

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034000.D
 Acq On : 25 Apr 2018 23:34
 Operator : SJ/JU
 Sample : PB108579BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BL

Quant Time: Apr 26 07:07:16 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	58484	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	277559	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	192813	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	524559	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	594260	20.00	ng	-0.03
86) Perylene-d12	24.52	264	581489	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	517836	141.36	ng	0.00
7) Phenol-d6	7.00	99	698920	130.81	ng	0.00
23) Nitrobenzene-d5	8.97	82	421558	86.43	ng	-0.02
41) 2,4,6-Tribromophenol	15.95	330	349607	155.42	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1142733	87.06	ng	-0.02
78) Terphenyl-d14	19.85	244	2174273	82.20	ng	-0.02

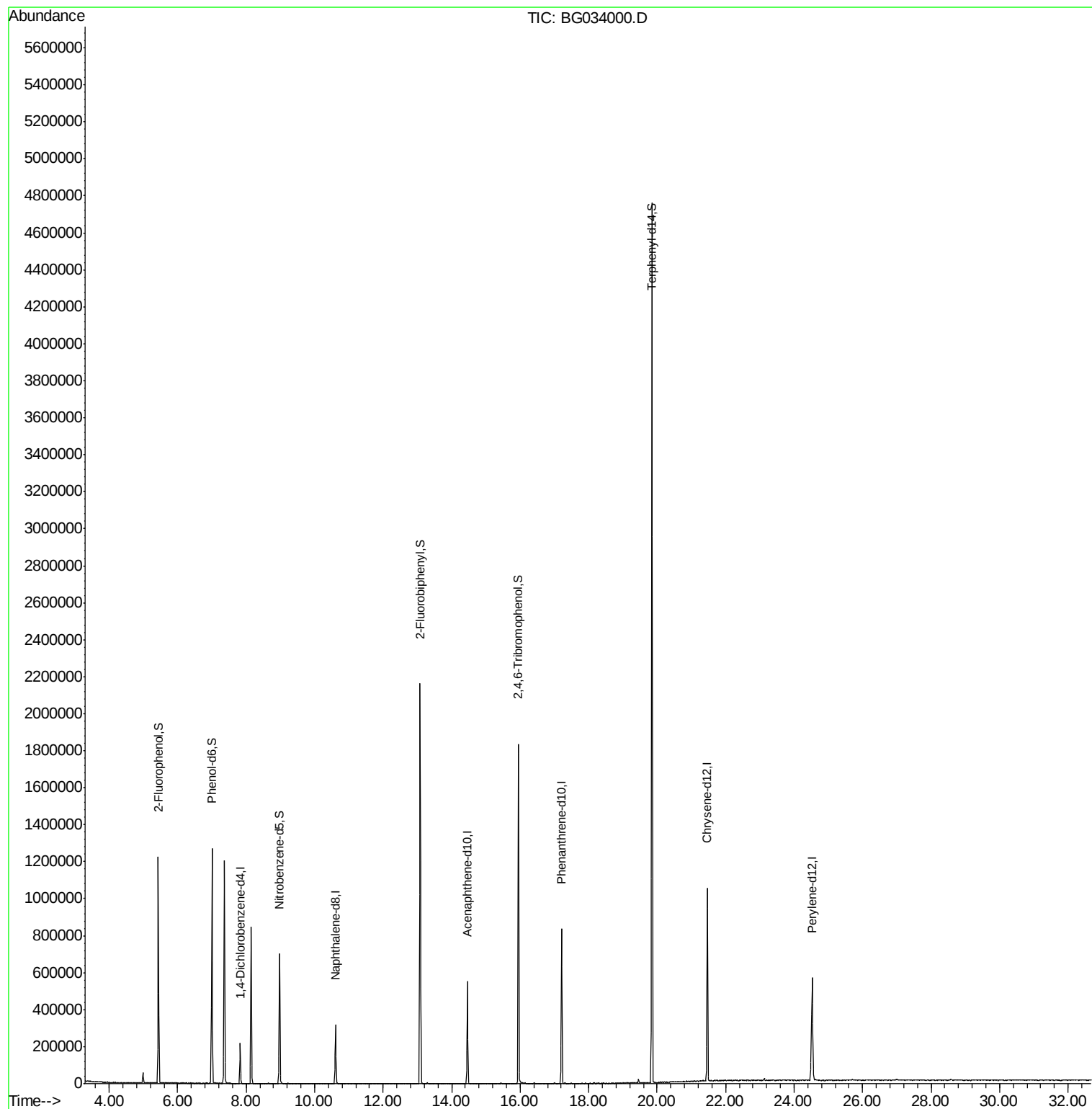
Target Compounds Qvalue

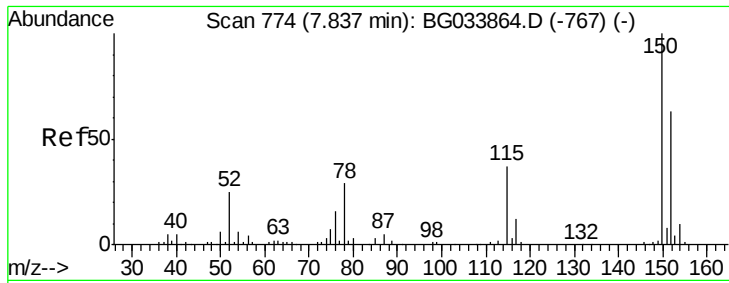
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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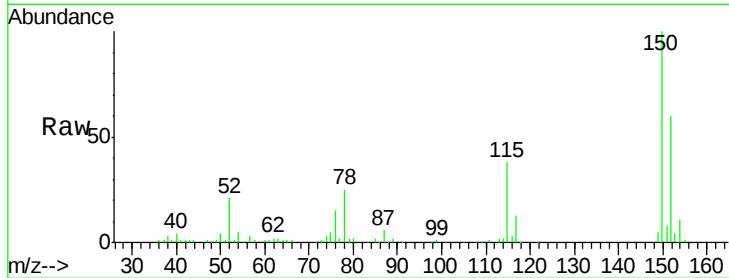


#1

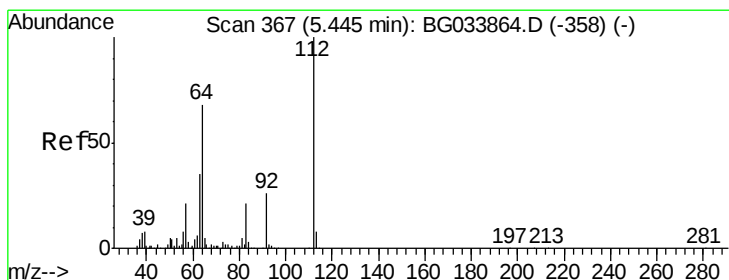
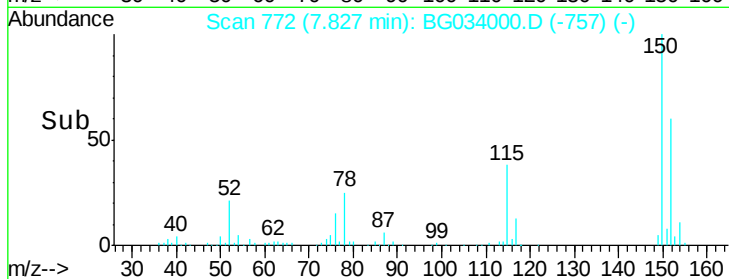
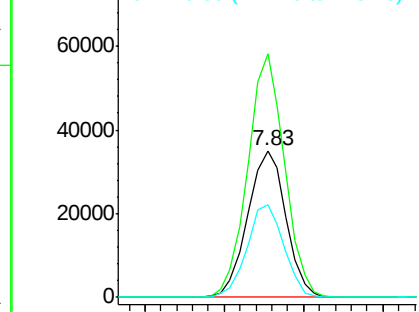
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034000.D
Acq: 25 Apr 2018 23:34

Instrument :
BNA_G
ClientSampleId :
PB108579BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	126.6	189.8
115	62.8	53.0	79.4



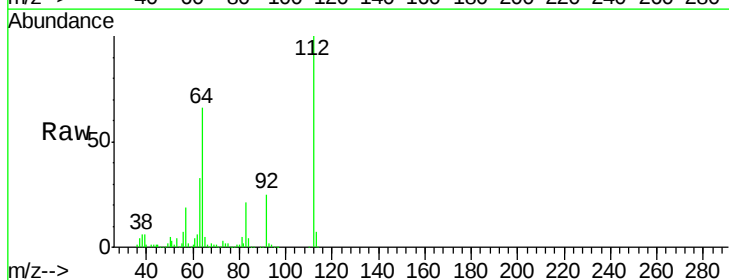
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



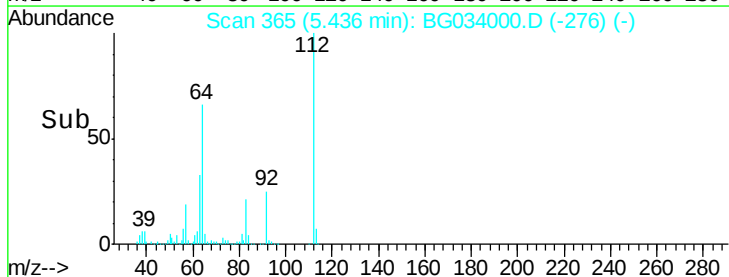
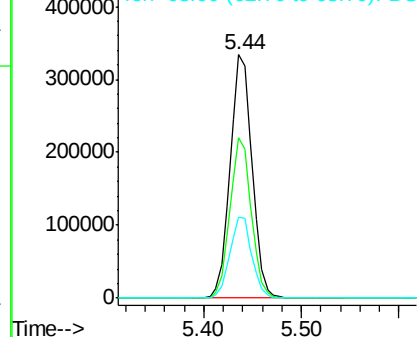
#5

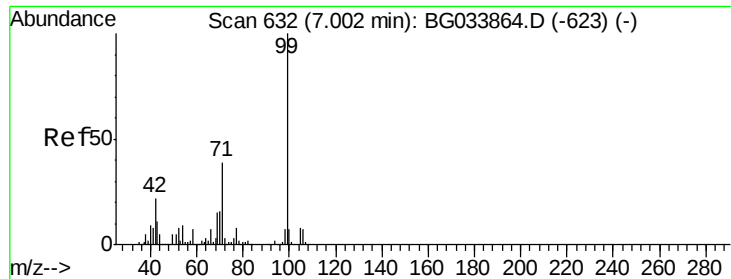
2-Fluorophenol
Concen: 141.362 ng
RT: 5.44 min Scan# 365
Delta R.T. -0.01 min
Lab File: BG034000.D
Acq: 25 Apr 2018 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.811 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG034000.D

Acq: 25 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

PB108579BL

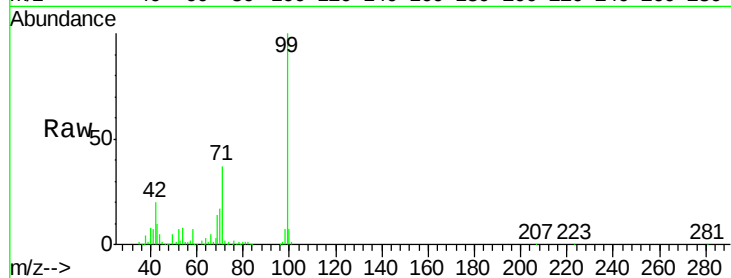
Tot Ion: 99 Resp: 698920

Ion Ratio Lower Upper

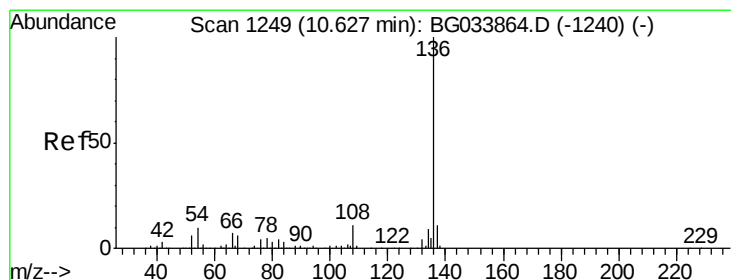
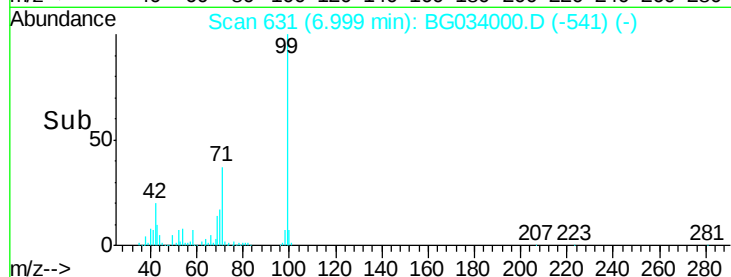
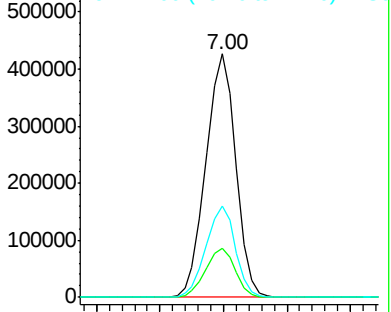
99 100

42 20.0 14.1 21.1

71 37.3 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# 1245

Delta R.T. -0.02 min

Lab File: BG034000.D

Acq: 25 Apr 2018 23:34

Tgt Ion: 136 Resp: 277559

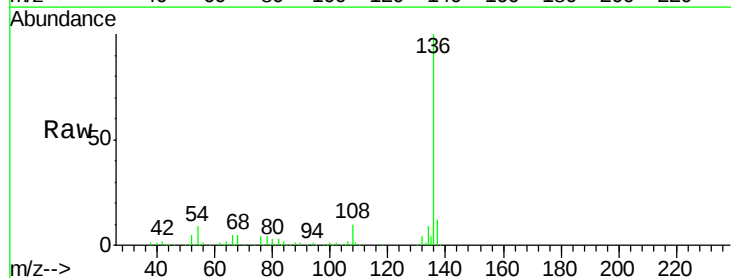
Ion Ratio Lower Upper

136 100

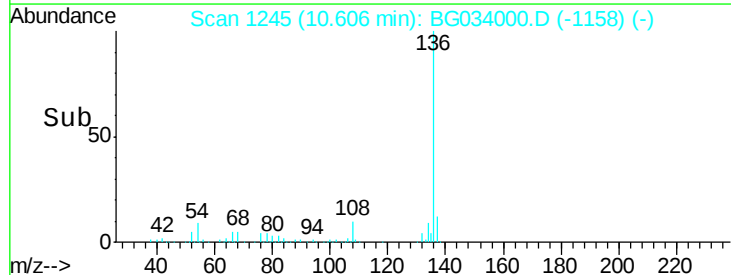
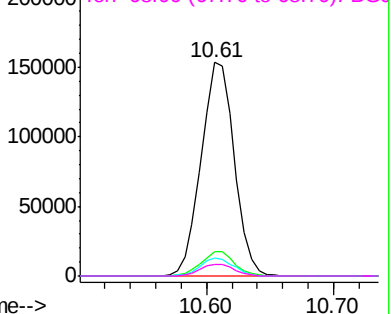
137 11.6 9.2 13.8

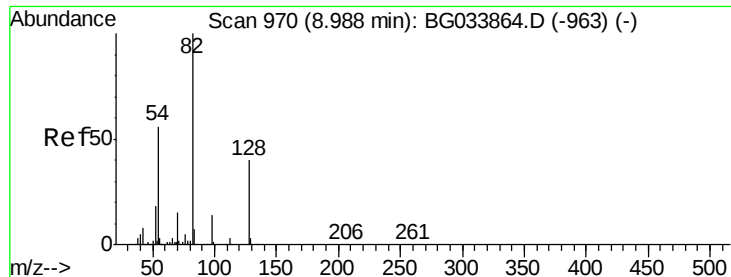
54 9.2 10.3 15.5#

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

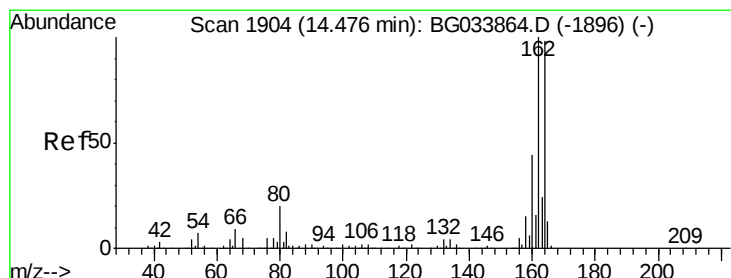
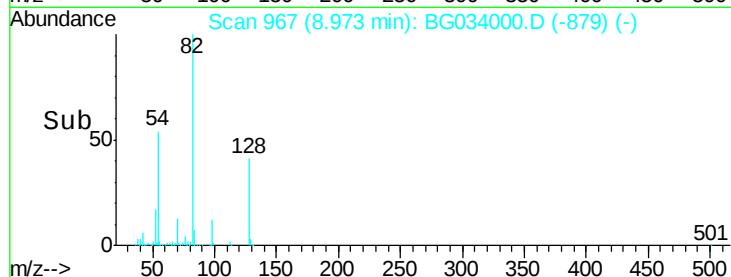
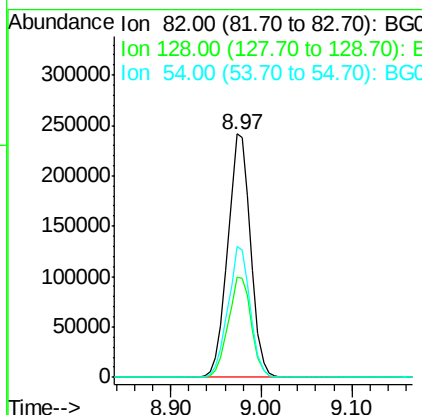
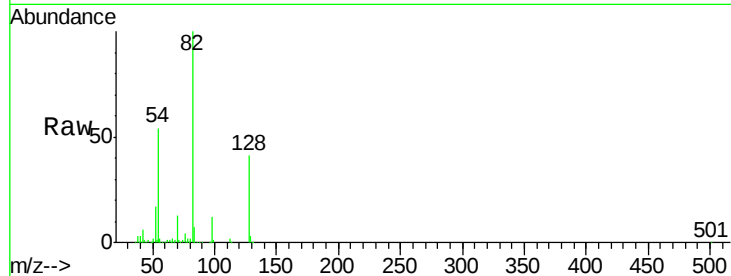




#23
 Nitrobenzene-d5
 Concen: 86.435 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034000.D
 Acq: 25 Apr 2018 23:34

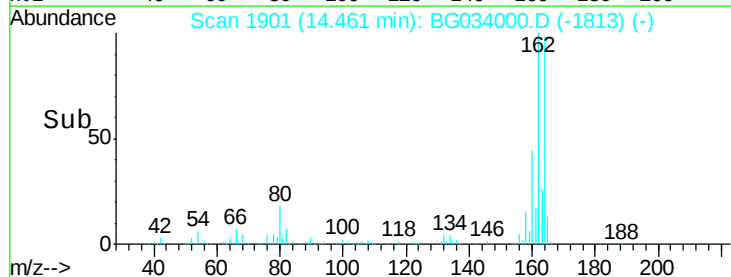
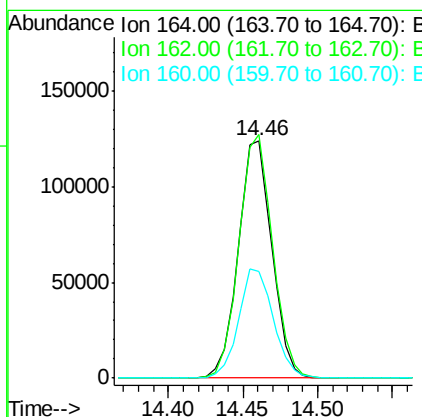
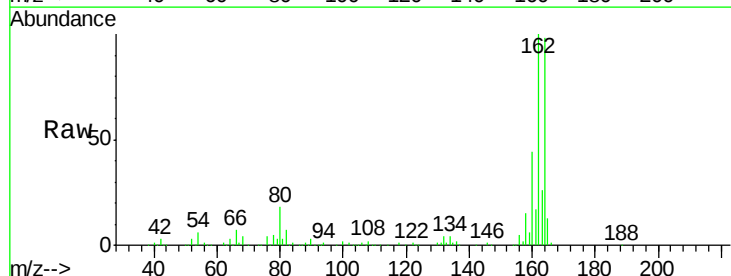
Instrument :
 BNA_G
 ClientSampleId :
 PB108579BL

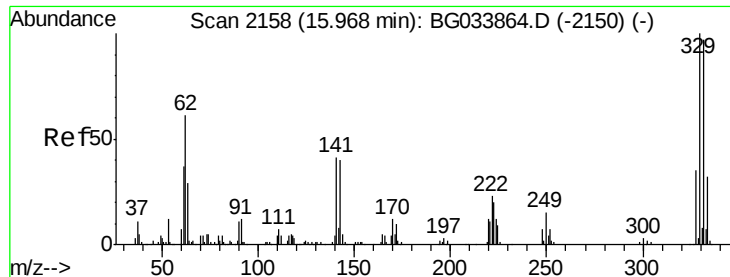
Tot Ion	82	Resp	421558
Ion Ratio	Lower	Upper	
82	100		
128	41.4	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG034000.D
 Acq: 25 Apr 2018 23:34

Tgt Ion	164	Resp	192813
Ion Ratio	Lower	Upper	
164	100		
162	102.5	78.8	118.2
160	45.0	35.4	53.0

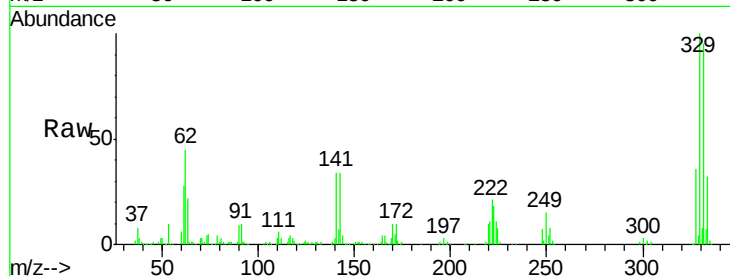




#41
 2,4,6-Tribromophenol
 Concen: 155.417 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034000.D
 Acq: 25 Apr 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 PB108579BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	36.0	25.2	37.8

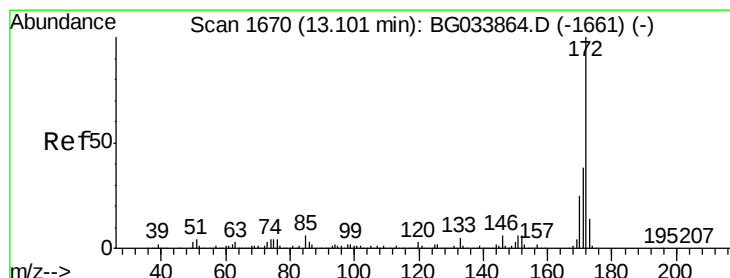
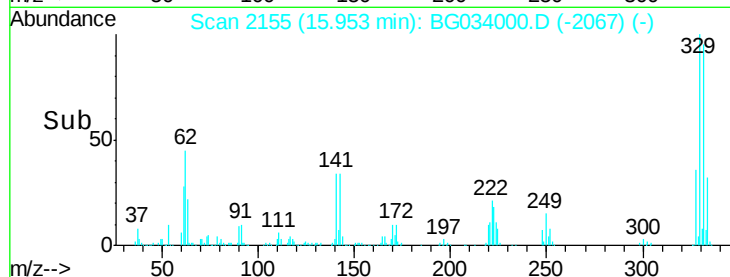
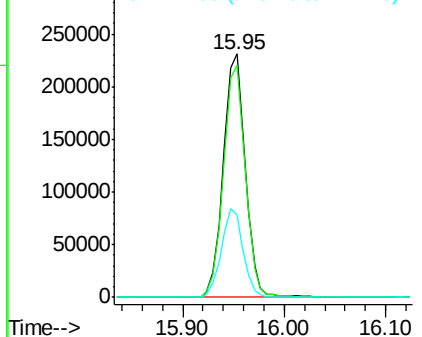


Abundance

Ion 329.80 (329.50 to 330.50): E

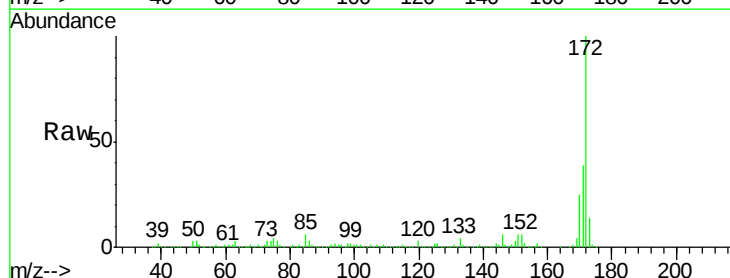
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.064 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG034000.D
 Acq: 25 Apr 2018 23:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.0	19.5	29.3

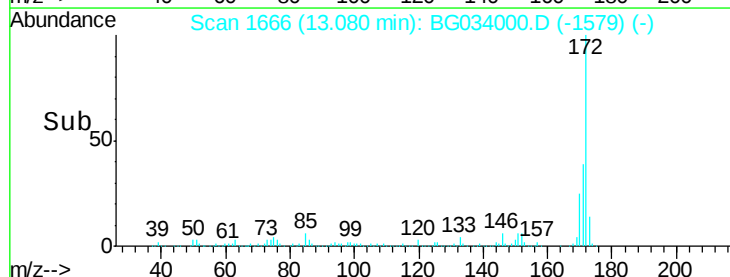
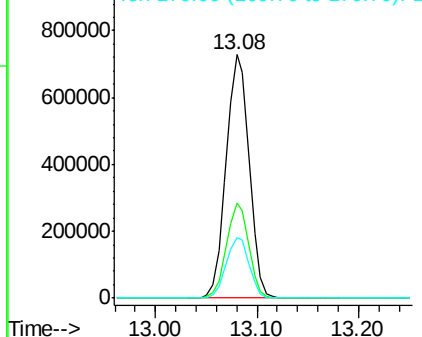


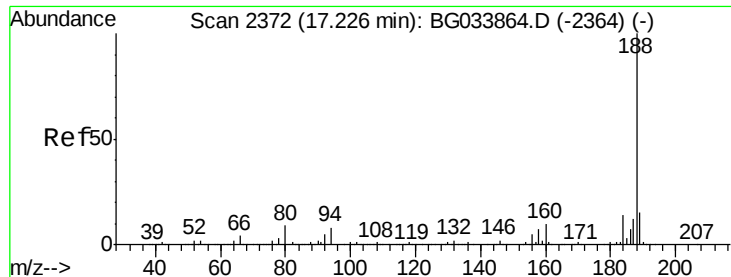
Abundance

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

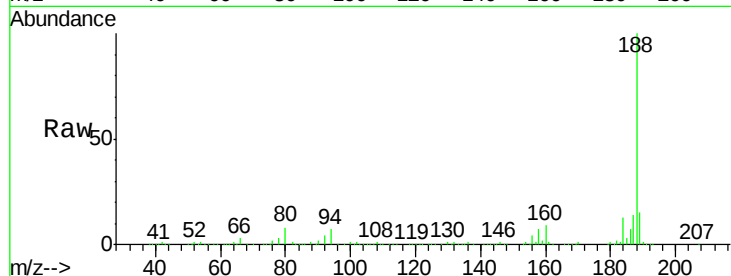




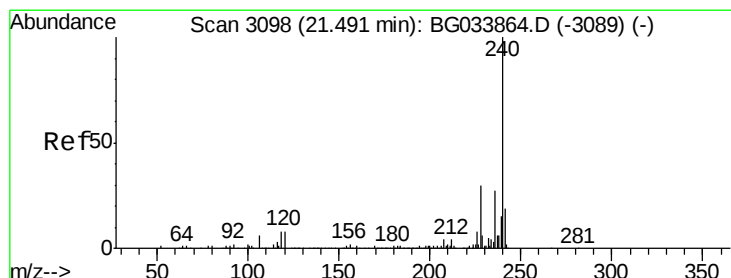
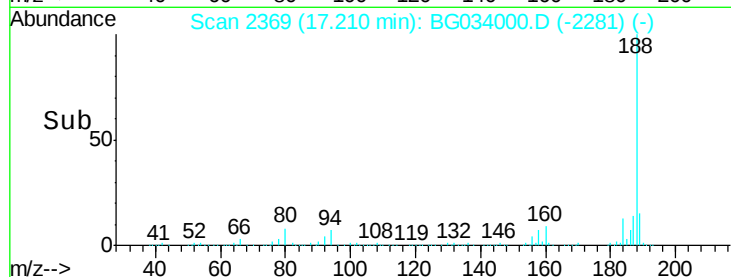
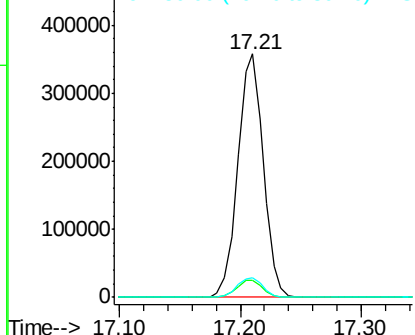
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG034000.D
Acq: 25 Apr 2018 23:34

Instrument :
BNA_G
ClientSampleId :
PB108579BL

Tot Ion:188 Resp: 524559
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.1 7.7 11.5

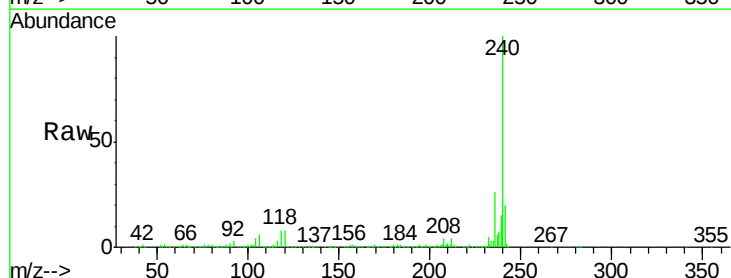


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

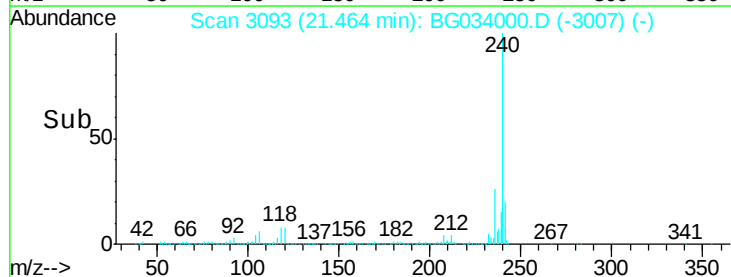
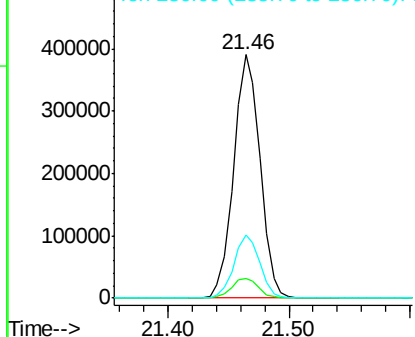


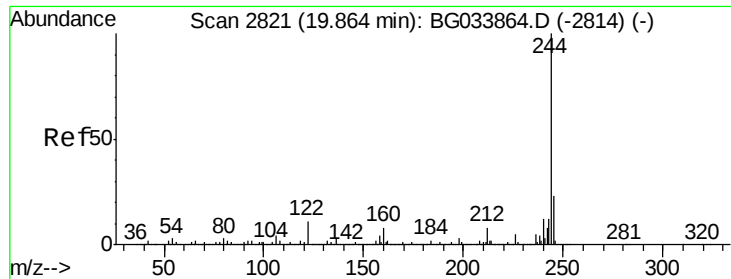
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG034000.D
Acq: 25 Apr 2018 23:34

Tgt Ion:240 Resp: 594260
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.9 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: 82.199 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034000.D

Acq: 25 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

PB108579BL

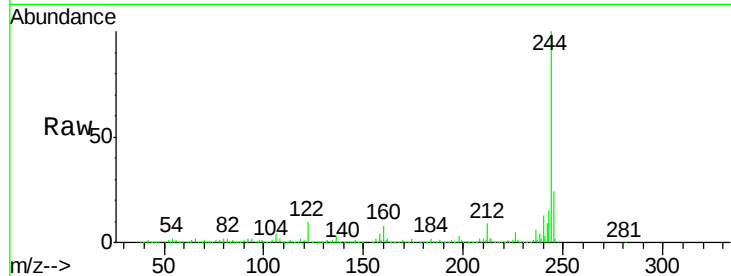
Tot Ion:244 Resp: 2174273

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

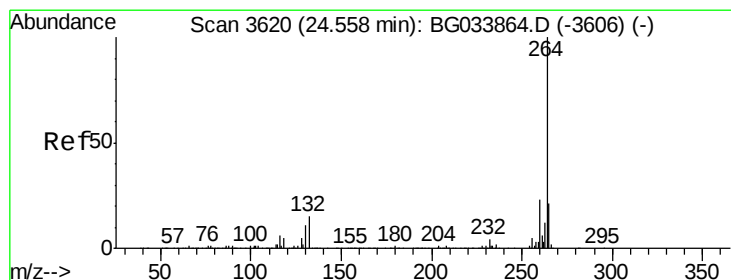
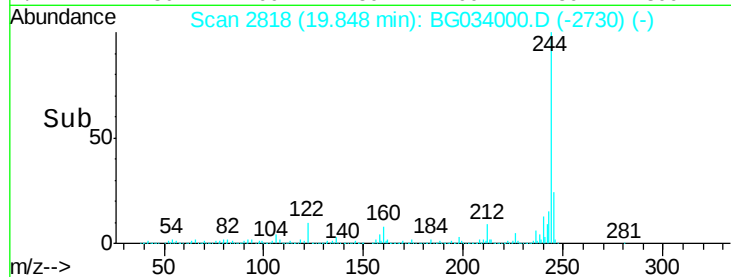
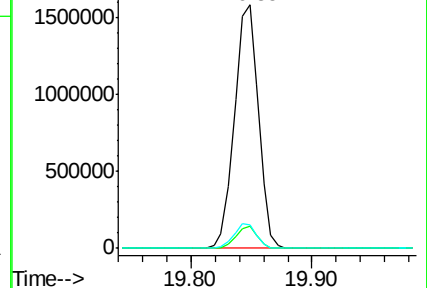
122 9.8 7.0 10.4



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# 3613

Delta R.T. -0.04 min

Lab File: BG034000.D

Acq: 25 Apr 2018 23:34

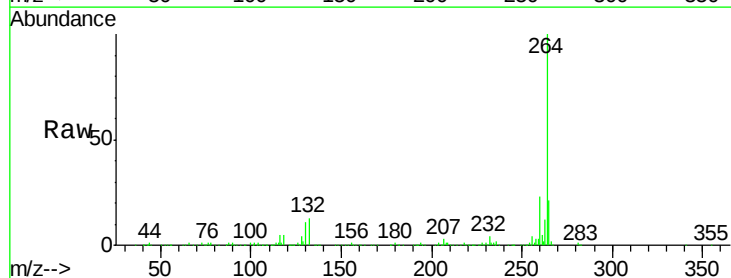
Tgt Ion:264 Resp: 581489

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 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

