

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031723.D
 Acq On : 22 Dec 2017 22:33
 Operator : SJ/JU
 Sample : I7004-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-121817

Quant Time: Dec 23 01:58:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	53339	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	224802	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	155049	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	393918	20.00	ng	-0.02
75) Chrysene-d12	22.55	240	452954	20.00	ng	-0.02
86) Perylene-d12	26.33	264	478633	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	182126	62.19	ng	-0.01
7) Phenol-d6	7.92	99	142788	37.55	ng	-0.01
23) Nitrobenzene-d5	10.02	82	302389	101.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	386640	163.43	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1137065	92.05	ng	-0.01
78) Terphenyl-d14	20.73	244	1959200	98.82	ng	-0.01

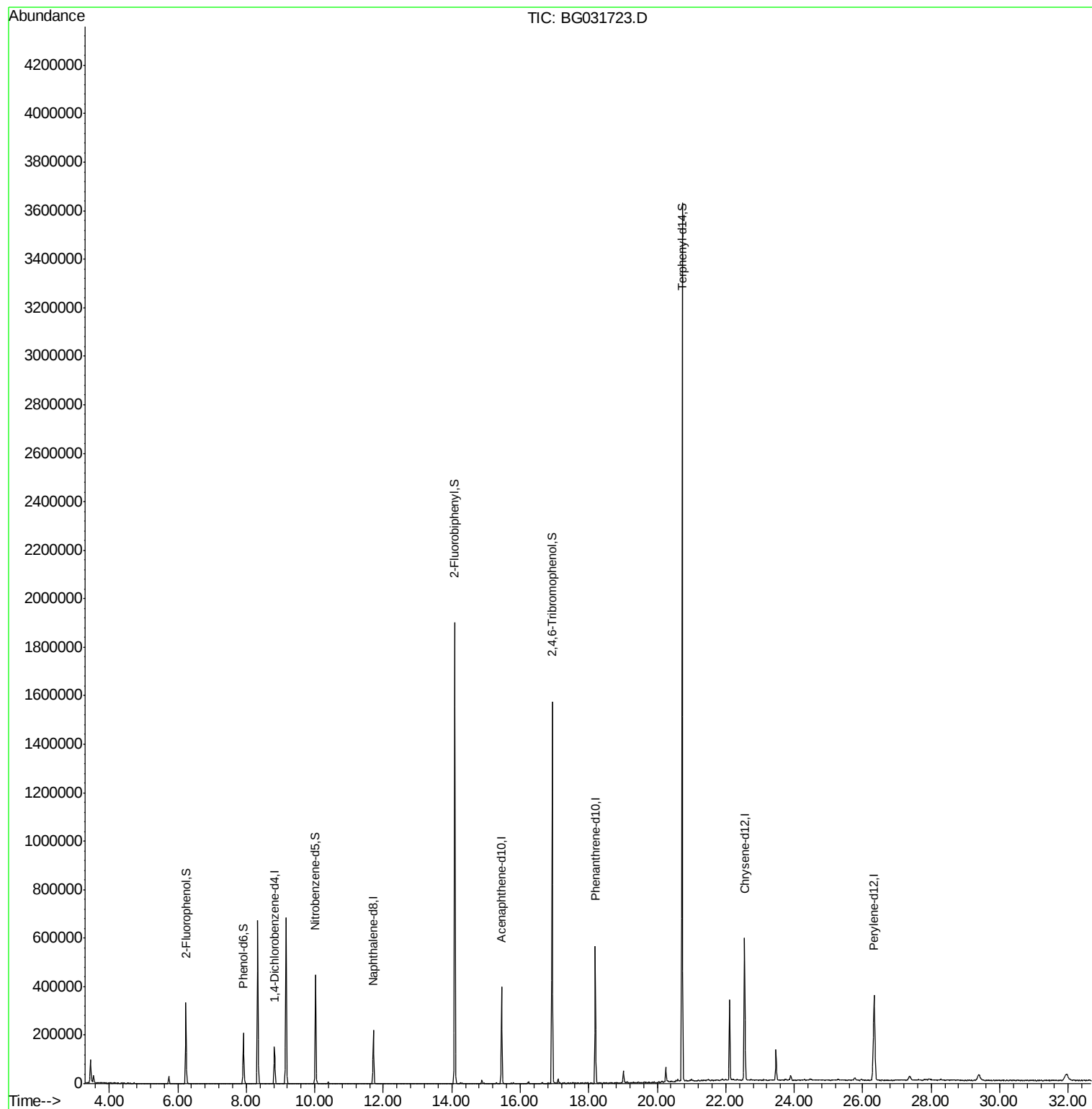
Target Compounds	Qvalue
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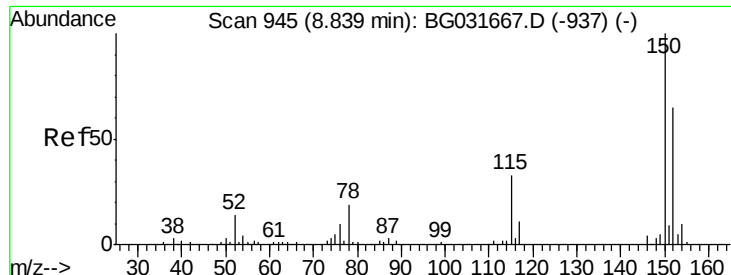
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.02 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-121817

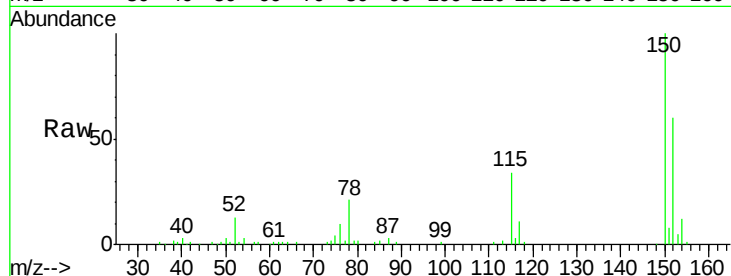
Tgt Ion:152 Resp: 53339

Ion Ratio Lower Upper

152 100

150 165.4 126.6 189.8

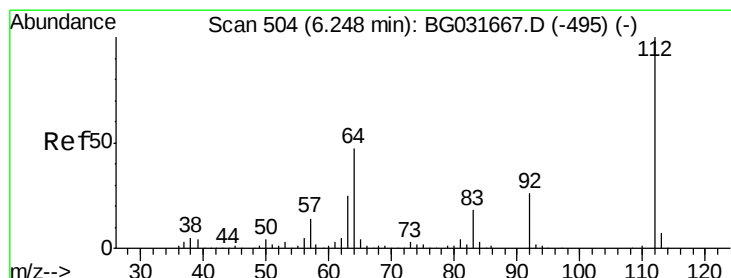
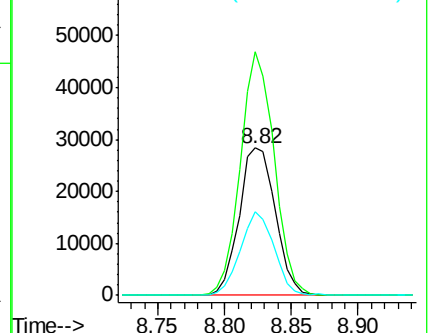
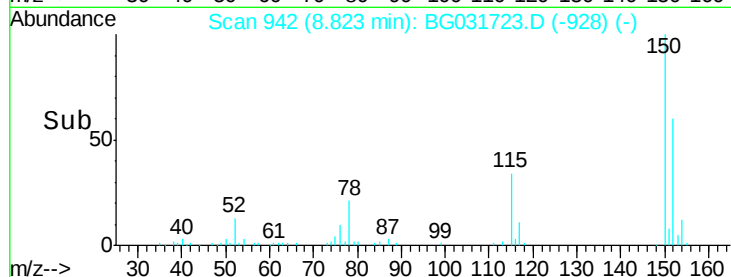
115 56.6 53.0 79.4



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: 62.191 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

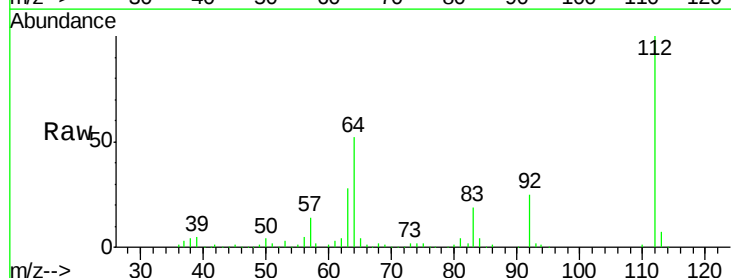
Tgt Ion:112 Resp: 182126

Ion Ratio Lower Upper

112 100

64 52.1 56.3 84.5#

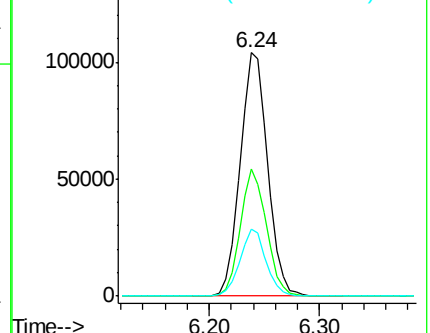
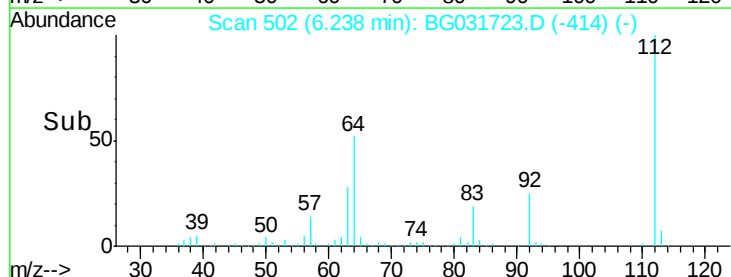
63 27.7 30.1 45.1#



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: 37.555 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-121817

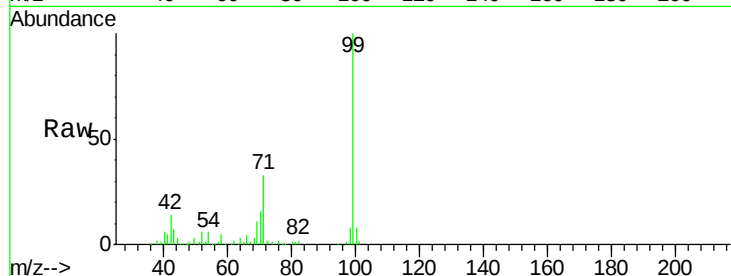
Tgt Ion: 99 Resp: 142788

Ion Ratio Lower Upper

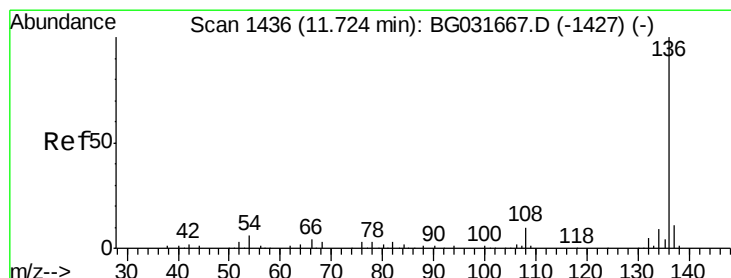
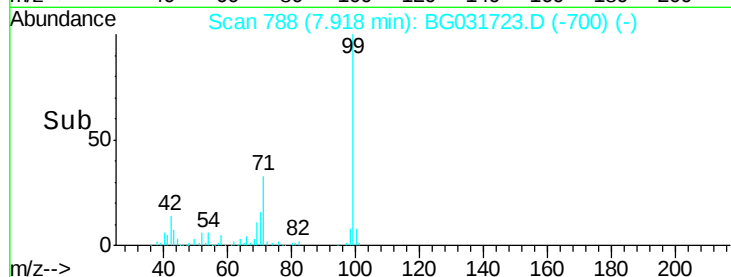
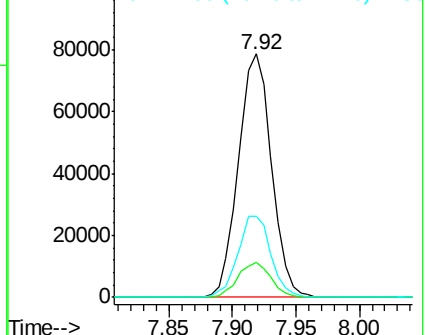
99 100

42 14.2 14.1 21.1

71 33.2 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

Tgt Ion: 136 Resp: 224802

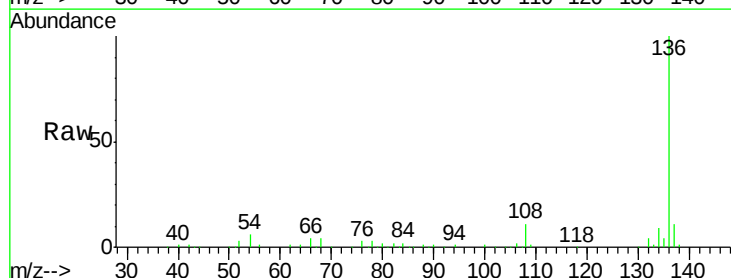
Ion Ratio Lower Upper

136 100

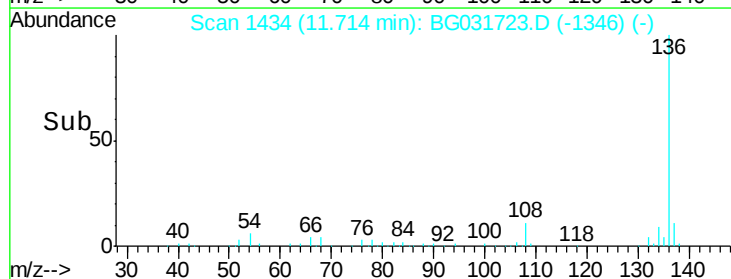
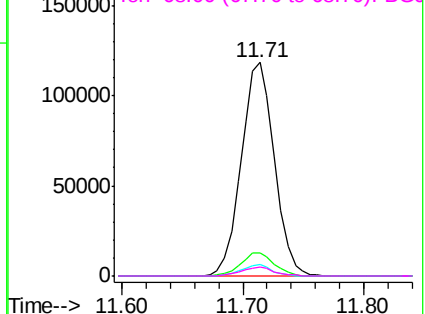
137 10.7 9.2 13.8

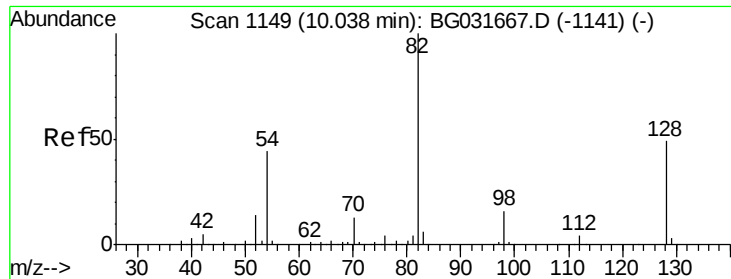
54 5.5 10.3 15.5#

68 4.1 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

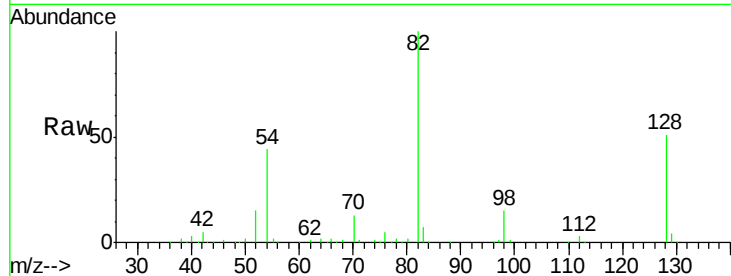




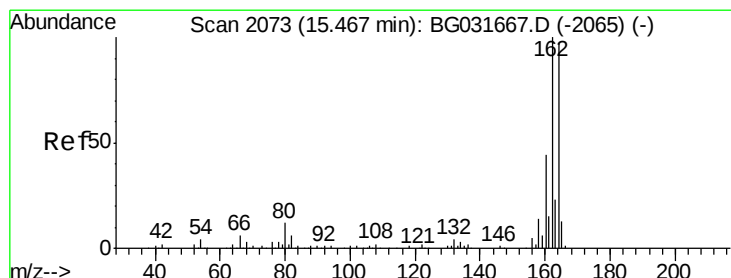
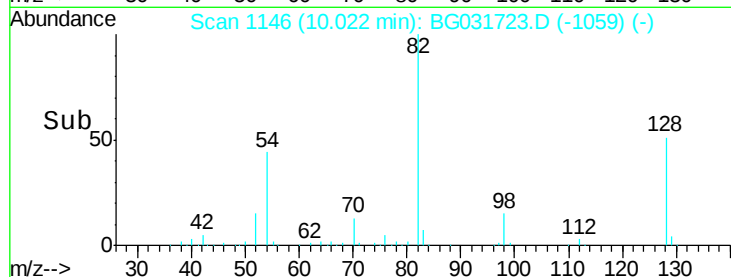
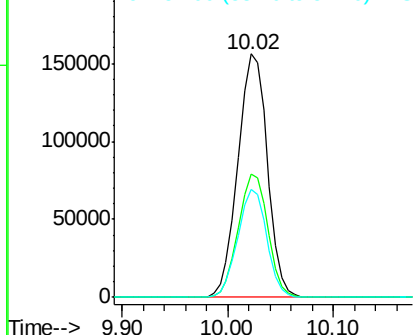
#23
 Nitrobenzene-d5
 Concen: 101.574 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031723.D
 Acq: 22 Dec 2017 22:33

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-121817

Tgt Ion: 82 Resp: 302389
 Ion Ratio Lower Upper
 82 100
 128 50.6 29.7 44.5#
 54 44.2 43.1 64.7

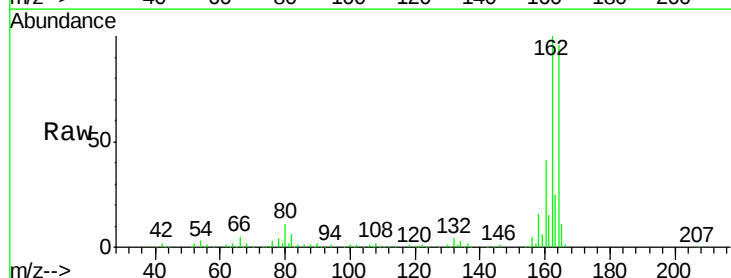


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

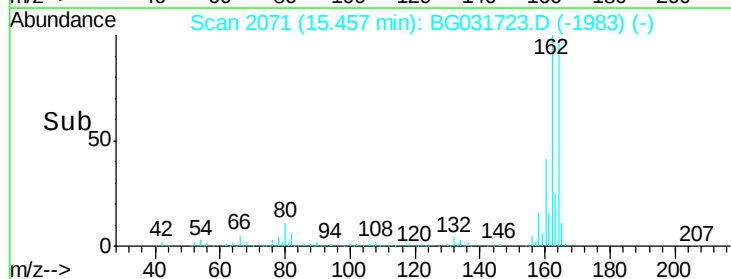
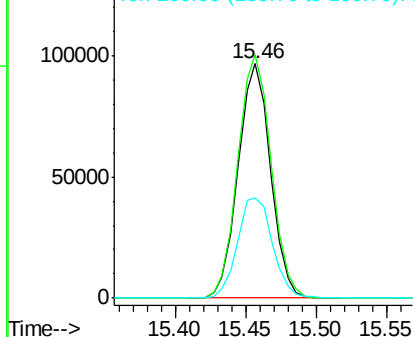


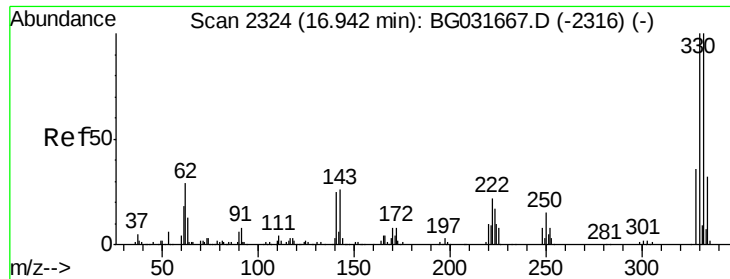
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031723.D
 Acq: 22 Dec 2017 22:33

Tgt Ion: 164 Resp: 155049
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 43.1 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

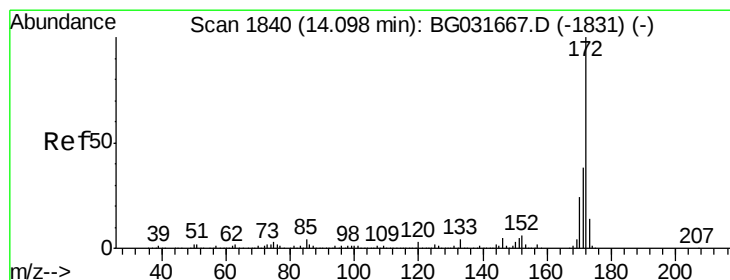
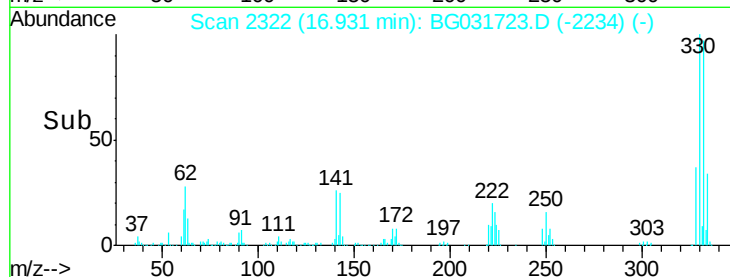
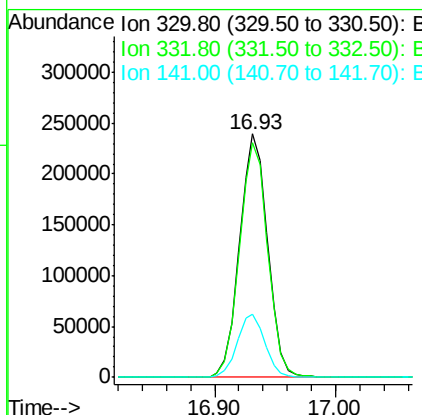
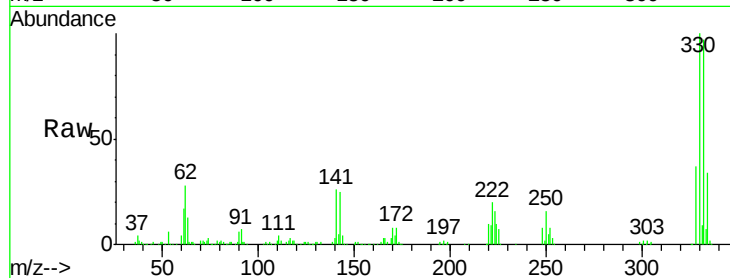




#41
 2,4,6-Tribromophenol
 Concen: 163.427 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031723.D
 Acq: 22 Dec 2017 22:33

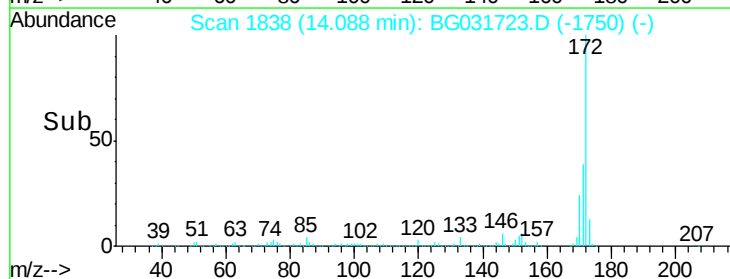
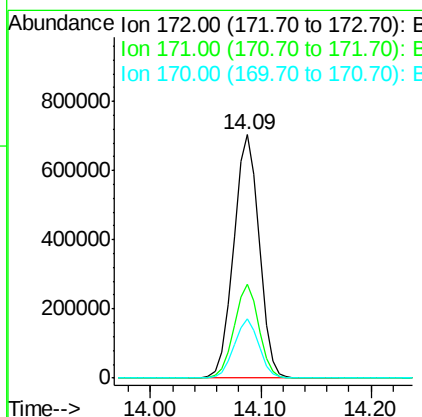
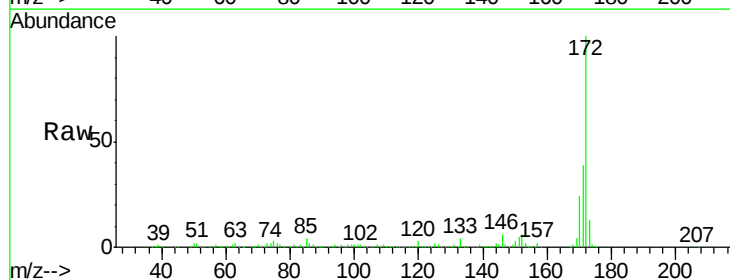
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-121817

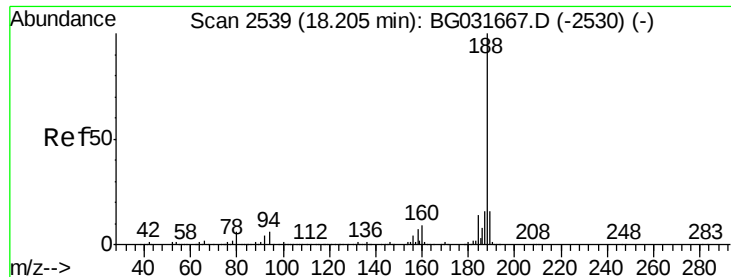
Tgt Ion:330 Resp: 386640
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 25.8 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 92.046 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031723.D
 Acq: 22 Dec 2017 22:33

Tgt Ion:172 Resp: 1137065
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.5 19.5 29.3

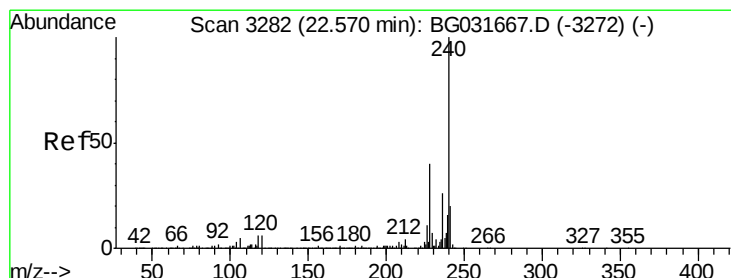
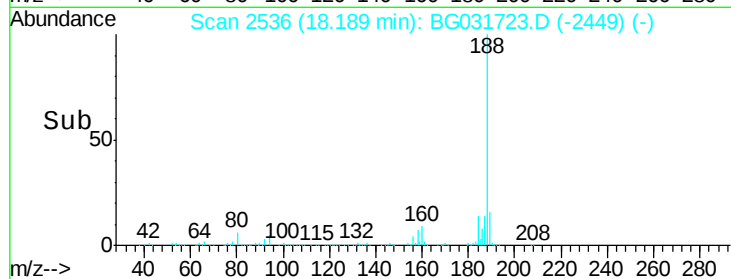
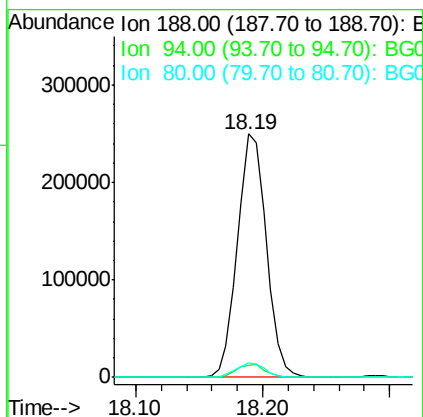
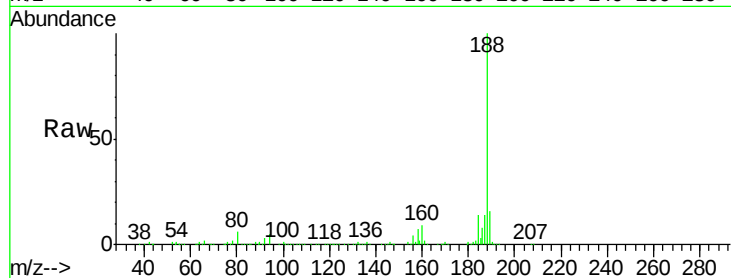




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BG031723.D
Acq: 22 Dec 2017 22:33

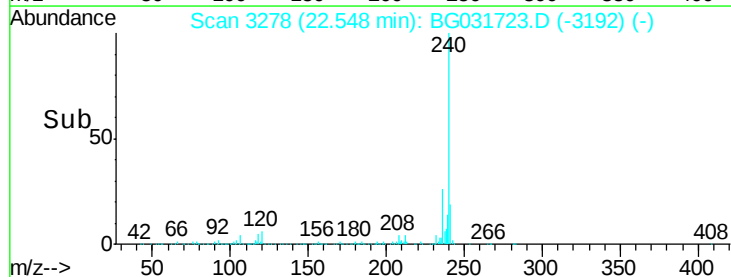
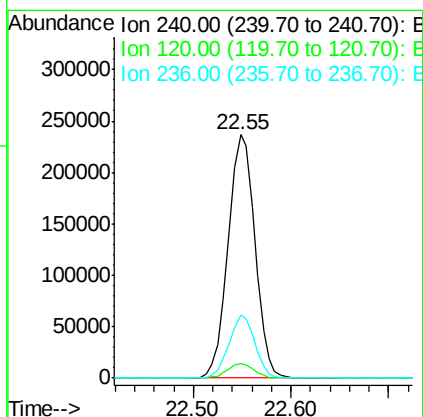
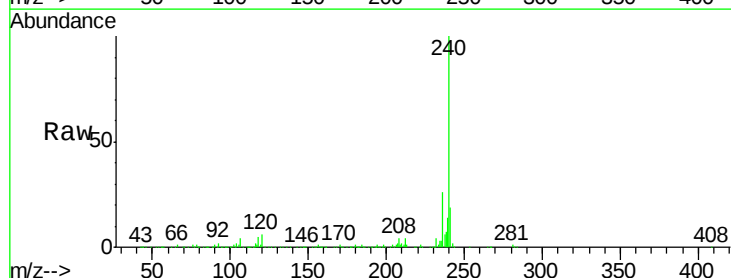
Instrument :
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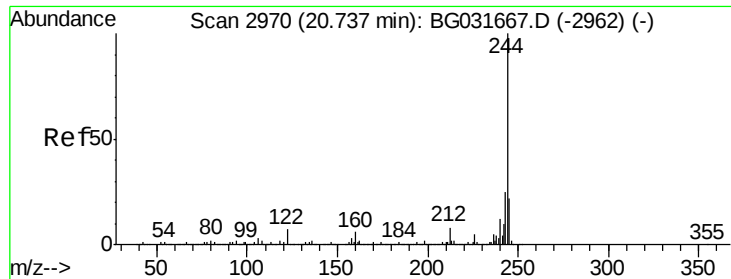
Tgt Ion:188 Resp: 393918
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031723.D
Acq: 22 Dec 2017 22:33

Tgt Ion:240 Resp: 452954
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 98.820 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-121817

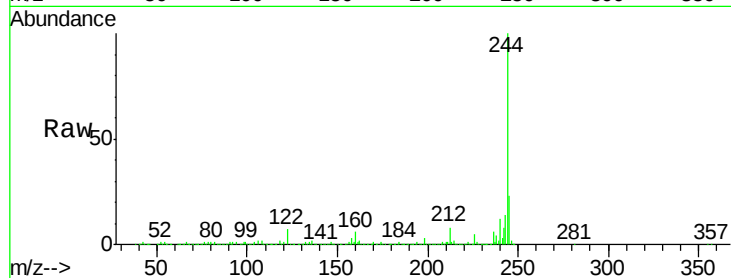
Tgt Ion:244 Resp: 1959200

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

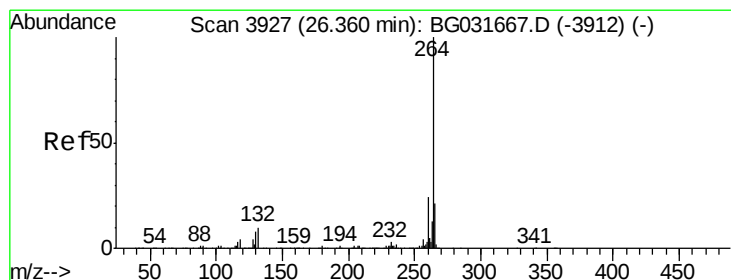
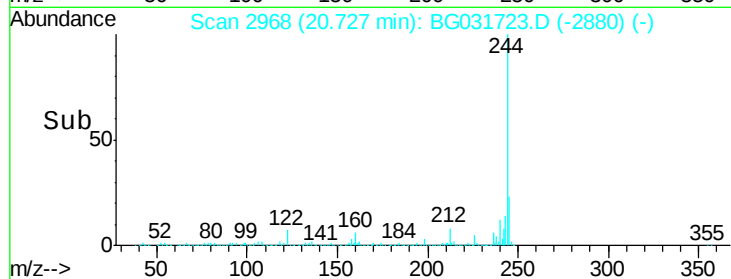
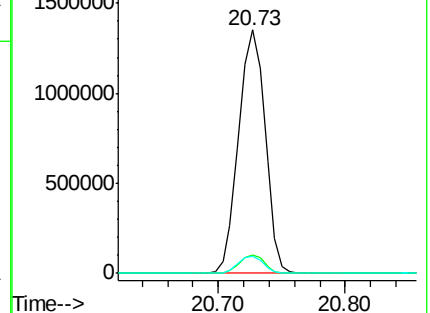
122 7.2 7.0 10.4



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# 3922

Delta R.T. -0.03 min

Lab File: BG031723.D

Acq: 22 Dec 2017 22:33

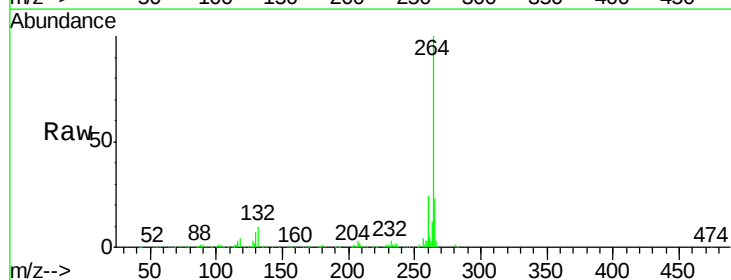
Tgt Ion:264 Resp: 478633

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.5 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

