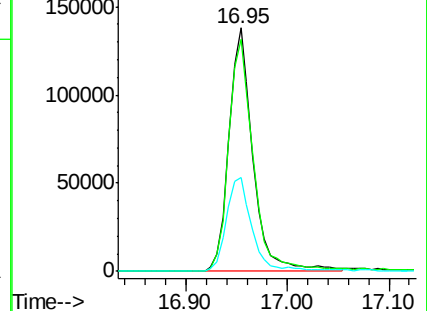
141 41.6 25.2 37.8#



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: 99.042 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

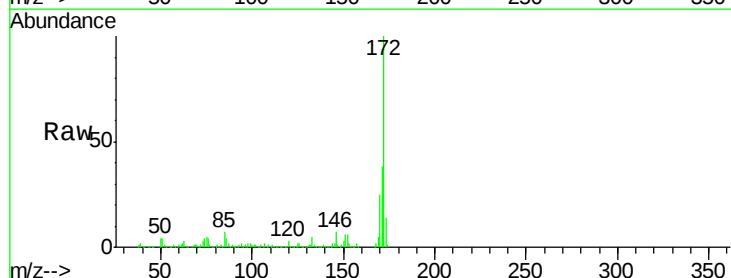
Tgt Ion:172 Resp: 863055

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

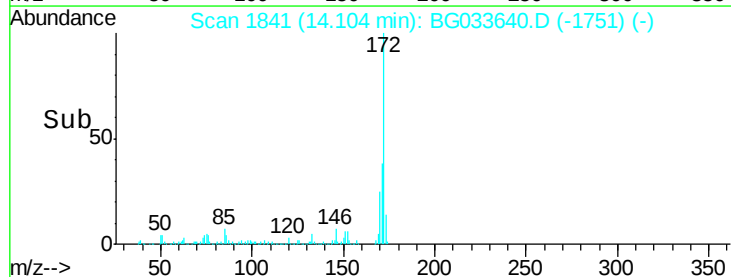
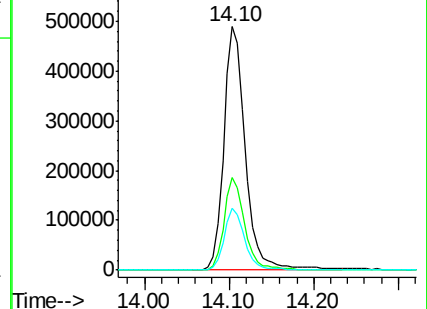
170 25.2 19.5 29.3

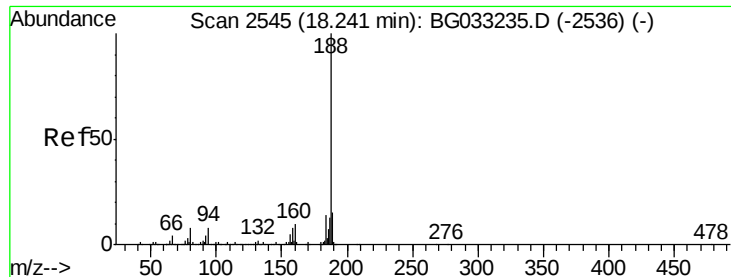


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

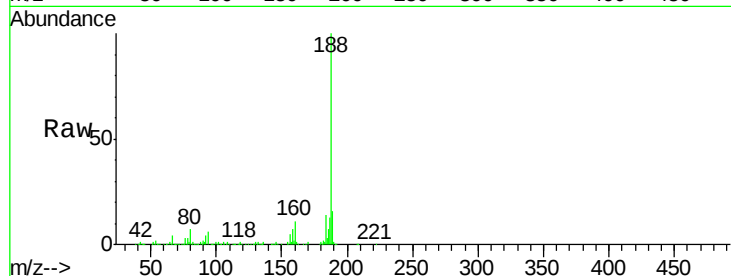




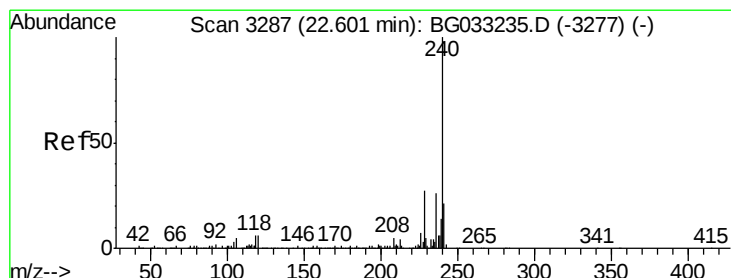
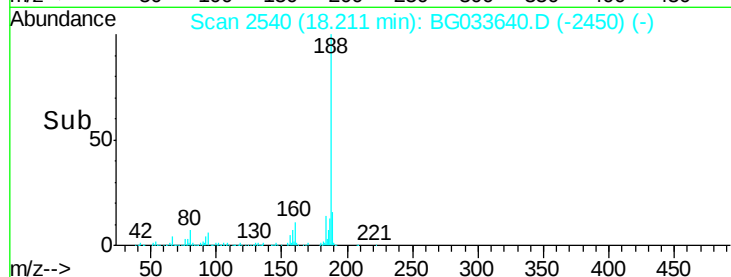
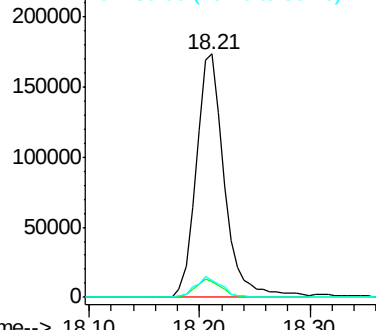
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

Instrument :
BNA_G
ClientSampleId :
42ND-STREET

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	7.7	11.5#

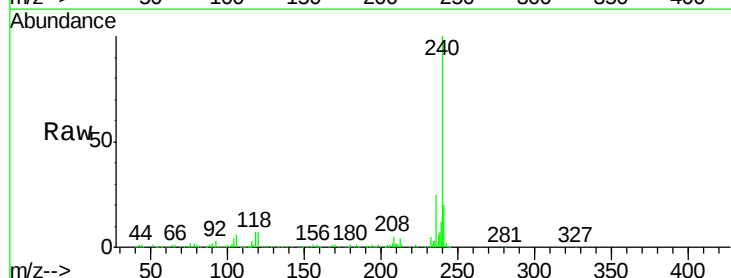


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

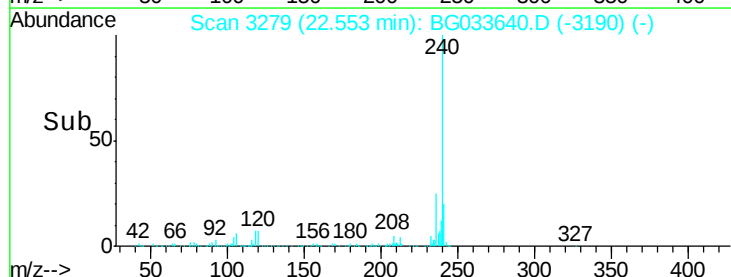
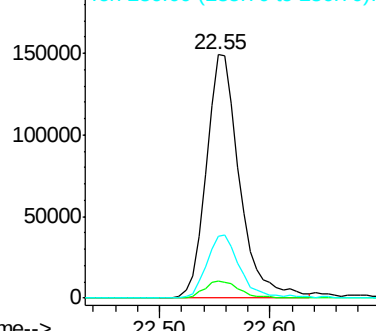


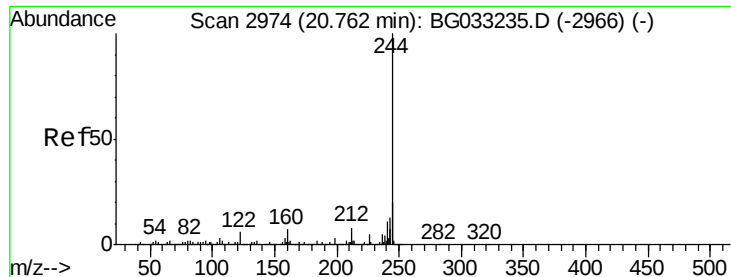
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033640.D
Acq: 6 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	25.2	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: 102.453 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

Instrument :

BNA_G

ClientSampleId :

42ND-STREET

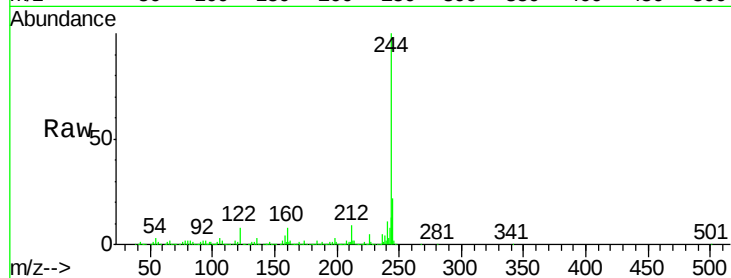
Tot Ion:244 Resp: 1510429

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

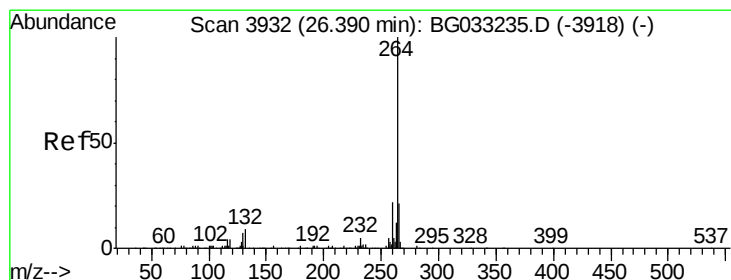
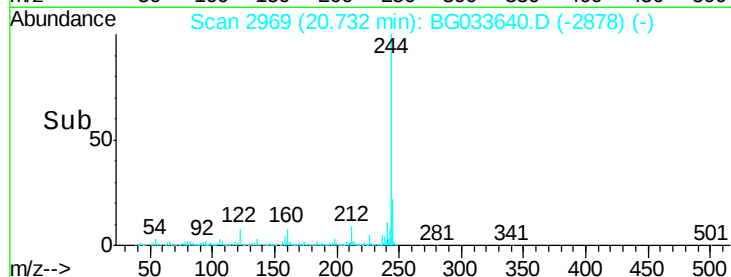
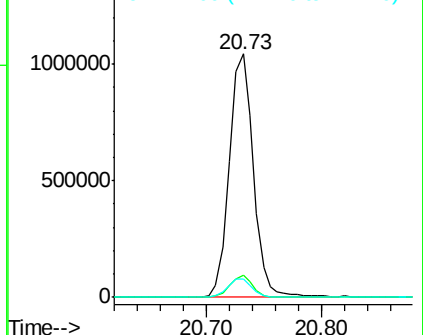
122 7.7 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BG033640.D

Acq: 6 Apr 2018 22:35

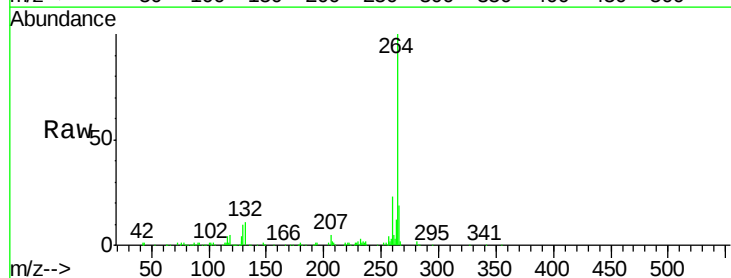
Tgt Ion:264 Resp: 301868

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 18.9 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

