

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033962.D
 Acq On : 24 Apr 2018 20:04
 Operator : SJ/JU
 Sample : J2475-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Apr 25 00:33:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	70828	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	297927	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	184331	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	463241	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	538634	20.00	ng	-0.03
86) Perylene-d12	24.52	264	551944	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	419857	94.64	ng	0.00
7) Phenol-d6	6.99	99	385735	59.61	ng	0.00
23) Nitrobenzene-d5	8.97	82	522106	99.73	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	355772	165.44	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1280432	102.04	ng	-0.02
78) Terphenyl-d14	19.84	244	1898783	79.20	ng	-0.02

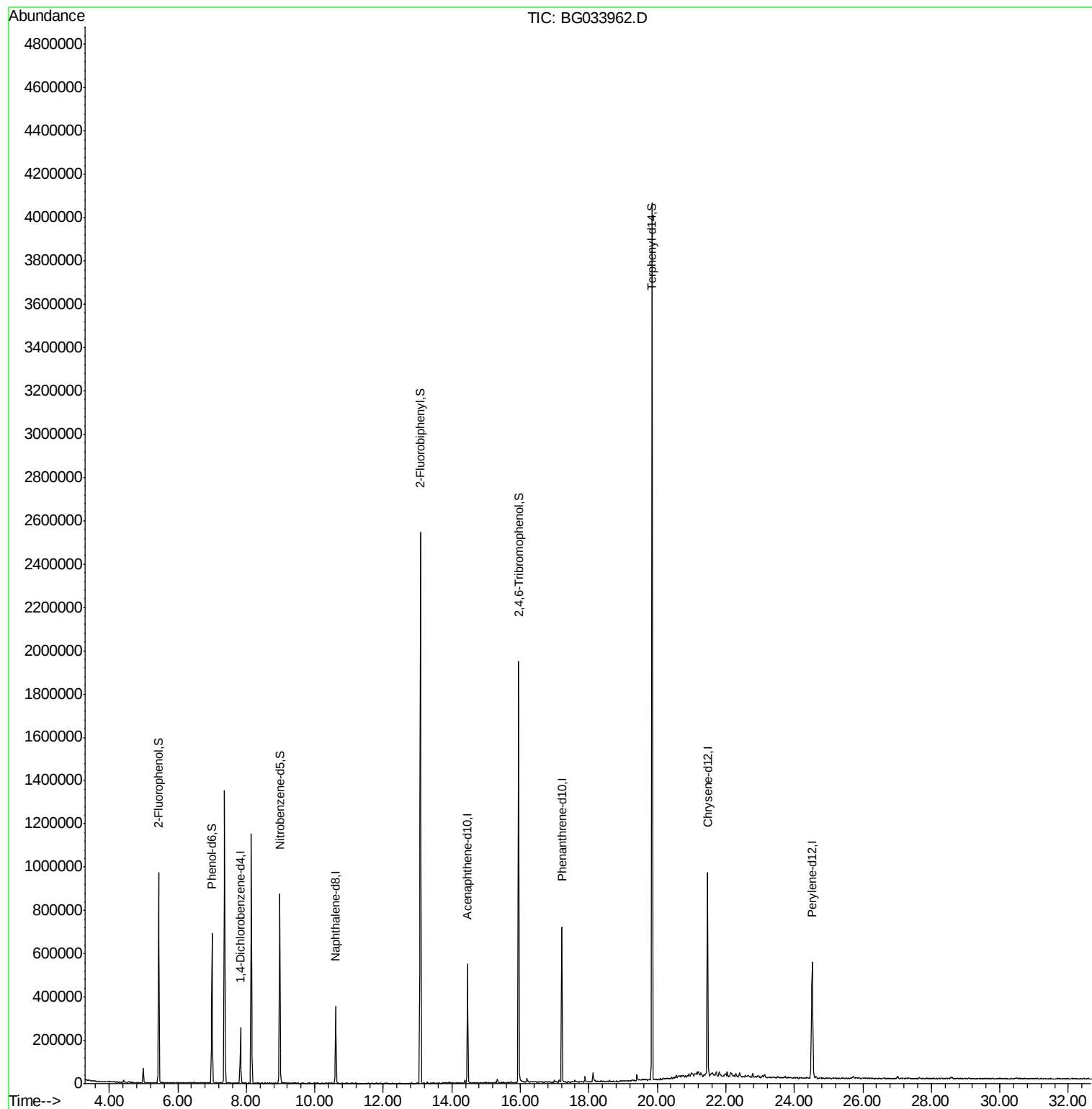
Target Compounds Qvalue

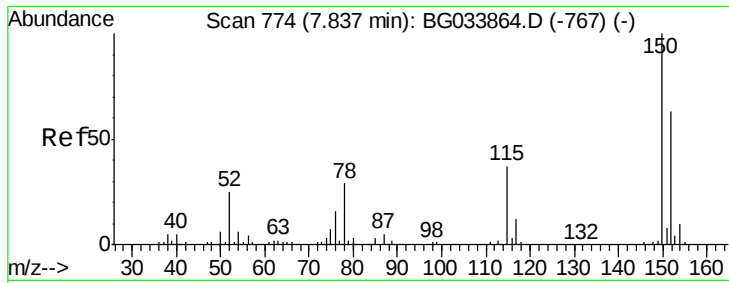
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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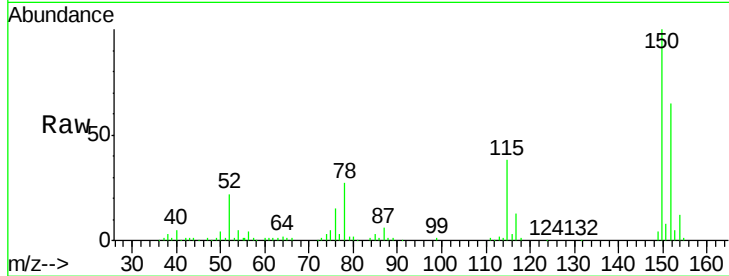


#1

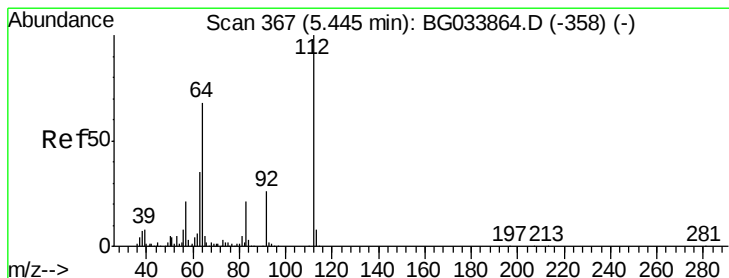
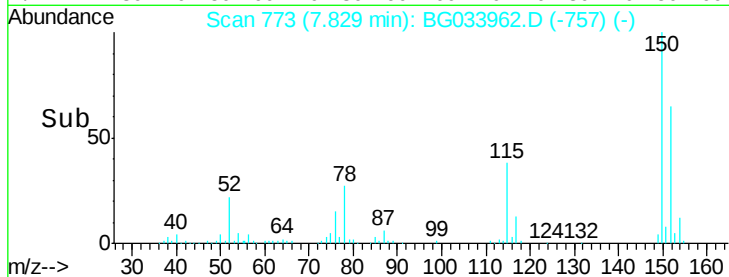
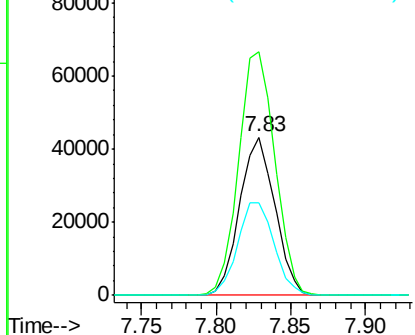
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033962.D
 Acq: 24 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Tot Ion:152 Resp: 70828
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.6 189.8
 115 58.3 53.0 79.4



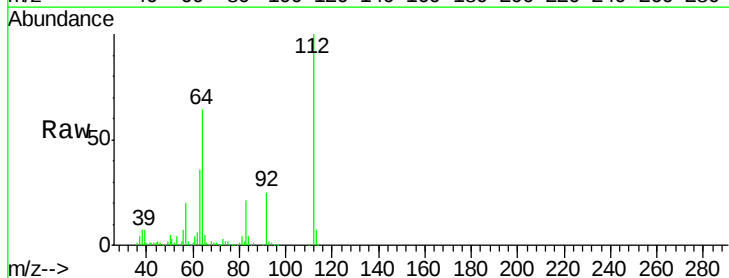
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



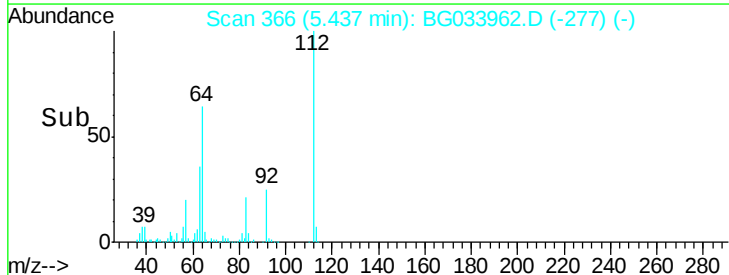
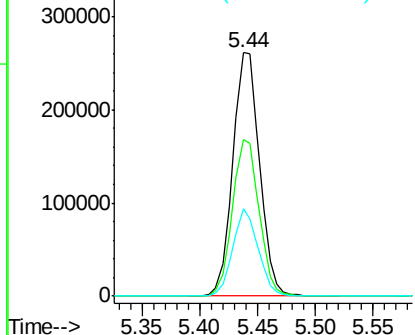
#5

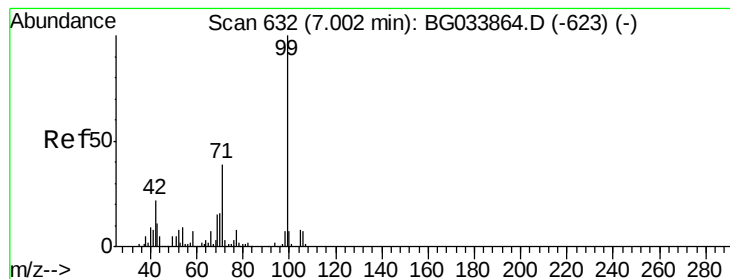
2-Fluorophenol
 Concen: 94.640 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG033962.D
 Acq: 24 Apr 2018 20:04

Tgt Ion:112 Resp: 419857
 Ion Ratio Lower Upper
 112 100
 64 64.4 56.3 84.5
 63 35.7 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: 59.613 ng

RT: 6.99 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

MW-02

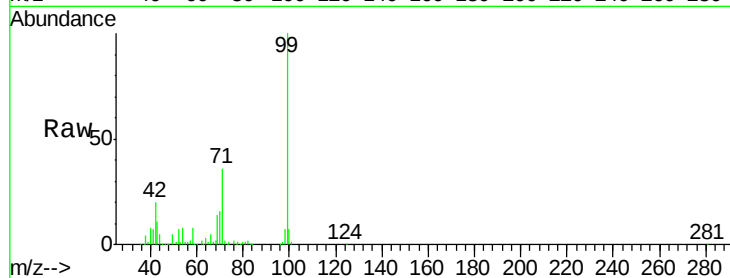
Tot Ion: 99 Resp: 385735

Ion Ratio Lower Upper

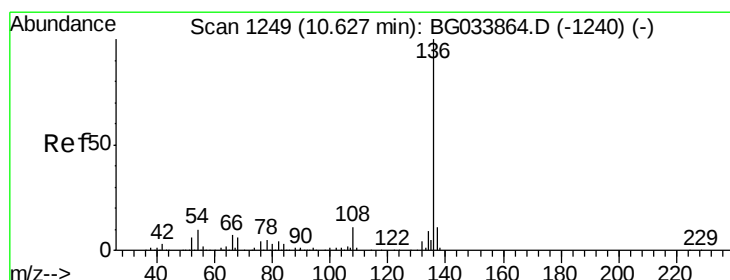
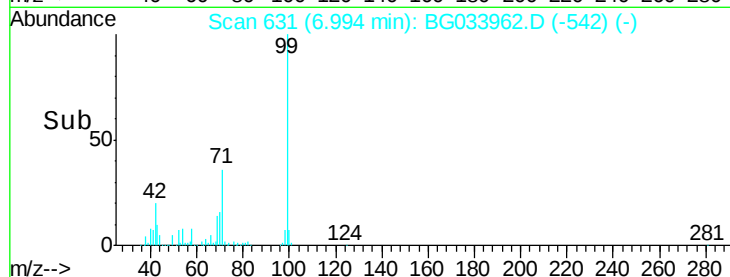
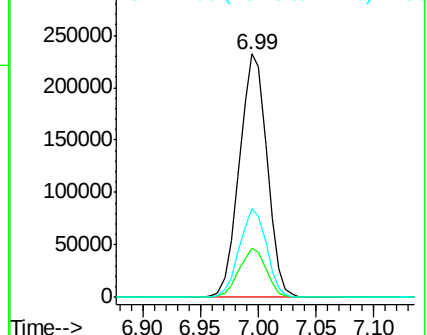
99 100

42 20.3 14.1 21.1

71 36.2 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

Tgt Ion: 136 Resp: 297927

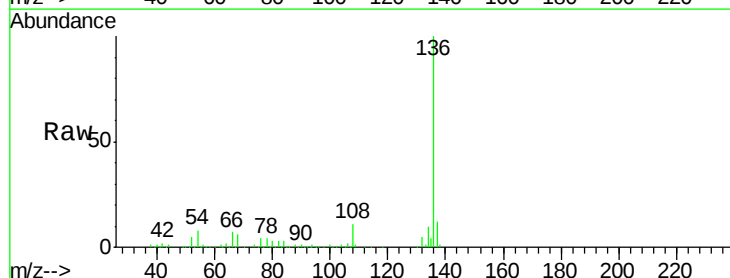
Ion Ratio Lower Upper

136 100

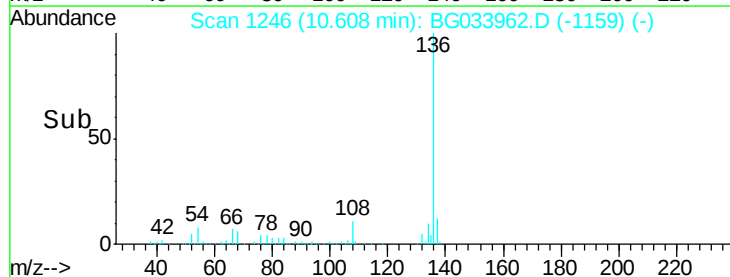
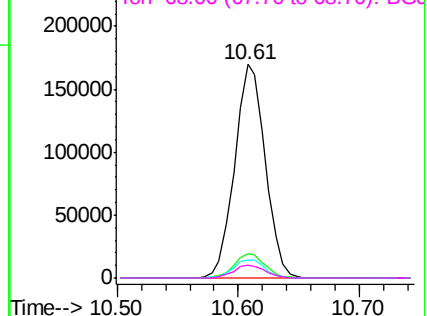
137 11.5 9.2 13.8

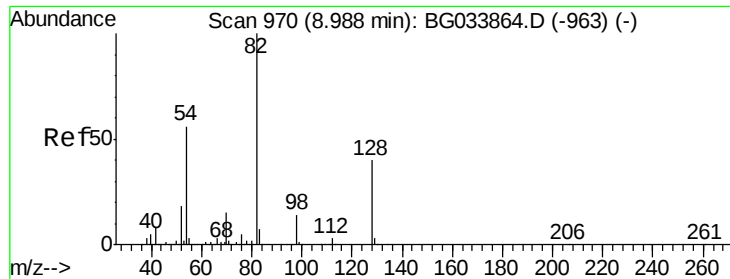
54 8.4 10.3 15.5#

68 6.0 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

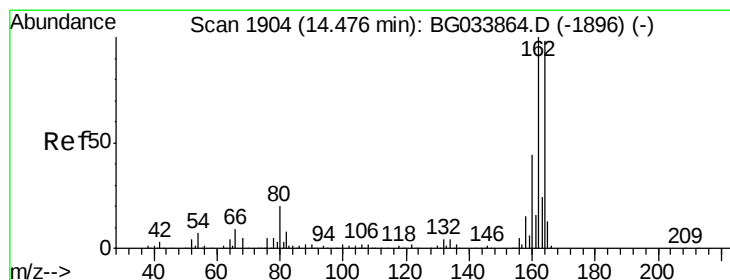
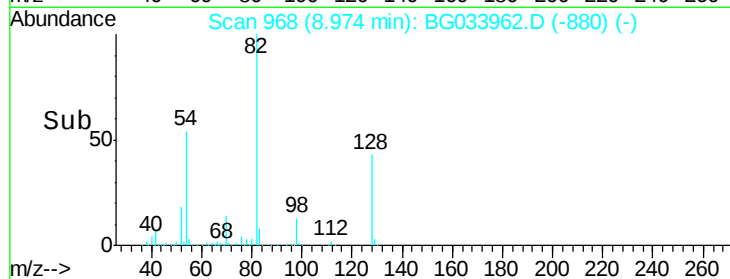
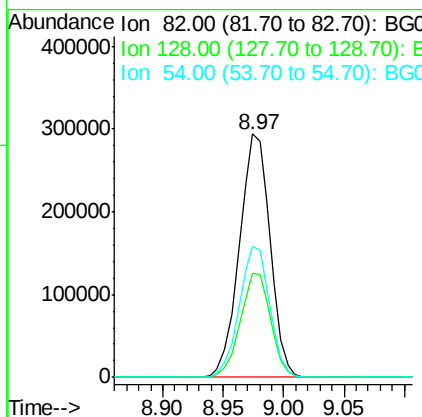
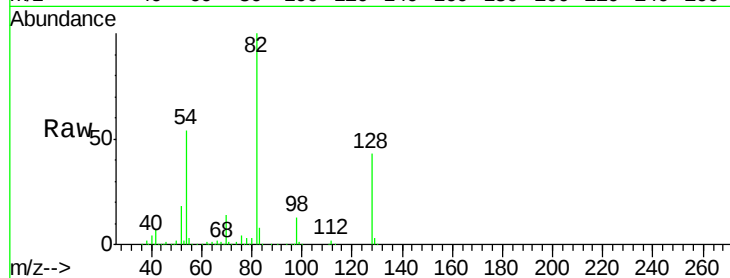




#23
 Nitrobenzene-d5
 Concen: 99.732 ng
 RT: 8.97 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033962.D
 Acq: 24 Apr 2018 20:04

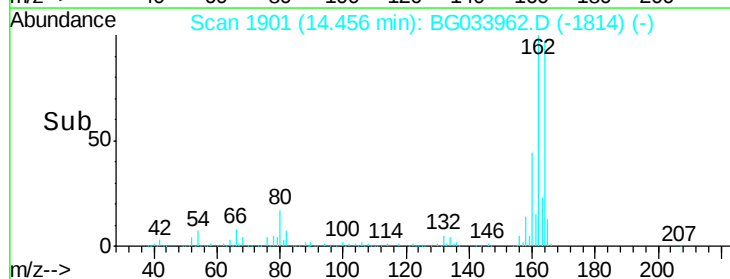
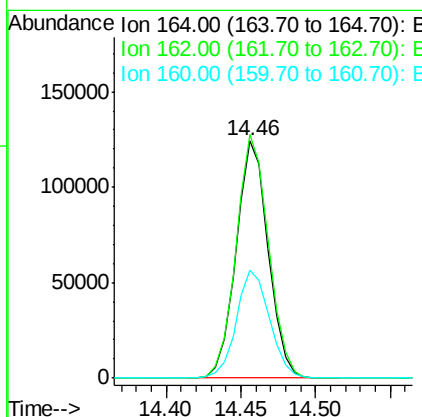
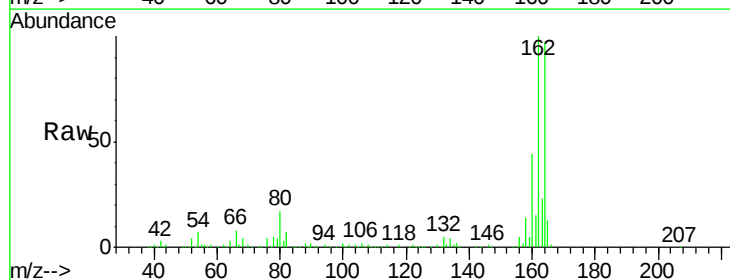
Instrument :
 BNA_G
 ClientSampleId :
 MW-02

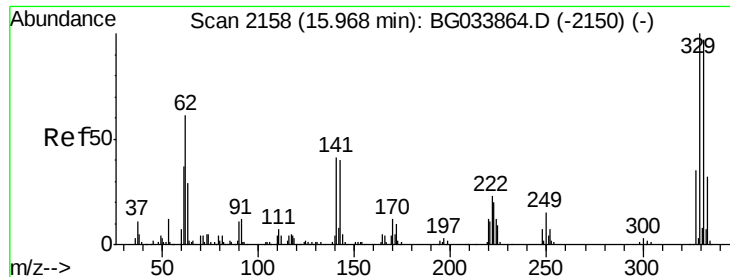
Tot Ion	82	Resp	522106
Ion Ratio	100	Lower	Upper
128	42.7	29.7	44.5
54	54.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033962.D
 Acq: 24 Apr 2018 20:04

Tgt Ion	164	Resp	184331
Ion Ratio	100	Lower	Upper
162	102.6	78.8	118.2
160	45.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 165.436 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

MW-02

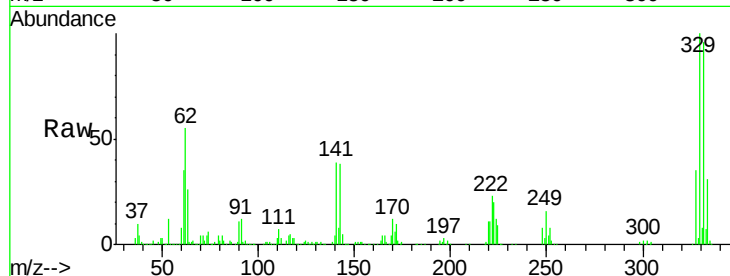
Tot Ion:330 Resp: 355772

Ion Ratio Lower Upper

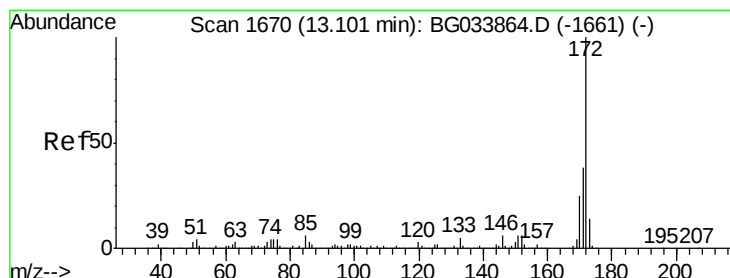
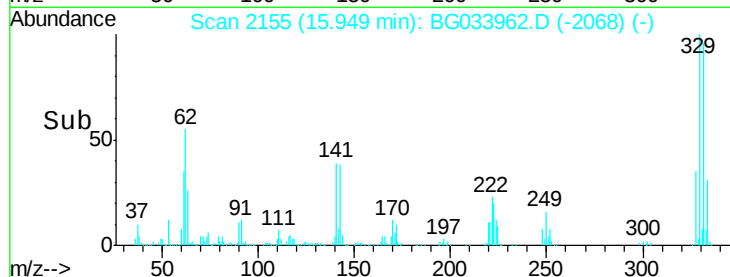
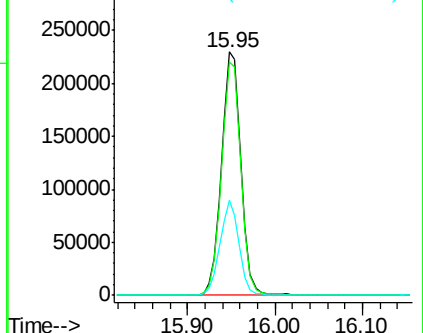
330 100

332 95.6 77.0 115.6

141 38.0 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: 102.044 ng

RT: 13.08 min Scan# 1667

Delta R.T. -0.02 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

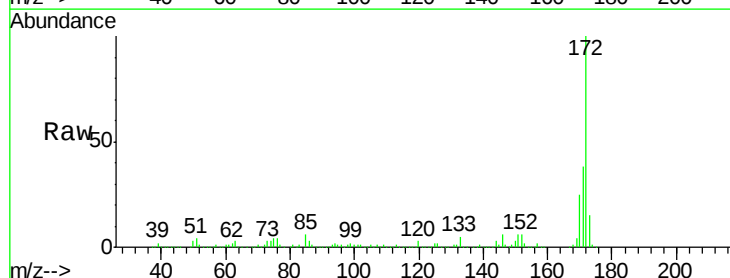
Tgt Ion:172 Resp: 1280432

Ion Ratio Lower Upper

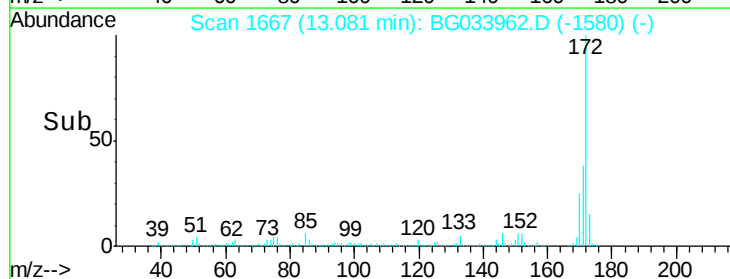
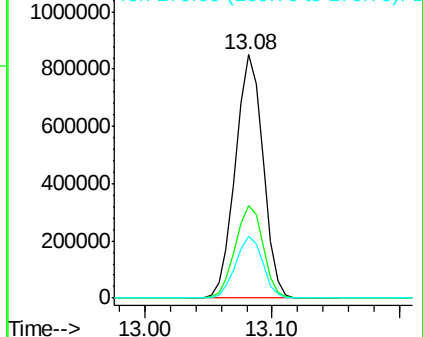
172 100

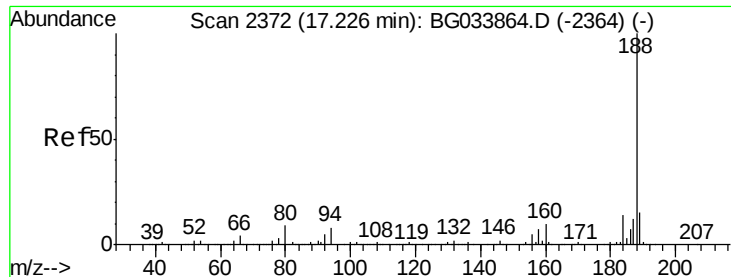
171 38.2 30.0 45.0

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

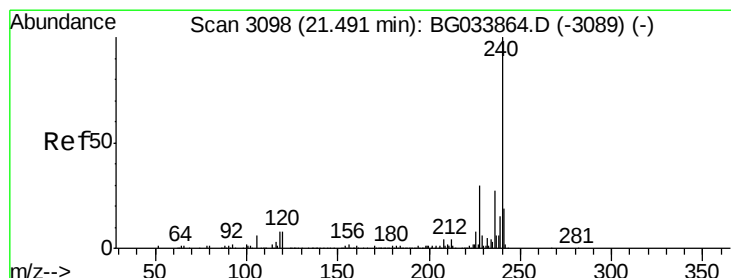
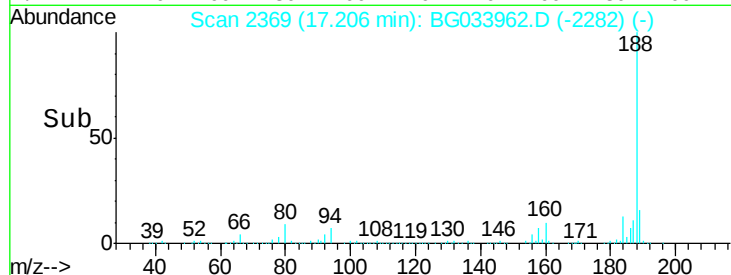
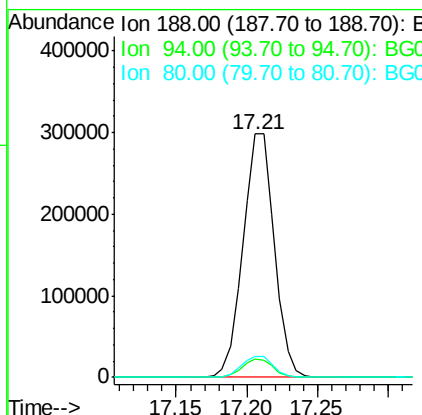
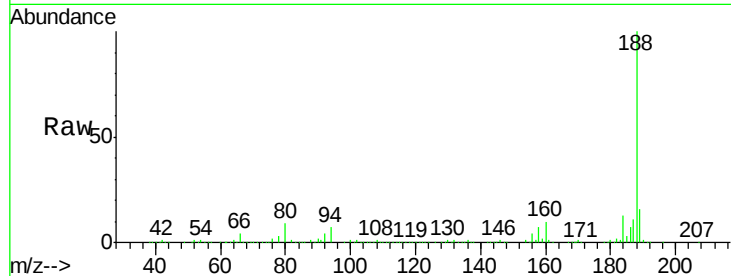




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033962.D
Acq: 24 Apr 2018 20:04

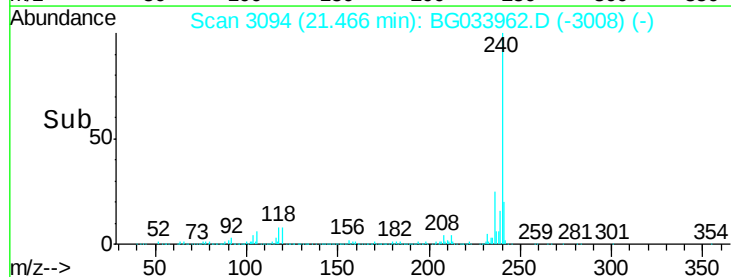
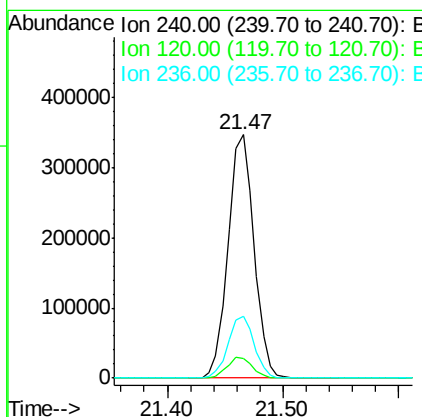
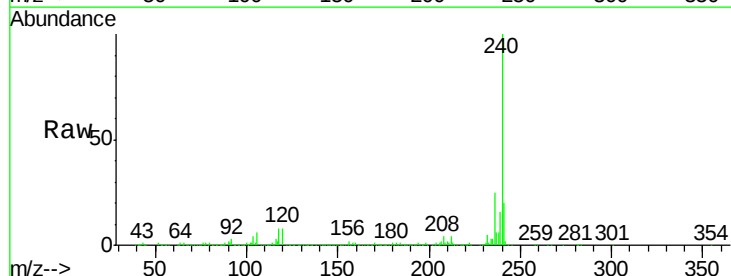
Instrument :
BNA_G
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MW-02

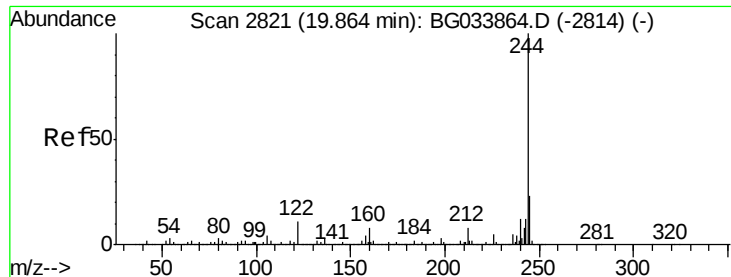
Tot Ion:188 Resp: 463241
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BG033962.D
Acq: 24 Apr 2018 20:04

Tgt Ion:240 Resp: 538634
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 79.197 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

Instrument :

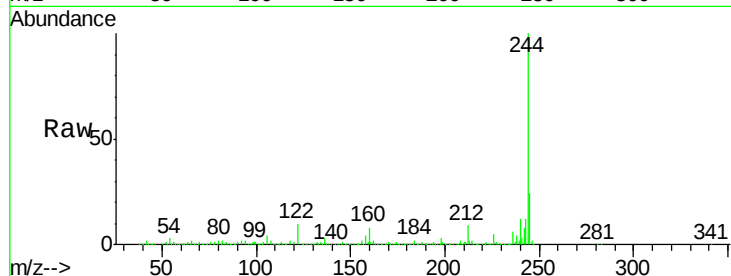
BNA_G

ClientSampleId :

MW-02

Tot Ion:244 Resp: 1898783

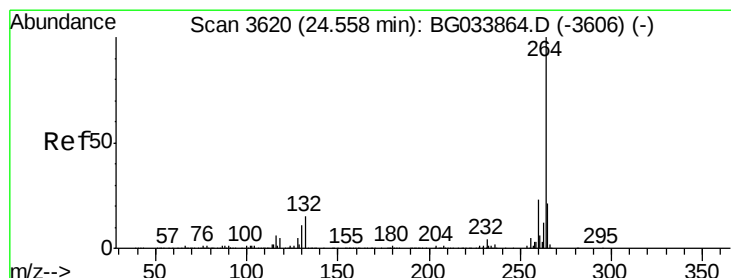
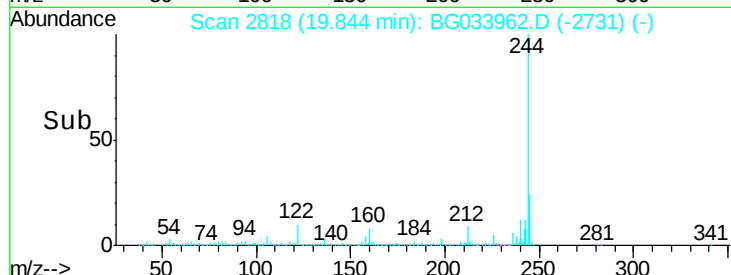
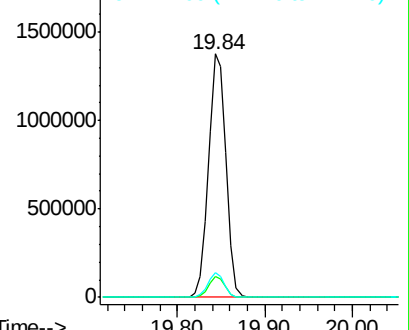
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.2	7.0	10.4



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: 24.52 min Scan# 3614

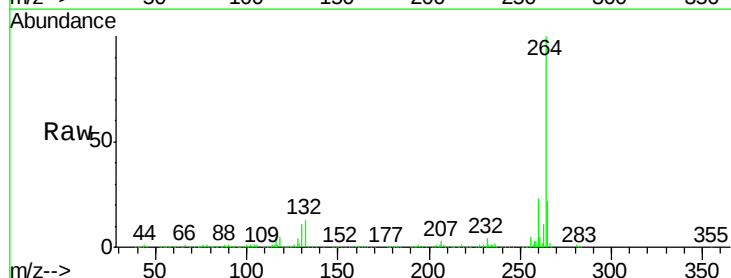
Delta R.T. -0.04 min

Lab File: BG033962.D

Acq: 24 Apr 2018 20:04

Tgt Ion:264 Resp: 551944

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	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

