

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033873.D
 Acq On : 19 Apr 2018 17:49
 Operator : SJ/JU
 Sample : J2423-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NYS-RBR200034

Quant Time: Apr 20 04:06:29 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	7.84	152	66352	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	269975	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	165295	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	422385	20.00	ng	0.00
75) Chrysene-d12	21.48	240	478256	20.00	ng	0.00
86) Perylene-d12	24.55	264	477291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	571272	137.46	ng	0.00
7) Phenol-d6	7.01	99	680631	112.28	ng	0.00
23) Nitrobenzene-d5	8.99	82	498826	105.15	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	321613	166.77	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1138494	101.18	ng	0.00
78) Terphenyl-d14	19.86	244	2031406	95.43	ng	0.00

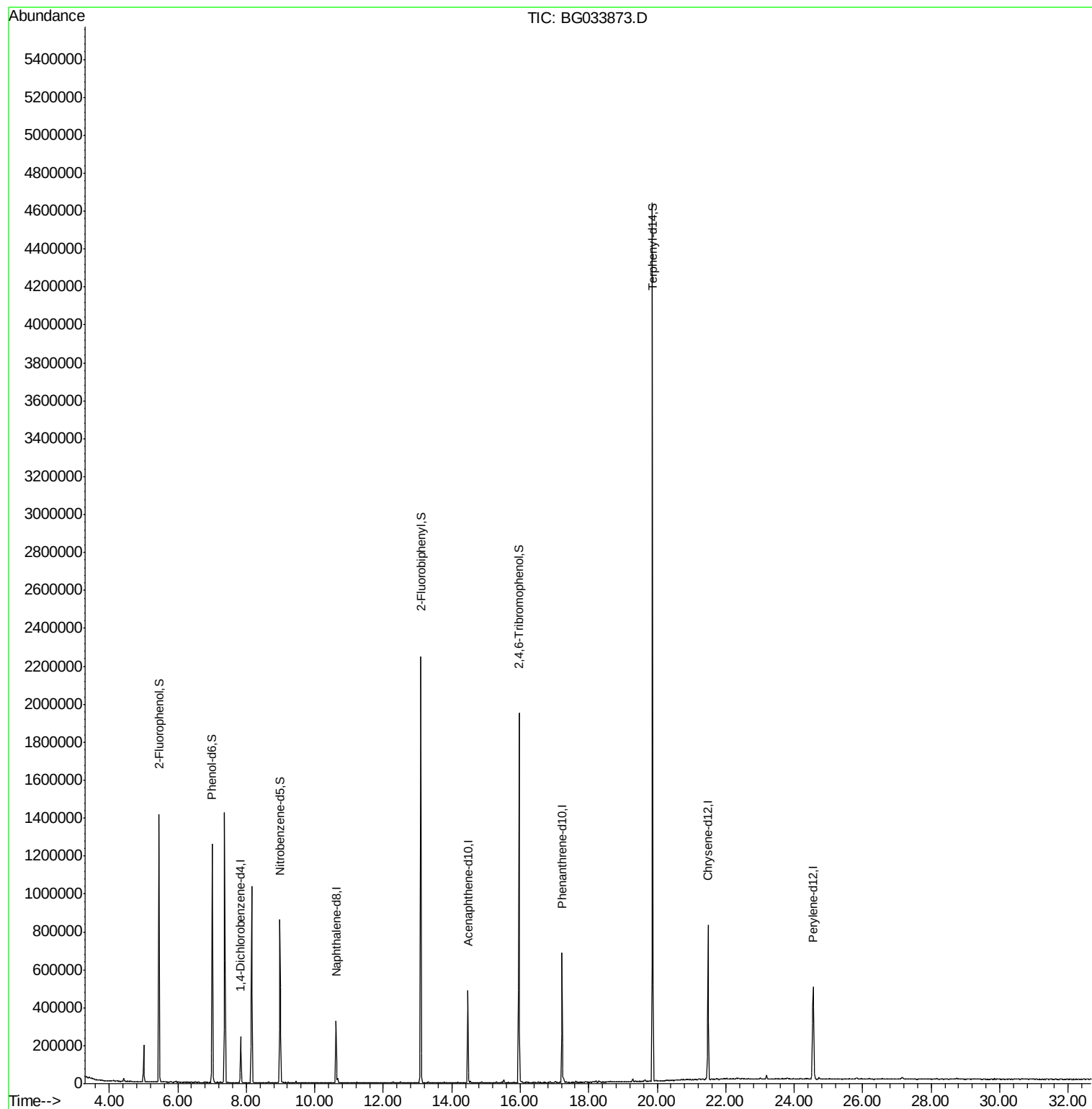
Target Compounds Qvalue

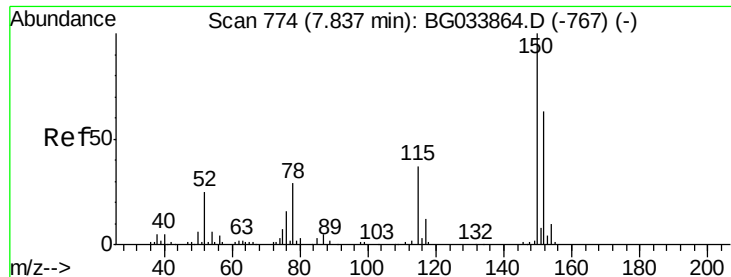
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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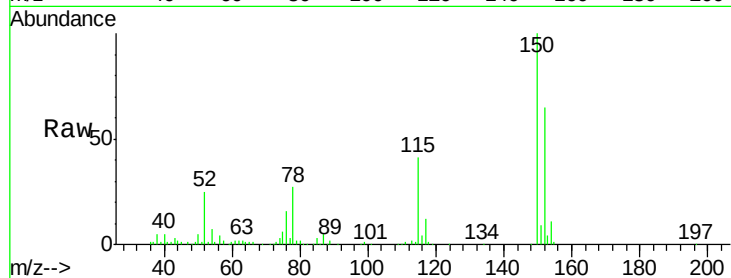


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.84 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

Instrument :
 BNA_G
 ClientSampleId :
 NYS-RBR200034

Tot Ion	152	Resp	66352
Ion Ratio	Lower	Upper	
152	100		
150	153.8	126.6	189.8
115	62.7	53.0	79.4

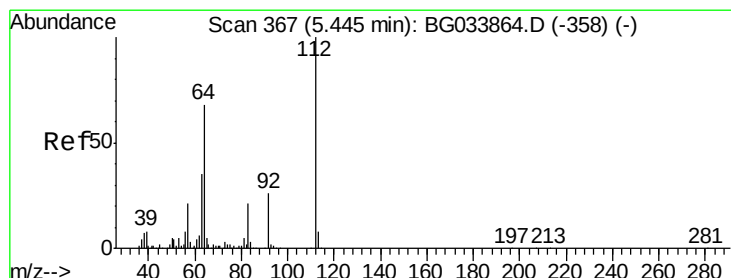
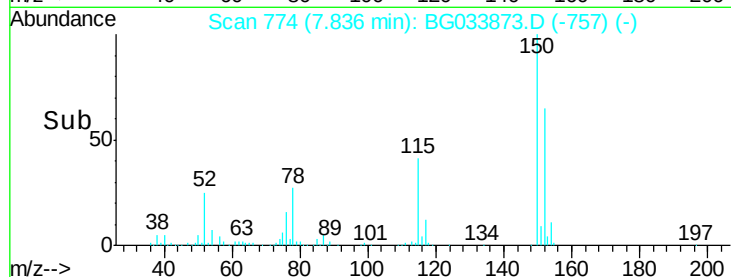
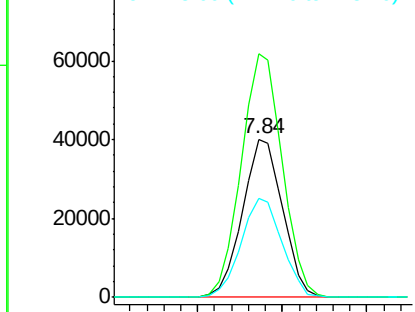


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

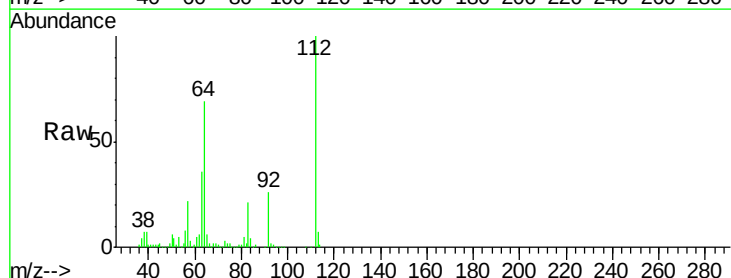
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 137.457 ng
 RT: 5.45 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

Tgt Ion	112	Resp	571272
Ion Ratio	Lower	Upper	
112	100		
64	69.2	56.3	84.5
63	36.3	30.1	45.1

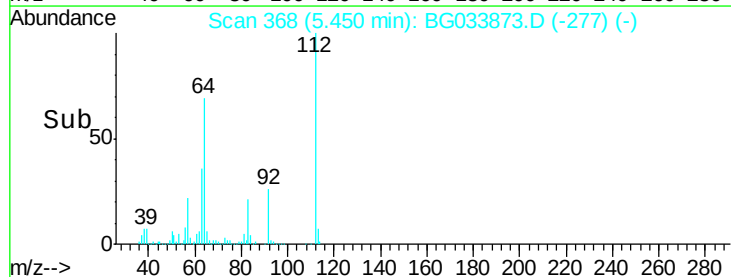
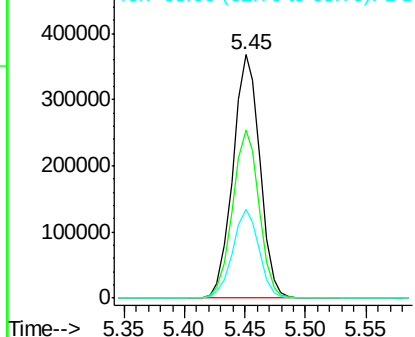


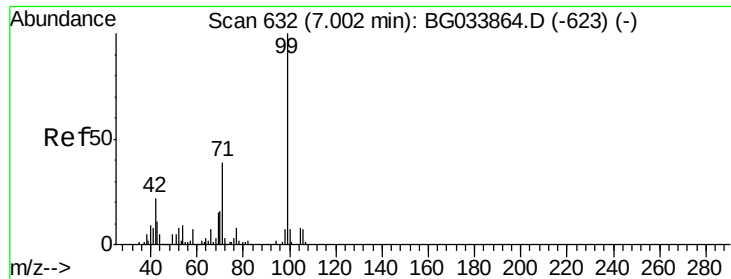
Abundance

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: 112.282 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033873.D

Acq: 19 Apr 2018 17:49

Instrument :

BNA_G

ClientSampleId :

NYS-RBR200034

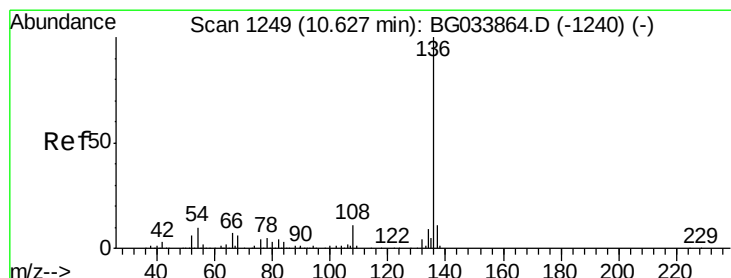
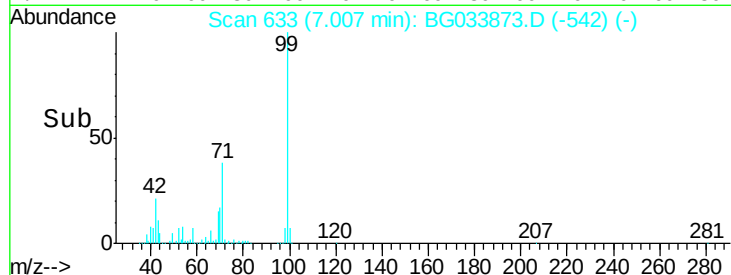
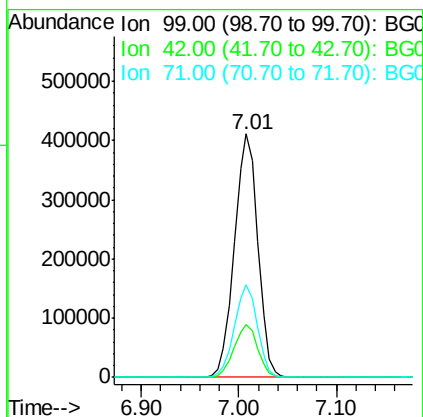
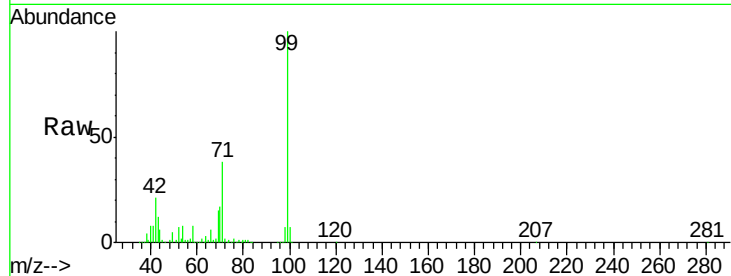
Tot Ion: 99 Resp: 680631

Ion Ratio Lower Upper

99 100

42 21.5 14.1 21.1#

71 38.2 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033873.D

Acq: 19 Apr 2018 17:49

Tgt Ion: 136 Resp: 269975

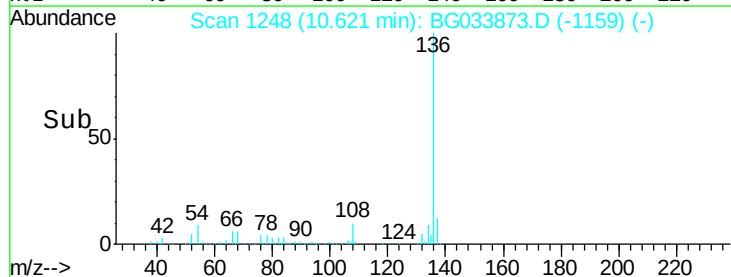
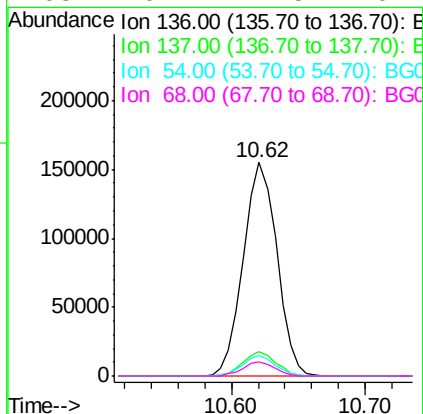
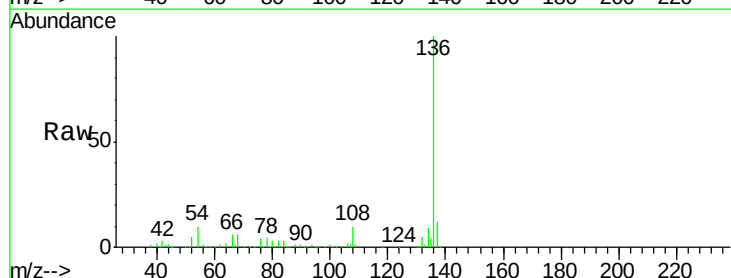
Ion Ratio Lower Upper

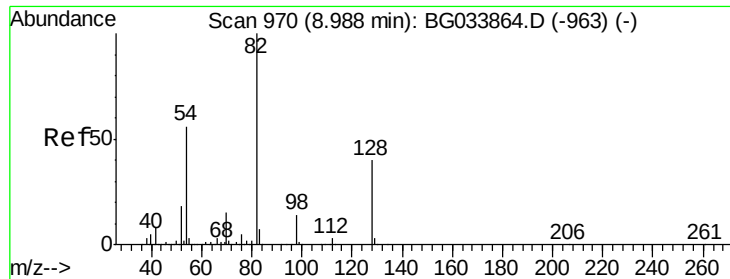
136 100

137 11.6 9.2 13.8

54 9.5 10.3 15.5#

68 6.4 4.5 6.7

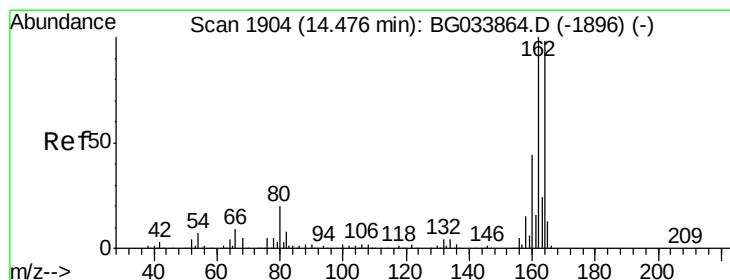
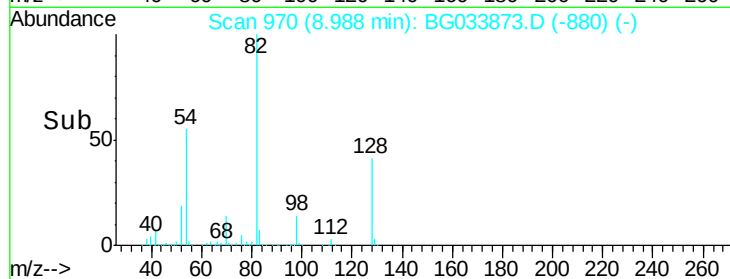
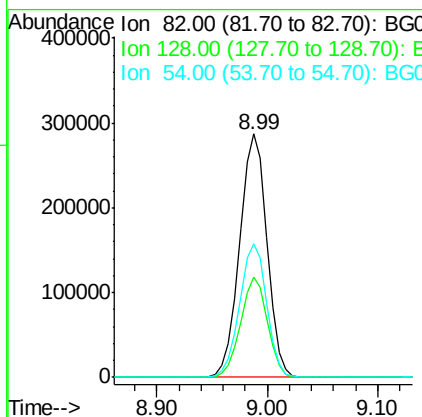
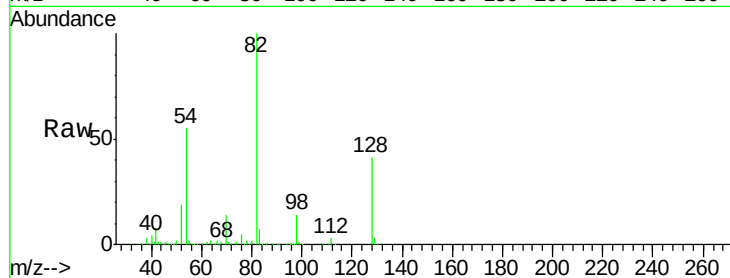




#23
 Nitrobenzene-d5
 Concen: 105.150 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

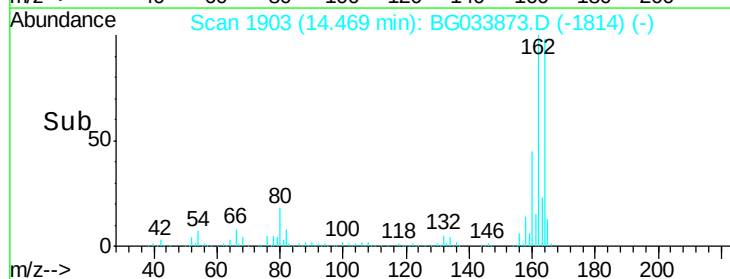
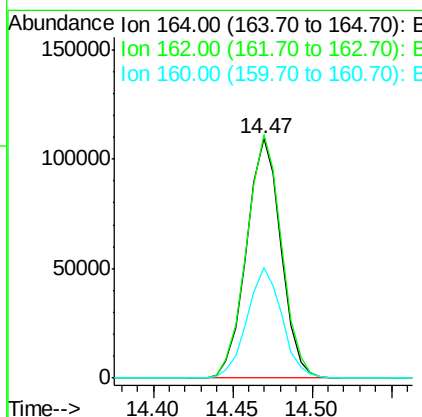
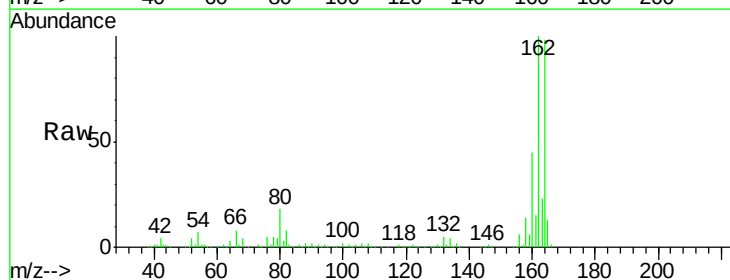
Instrument :
 BNA_G
 ClientSampleId :
 NYS-RBR200034

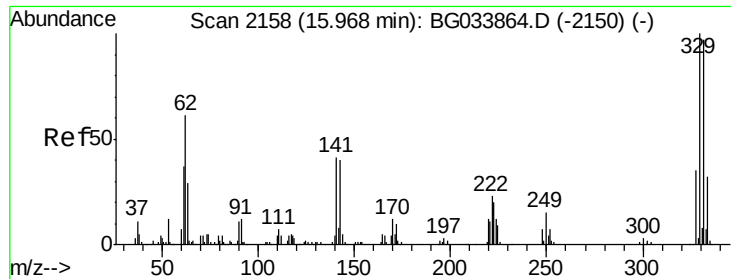
Tot Ion	82	Resp	498826
Ion Ratio	100	Lower	Upper
128	41.1	29.7	44.5
54	54.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

Tgt Ion	164	Resp	165295
Ion Ratio	100	Lower	Upper
162	101.8	78.8	118.2
160	46.2	35.4	53.0

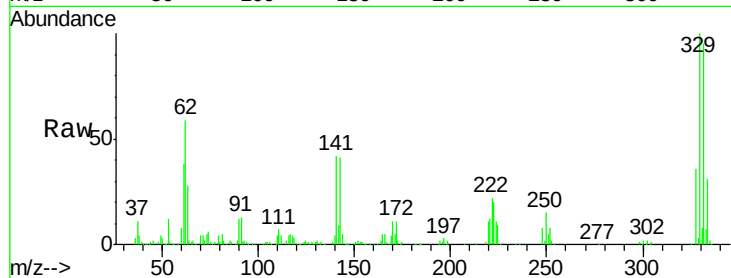




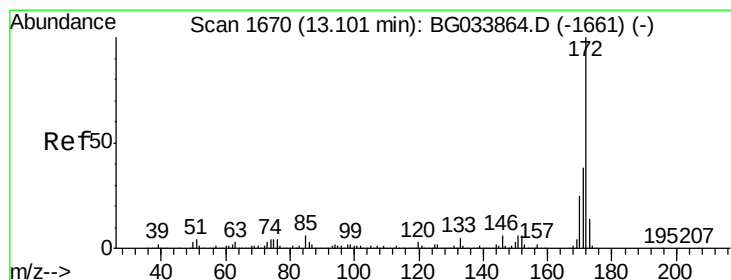
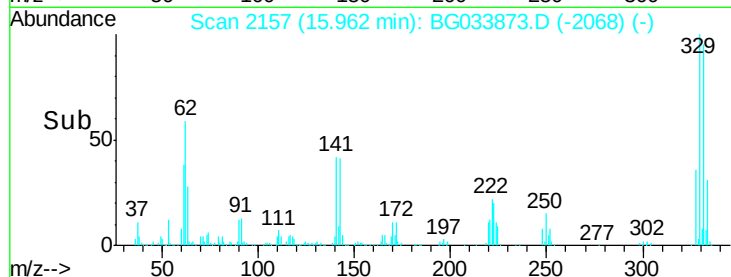
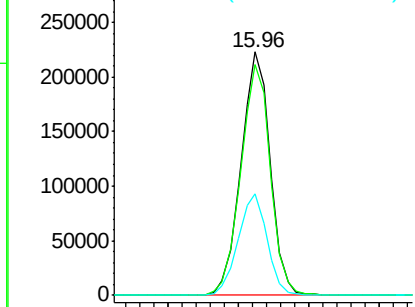
#41
 2,4,6-Tribromophenol
 Concen: 166.774 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

Instrument :
 BNA_G
 ClientSampleId :
 NYS-RBR200034

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	41.6	25.2	37.8#

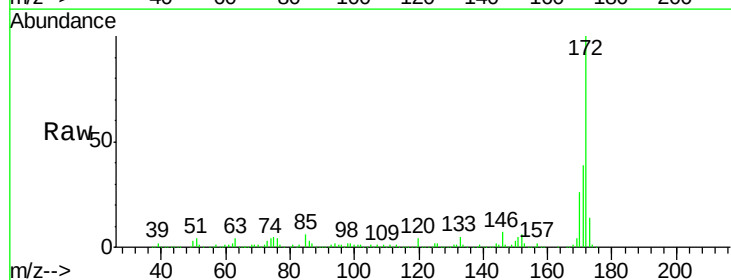


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

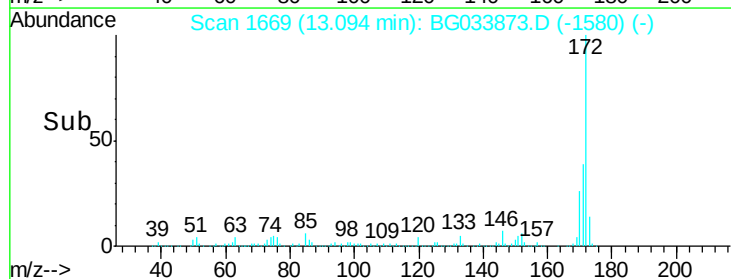
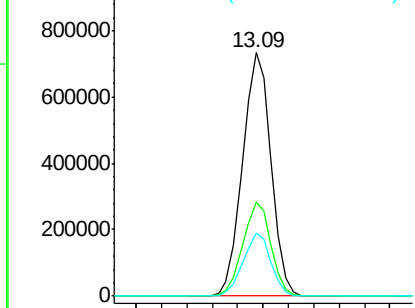


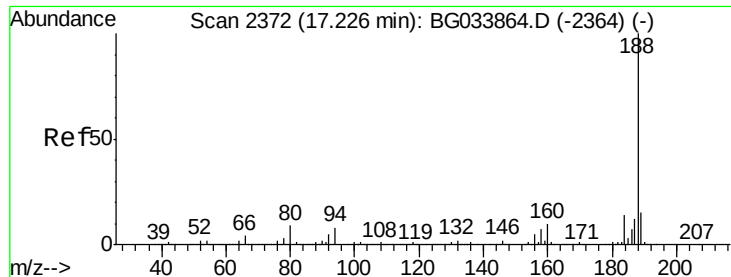
#44
 2-Fluorobiphenyl
 Concen: 101.181 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033873.D
 Acq: 19 Apr 2018 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.9	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

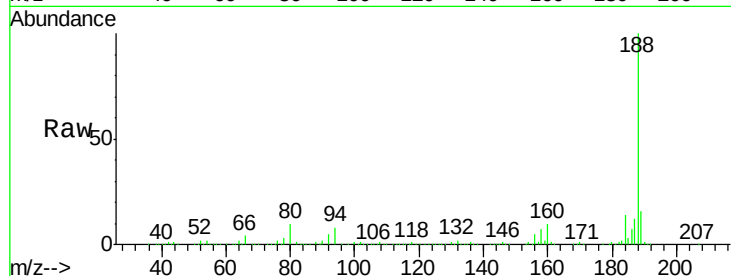




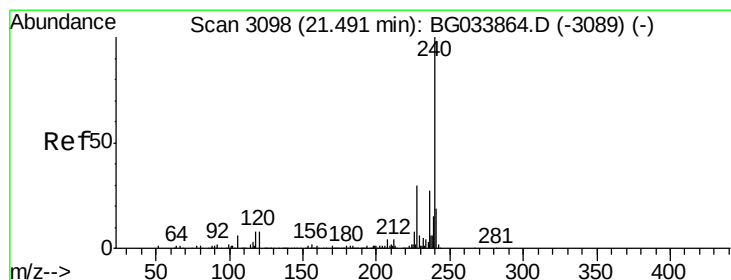
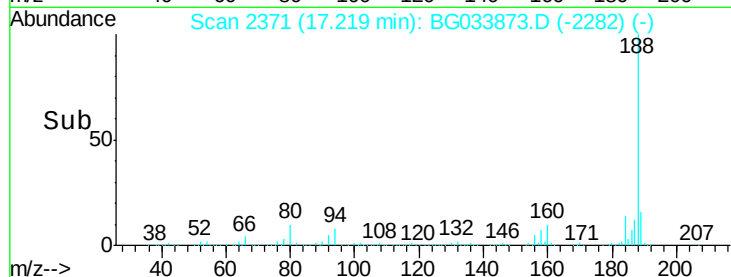
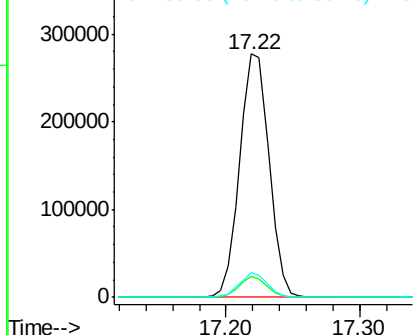
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Instrument :
BNA_G
ClientSampleId :
NYS-RBR200034

Tot Ion:188 Resp: 422385
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.4 7.7 11.5

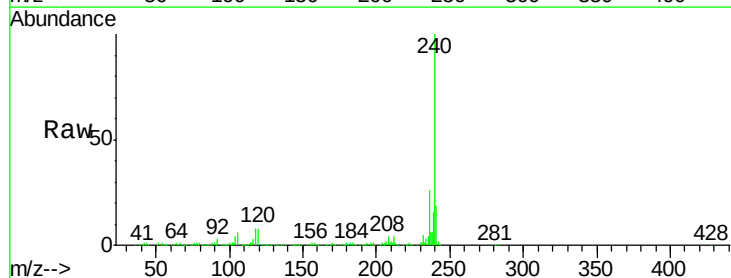


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

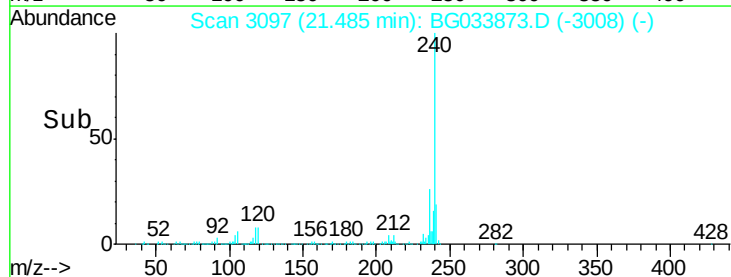
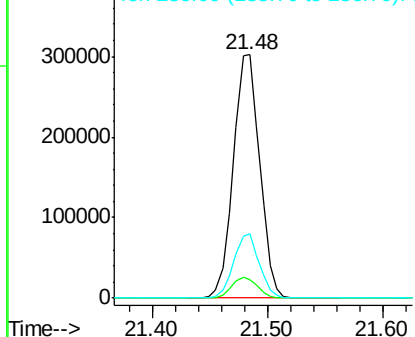


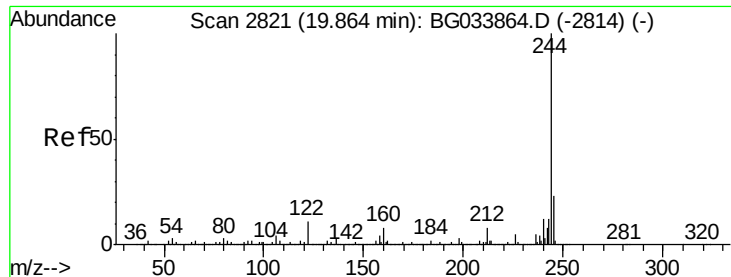
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG033873.D
Acq: 19 Apr 2018 17:49

Tgt Ion:240 Resp: 478256
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 26.3 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: 95.426 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033873.D

Acq: 19 Apr 2018 17:49

Instrument :

BNA_G

ClientSampleId :

NYS-RBR200034

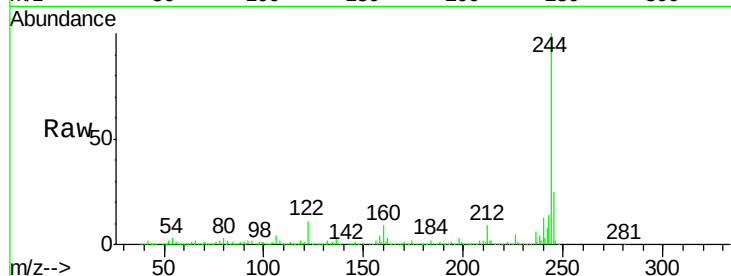
Tot Ion:244 Resp: 2031406

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

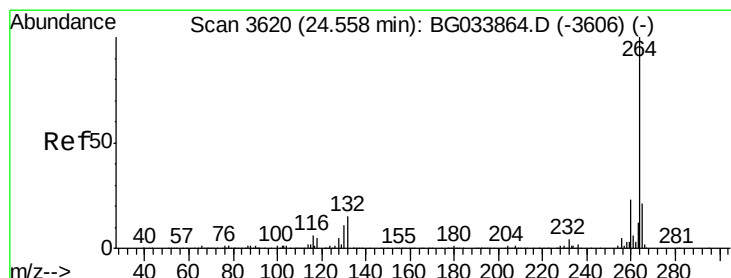
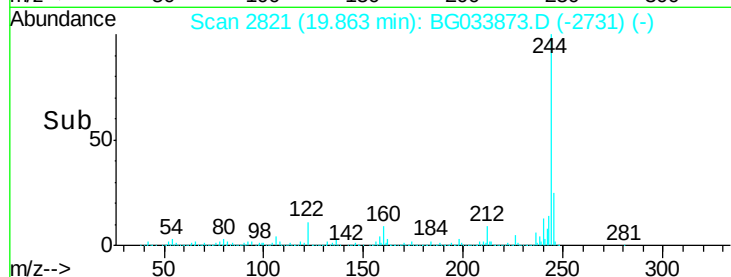
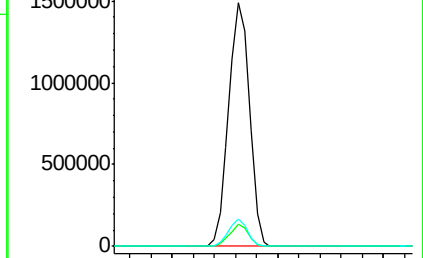
122 11.0 7.0 10.4#



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: 24.55 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG033873.D

Acq: 19 Apr 2018 17:49

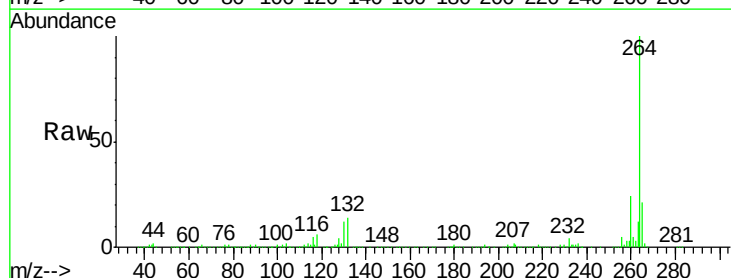
Tgt Ion:264 Resp: 477291

Ion Ratio Lower Upper

264 100

260 24.0 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

