

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033963.D
 Acq On : 24 Apr 2018 20:42
 Operator : SJ/JU
 Sample : J2512-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-12

Quant Time: Apr 25 00:35:00 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

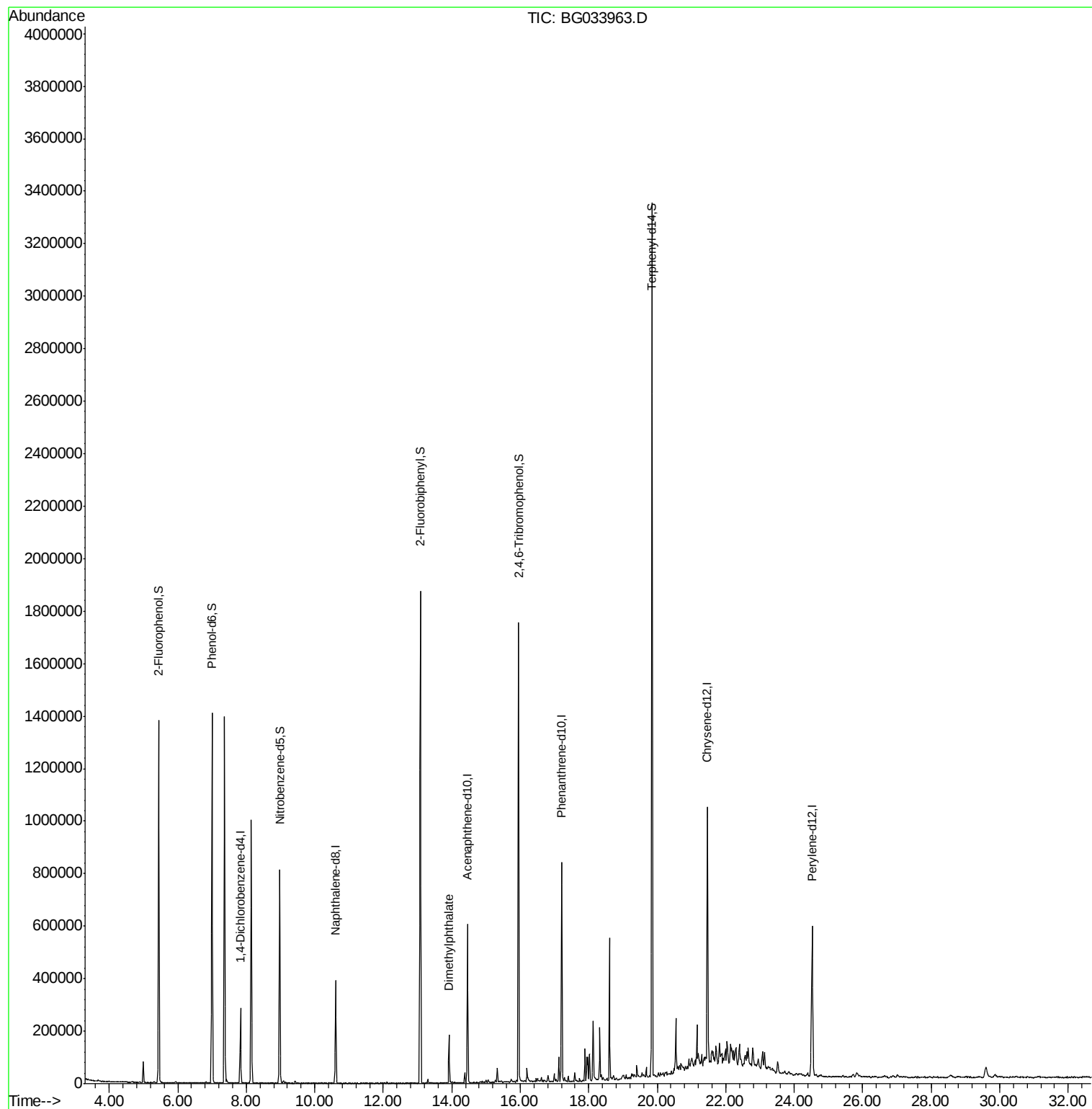
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	79887	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	331064	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	208401	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	514246	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	563073	20.00	ng	-0.03
86) Perylene-d12	24.52	264	581550	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	606572	121.22	ng	0.00
7) Phenol-d6	7.00	99	786028	107.70	ng	0.00
23) Nitrobenzene-d5	8.98	82	481383	82.75	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	320623	131.87	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	999263	70.44	ng	-0.02
78) Terphenyl-d14	19.85	244	1525153	60.85	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	13.92	163	121839	6.646	ng	98

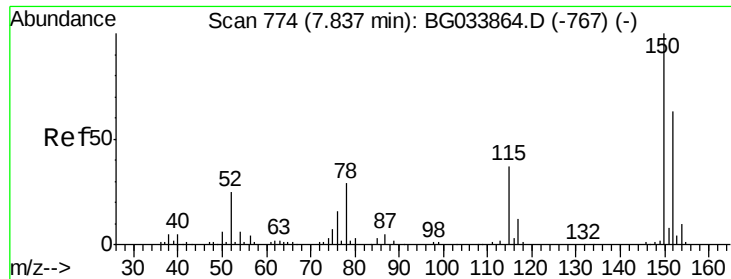
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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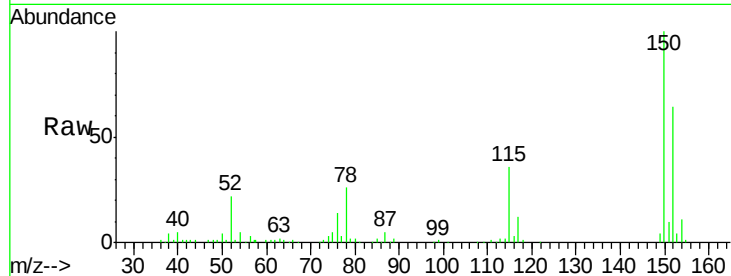


#1

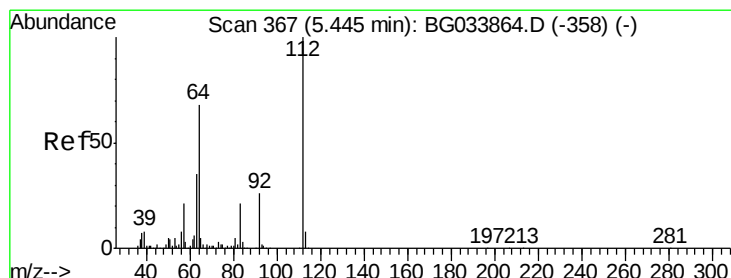
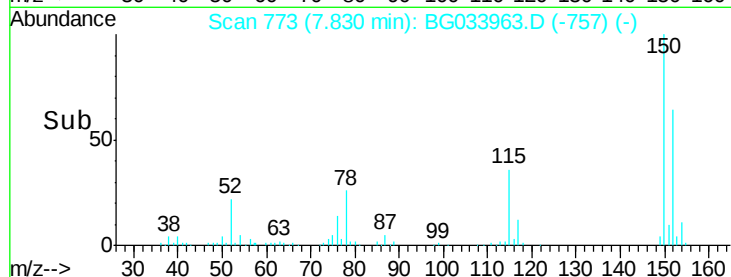
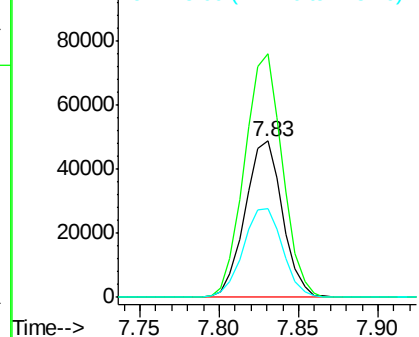
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Instrument :
BNA_G
ClientSampleId :
TP-2-12

Tot Ion:152 Resp: 79887
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 56.7 53.0 79.4



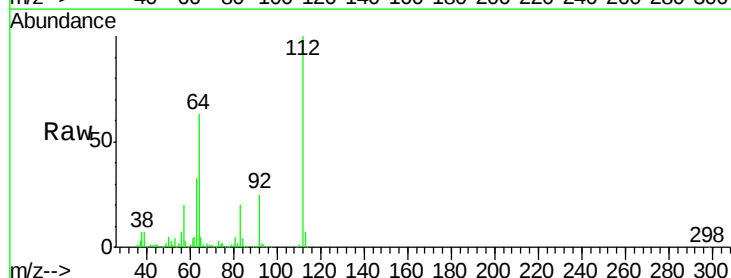
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



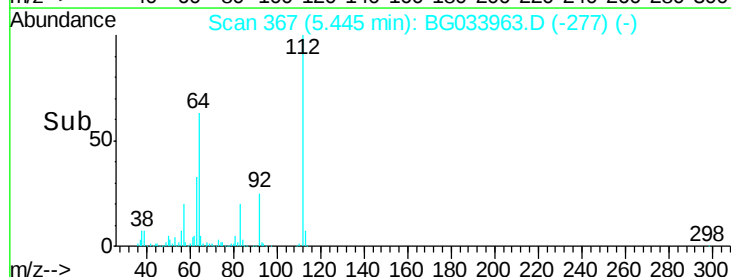
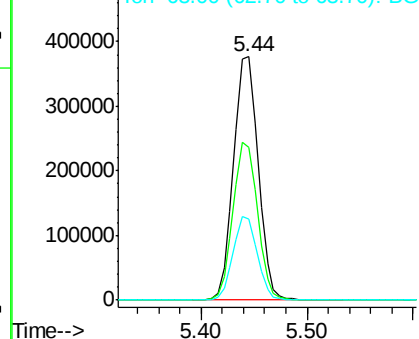
#5

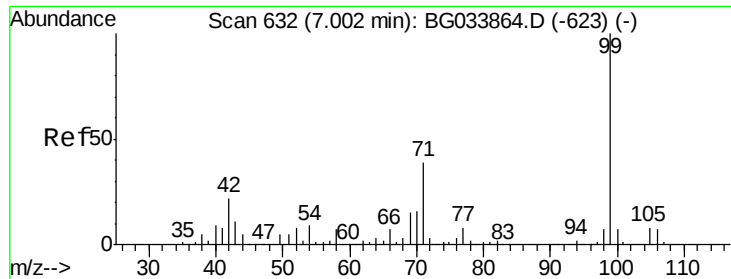
2-Fluorophenol
Concen: 121.223 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033963.D
Acq: 24 Apr 2018 20:42

Tgt Ion:112 Resp: 606572
Ion Ratio Lower Upper
112 100
64 62.7 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.700 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TP-2-12

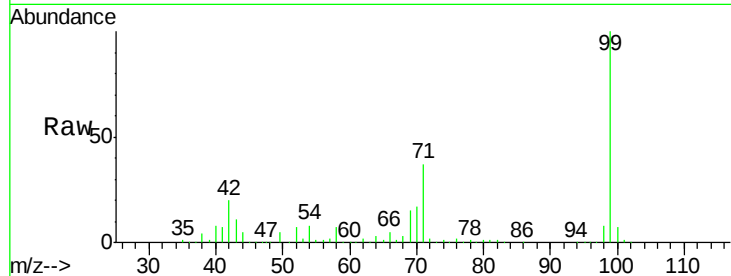
Tot Ion: 99 Resp: 786028

Ion Ratio Lower Upper

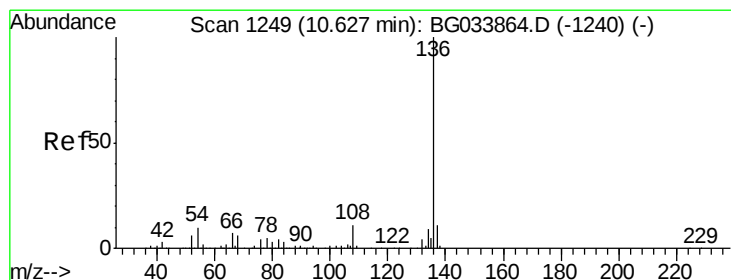
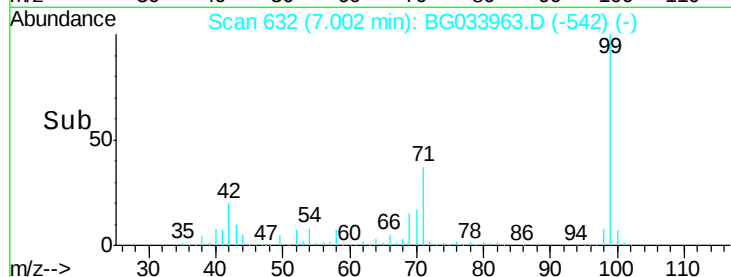
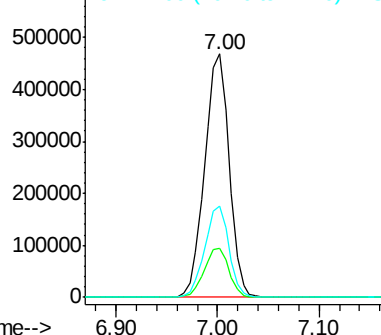
99 100

42 20.2 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# 1246

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Tgt Ion: 136 Resp: 331064

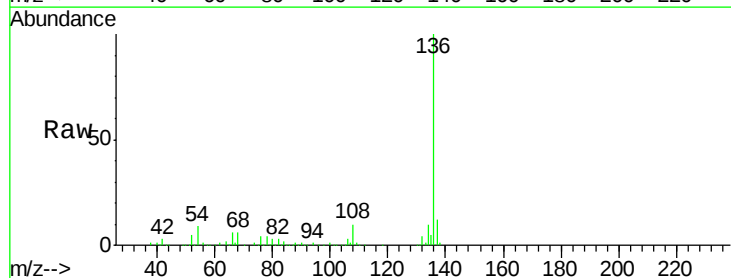
Ion Ratio Lower Upper

136 100

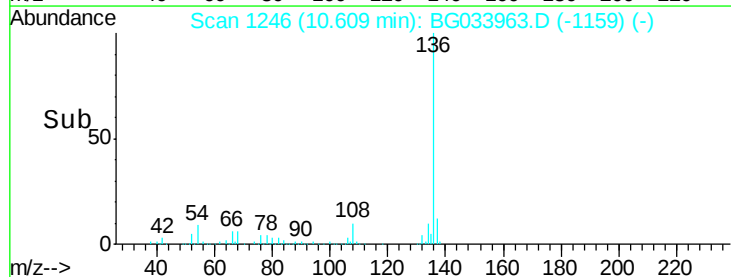
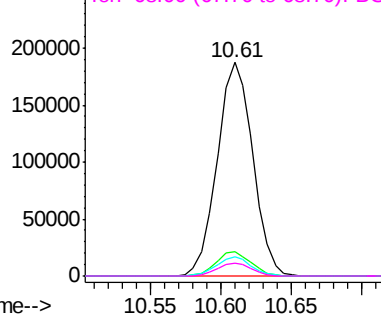
137 11.6 9.2 13.8

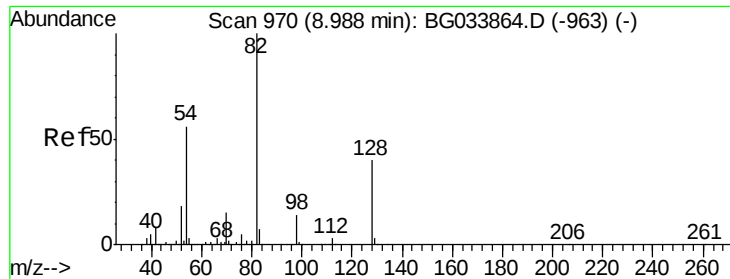
54 8.8 10.3 15.5#

68 6.0 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

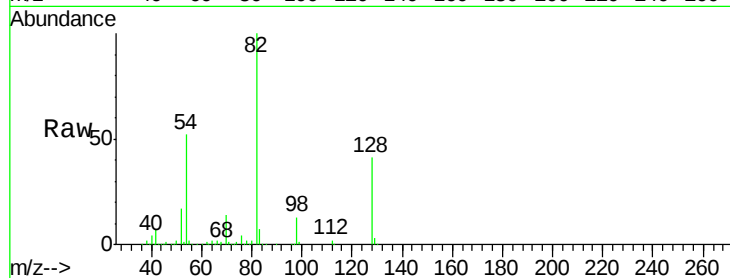




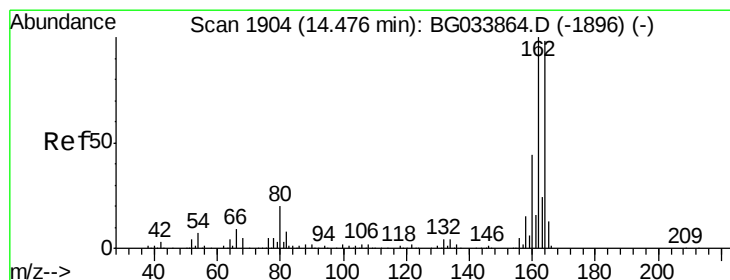
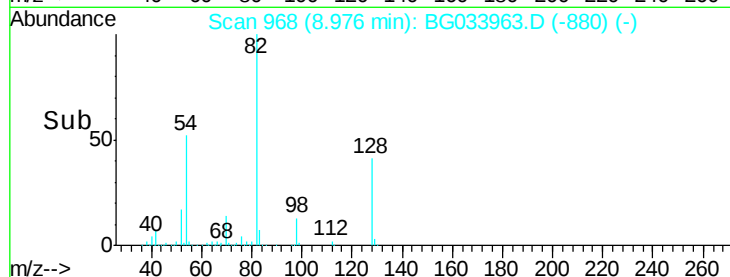
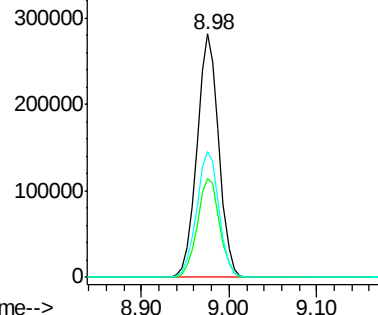
#23
 Nitrobenzene-d5
 Concen: 82.749 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Instrument :
 BNA_G
 ClientSampled :
 TP-2-12

Tot Ion	82	Resp	481383
Ion Ratio	Lower	Upper	
82	100		
128	40.6	29.7	44.5
54	51.7	43.1	64.7

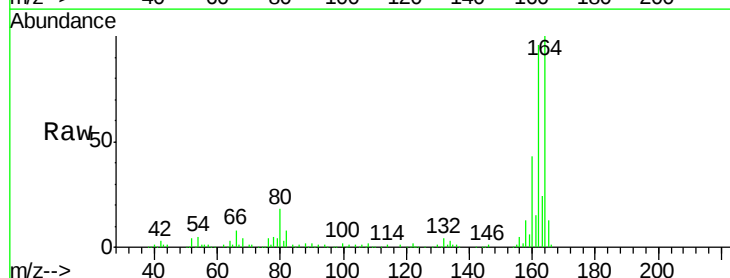


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

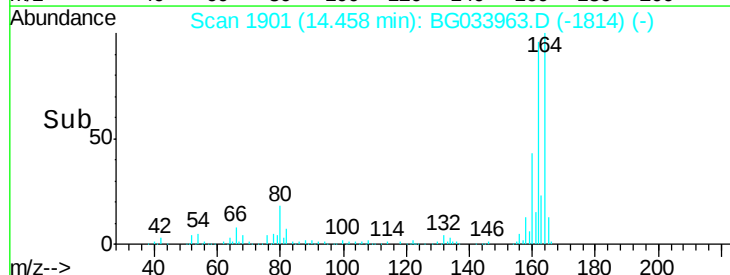
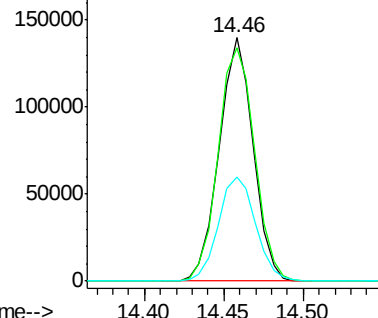


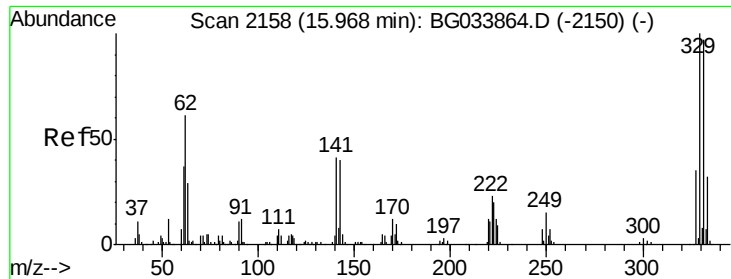
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Tgt Ion	164	Resp	208401
Ion Ratio	Lower	Upper	
164	100		
162	95.9	78.8	118.2
160	43.0	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

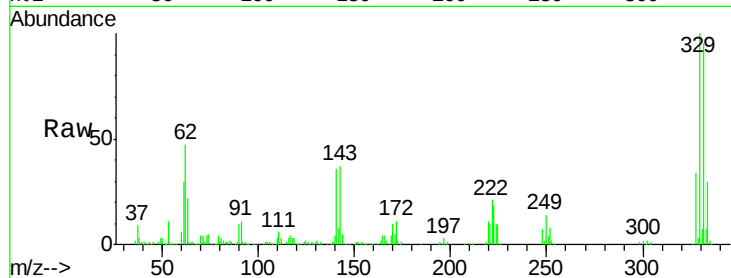




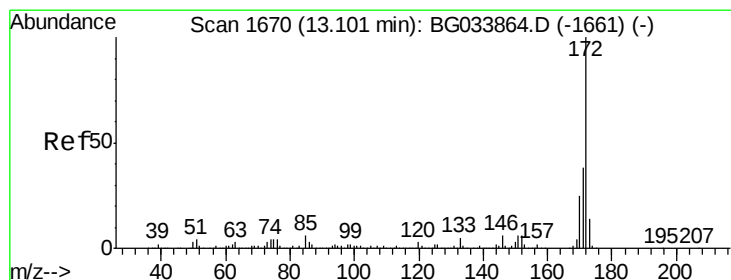
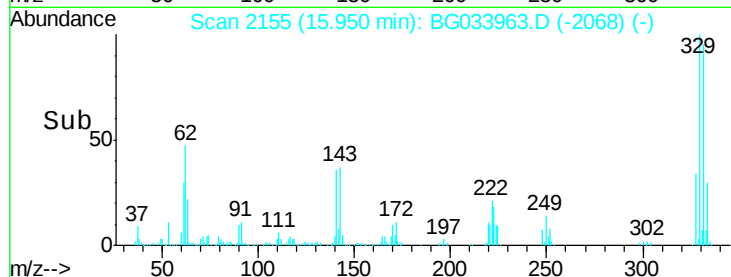
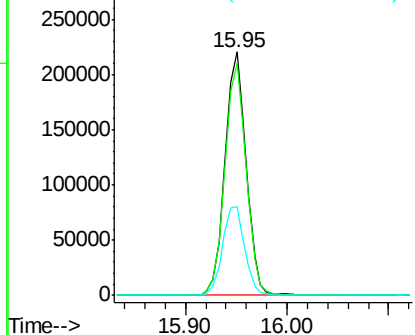
#41
 2,4,6-Tribromophenol
 Concen: 131.871 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	38.1	25.2	37.8#

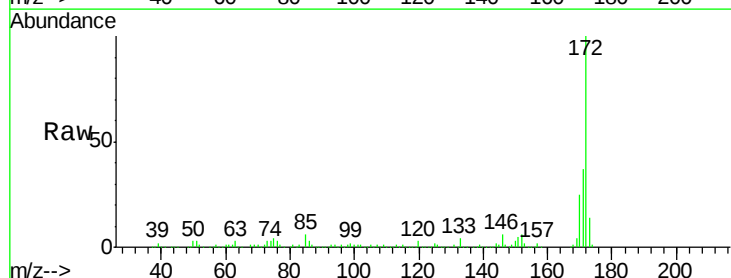


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

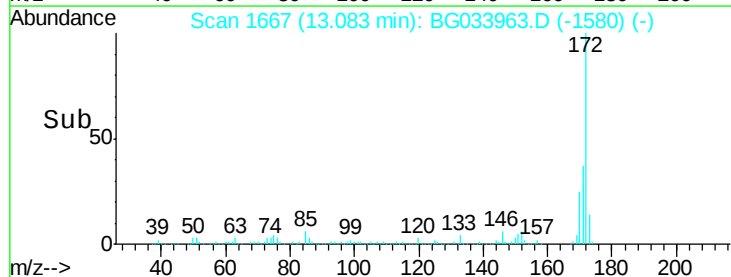
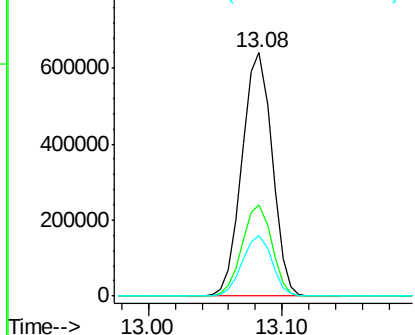


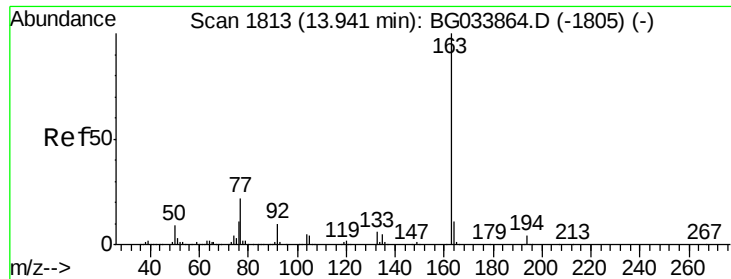
#44
 2-Fluorobiphenyl
 Concen: 70.438 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033963.D
 Acq: 24 Apr 2018 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.9	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





#49

Dimethylphthalate

Concen: 6.646 ng

RT: 13.92 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TP-2-12

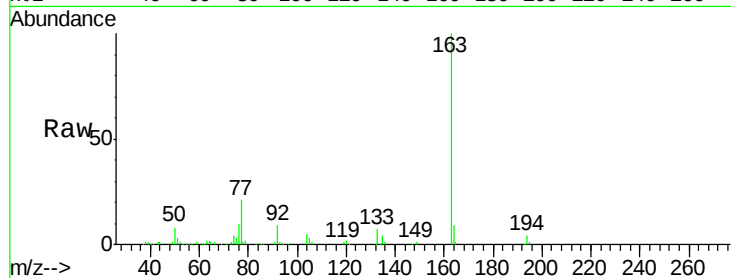
Tot Ion:163 Resp: 121839

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

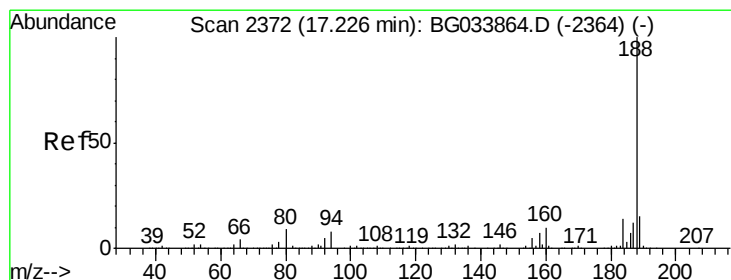
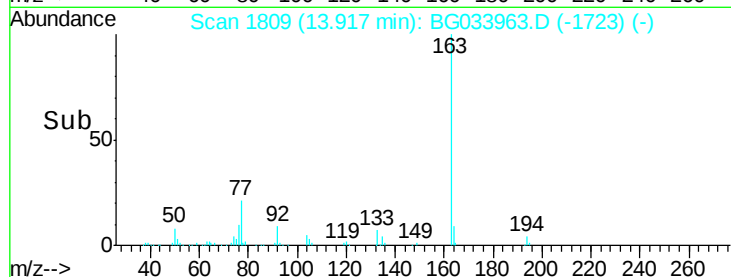
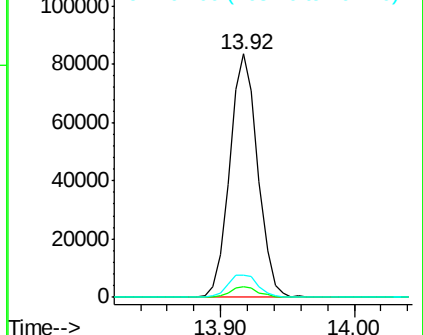
164 9.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

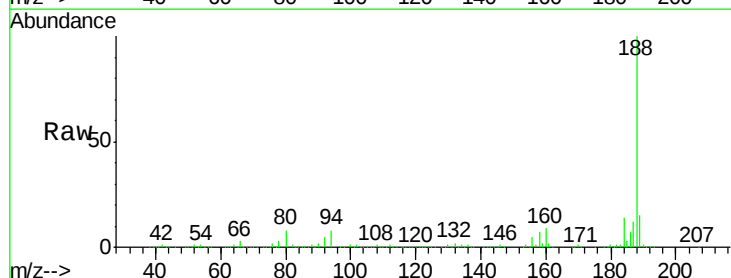
Tgt Ion:188 Resp: 514246

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

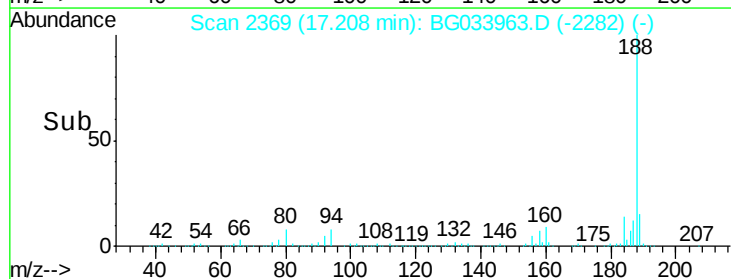
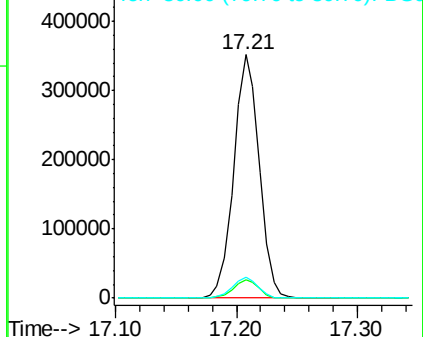
80 8.5 7.7 11.5

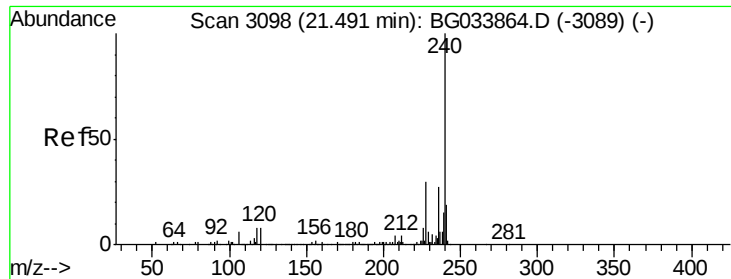


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TP-2-12

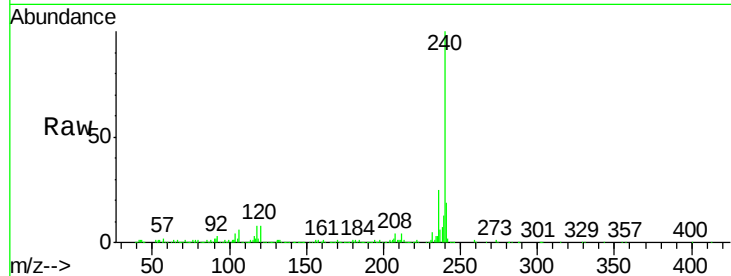
Tot Ion:240 Resp: 563073

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

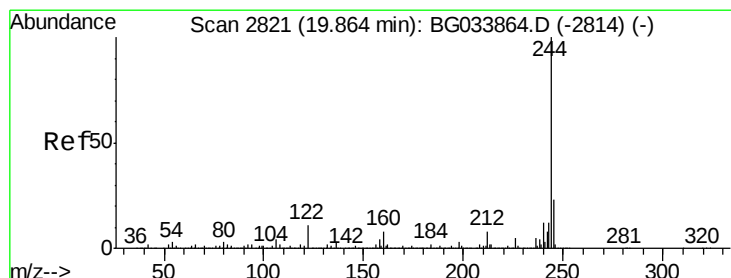
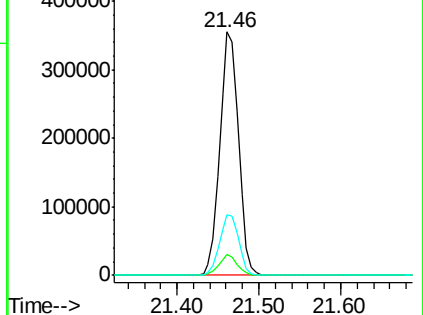
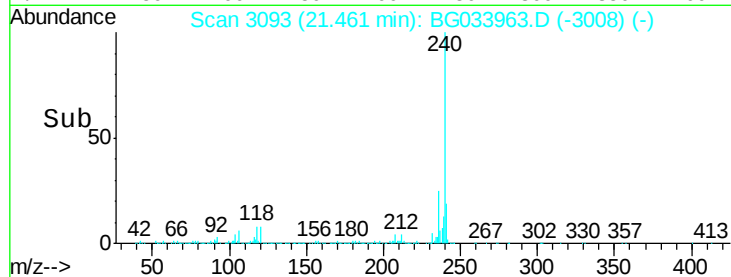
236 25.1 20.9 31.3



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: 60.852 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

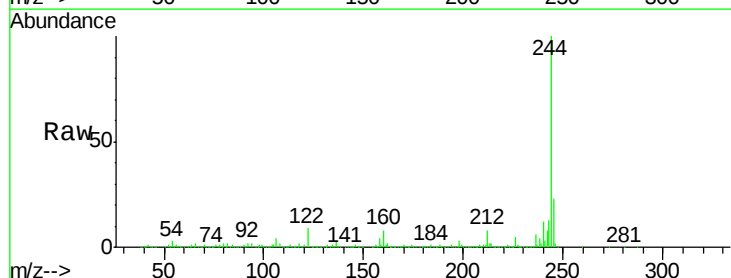
Tgt Ion:244 Resp: 1525153

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

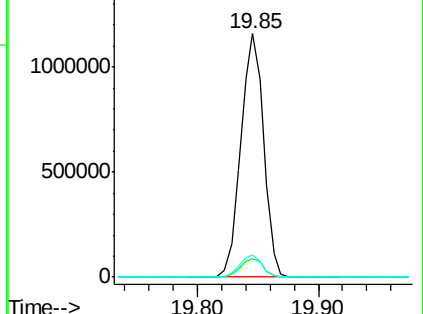
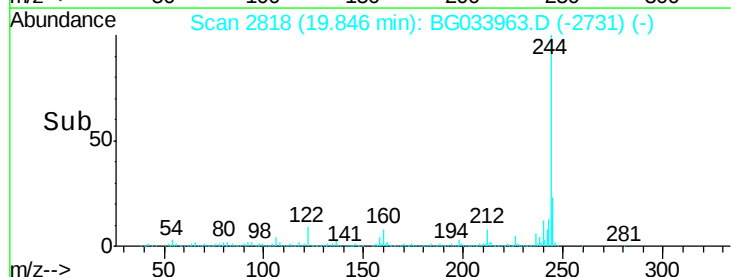
122 9.2 7.0 10.4

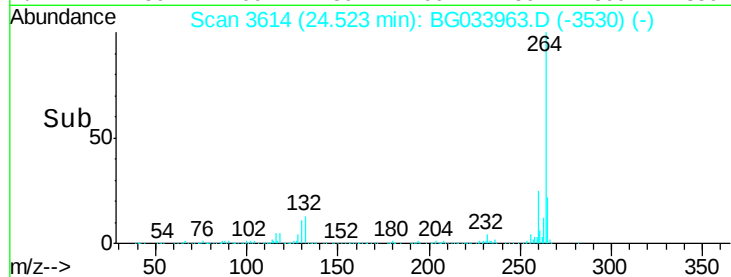
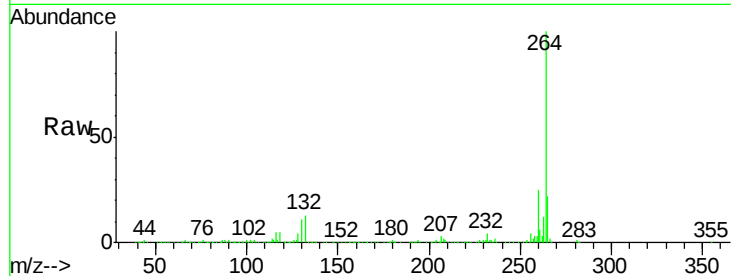
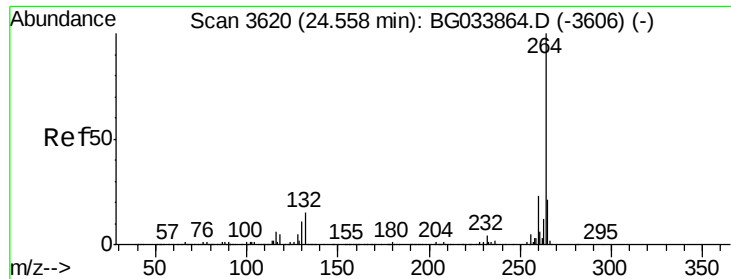


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033963.D

Acq: 24 Apr 2018 20:42

Instrument :

BNA_G

ClientSampleId :

TP-2-12

Tot Ion:264 Resp: 581550

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 22.4 17.7 26.5

