

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033878.D
 Acq On : 19 Apr 2018 20:58
 Operator : SJ/JU
 Sample : J2427-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-2

Quant Time: Apr 20 04:30:08 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

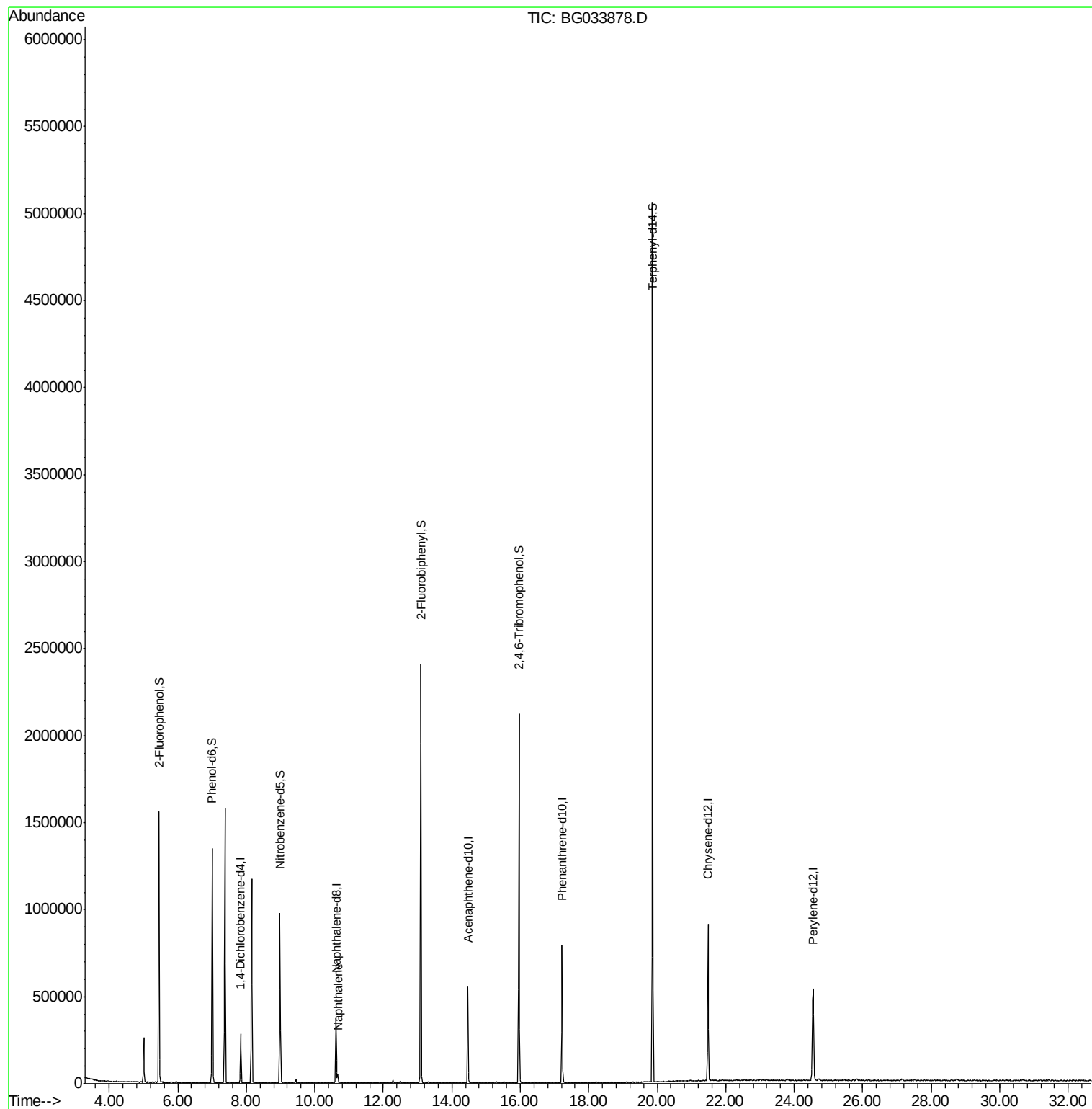
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	76287	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	309250	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	188012	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	484849	20.00	ng	0.00
75) Chrysene-d12	21.48	240	531233	20.00	ng	-0.01
86) Perylene-d12	24.55	264	530071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	633019	132.48	ng	0.00
7) Phenol-d6	7.01	99	740260	106.22	ng	0.00
23) Nitrobenzene-d5	8.99	82	563540	103.71	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	356549	162.55	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1256258	98.16	ng	0.00
78) Terphenyl-d14	19.86	244	2238045	94.65	ng	0.00
Target Compounds						
9) Benzaldehyde	7.00	77	1861	Below Cal	Qvalue # 19	
31) Naphthalene	10.67	128	41924	2.636 ng	97	

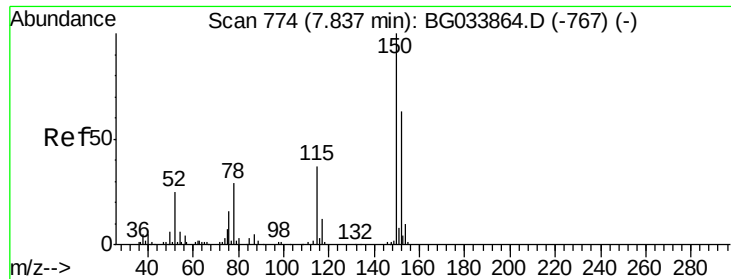
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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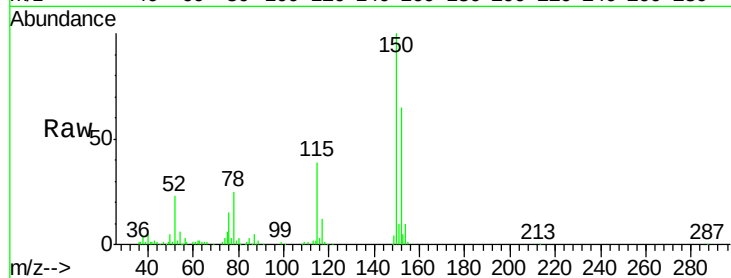


#1

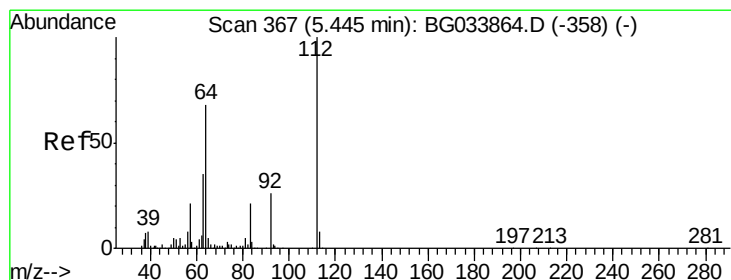
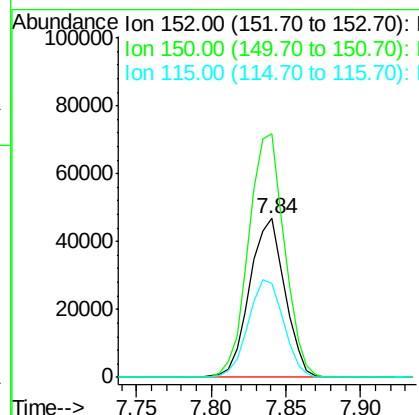
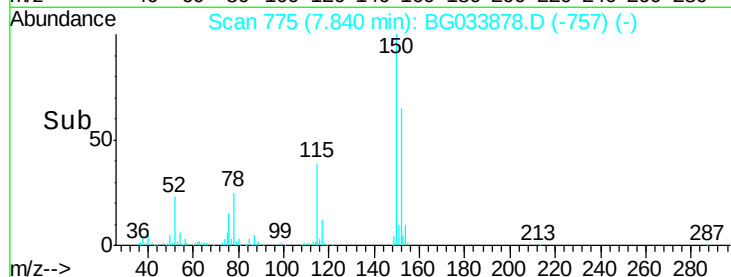
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.00 min
Lab File: BG033878.D
Acq: 19 Apr 2018 20:58

Instrument :
BNA_G
ClientSampleId :
T-2

Tot Ion	152	Resp	76287
Ion Ratio	Lower	Upper	
152	100		
150	153.6	126.6	189.8
115	59.6	53.0	79.4



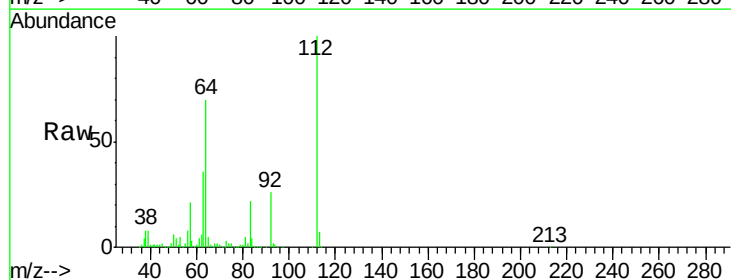
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



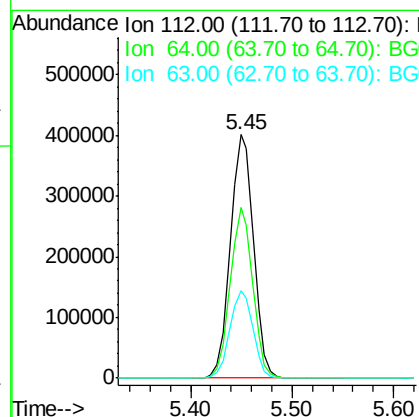
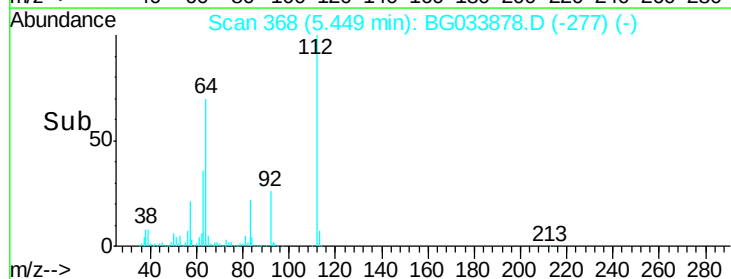
#5

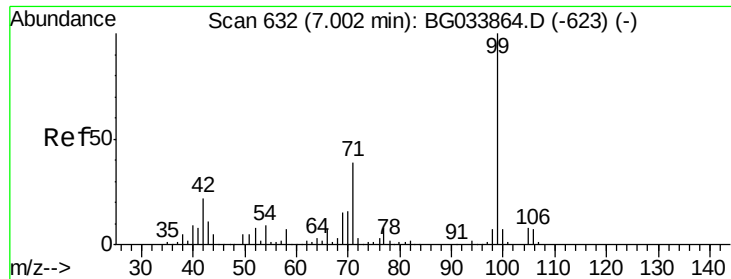
2-Fluorophenol
Concen: 132.478 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033878.D
Acq: 19 Apr 2018 20:58

Tgt Ion	112	Resp	633019
Ion Ratio	Lower	Upper	
112	100		
64	69.9	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: 106.215 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033878.D

Acq: 19 Apr 2018 20:58

Instrument :

BNA_G

ClientSampleId :

T-2

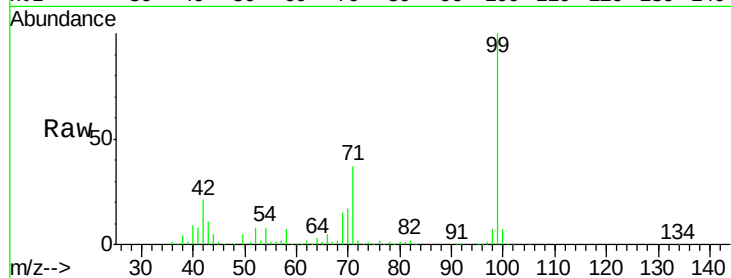
Tot Ion: 99 Resp: 740260

Ion Ratio Lower Upper

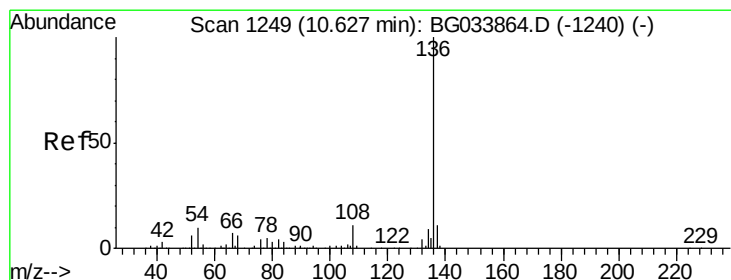
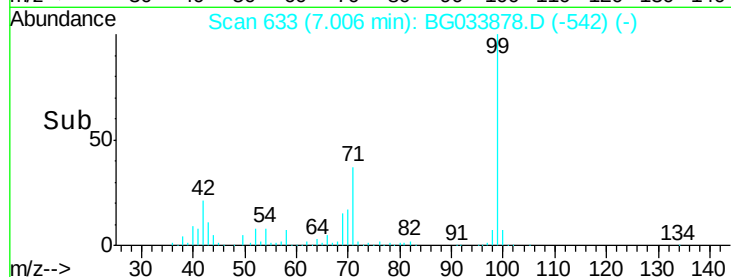
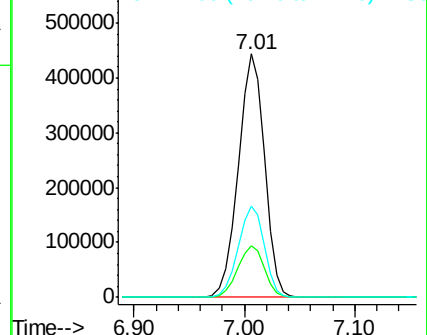
99 100

42 21.1 14.1 21.1

71 37.5 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: BG033878.D

Acq: 19 Apr 2018 20:58

Tgt Ion: 136 Resp: 309250

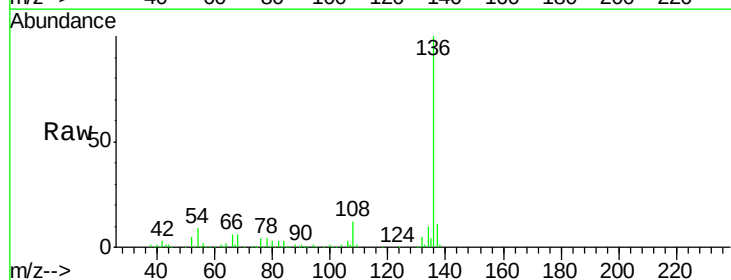
Ion Ratio Lower Upper

136 100

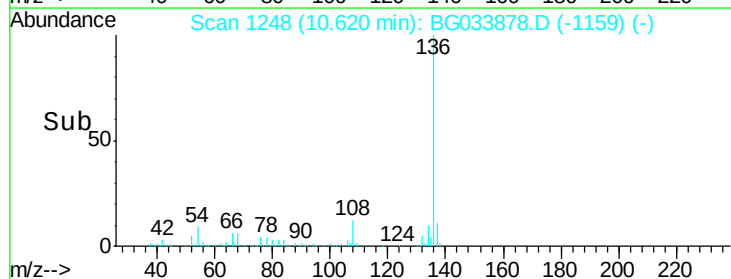
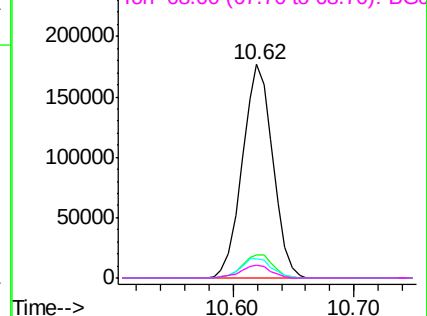
137 11.0 9.2 13.8

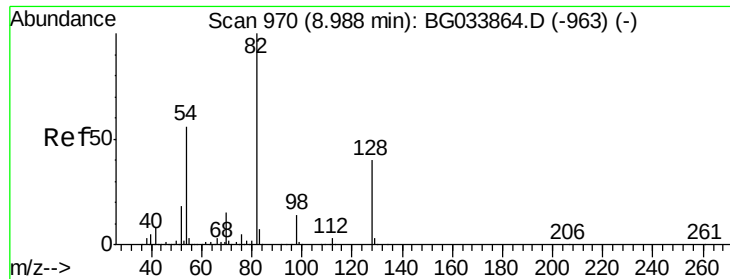
54 9.1 10.3 15.5#

68 6.2 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

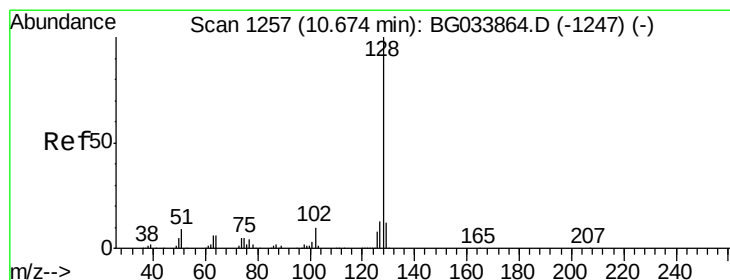
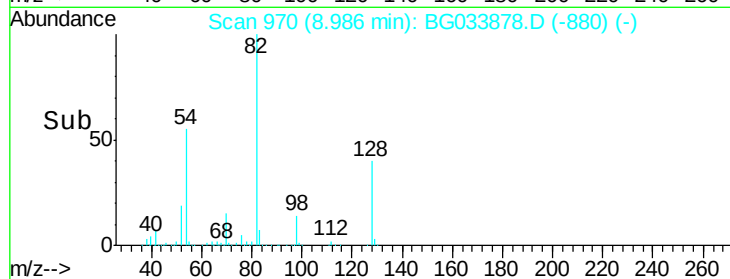
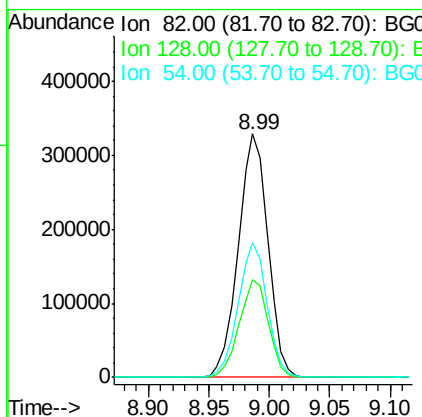
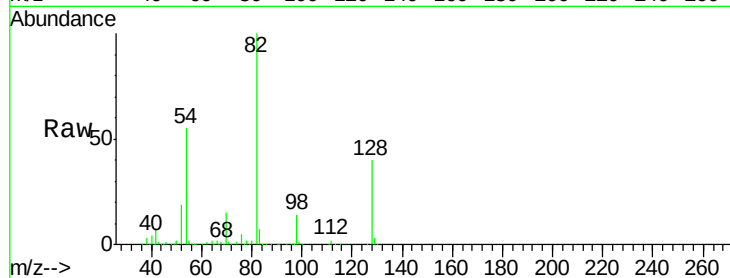




#23
 Nitrobenzene-d5
 Concen: 103.705 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033878.D
 Acq: 19 Apr 2018 20:58

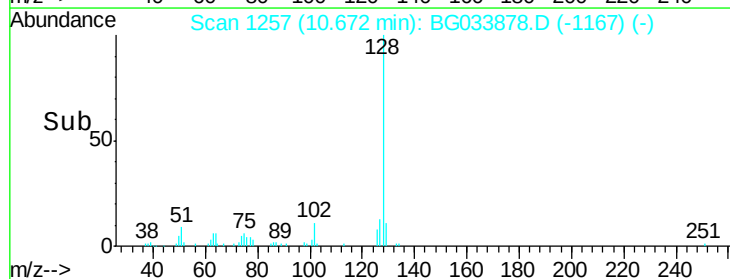
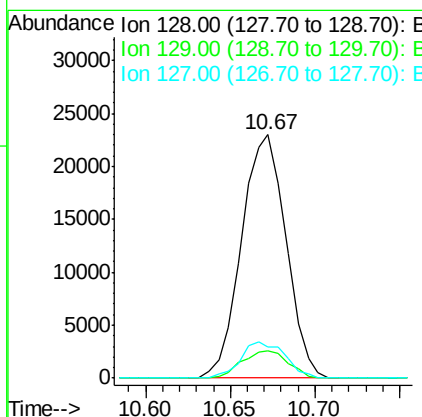
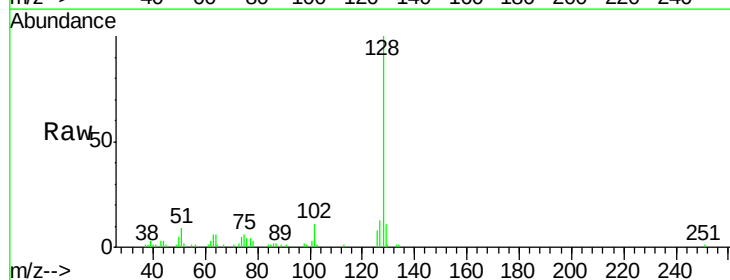
Instrument :
 BNA_G
 ClientSampled :
 T-2

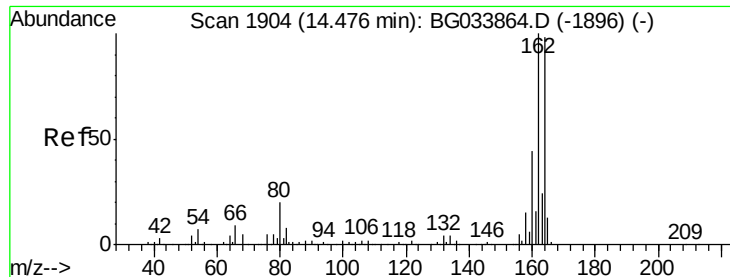
Tot Ion	82	Resp	563540
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.7	44.5
54	55.2	43.1	64.7



#31
 Naphthalene
 Concen: 2.636 ng
 RT: 10.67 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG033878.D
 Acq: 19 Apr 2018 20:58

Tgt Ion	128	Resp	41924
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	12.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG033878.D

Acq: 19 Apr 2018 20:58

Instrument :

BNA_G

ClientSampleId :

T-2

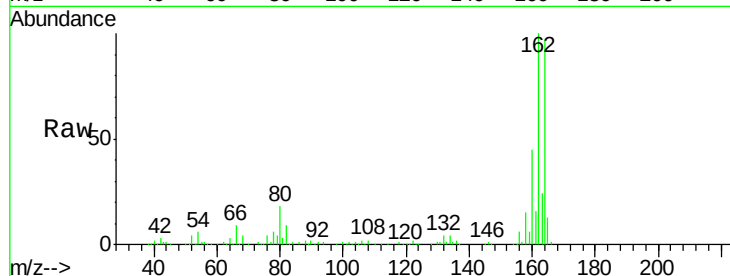
Tot Ion:164 Resp: 188012

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

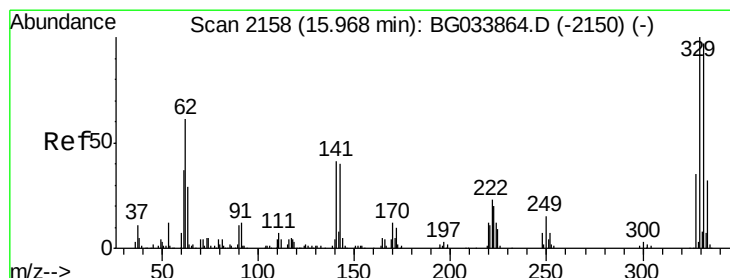
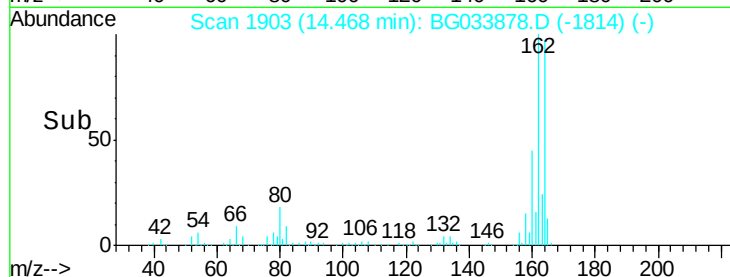
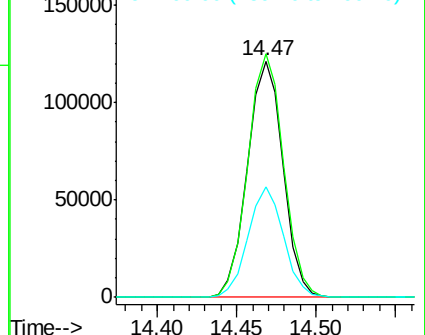
160 46.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 162.551 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG033878.D

Acq: 19 Apr 2018 20:58

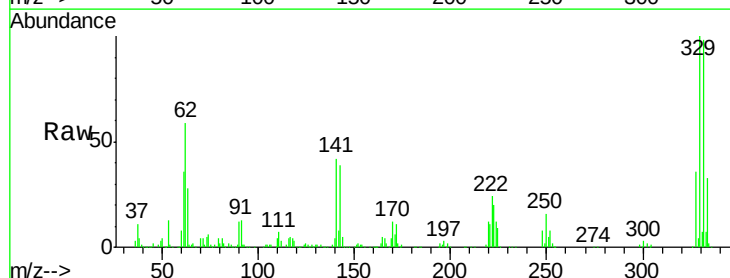
Tgt Ion:330 Resp: 356549

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

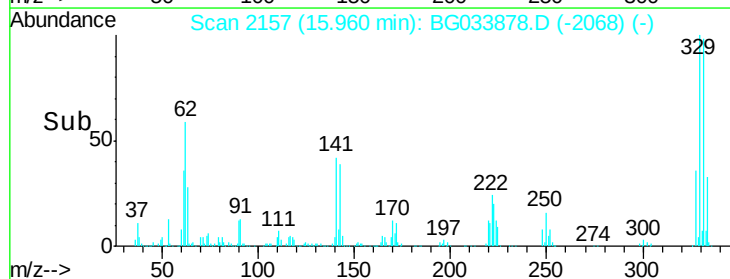
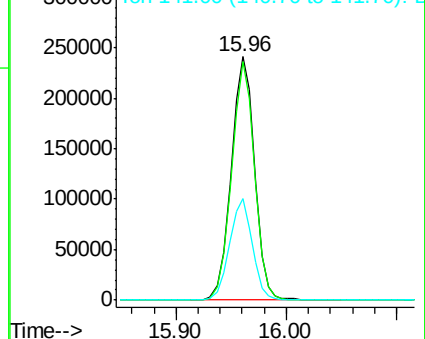
141 40.9 25.2 37.8#

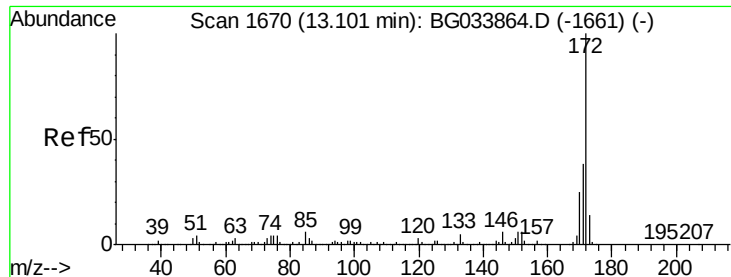


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



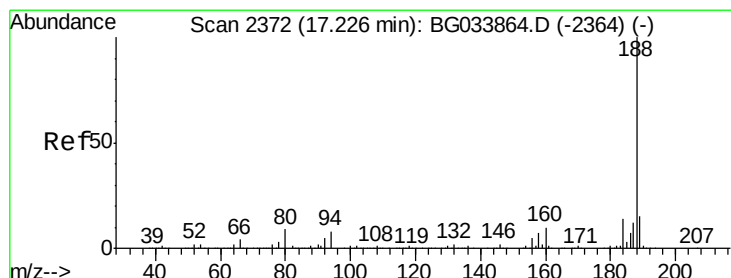
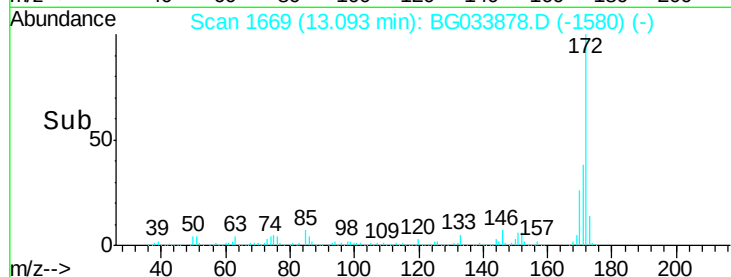
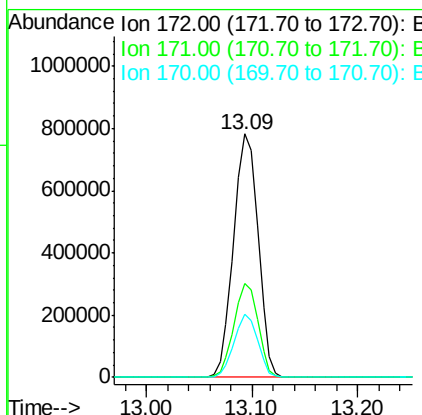
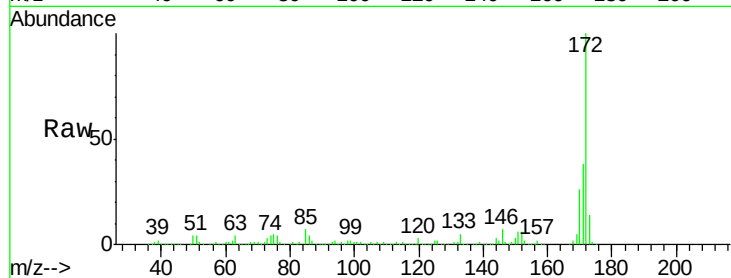


#44
 2-Fluorobiphenyl
 Concen: 98.157 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033878.D
 Acq: 19 Apr 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 T-2

Tot Ion:172 Resp: 1256258

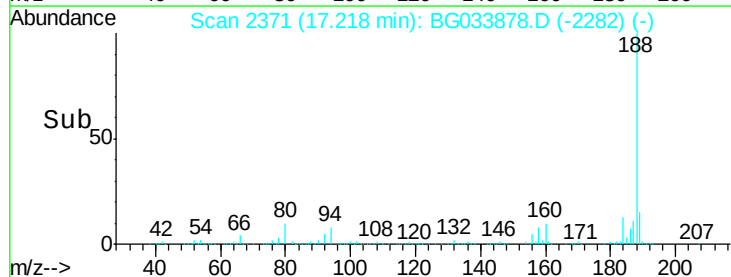
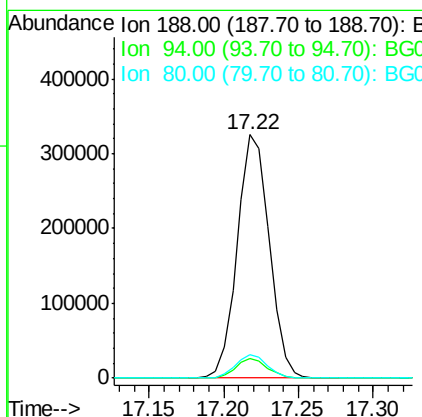
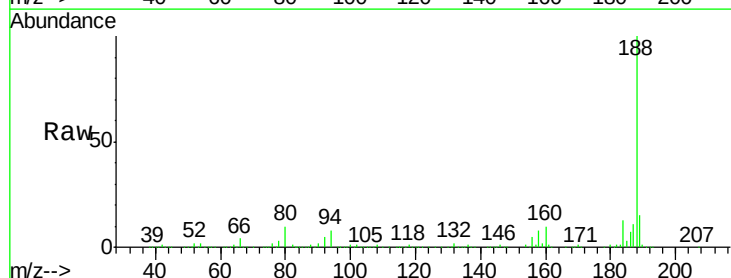
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	25.7	19.5	29.3

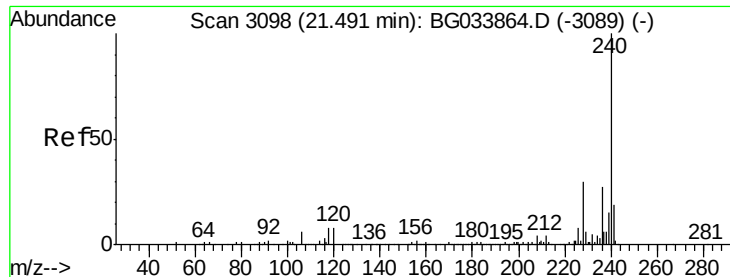


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BG033878.D
 Acq: 19 Apr 2018 20:58

Tgt Ion:188 Resp: 484849

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	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: BG033878.D

Acq: 19 Apr 2018 20:58

Instrument :

BNA_G

ClientSampleId :

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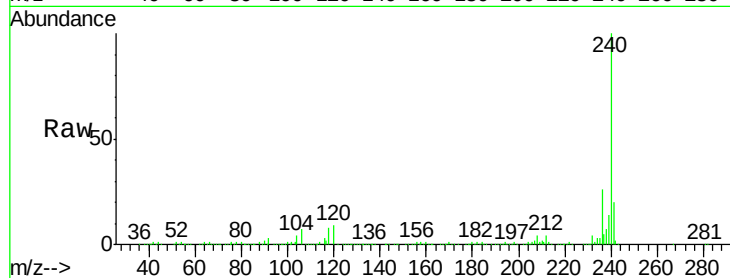
Tot Ion:240 Resp: 531233

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

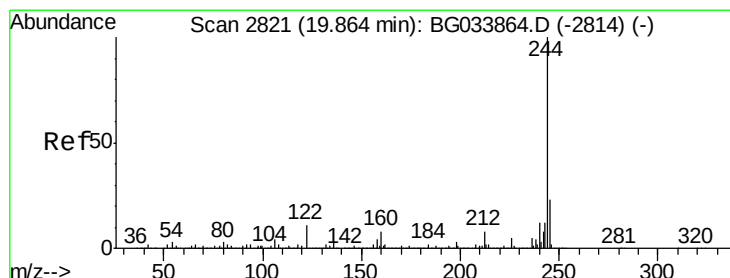
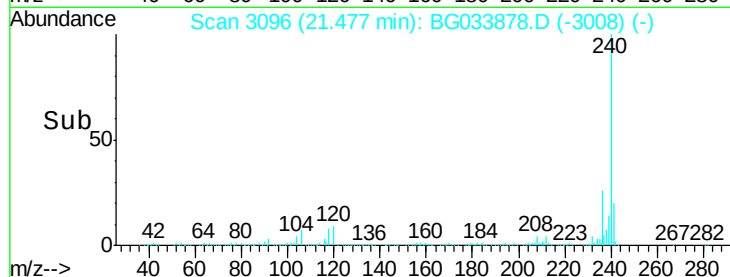
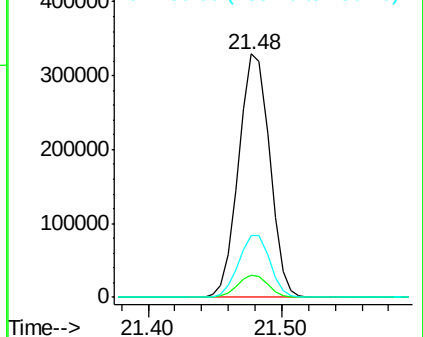
236 25.6 20.9 31.3



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: 94.648 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG033878.D

Acq: 19 Apr 2018 20:58

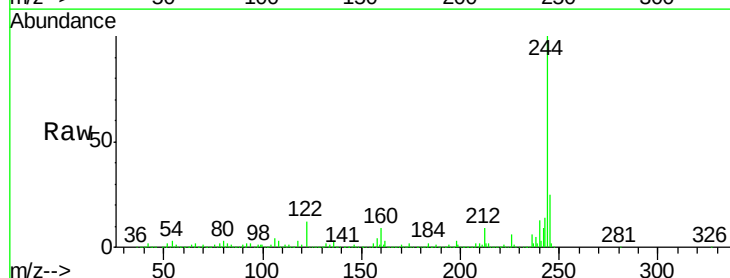
Tgt Ion:244 Resp: 2238045

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

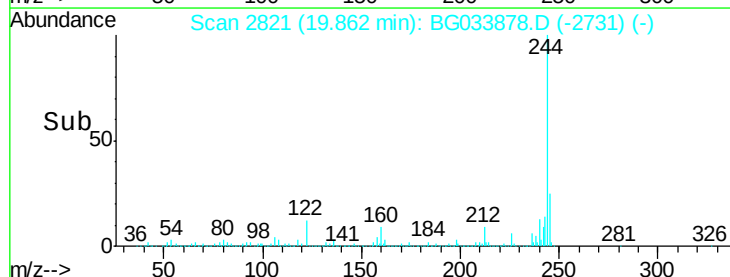
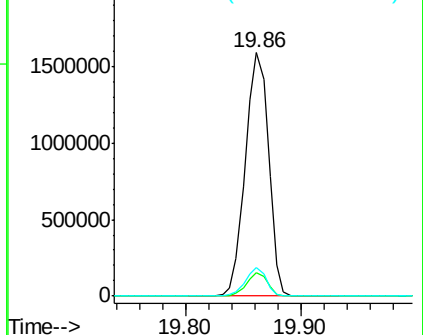
122 11.5 7.0 10.4#

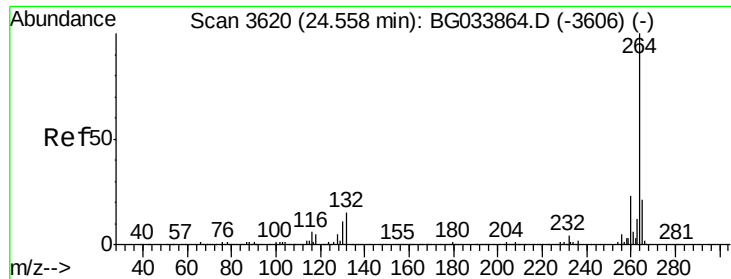


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.55 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG033878.D
Acq: 19 Apr 2018 20:58

Instrument :
BNA_G
ClientSampleId :
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Tot Ion: 264 Resp: 530071

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	17.7	26.5

