

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033995.D
 Acq On : 25 Apr 2018 20:24
 Operator : SJ/JU
 Sample : PB108550BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108550BL

Quant Time: Apr 26 06:56:06 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	59344	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	271256	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	188755	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	512158	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	597950	20.00	ng	-0.02
86) Perylene-d12	24.52	264	577382	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	556360	149.68	ng	0.00
7) Phenol-d6	7.00	99	749642	138.27	ng	0.00
23) Nitrobenzene-d5	8.98	82	458729	96.24	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	383255	174.04	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1229727	95.71	ng	-0.02
78) Terphenyl-d14	19.84	244	2310659	86.82	ng	-0.02

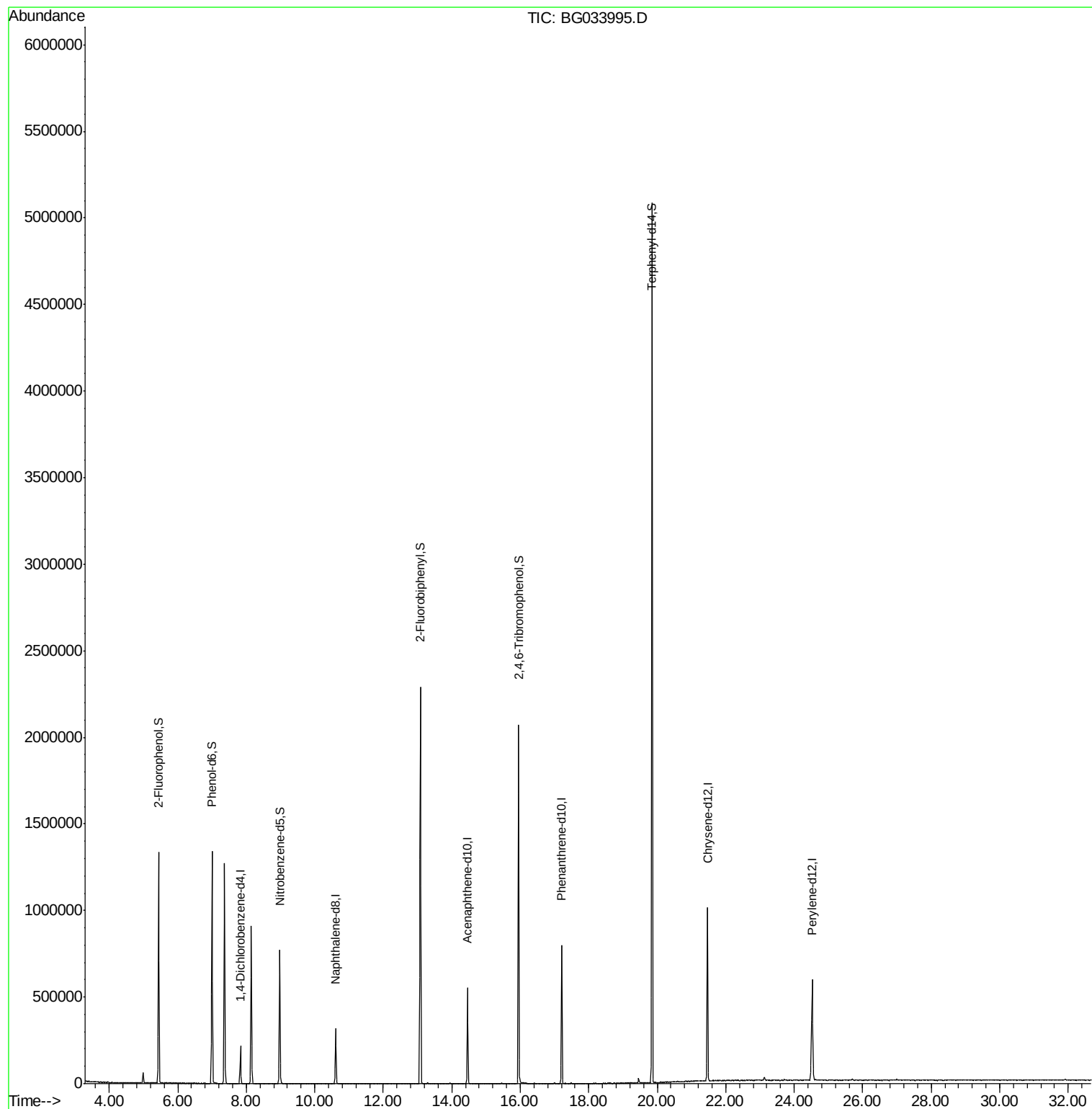
Target Compounds Qvalue

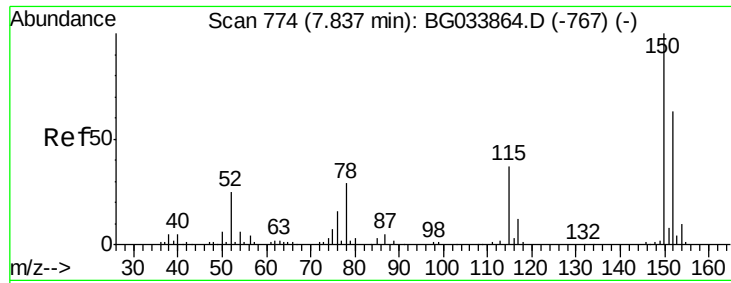
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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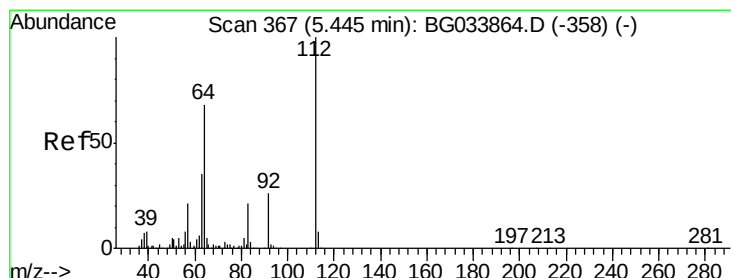
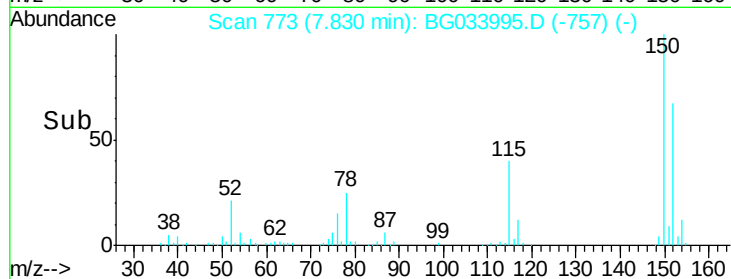
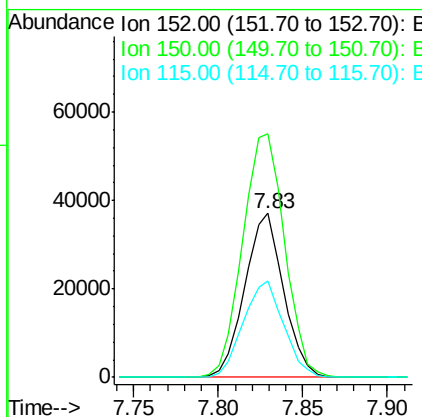
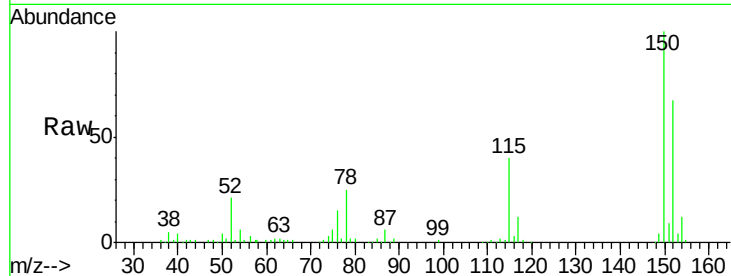


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Instrument :
BNA_G
ClientSampleId :
PB108550BL

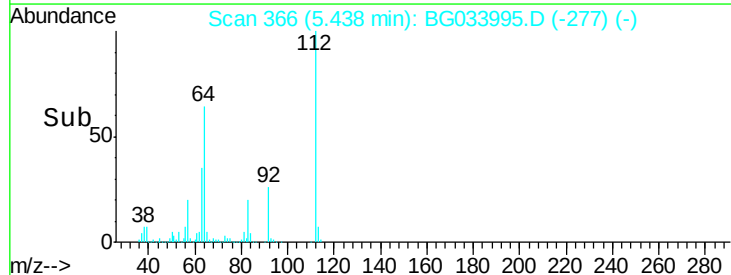
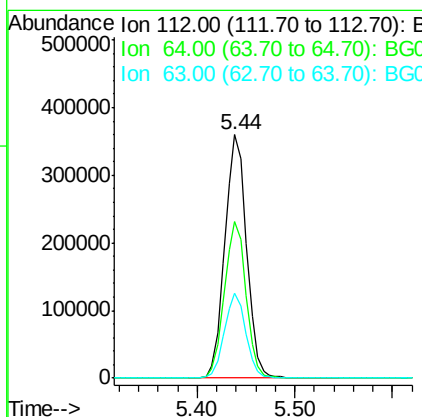
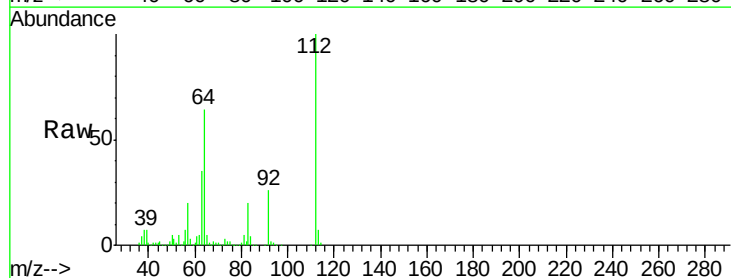
Tot Ion:152 Resp: 59344
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 58.8 53.0 79.4

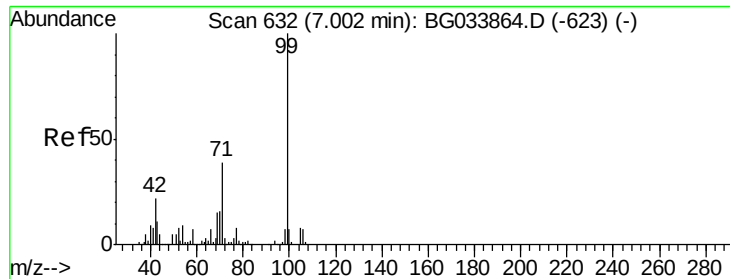


#5

2-Fluorophenol
Concen: 149.678 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Tgt Ion:112 Resp: 556360
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 35.0 30.1 45.1





#7

Phenol-d6

Concen: 138.271 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

PB108550BL

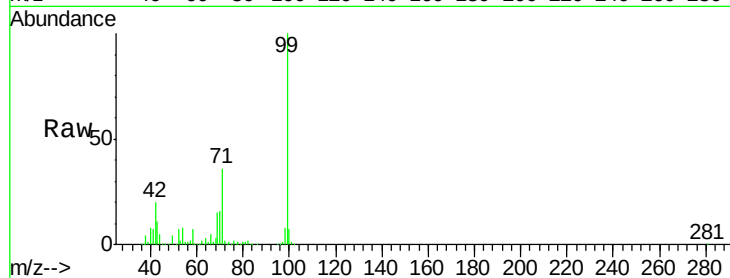
Tot Ion: 99 Resp: 749642

Ion Ratio Lower Upper

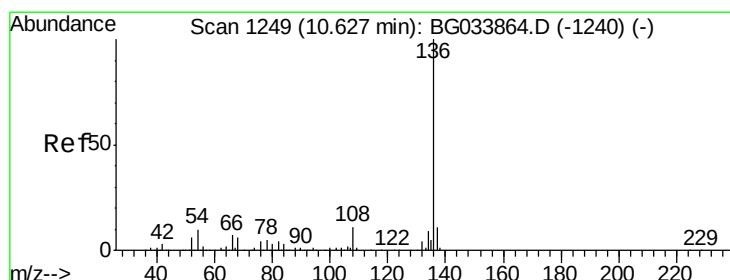
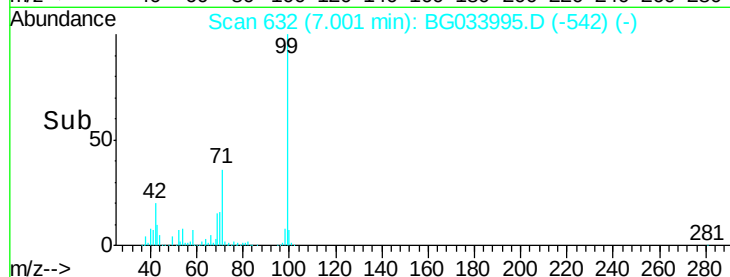
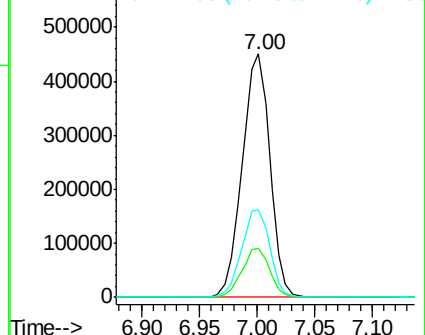
99 100

42 20.1 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: BG033995.D

Acq: 25 Apr 2018 20:24

Tgt Ion: 136 Resp: 271256

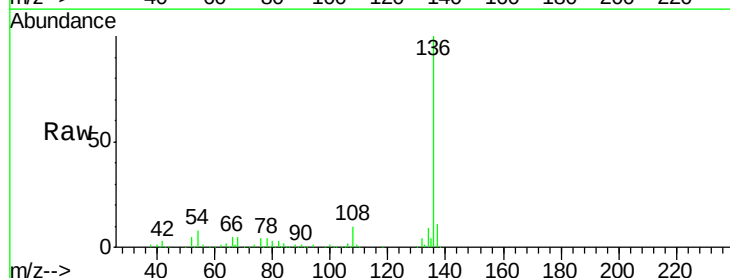
Ion Ratio Lower Upper

136 100

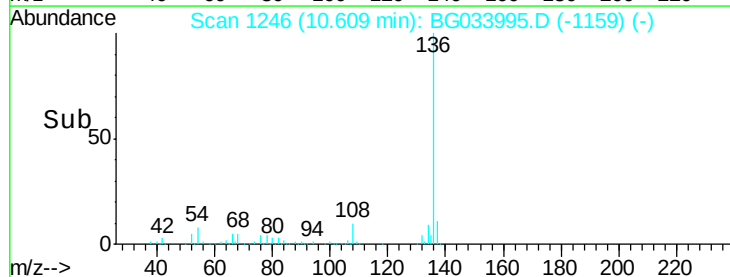
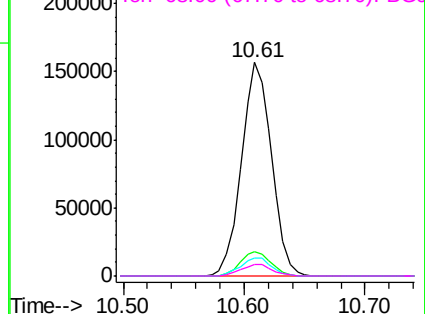
137 11.3 9.2 13.8

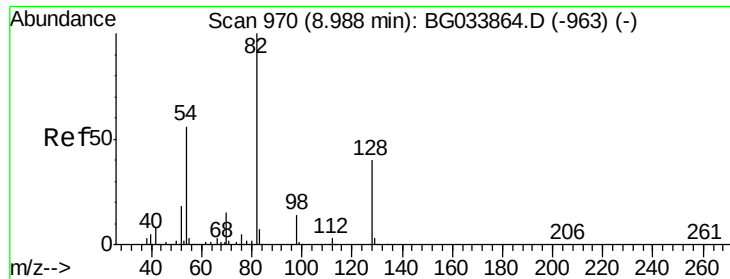
54 8.5 10.3 15.5#

68 5.4 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: 96.242 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

PB108550BL

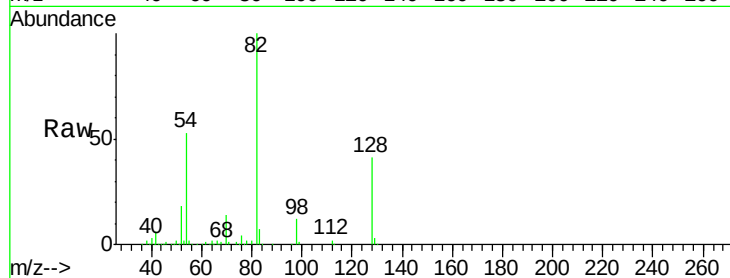
Tot Ion: 82 Resp: 458729

Ion Ratio Lower Upper

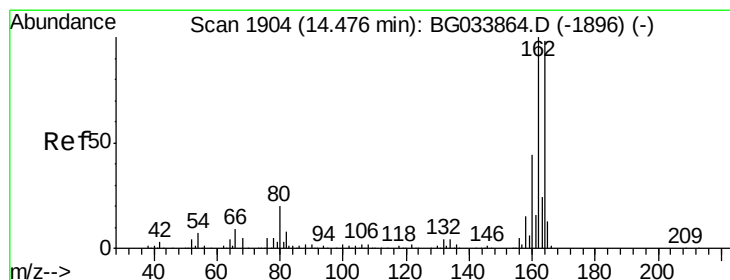
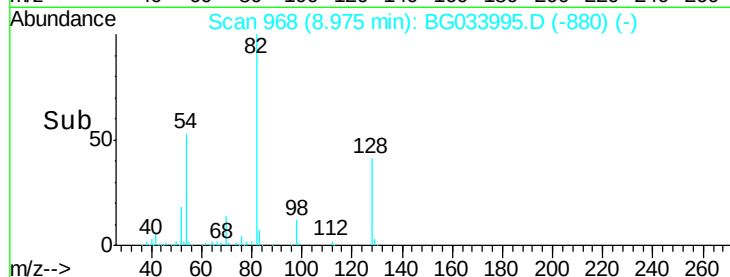
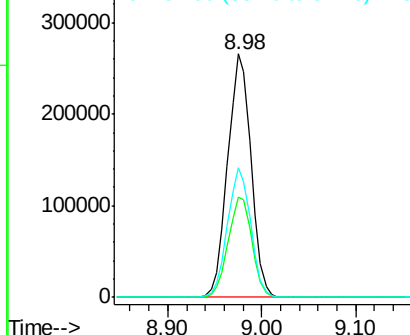
82 100

128 41.1 29.7 44.5

54 53.0 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: BG033995.D

Acq: 25 Apr 2018 20:24

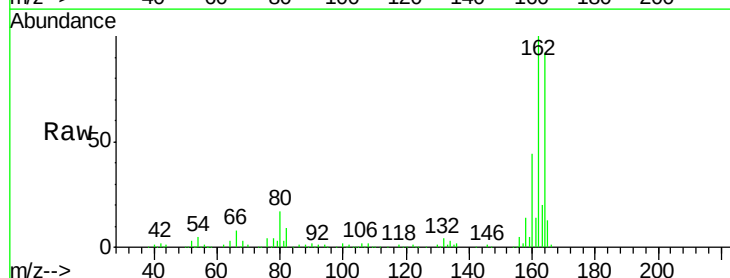
Tgt Ion:164 Resp: 188755

Ion Ratio Lower Upper

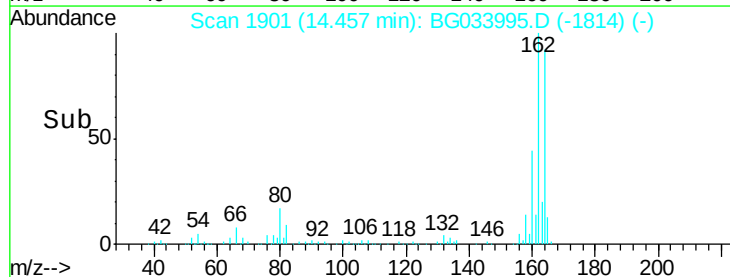
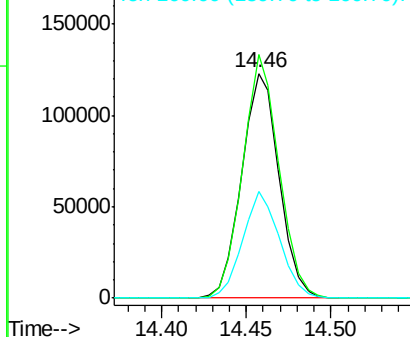
164 100

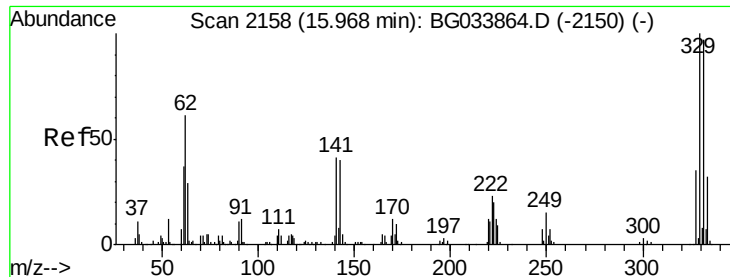
162 108.3 78.8 118.2

160 47.2 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

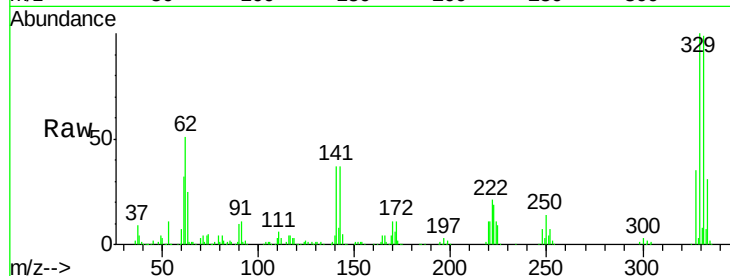




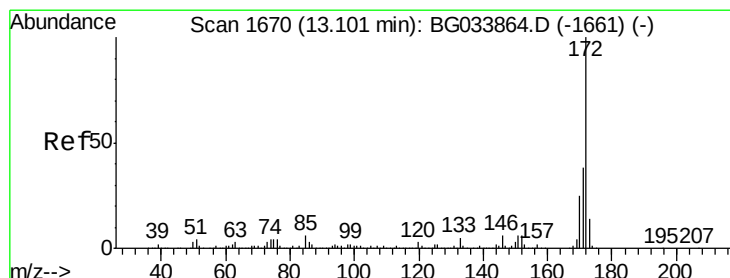
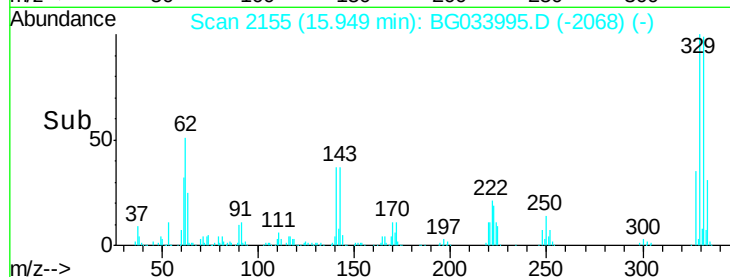
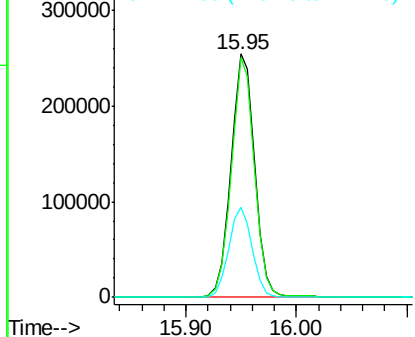
#41
 2,4,6-Tribromophenol
 Concen: 174.038 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :
 PB108550BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.8	25.2	37.8

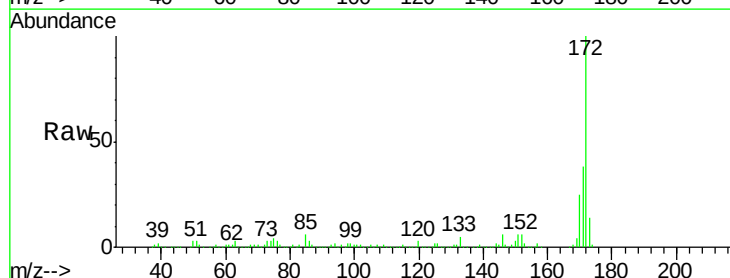


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

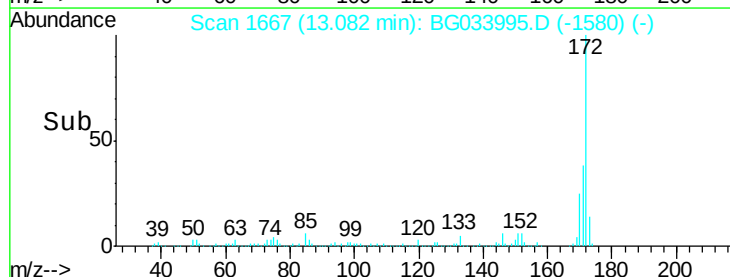
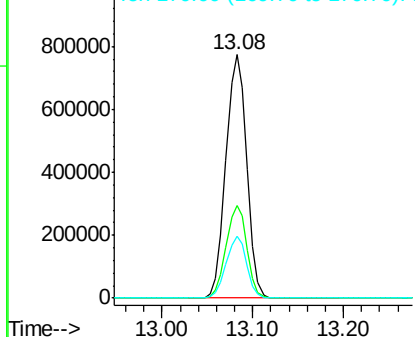


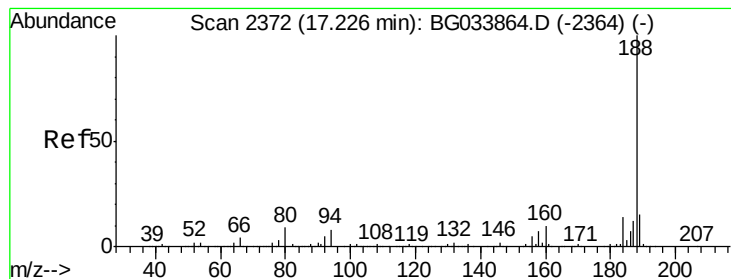
#44
 2-Fluorobiphenyl
 Concen: 95.706 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	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: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

PB108550BL

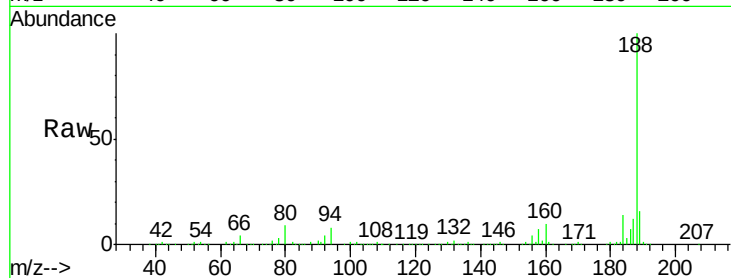
Tot Ion:188 Resp: 512158

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

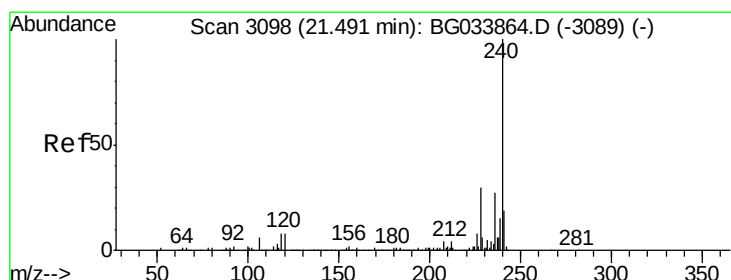
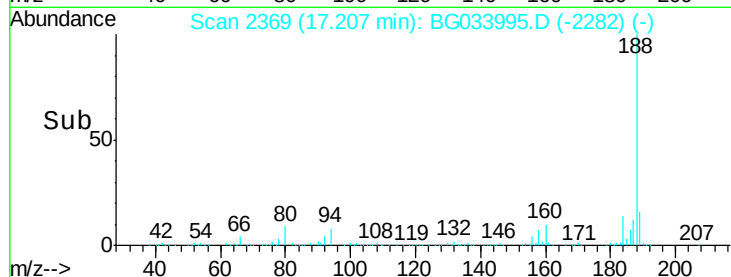
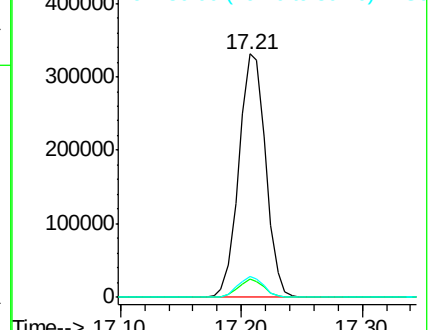
80 8.8 7.7 11.5



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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

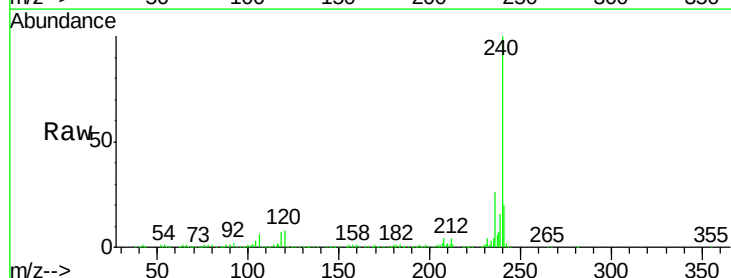
Tgt Ion:240 Resp: 597950

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

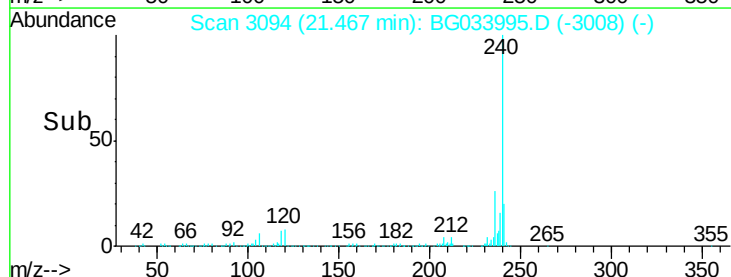
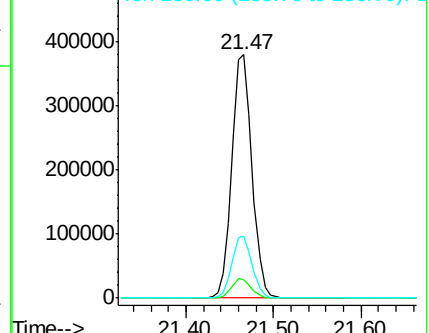
236 25.5 20.9 31.3

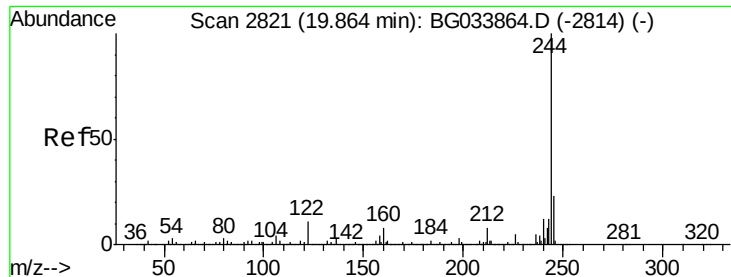


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.816 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

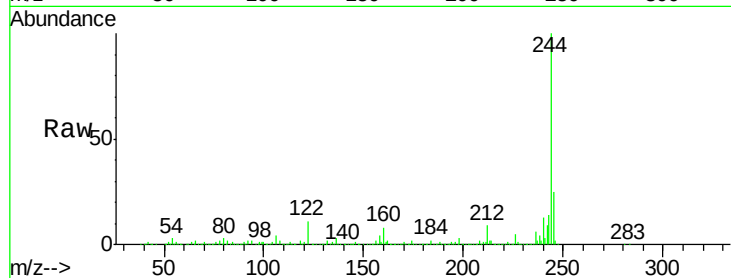
BNA_G

ClientSampleId :

PB108550BL

Tot Ion:244 Resp: 2310659

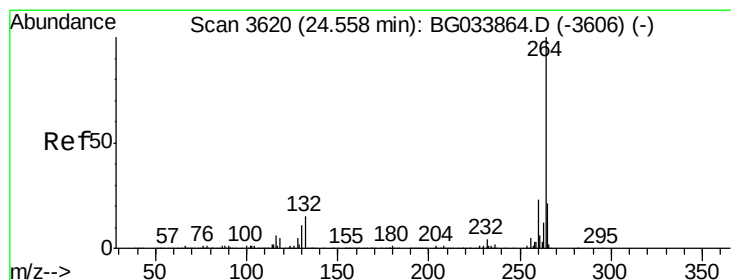
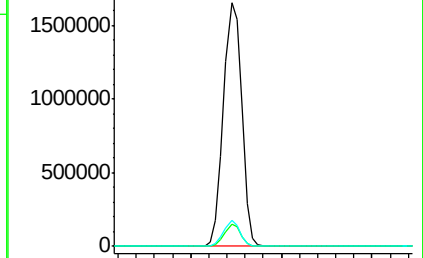
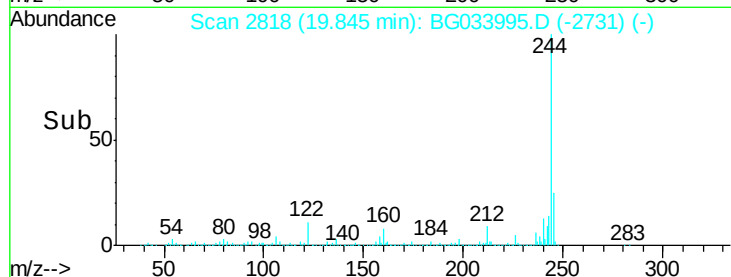
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	10.7	7.0	10.4#



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: 24.52 min Scan# 3614

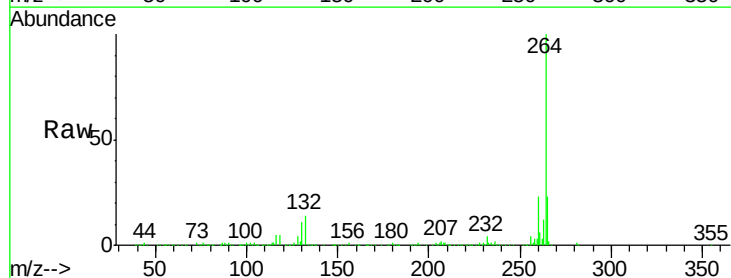
Delta R.T. -0.04 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Tgt Ion:264 Resp: 577382

Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

