

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033996.D
 Acq On : 25 Apr 2018 21:02
 Operator : SJ/JU
 Sample : PB108550TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108550TB

Quant Time: Apr 26 06:59:37 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	61658	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	272155	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	190353	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	518468	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	605593	20.00	ng	-0.03
86) Perylene-d12	24.52	264	588944	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	452341	117.13	ng	0.00
7) Phenol-d6	7.00	99	601698	106.82	ng	0.00
23) Nitrobenzene-d5	8.98	82	360640	75.41	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	297392	133.91	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	981124	75.72	ng	-0.02
78) Terphenyl-d14	19.85	244	1905446	70.69	ng	-0.02

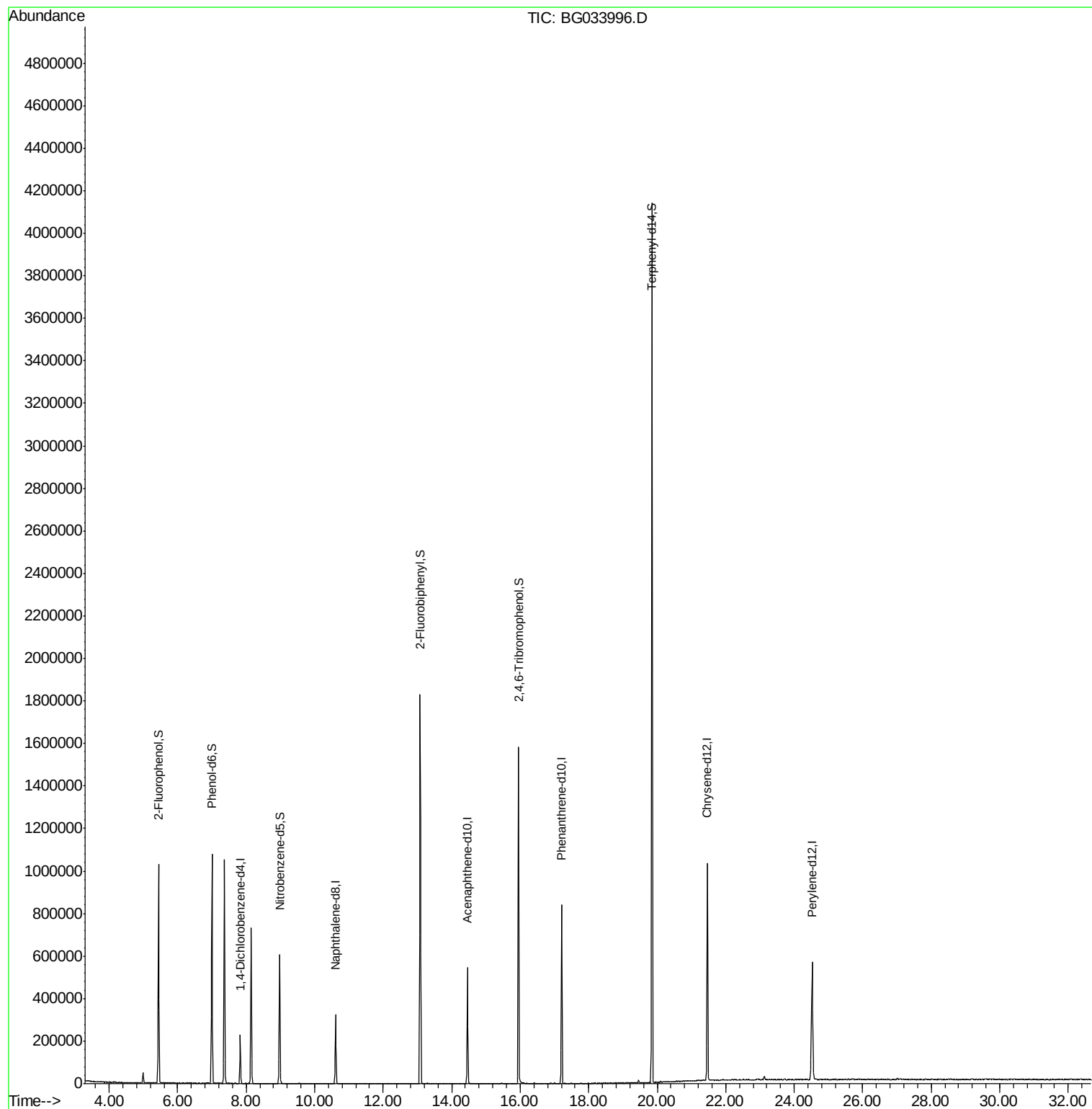
Target Compounds Qvalue

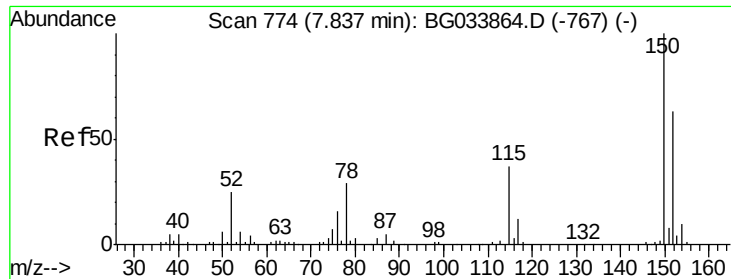
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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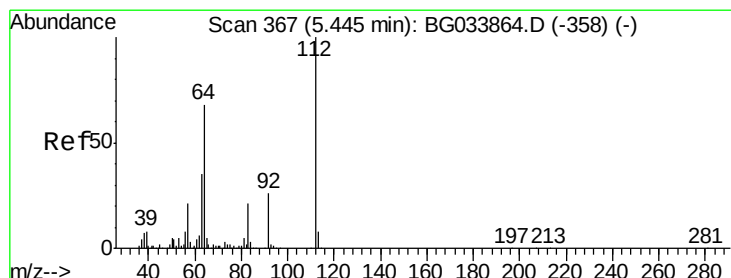
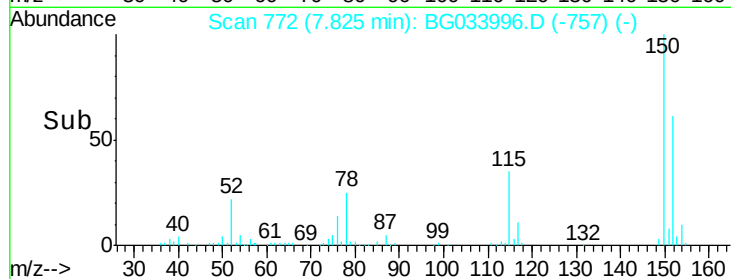
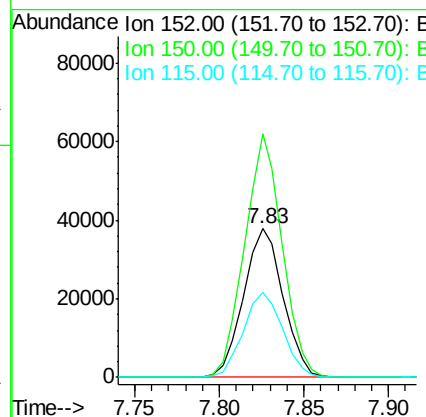
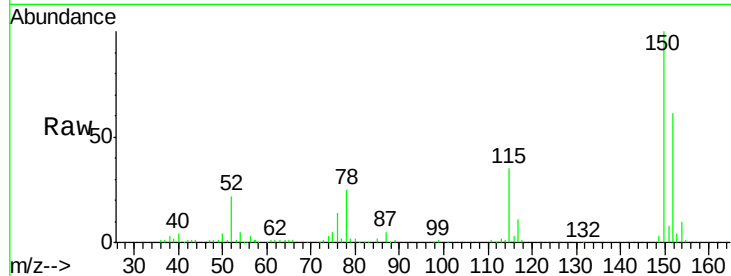


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB108550TB

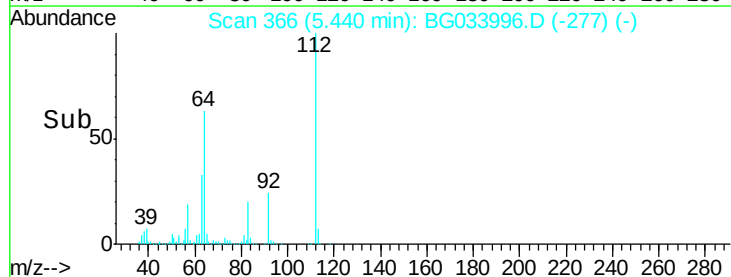
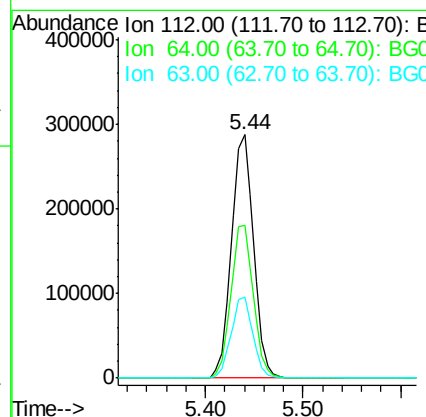
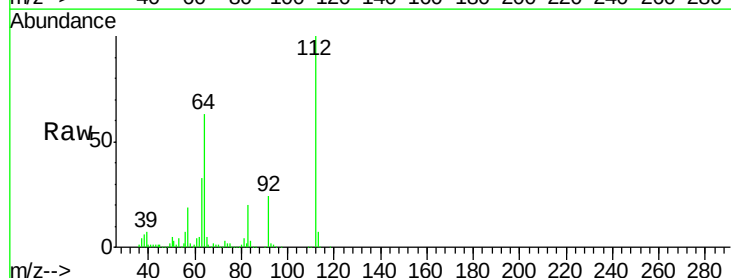
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	126.6	189.8
115	57.5	53.0	79.4

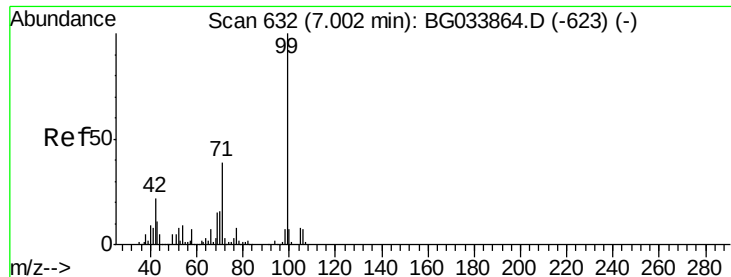


#5

2-Fluorophenol
 Concen: 117.126 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	33.4	30.1	45.1





#7

Phenol-d6

Concen: 106.818 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB108550TB

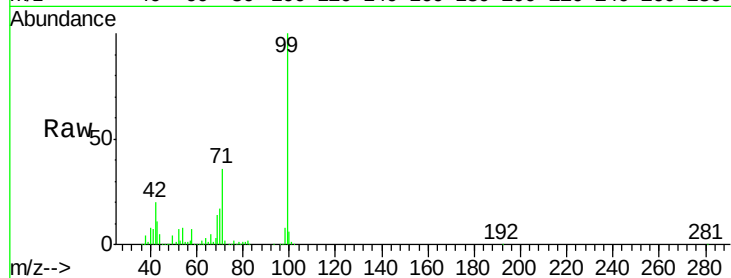
Tot Ion: 99 Resp: 601698

Ion Ratio Lower Upper

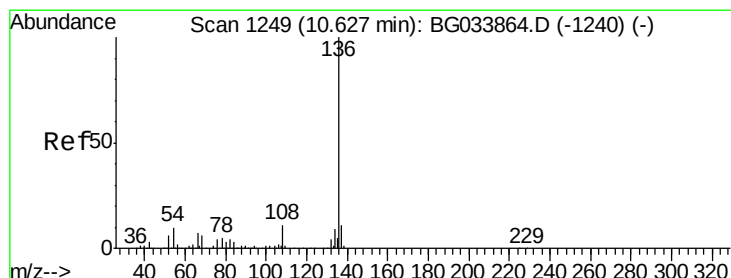
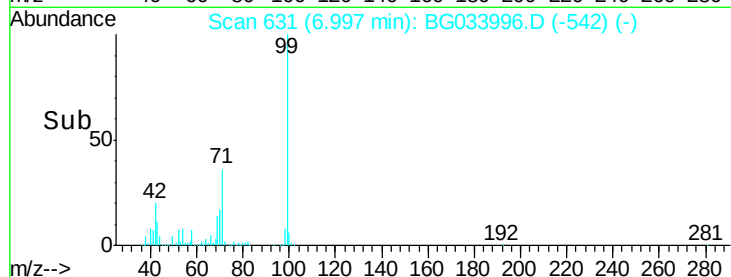
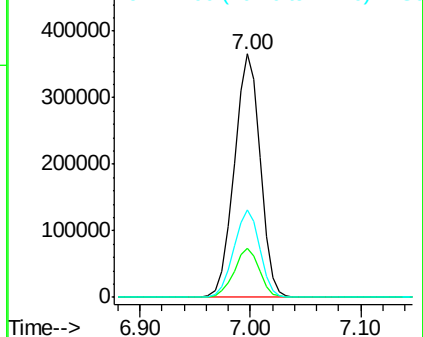
99 100

42 19.9 14.1 21.1

71 35.8 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Tgt Ion: 136 Resp: 272155

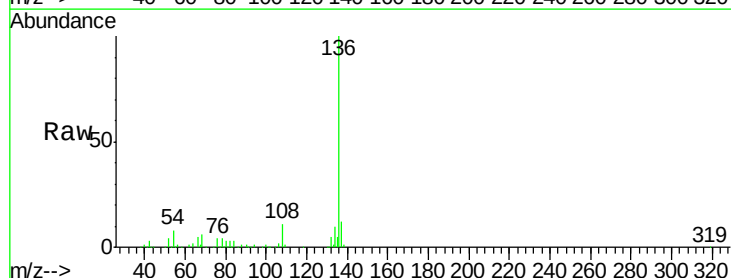
Ion Ratio Lower Upper

136 100

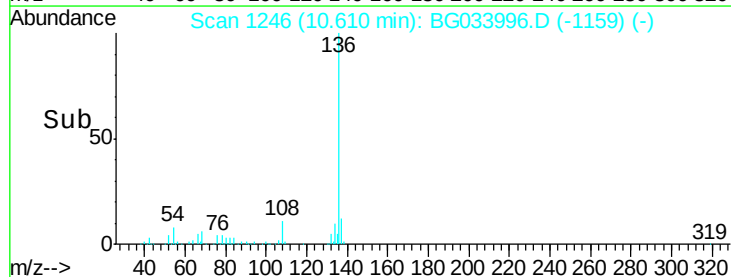
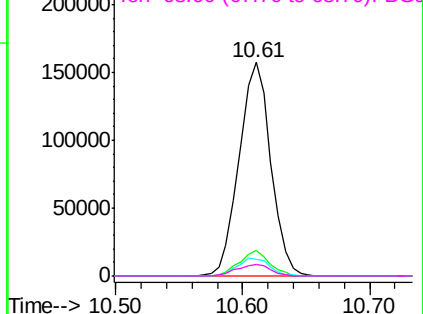
137 11.8 9.2 13.8

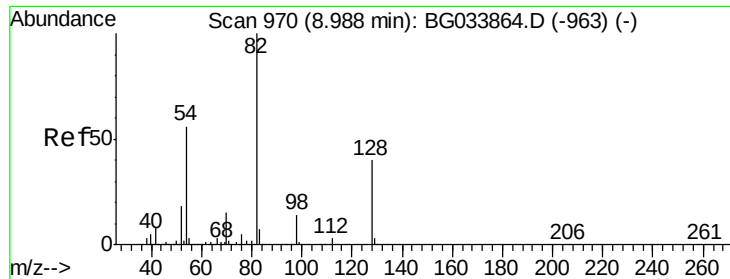
54 8.0 10.3 15.5#

68 5.6 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

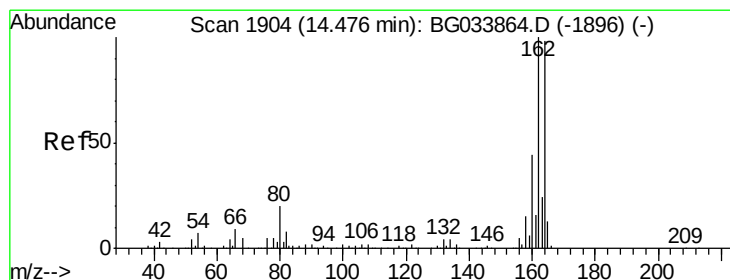
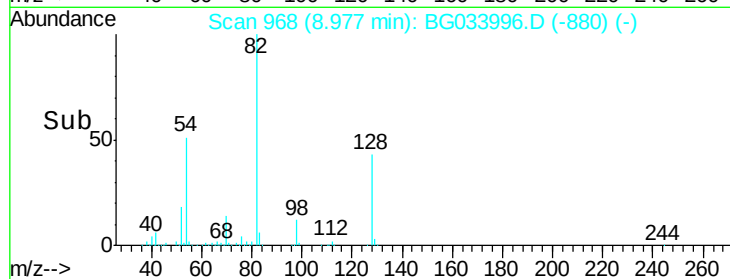
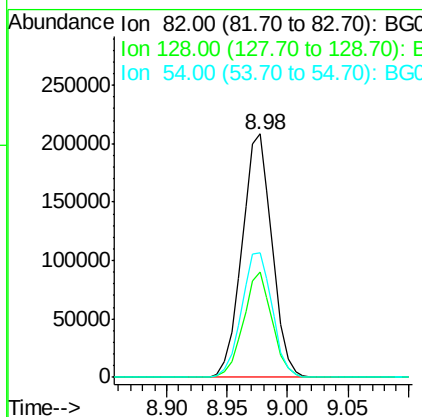
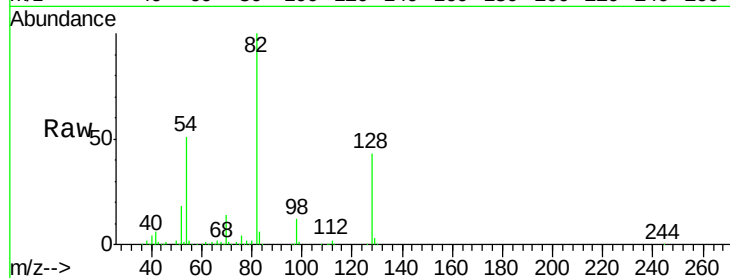




#23
 Nitrobenzene-d5
 Concen: 75.412 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

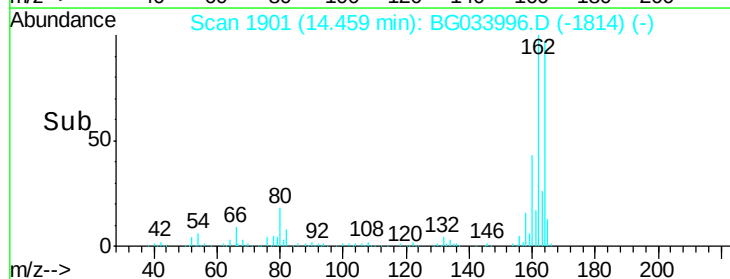
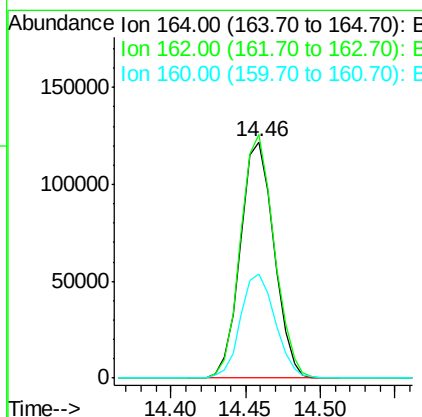
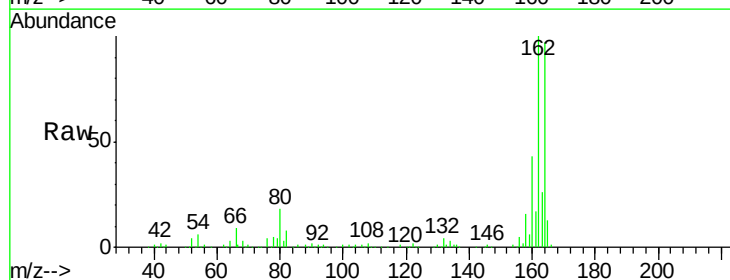
Instrument :
 BNA_G
 ClientSampleId :
 PB108550TB

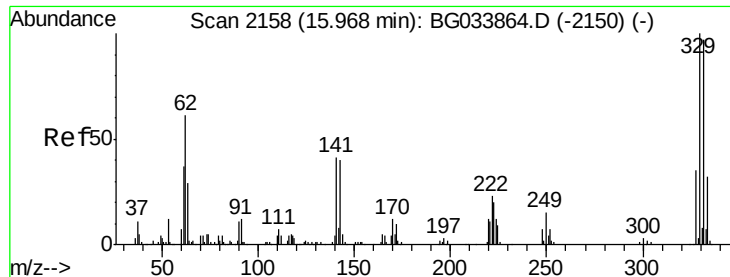
Tot Ion	82	Resp	360640
Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	51.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion	164	Resp	190353
Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.1	35.4	53.0

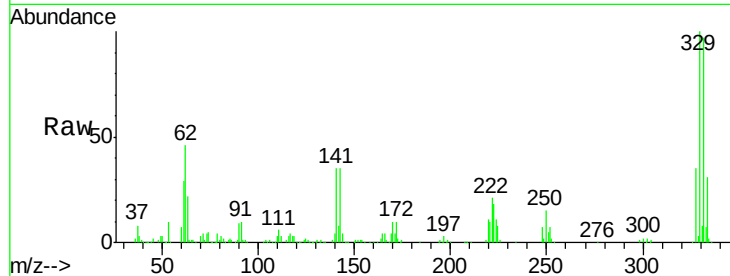




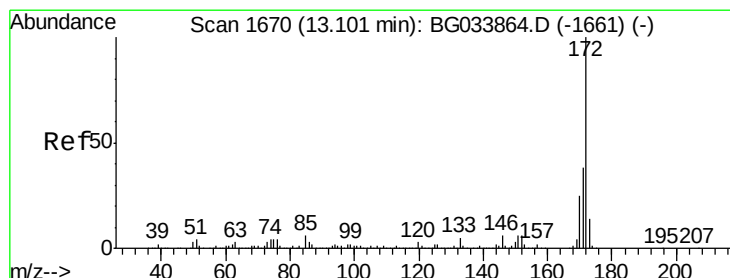
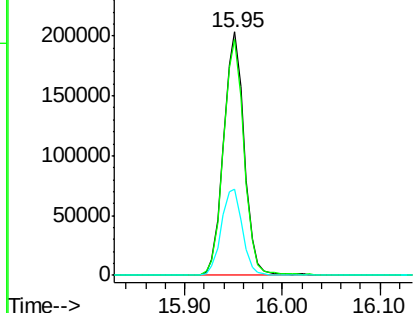
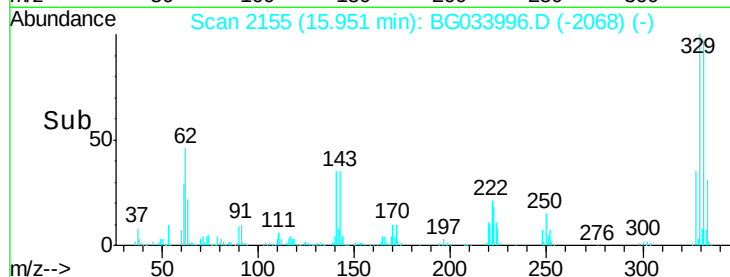
#41
 2,4,6-Tribromophenol
 Concen: 133.914 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB108550TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.3	25.2	37.8

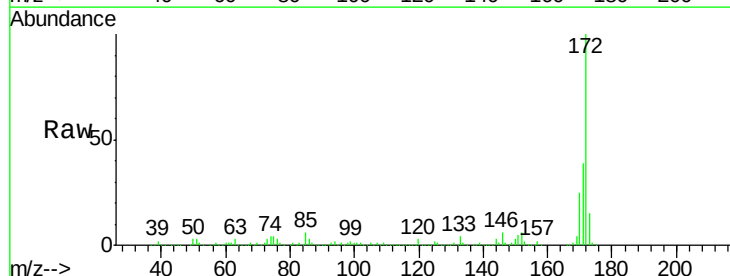


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

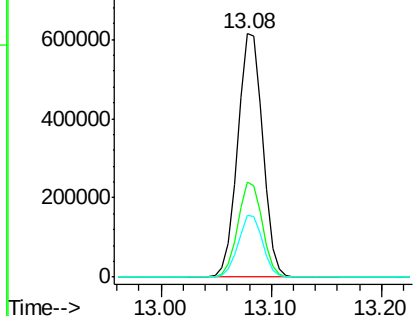
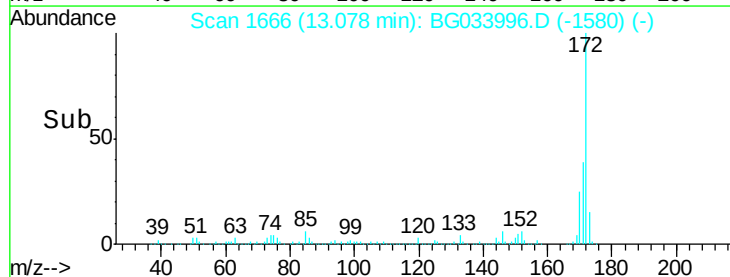


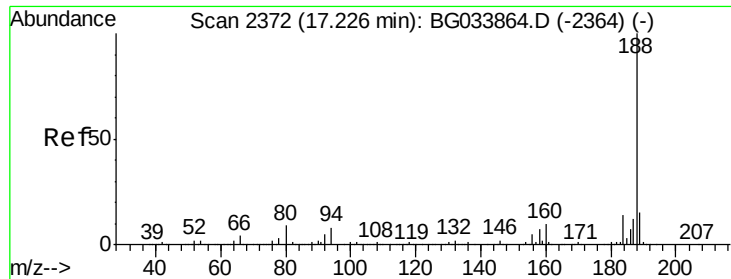
#44
 2-Fluorobiphenyl
 Concen: 75.717 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033996.D
 Acq: 25 Apr 2018 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.4	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

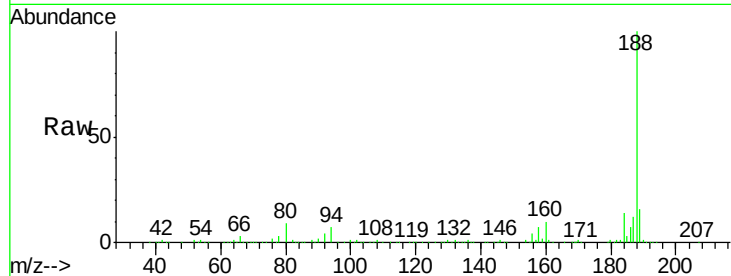




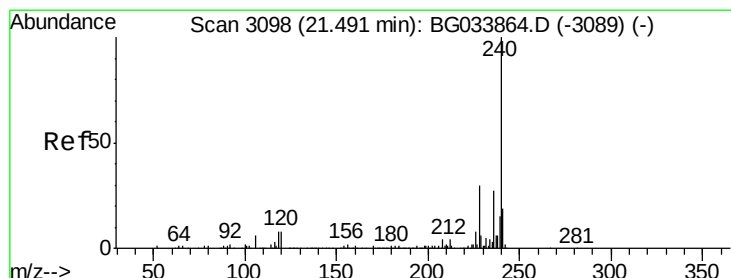
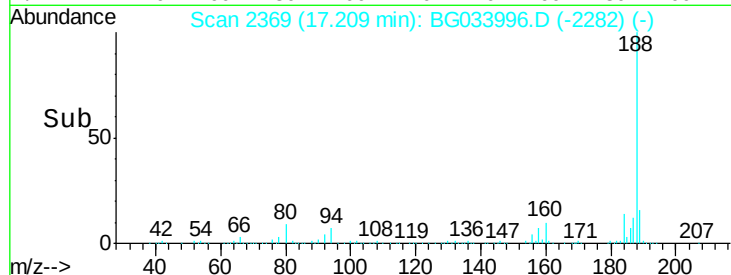
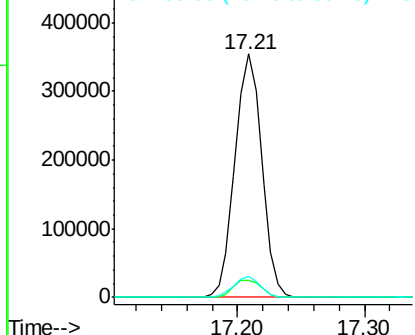
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB108550TB

Tot Ion:188 Resp: 518468
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.8 7.7 11.5

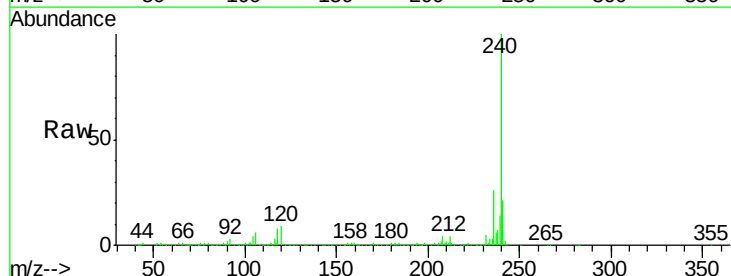


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

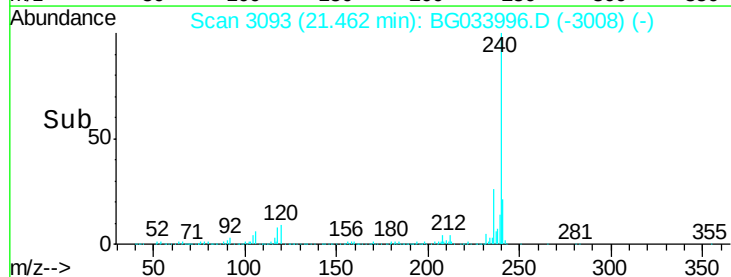
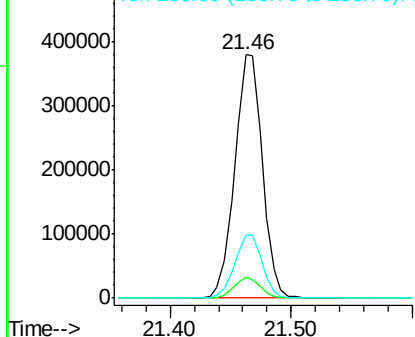


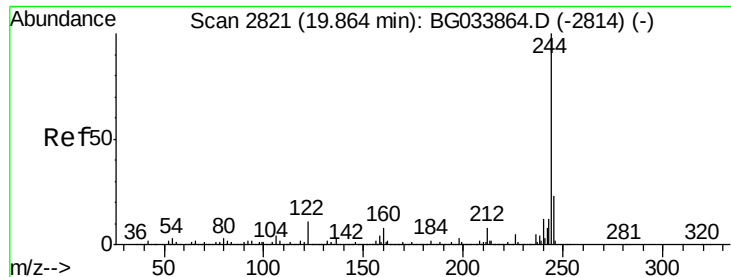
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033996.D
Acq: 25 Apr 2018 21:02

Tgt Ion:240 Resp: 605593
Ion Ratio Lower Upper
240 100
120 8.5 6.8 10.2
236 26.1 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





#78

Terphenyl-d14

Concen: 70.688 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB108550TB

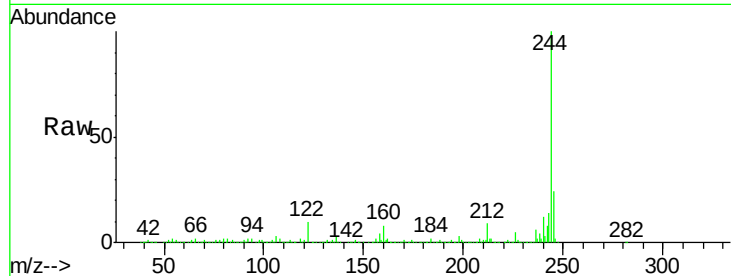
Tot Ion:244 Resp: 1905446

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

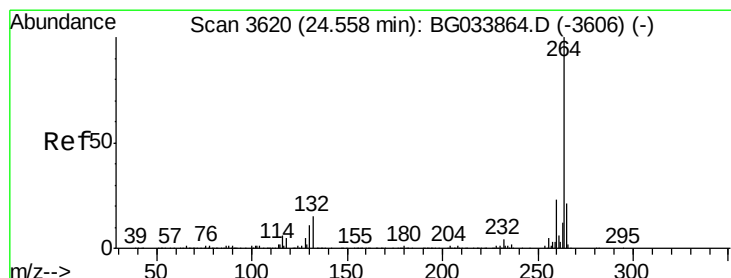
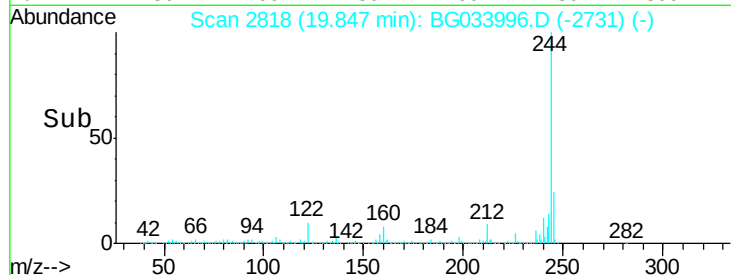
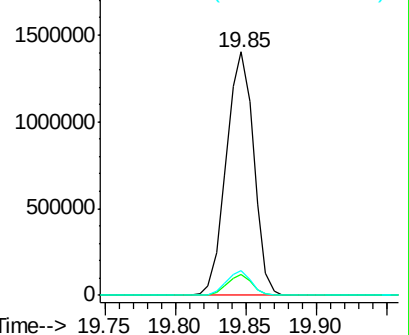
122 9.9 7.0 10.4



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. -0.03 min

Lab File: BG033996.D

Acq: 25 Apr 2018 21:02

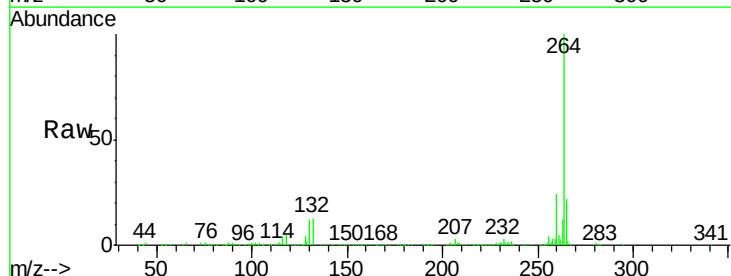
Tgt Ion:264 Resp: 588944

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.0 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

