

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033981.D
 Acq On : 25 Apr 2018 9:23
 Operator : SJ/JU
 Sample : J2508-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 25 12:16:07 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	83346	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	342163	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	216140	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	536366	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	615482	20.00	ng	-0.02
86) Perylene-d12	24.53	264	610837	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	666327	127.64	ng	0.00
7) Phenol-d6	7.00	99	788672	103.58	ng	0.00
23) Nitrobenzene-d5	8.98	82	620506	103.20	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	394319	156.38	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1446258	98.30	ng	-0.02
78) Terphenyl-d14	19.84	244	2449809	89.42	ng	-0.02

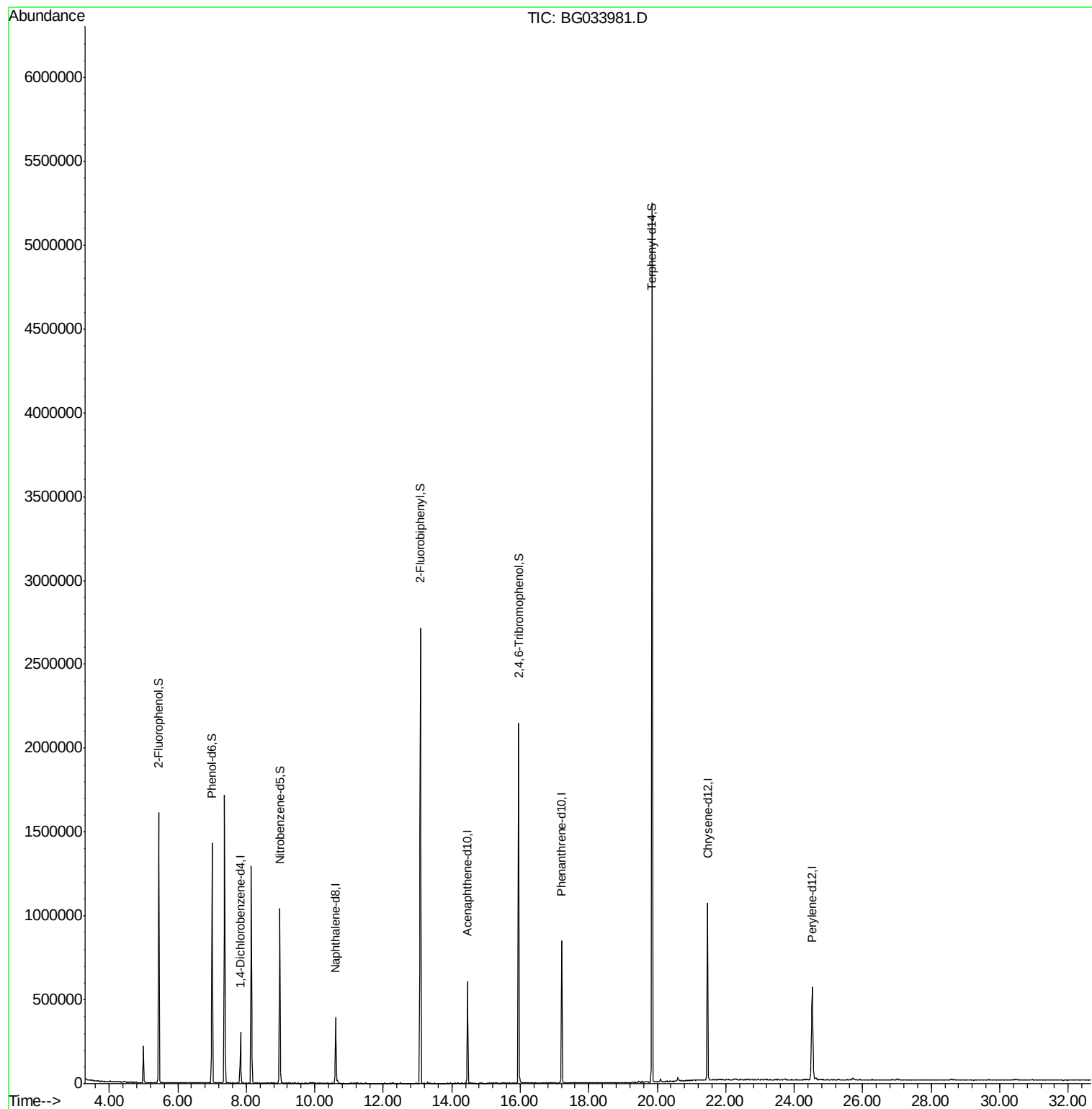
Target Compounds Qvalue

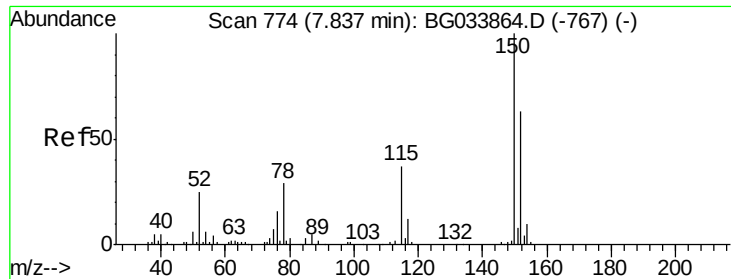
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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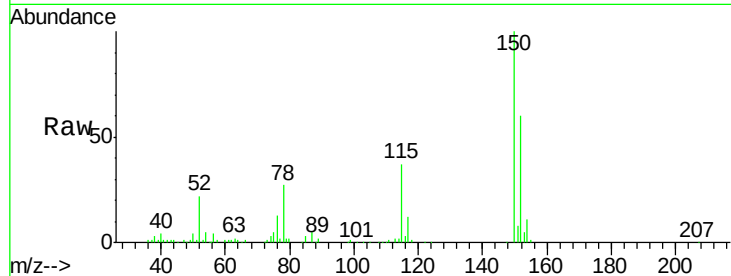


#1

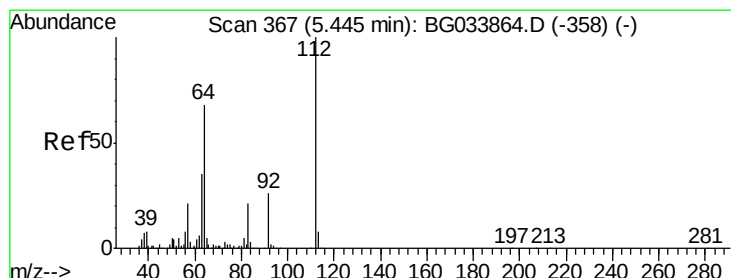
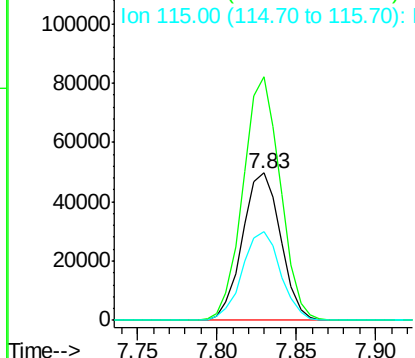
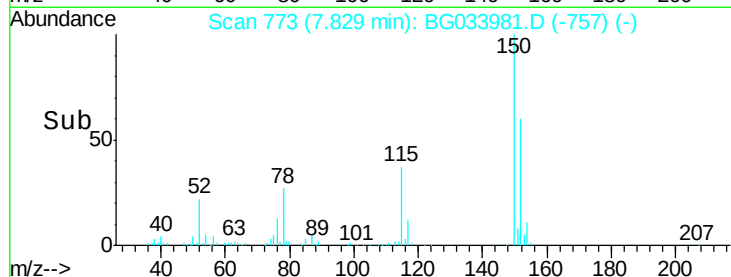
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033981.D
Acq: 25 Apr 2018 9:23

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	126.6	189.8
115	60.6	53.0	79.4



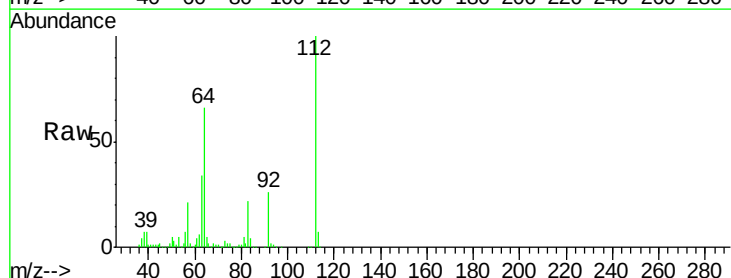
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



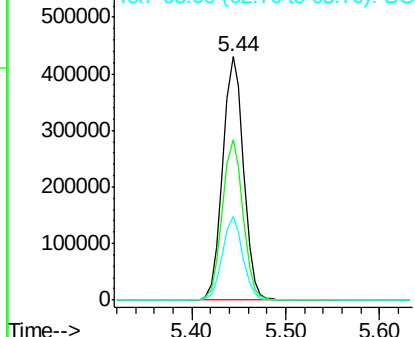
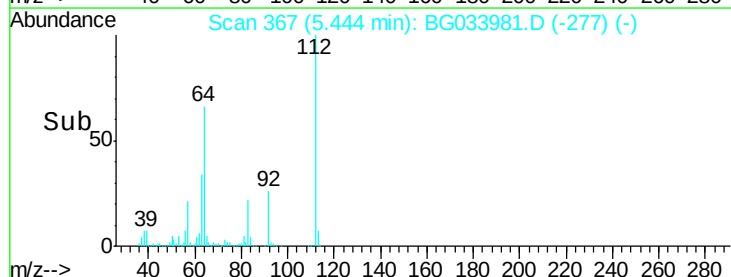
#5

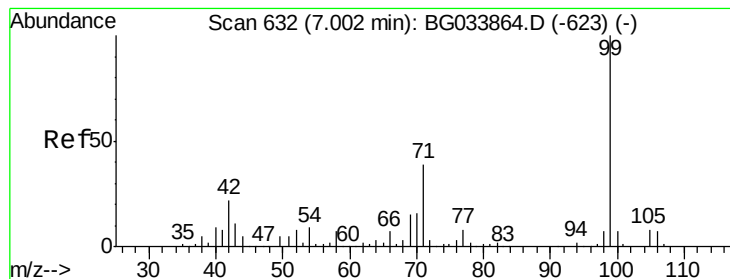
2-Fluorophenol
Concen: 127.638 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033981.D
Acq: 25 Apr 2018 9:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	34.4	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: 103.578 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033981.D

Acq: 25 Apr 2018 9:23

Instrument :

BNA_G

ClientSampleId :

TP-2

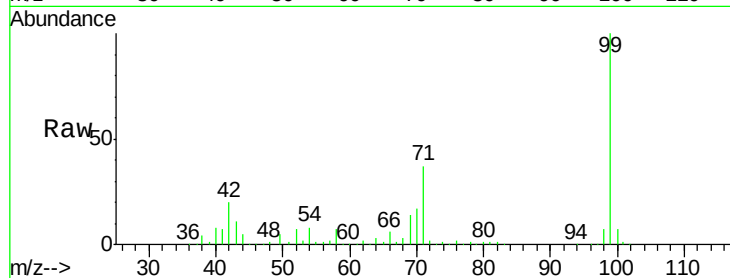
Tot Ion: 99 Resp: 788672

Ion Ratio Lower Upper

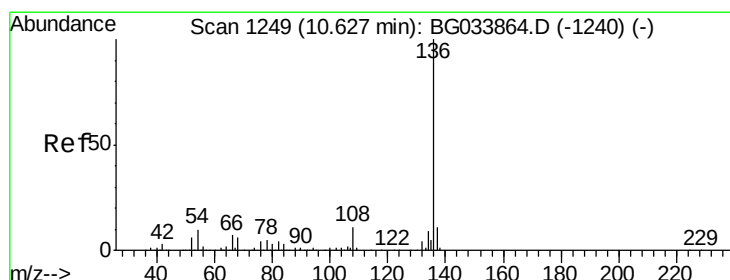
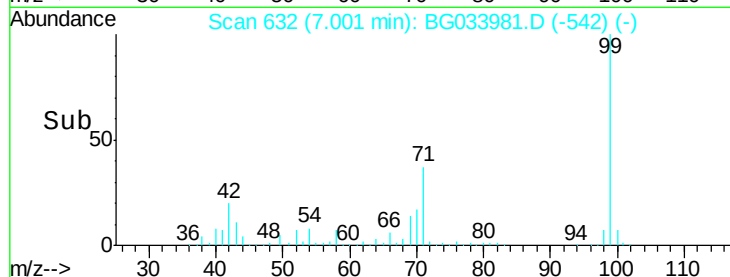
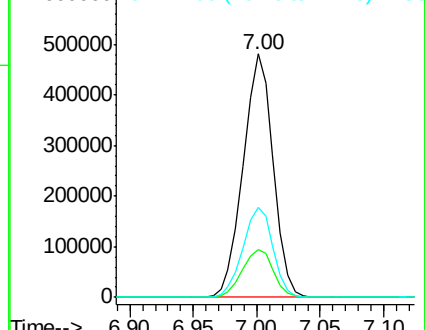
99 100

42 19.8 14.1 21.1

71 36.9 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: BG033981.D

Acq: 25 Apr 2018 9:23

Tgt Ion: 136 Resp: 342163

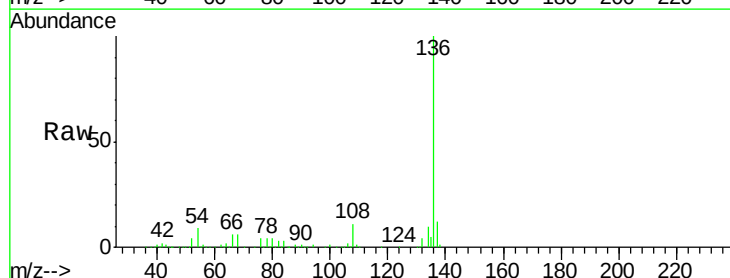
Ion Ratio Lower Upper

136 100

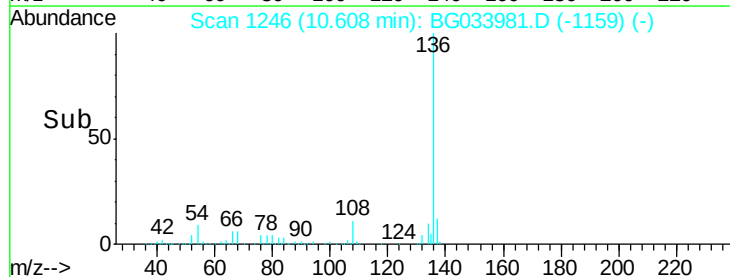
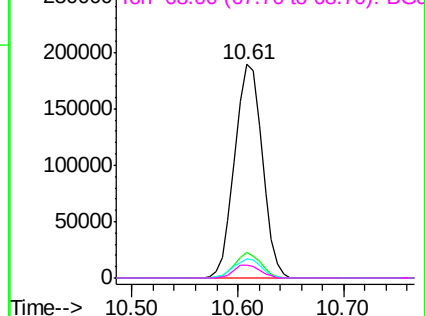
137 11.9 9.2 13.8

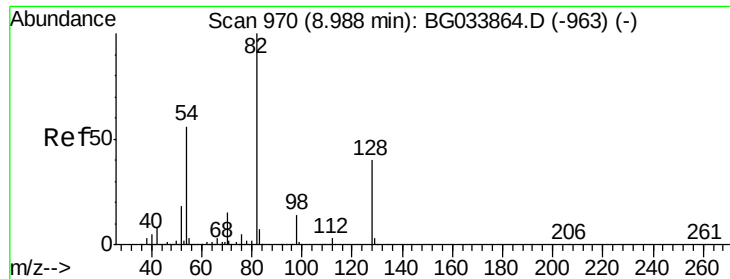
54 8.8 10.3 15.5#

68 5.8 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

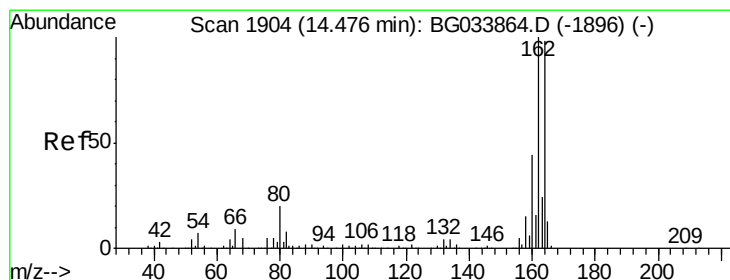
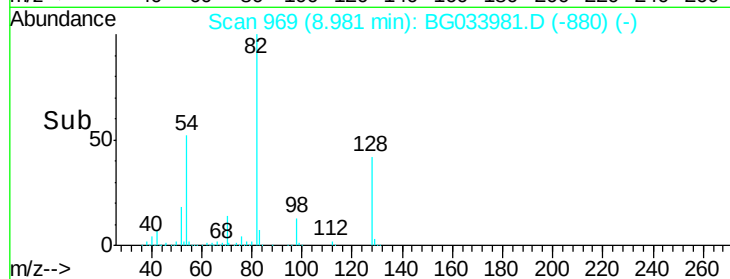
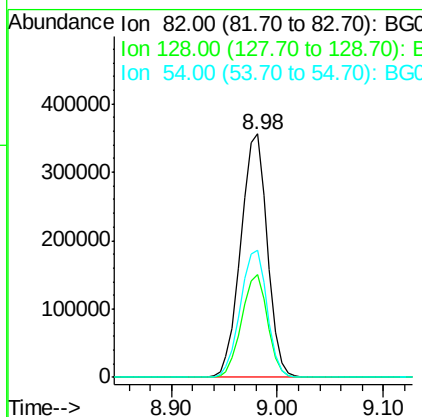
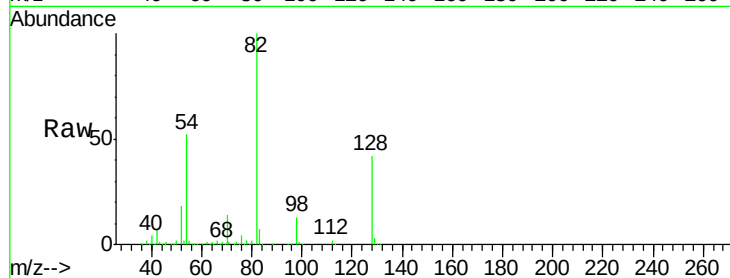




#23
 Nitrobenzene-d5
 Concen: 103.204 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033981.D
 Acq: 25 Apr 2018 9:23

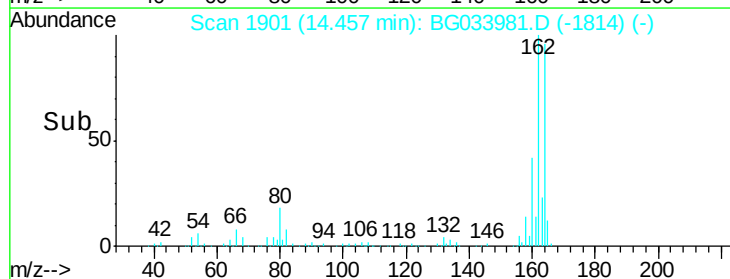
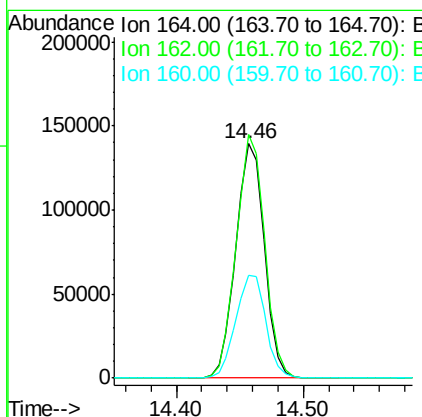
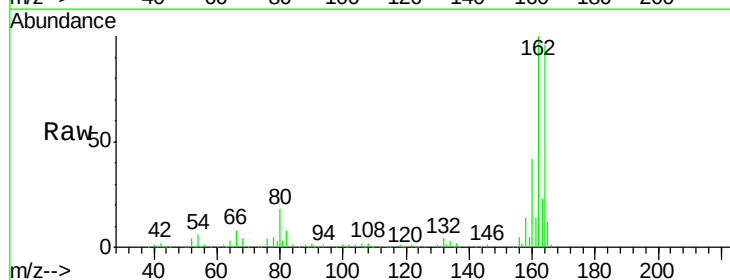
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

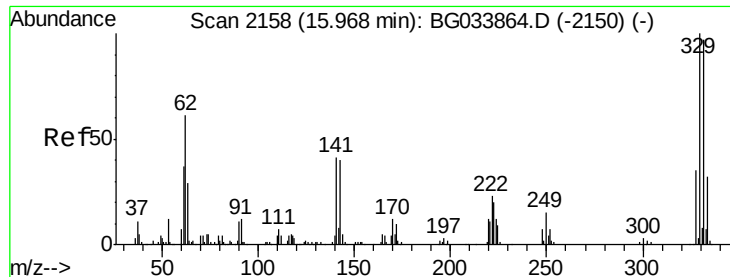
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	52.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033981.D
 Acq: 25 Apr 2018 9:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	44.1	35.4	53.0

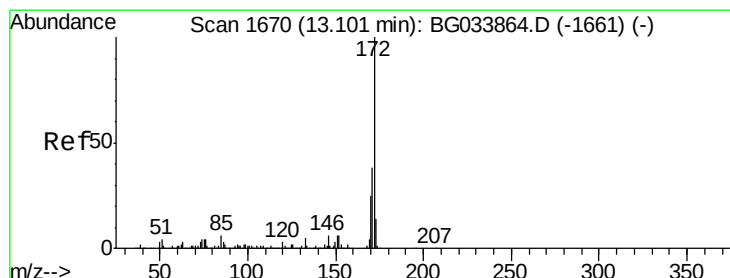
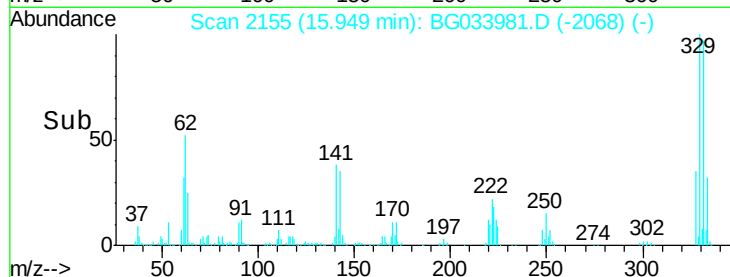
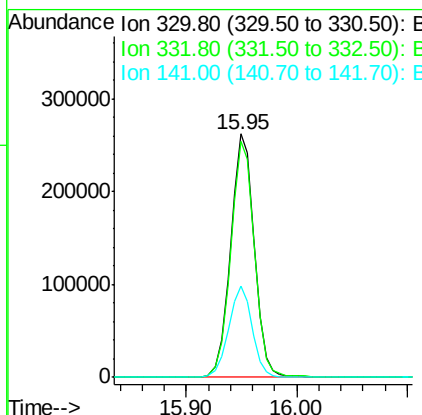
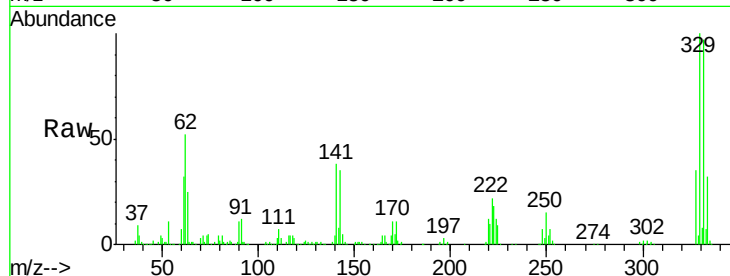




#41
 2,4,6-Tribromophenol
 Concen: 156.375 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033981.D
 Acq: 25 Apr 2018 9:23

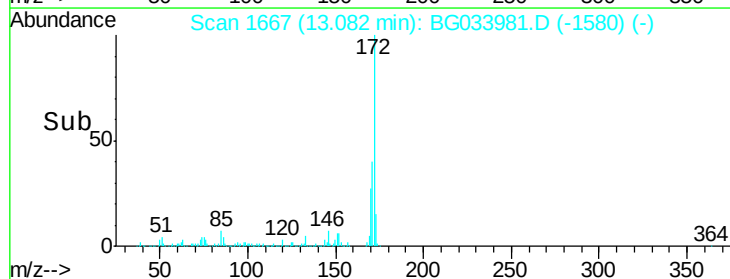
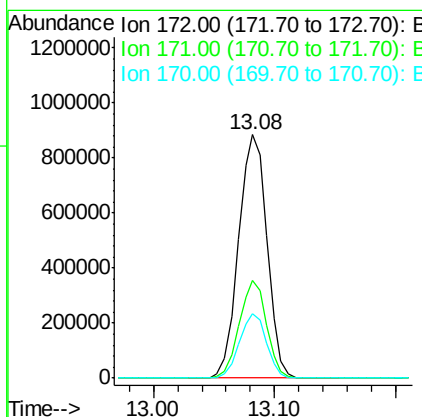
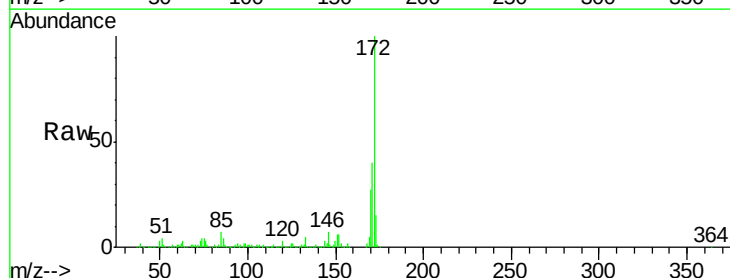
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

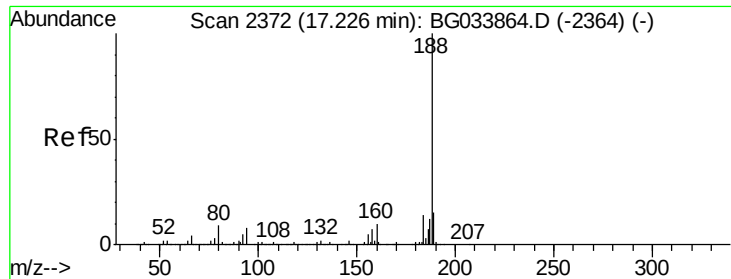
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 98.297 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033981.D
 Acq: 25 Apr 2018 9:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.0	45.0
170	26.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033981.D

Acq: 25 Apr 2018 9:23

Instrument :

BNA_G

ClientSampleId :

TP-2

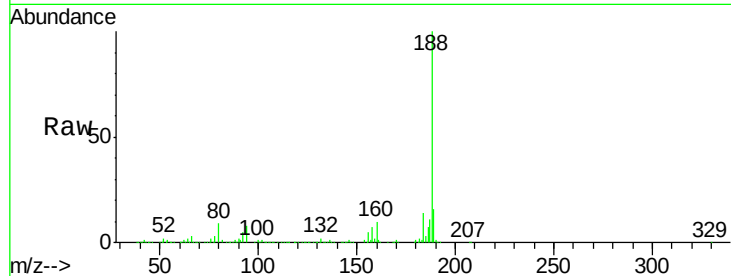
Tot Ion:188 Resp: 536366

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

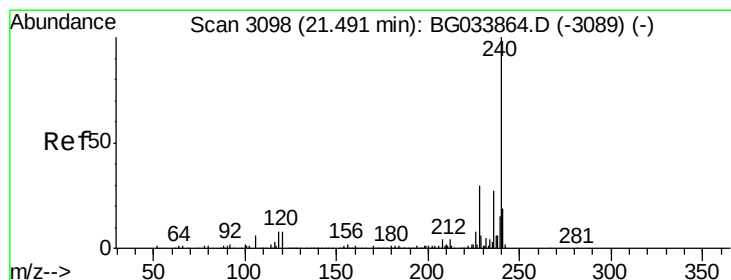
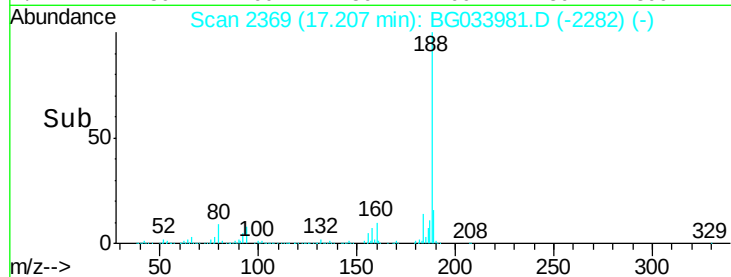
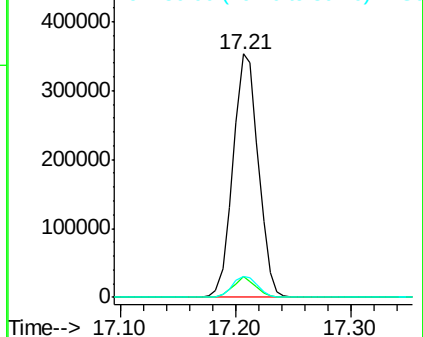
80 8.7 7.7 11.5



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: BG033981.D

Acq: 25 Apr 2018 9:23

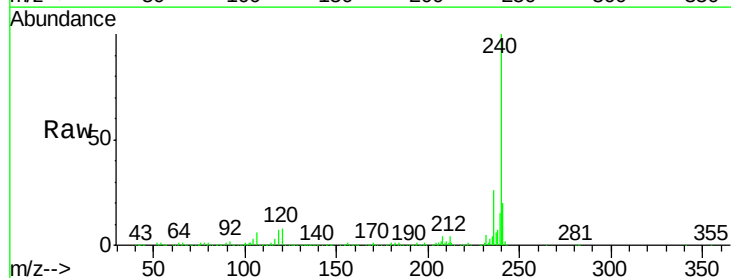
Tgt Ion:240 Resp: 615482

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

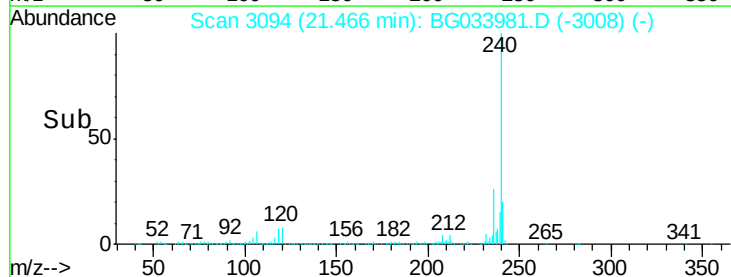
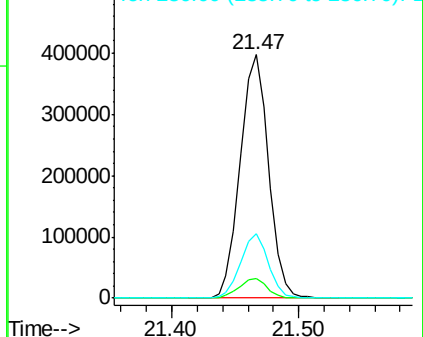
236 26.3 20.9 31.3

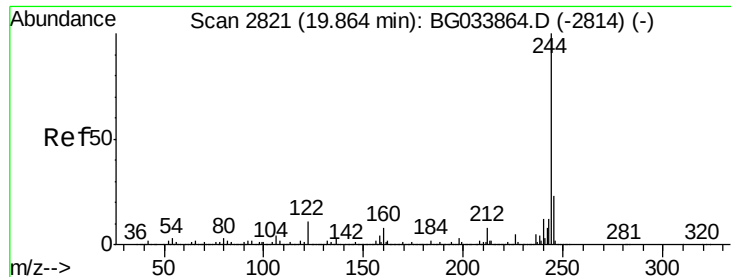


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.422 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033981.D

Acq: 25 Apr 2018 9:23

Instrument :

BNA_G

ClientSampleId :

TP-2

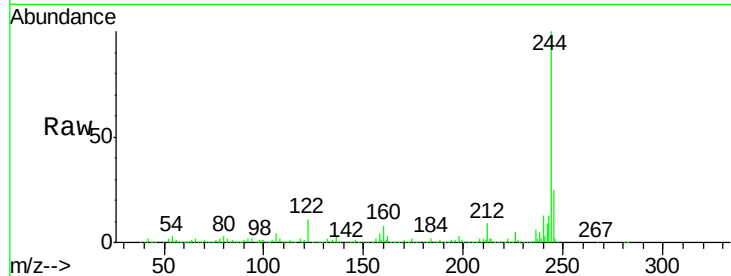
Tot Ion:244 Resp: 2449809

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

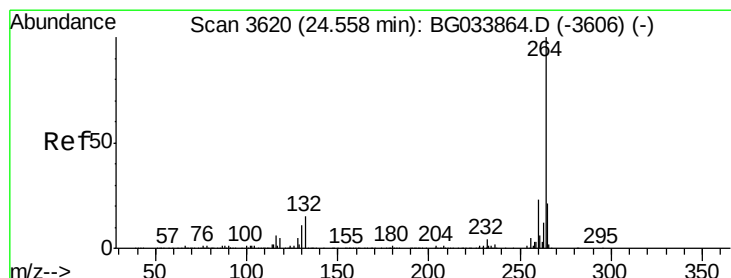
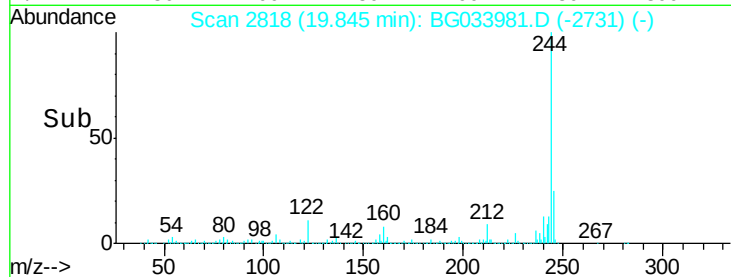
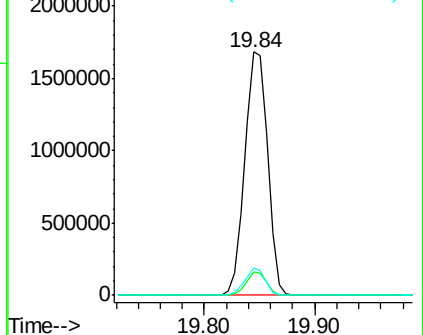
122 11.1 7.0 10.4#



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: 24.53 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG033981.D

Acq: 25 Apr 2018 9:23

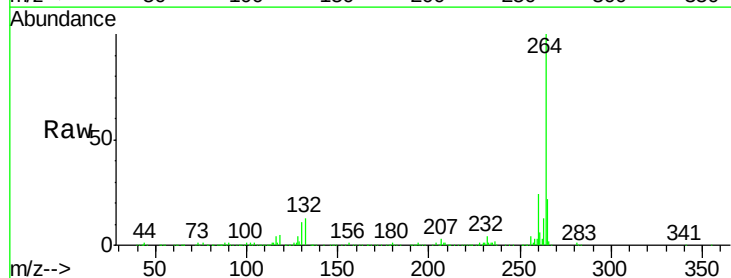
Tgt Ion:264 Resp: 610837

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.4 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

