

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033879.D
 Acq On : 19 Apr 2018 21:36
 Operator : SJ/JU
 Sample : J2428-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-TP-2

Quant Time: Apr 20 08:39:01 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	78323	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	318504	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	174048	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	498659	20.00	ng	0.00
75) Chrysene-d12	21.48	240	471197	20.00	ng	-0.01
86) Perylene-d12	24.54	264	48889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	661968	134.94	ng	0.00
7) Phenol-d6	7.01	99	751278	104.99	ng	0.00
23) Nitrobenzene-d5	8.99	82	578120	103.30	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	371317	182.87	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1300192	109.74	ng	0.00
78) Terphenyl-d14	19.86	244	2250983	107.32	ng	0.00

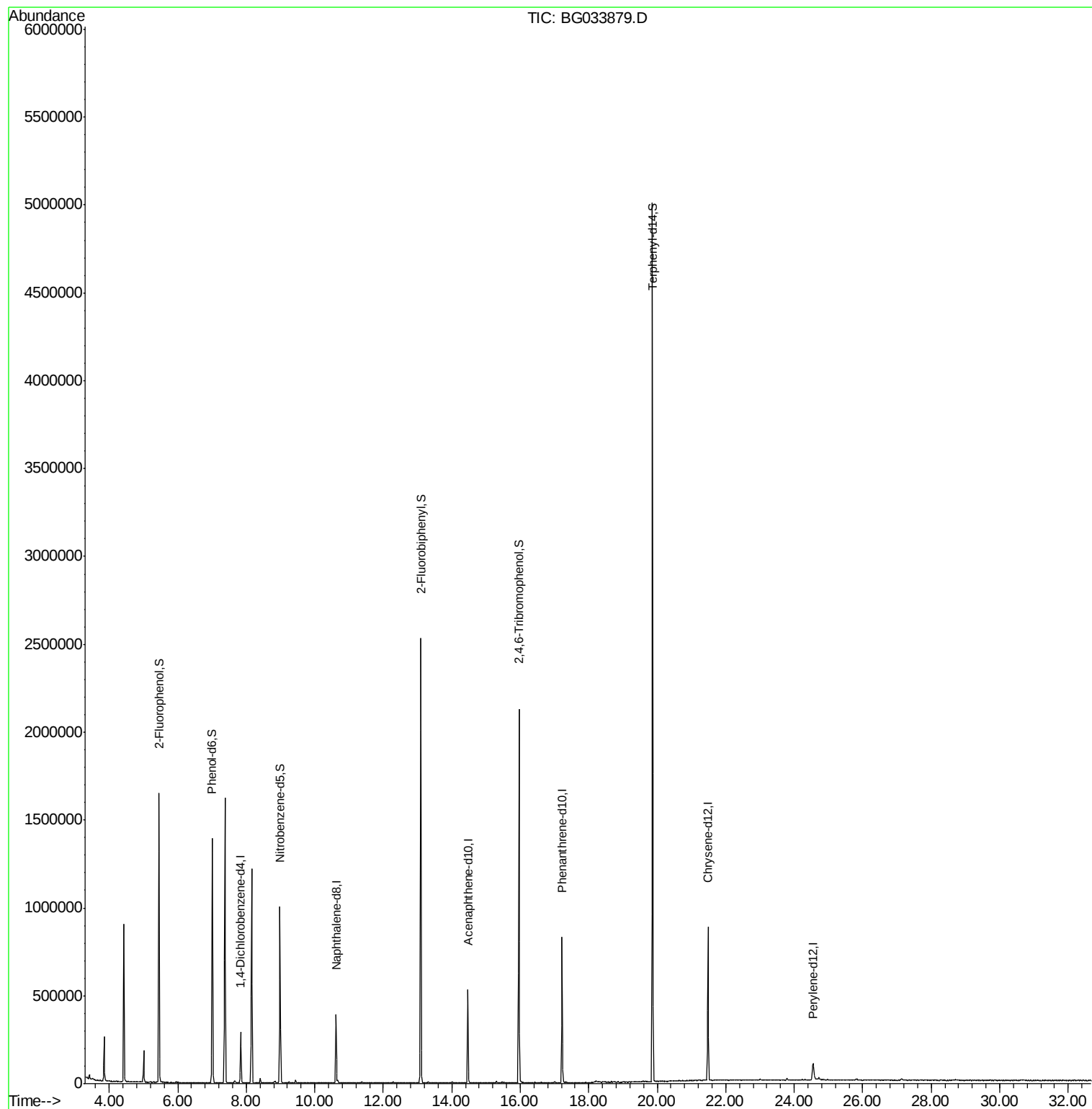
Target Compounds Qvalue

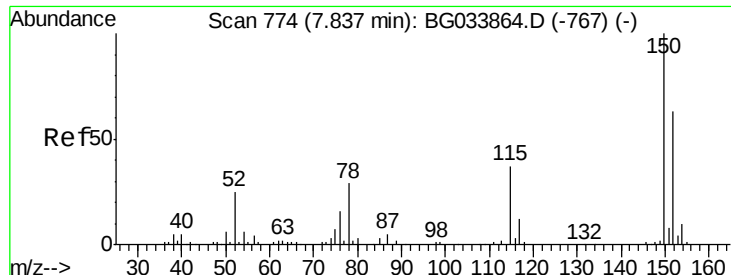
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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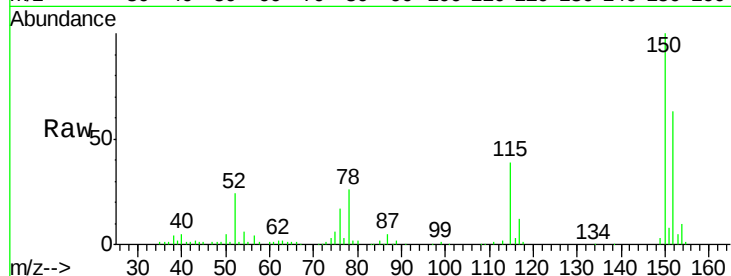


#1

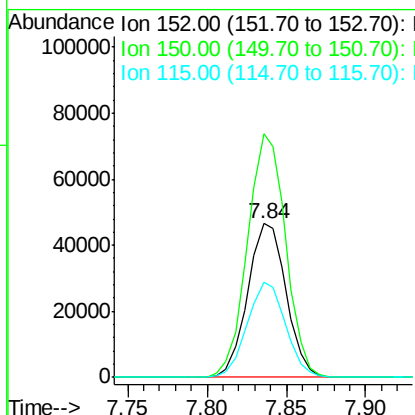
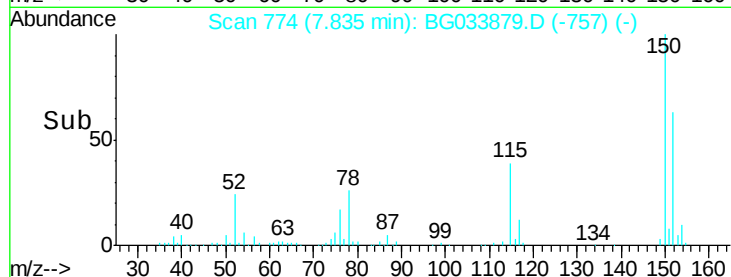
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Instrument :
BNA_G
ClientSampleId :
TP-1-TP-2

Tot Ion:152 Resp: 78323
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 62.3 53.0 79.4



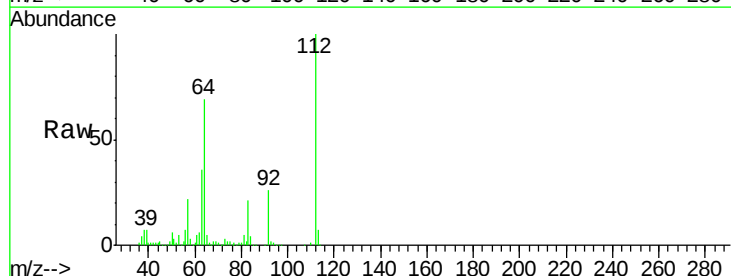
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



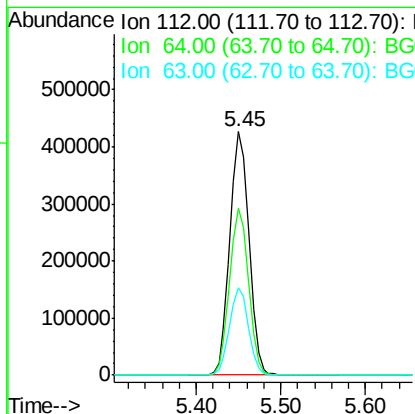
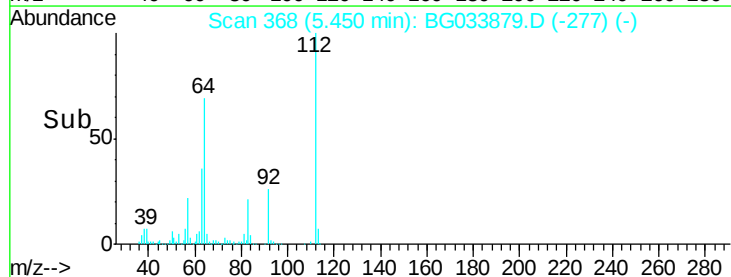
#5

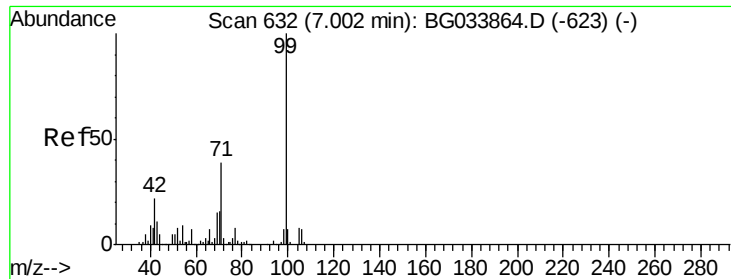
2-Fluorophenol
Concen: 134.935 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Tgt Ion:112 Resp: 661968
Ion Ratio Lower Upper
112 100
64 68.6 56.3 84.5
63 36.1 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: 104.994 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

TP-1-TP-2

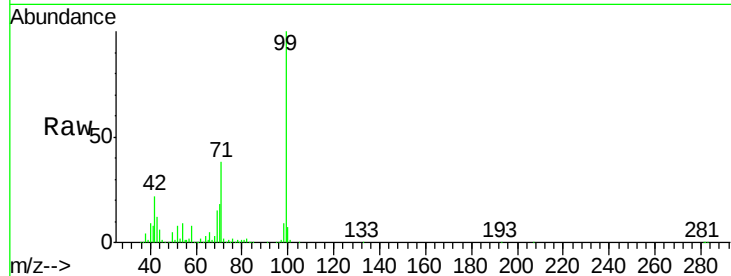
Tot Ion: 99 Resp: 751278

Ion Ratio Lower Upper

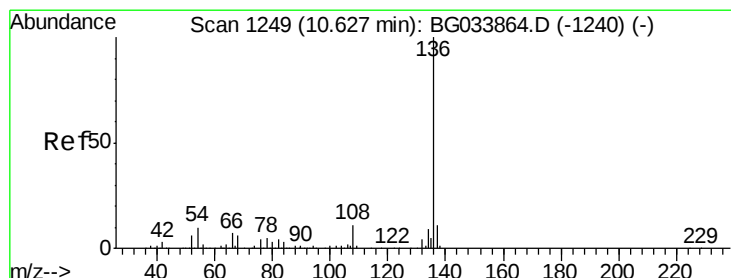
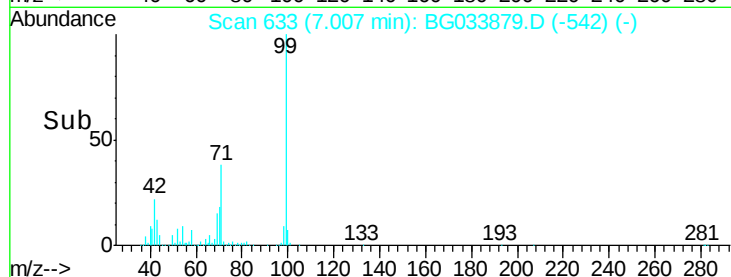
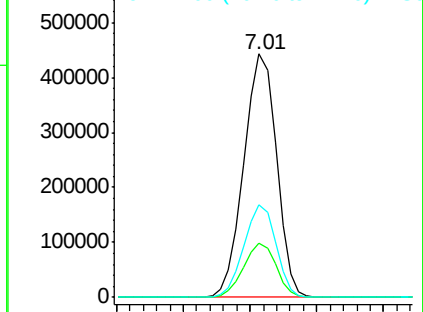
99 100

42 22.2 14.1 21.1#

71 38.1 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: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Tgt Ion: 136 Resp: 318504

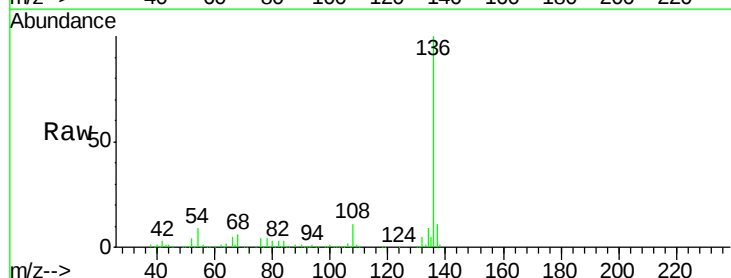
Ion Ratio Lower Upper

136 100

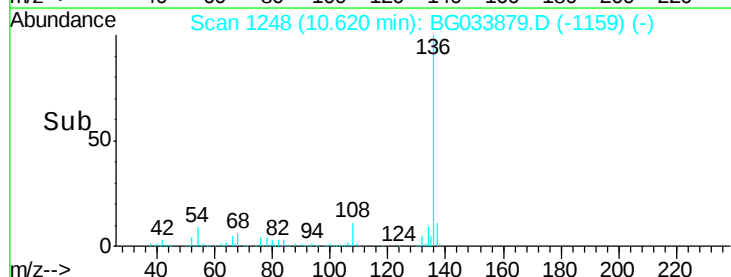
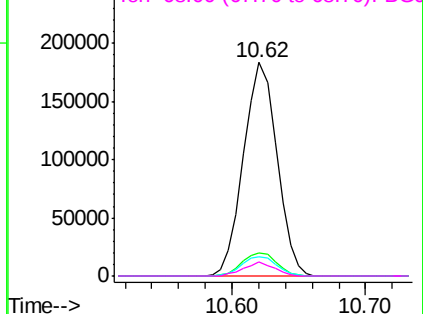
137 11.1 9.2 13.8

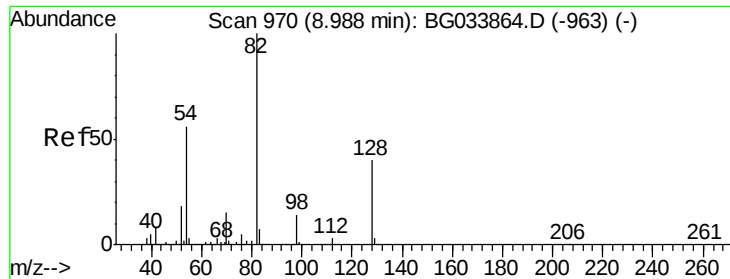
54 9.3 10.3 15.5#

68 6.4 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

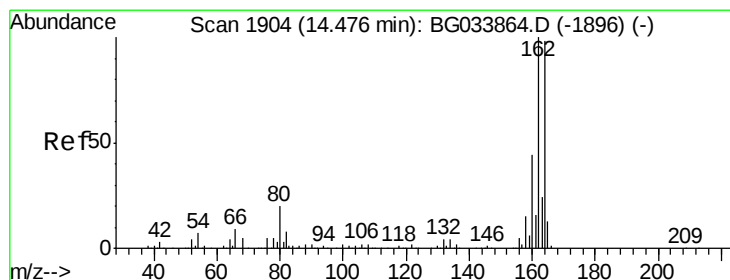
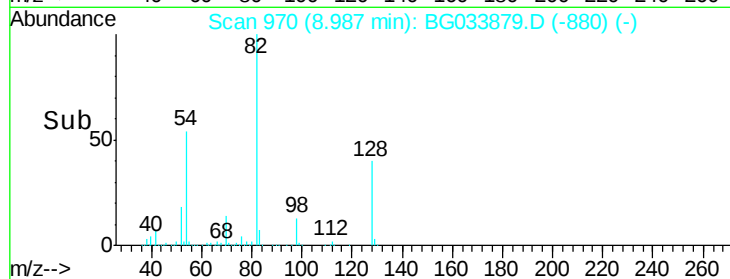
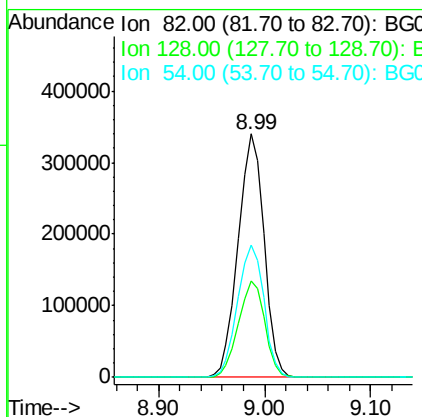
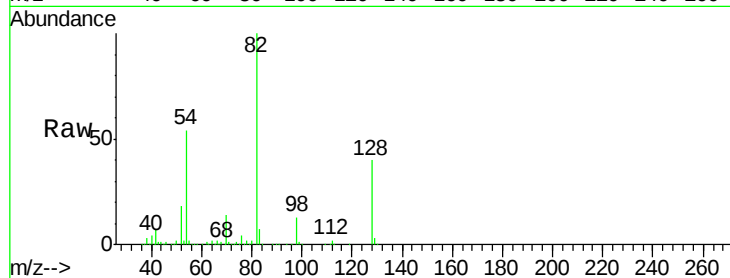




#23
 Nitrobenzene-d5
 Concen: 103.297 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

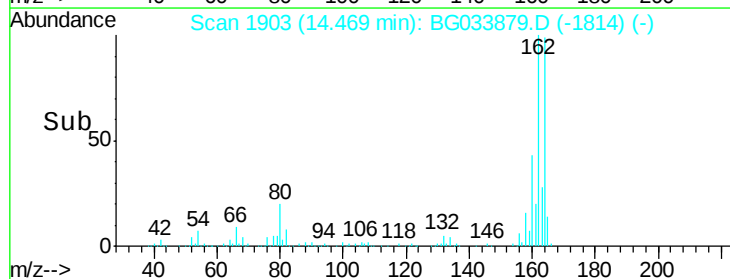
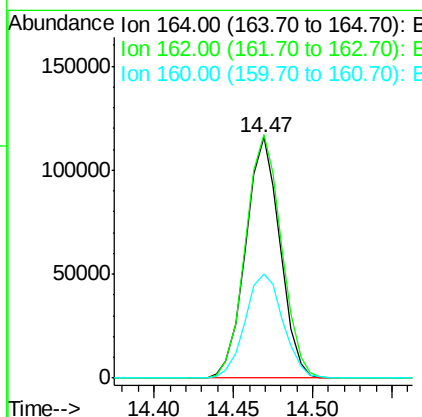
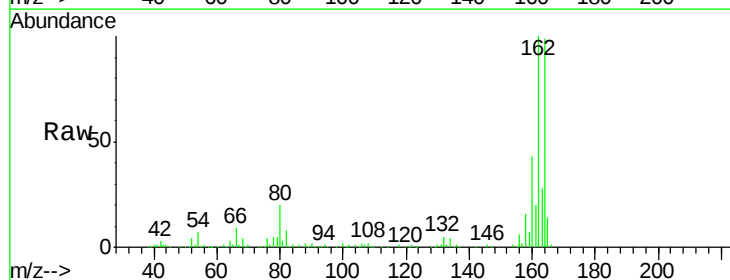
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-TP-2

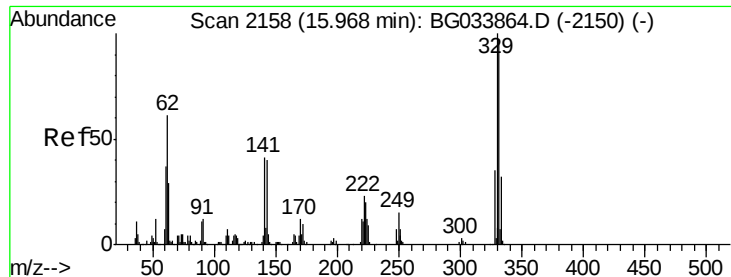
Tot Ion	82	Resp	578120
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.7	44.5
54	54.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

Tgt Ion	164	Resp	174048
Ion Ratio	Lower	Upper	
164	100		
162	101.0	78.8	118.2
160	43.2	35.4	53.0

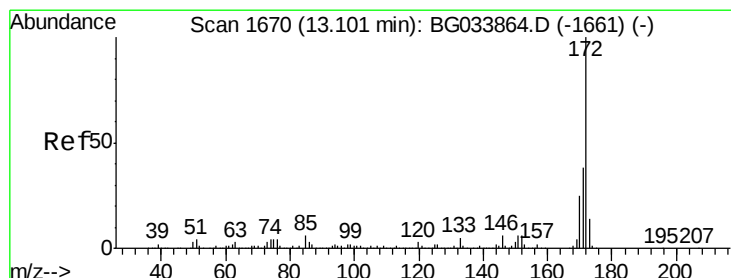
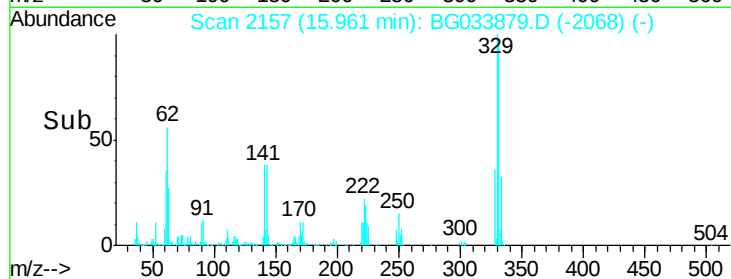
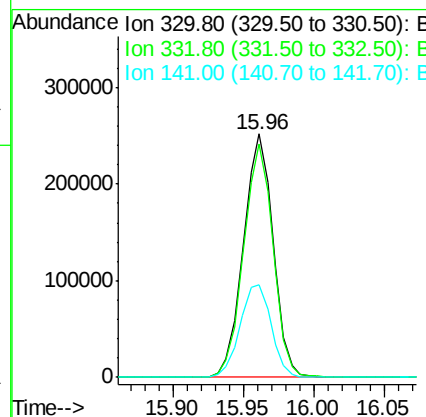
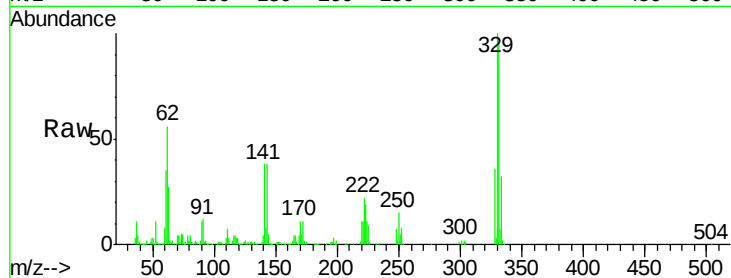




#41
 2,4,6-Tribromophenol
 Concen: 182.865 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

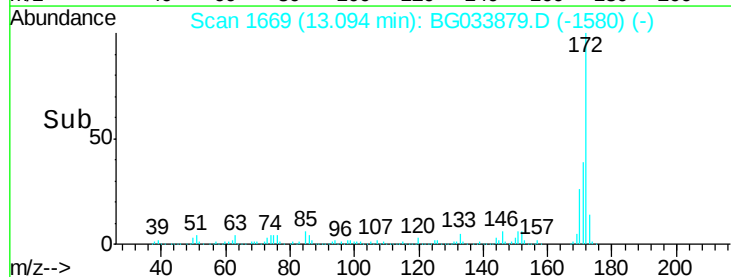
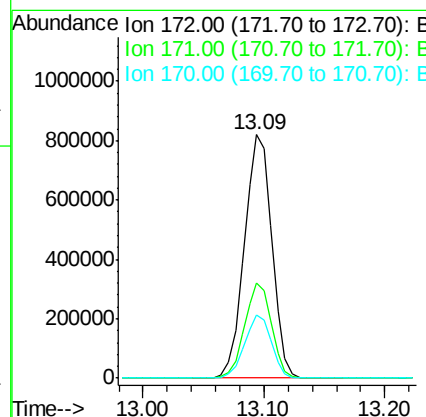
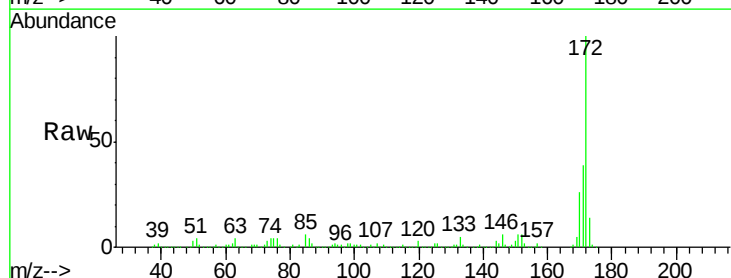
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-TP-2

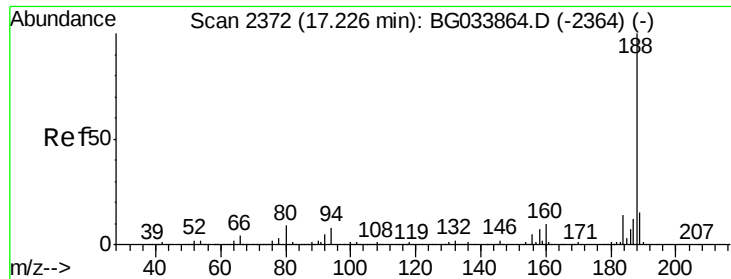
Tot Ion:330 Resp: 371317
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 40.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 109.741 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033879.D
 Acq: 19 Apr 2018 21:36

Tgt Ion:172 Resp: 1300192
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 26.1 19.5 29.3

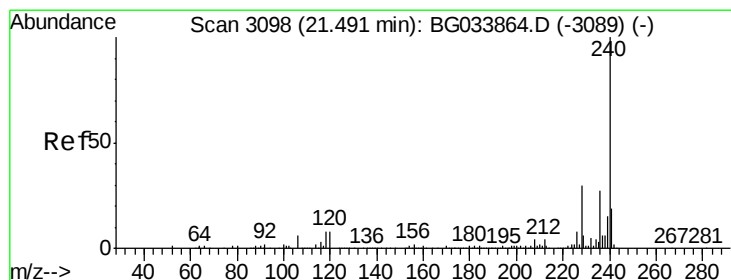
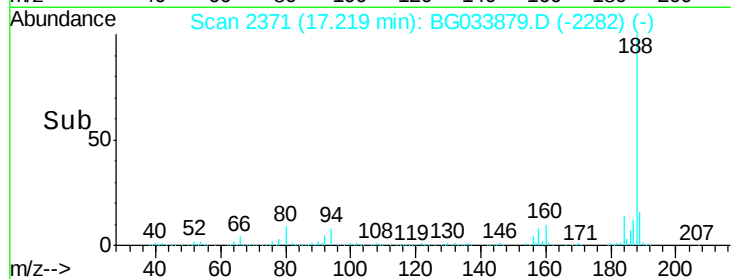
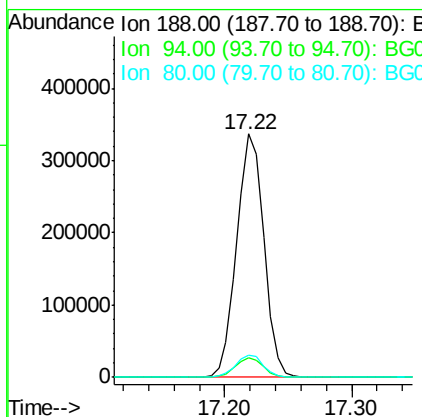
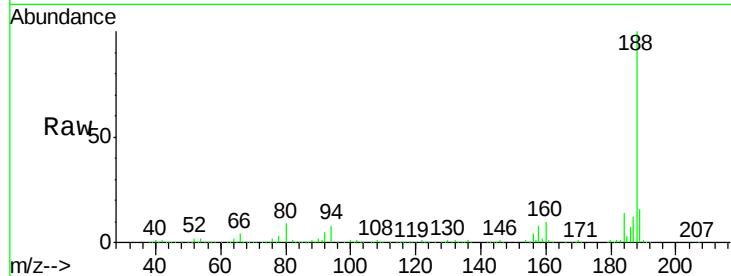




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

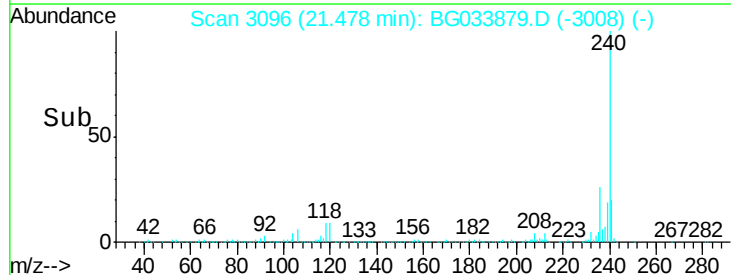
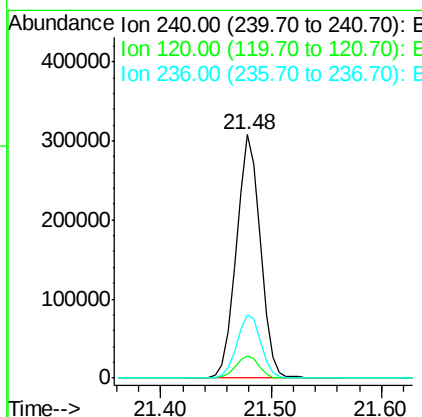
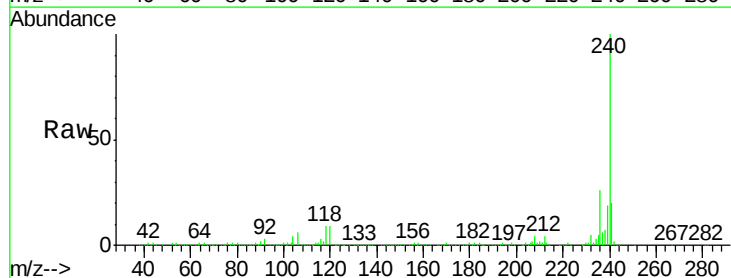
Instrument :
BNA_G
ClientSampleId :
TP-1-TP-2

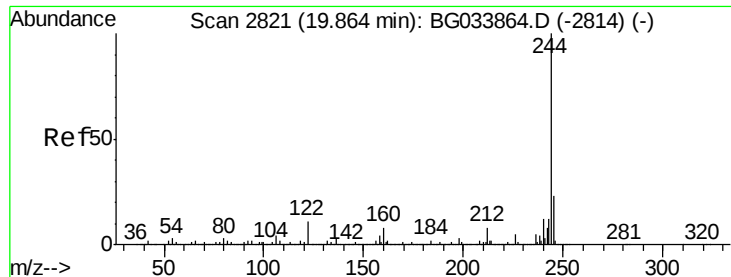
Tot Ion:188 Resp: 498659
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG033879.D
Acq: 19 Apr 2018 21:36

Tgt Ion:240 Resp: 471197
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 107.324 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

Instrument :

BNA_G

ClientSampleId :

TP-1-TP-2

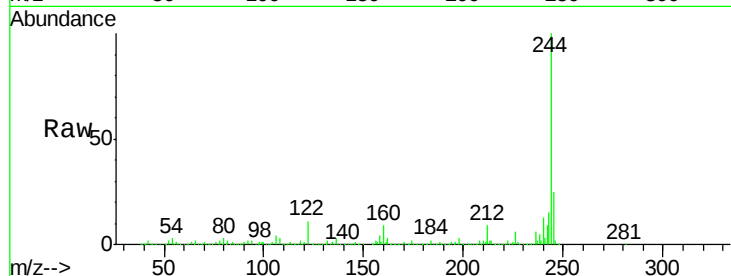
Tot Ion:244 Resp: 2250983

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

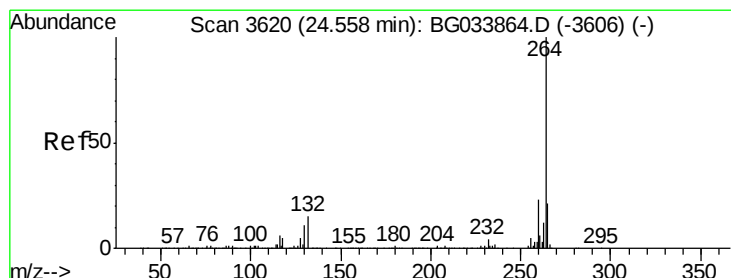
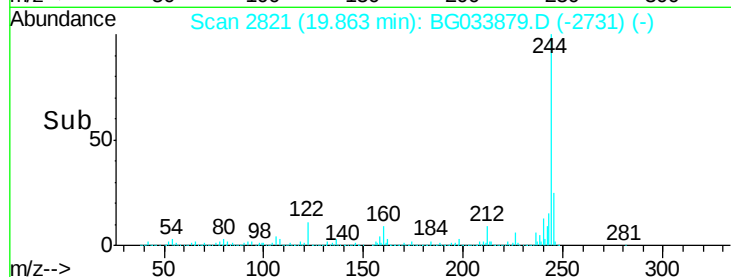
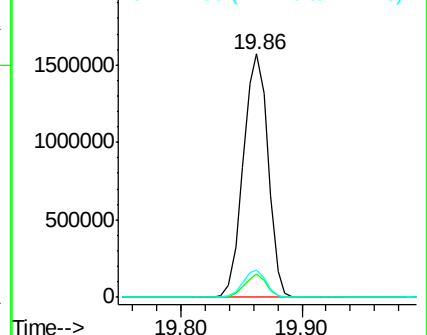
122 11.4 7.0 10.4#



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033879.D

Acq: 19 Apr 2018 21:36

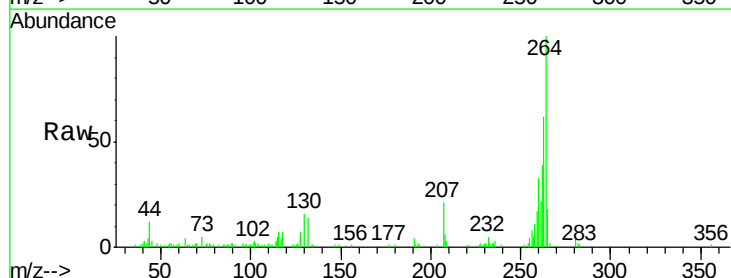
Tgt Ion:264 Resp: 48889

Ion Ratio Lower Upper

264 100

260 33.0 17.4 26.0#

265 18.3 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

