

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033931.D
 Acq On : 23 Apr 2018 21:38
 Operator : SJ/JU
 Sample : PB108464BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108464BL

Quant Time: Apr 24 04:14:07 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	64160	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	267113	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	179513	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	504730	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	564480	20.00	ng	-0.02
86) Perylene-d12	24.52	264	567161	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	392015	97.55	ng	0.00
7) Phenol-d6	7.00	99	514271	87.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	454332	96.80	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	229494	109.58	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1119432	91.61	ng	-0.02
78) Terphenyl-d14	19.85	244	2172545	86.47	ng	-0.01

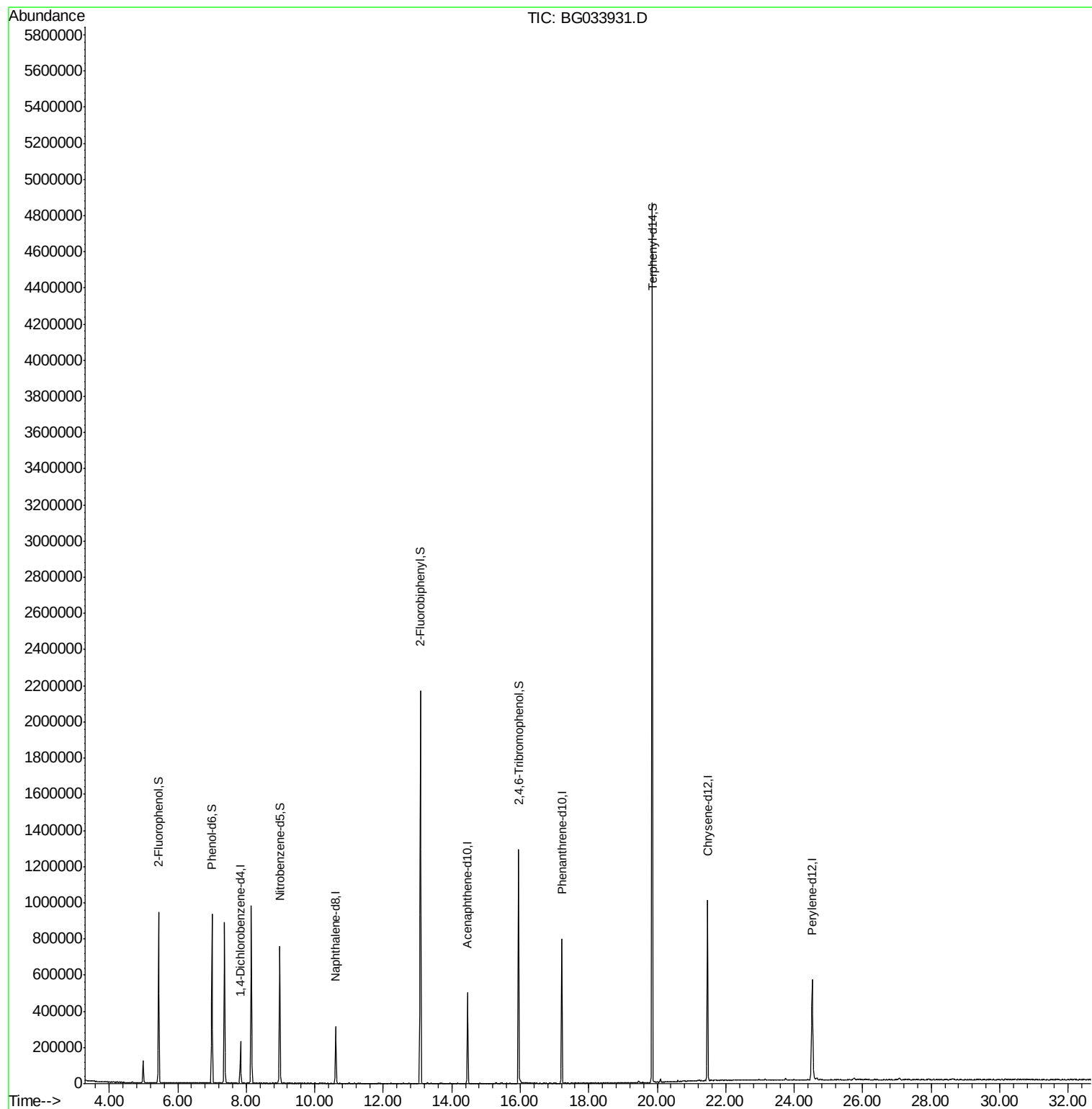
Target Compounds Qvalue

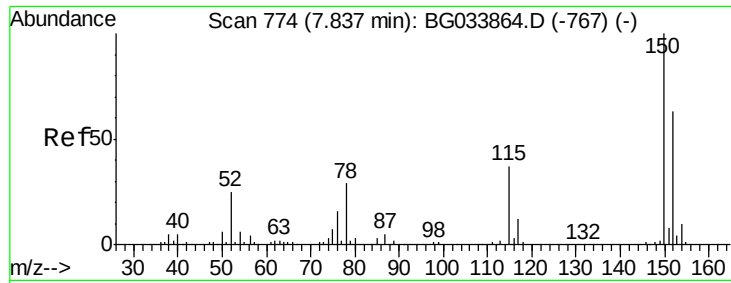
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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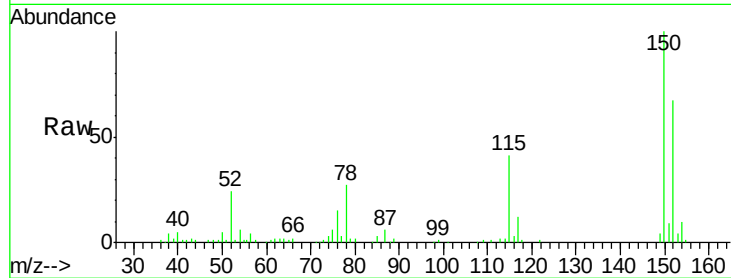


#1

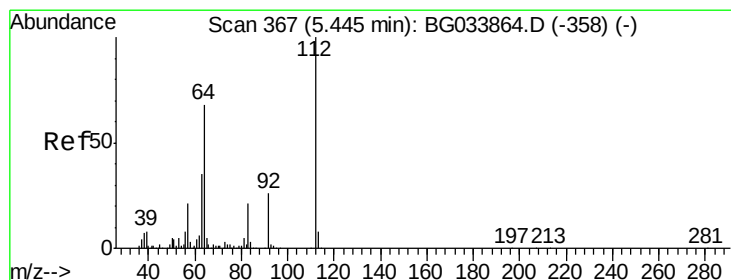
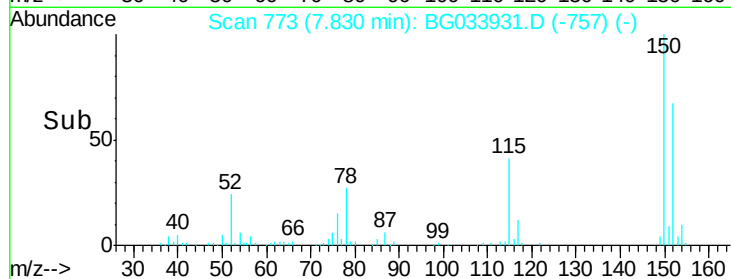
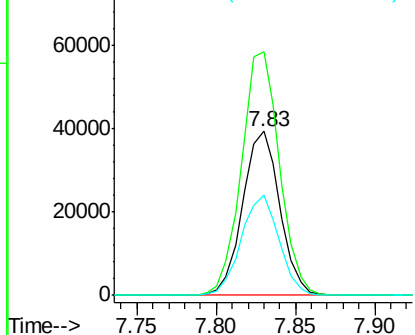
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033931.D
 Acq: 23 Apr 2018 21:38

Instrument :
 BNA_G
 ClientSampleId :
 PB108464BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	61.2	53.0	79.4



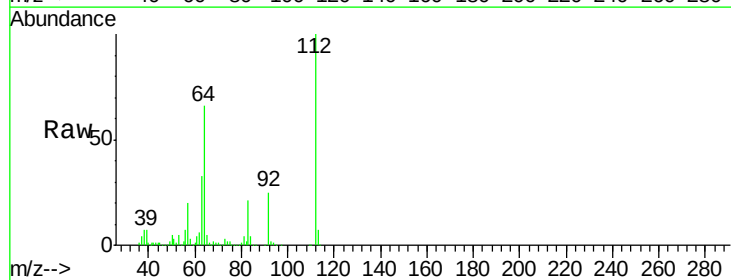
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



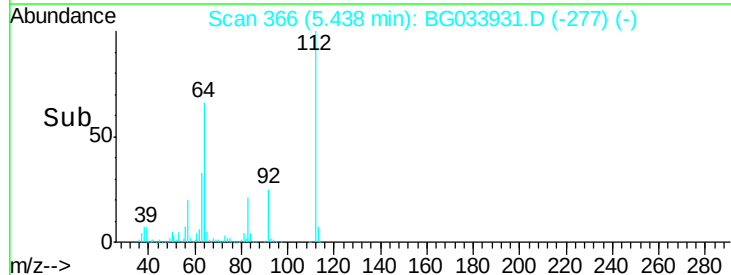
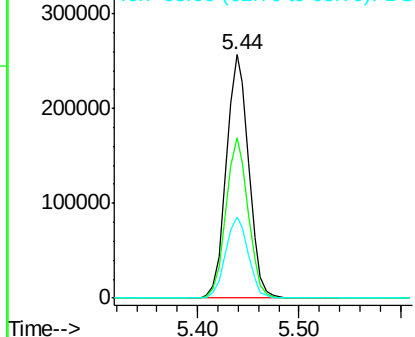
#5

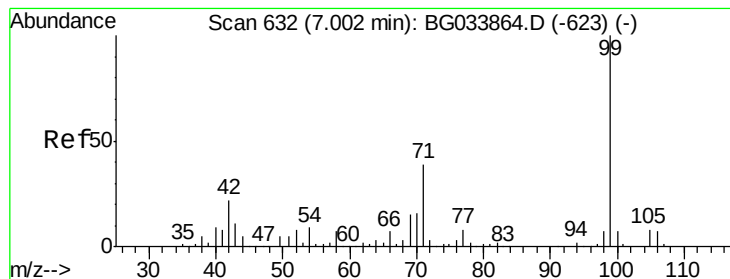
2-Fluorophenol
 Concen: 97.548 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG033931.D
 Acq: 23 Apr 2018 21:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	33.2	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: 87.737 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033931.D

Acq: 23 Apr 2018 21:38

Instrument :

BNA_G

ClientSampleId :

PB108464BL

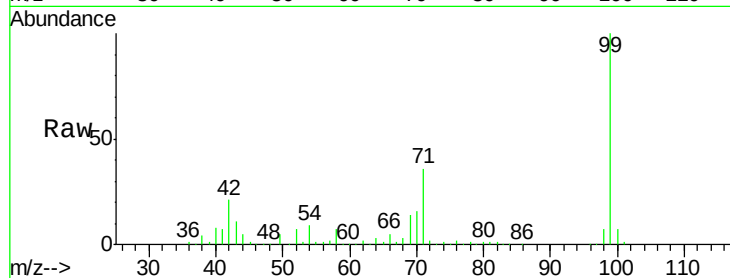
Tot Ion: 99 Resp: 514271

Ion Ratio Lower Upper

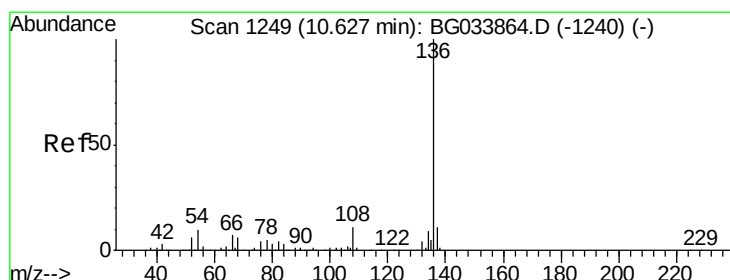
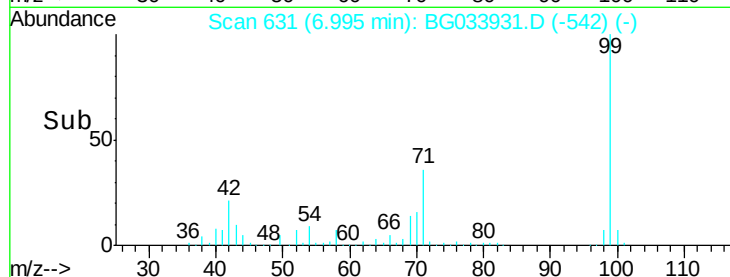
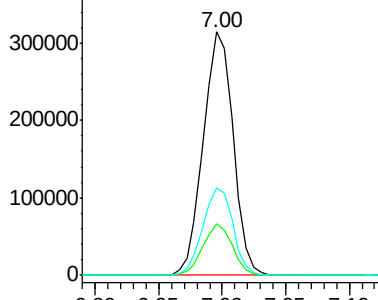
99 100

42 21.2 14.1 21.1#

71 36.0 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033931.D

Acq: 23 Apr 2018 21:38

Tgt Ion: 136 Resp: 267113

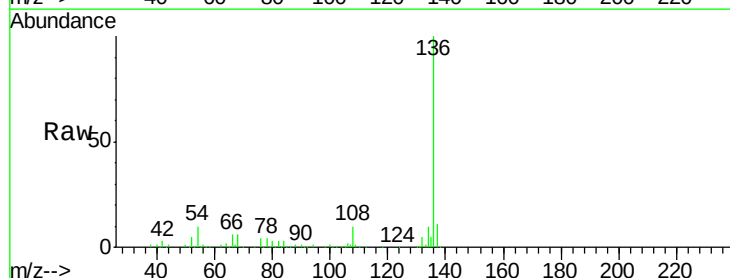
Ion Ratio Lower Upper

136 100

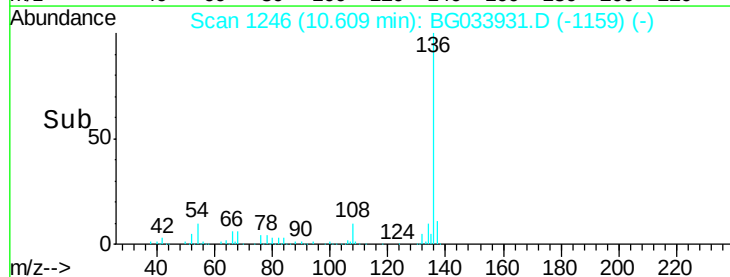
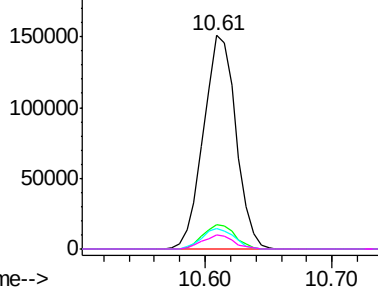
137 11.4 9.2 13.8

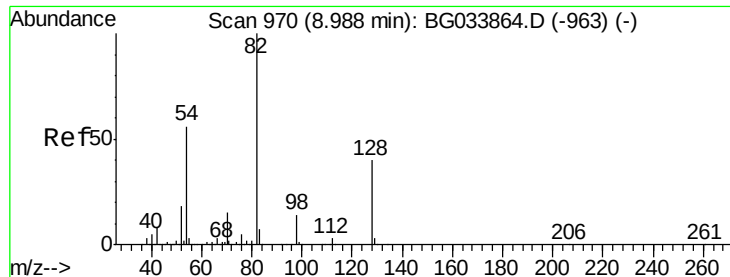
54 9.5 10.3 15.5#

68 6.3 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: 96.797 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033931.D

Acq: 23 Apr 2018 21:38

Instrument :

BNA_G

ClientSampleId :

PB108464BL

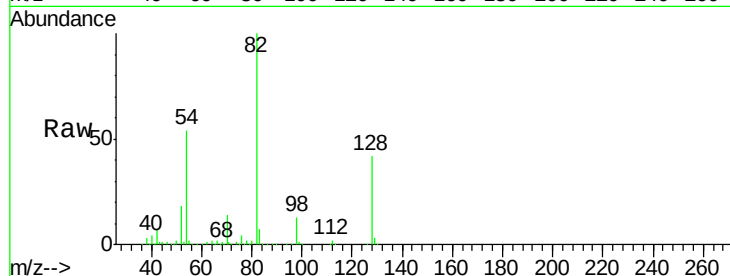
Tot Ion: 82 Resp: 454332

Ion Ratio Lower Upper

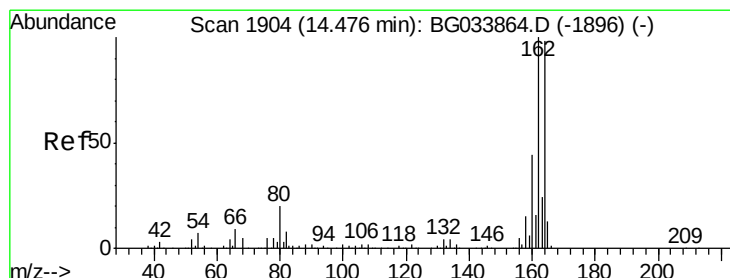
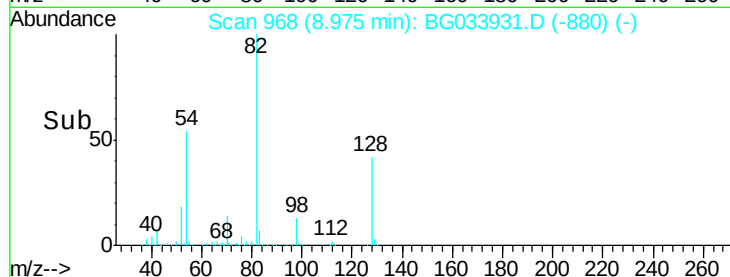
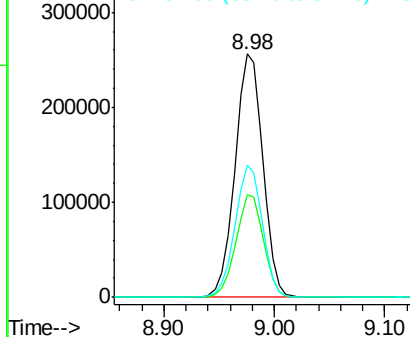
82 100

128 42.0 29.7 44.5

54 54.3 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: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033931.D

Acq: 23 Apr 2018 21:38

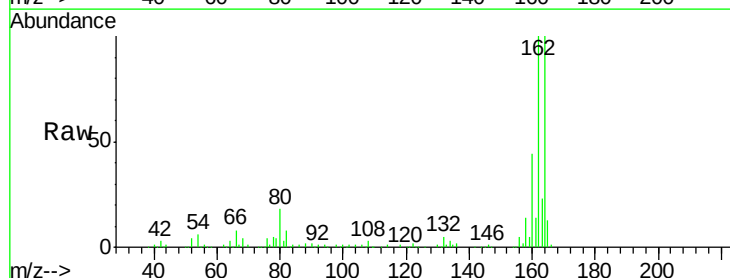
Tgt Ion: 164 Resp: 179513

Ion Ratio Lower Upper

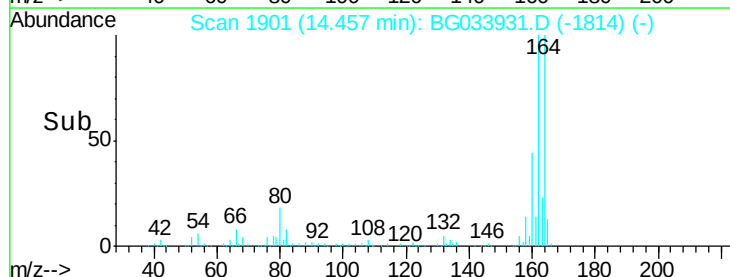
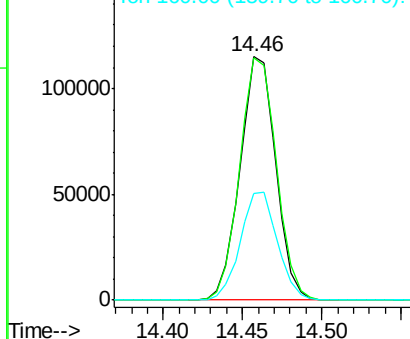
164 100

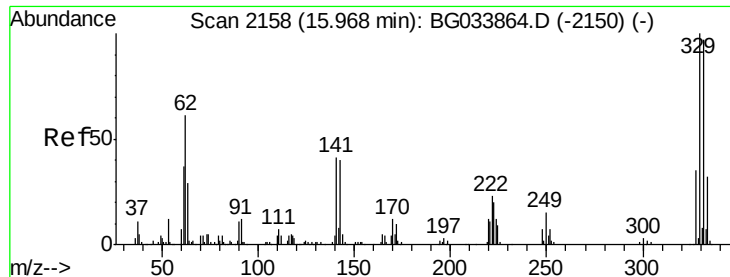
162 99.7 78.8 118.2

160 43.7 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

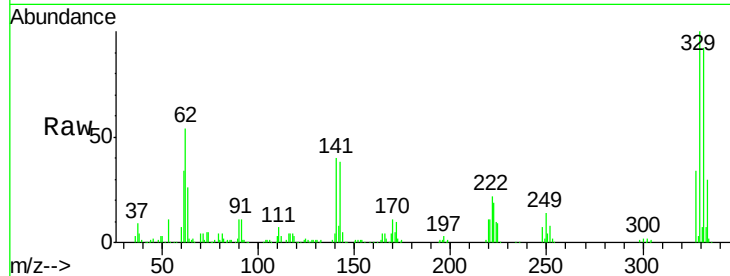




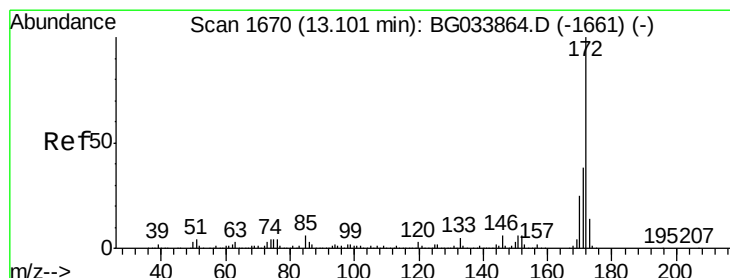
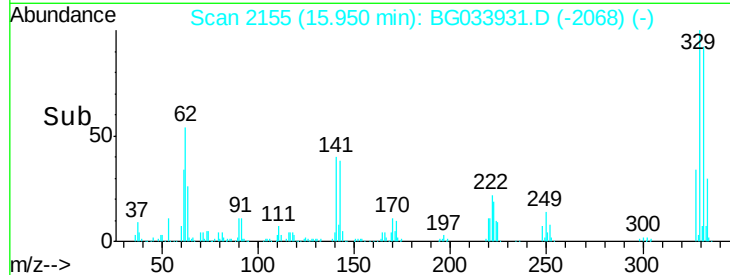
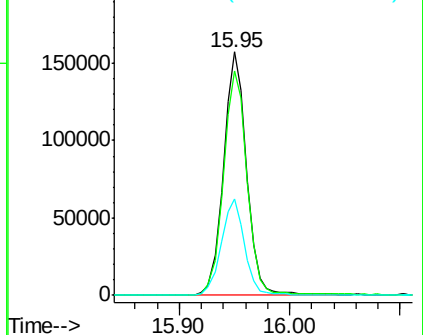
#41
 2,4,6-Tribromophenol
 Concen: 109.580 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033931.D
 Acq: 23 Apr 2018 21:38

Instrument :
 BNA_G
 ClientSampleId :
 PB108464BL

Tot Ion:330 Resp: 229494
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 40.0 25.2 37.8#

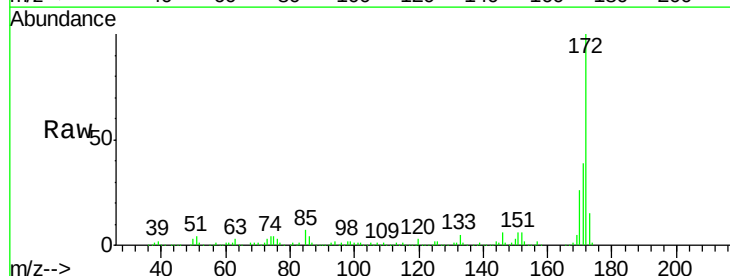


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

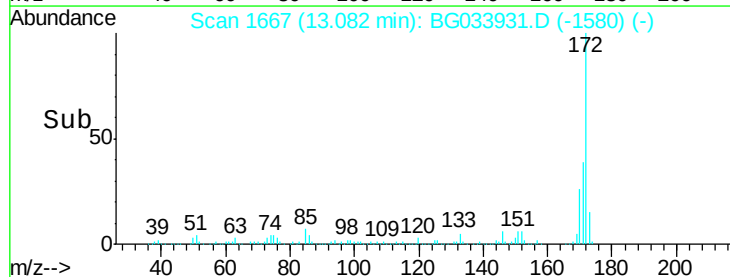
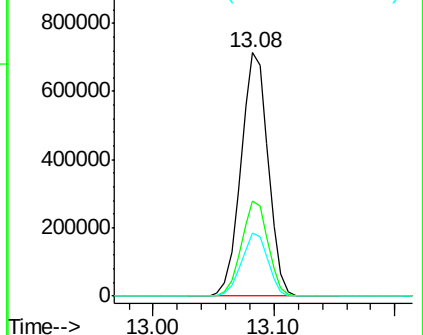


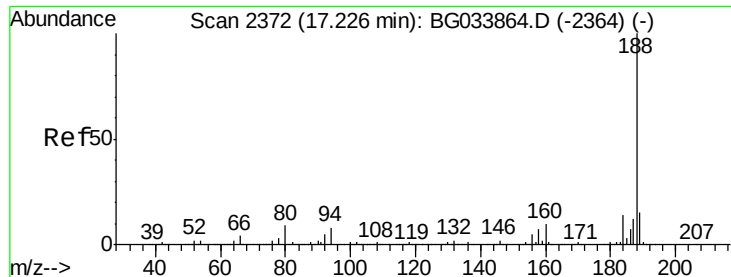
#44
 2-Fluorobiphenyl
 Concen: 91.607 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033931.D
 Acq: 23 Apr 2018 21:38

Tgt Ion:172 Resp: 1119432
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.8 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

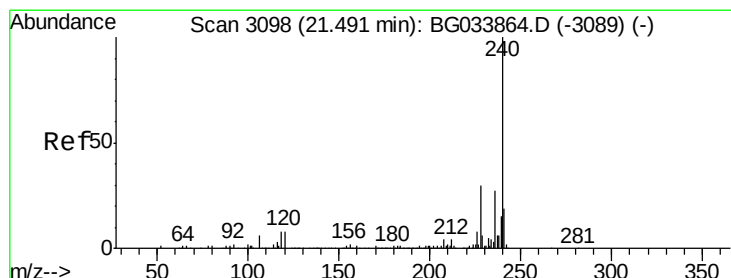
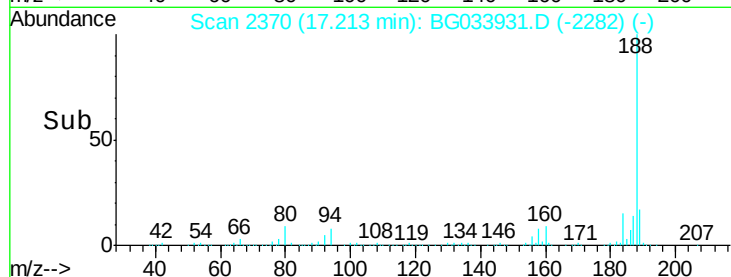
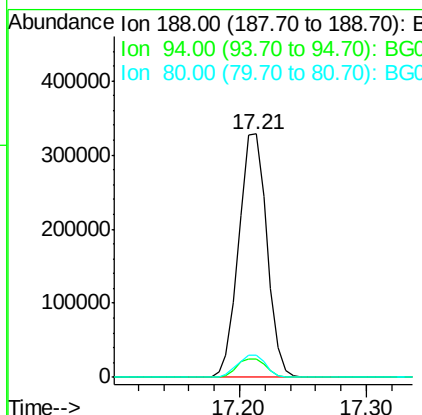
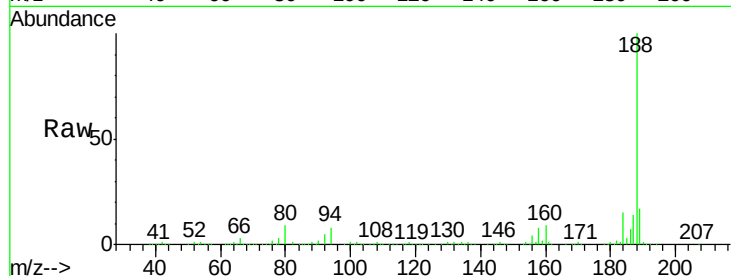




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033931.D
Acq: 23 Apr 2018 21:38

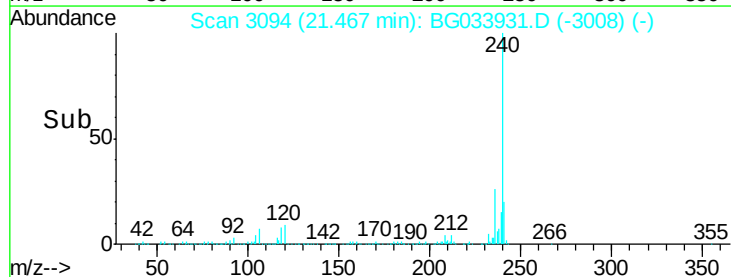
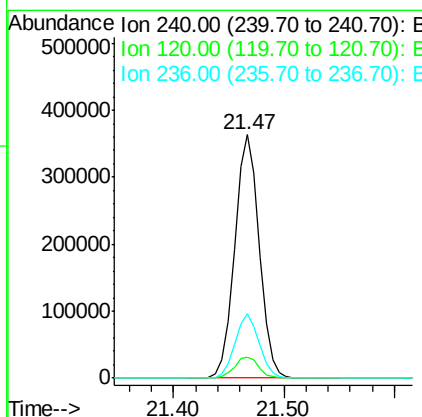
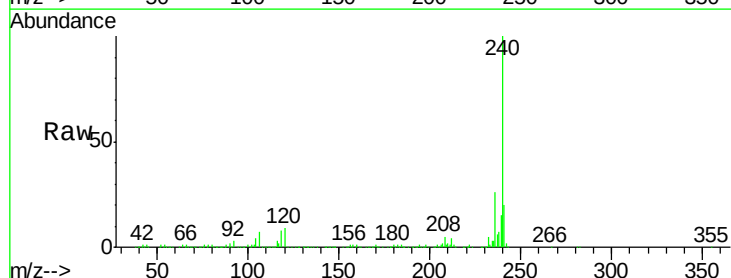
Instrument :
BNA_G
ClientSampleId :
PB108464BL

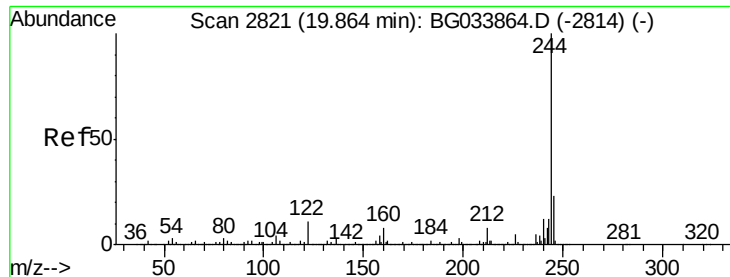
Tot Ion	188	Resp	504730
Ion Ratio	100		
Lower	6.9		
Upper	10.3		
94	7.7		
80	9.2		
7.7			
11.5			



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033931.D
Acq: 23 Apr 2018 21:38

Tgt Ion	240	Resp	564480
Ion Ratio	100		
Lower	6.8		
Upper	10.2		
120	8.5		
236	26.4		
20.9			
31.3			





#78

Terphenyl-d14

Concen: 86.467 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033931.D

Acq: 23 Apr 2018 21:38

Instrument :

BNA_G

ClientSampleId :

PB108464BL

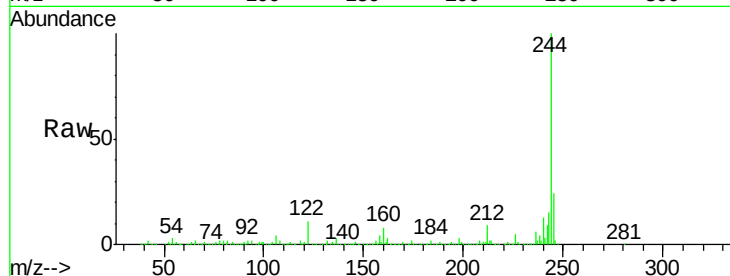
Tot Ion:244 Resp: 2172545

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

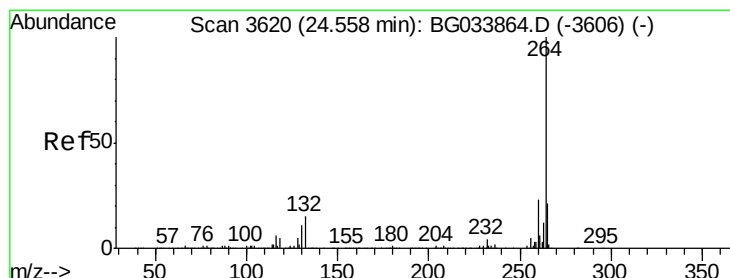
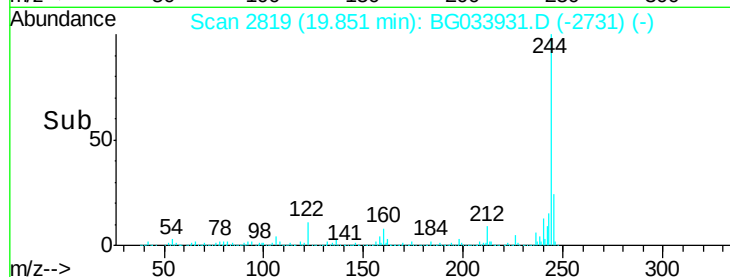
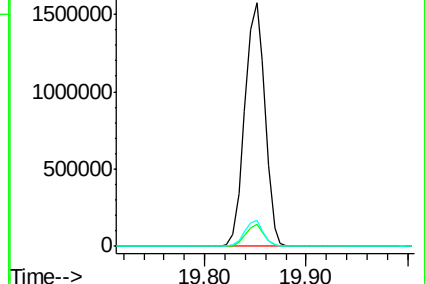
122 10.8 7.0 10.4#



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: BG033931.D

Acq: 23 Apr 2018 21:38

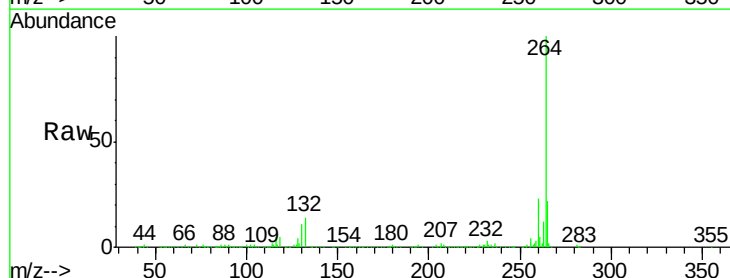
Tgt Ion:264 Resp: 567161

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.9 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

