

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033871.D
 Acq On : 19 Apr 2018 16:34
 Operator : SJ/JU
 Sample : J2157-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-041818

Quant Time: Apr 20 03:58:47 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

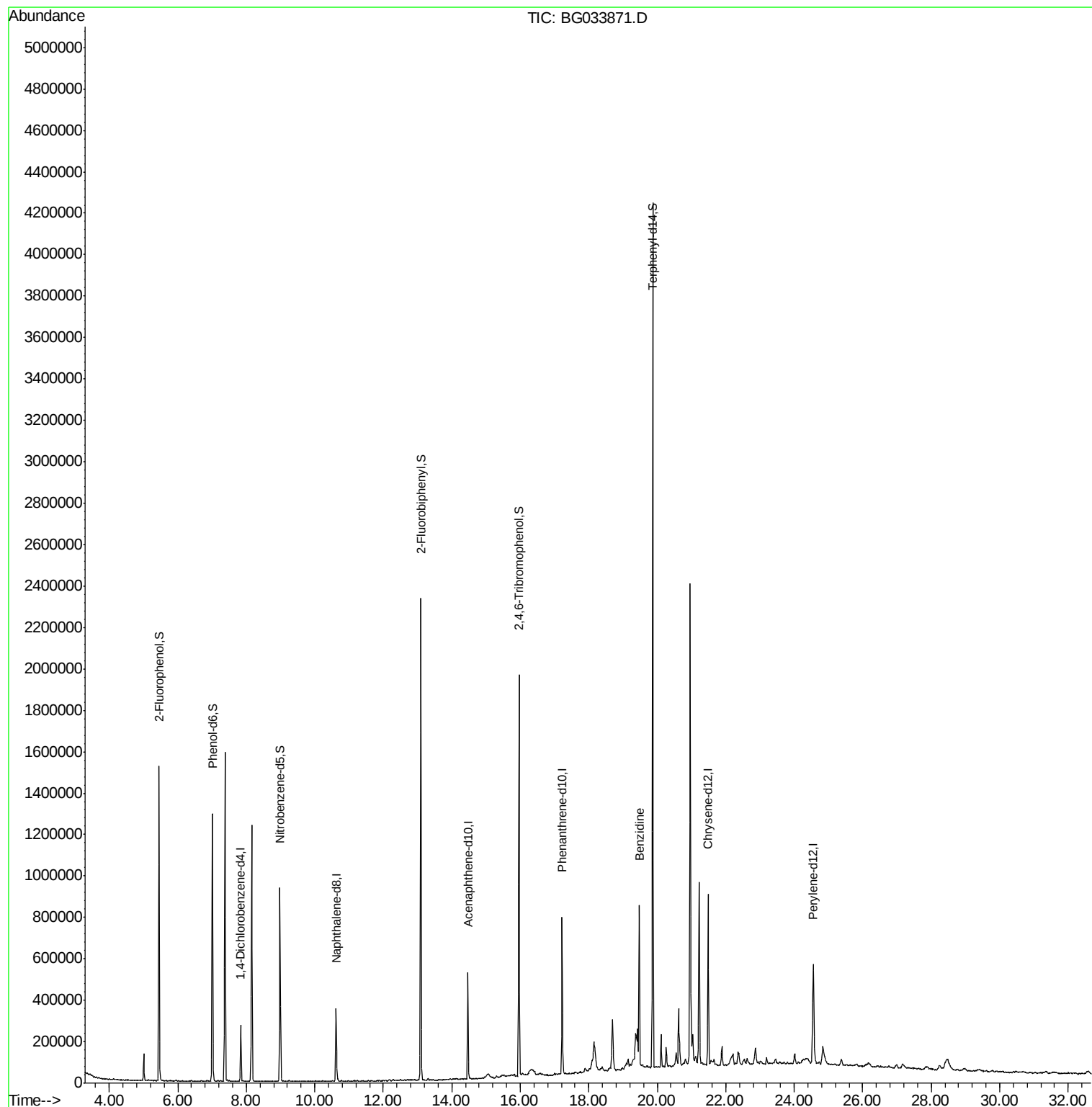
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	71709	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	296741	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	179215	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	445224	20.00	ng	0.00
75) Chrysene-d12	21.48	240	456077	20.00	ng	0.00
86) Perylene-d12	24.56	264	477556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	617160	137.40	ng	0.01
7) Phenol-d6	7.01	99	711516	108.61	ng	0.01
23) Nitrobenzene-d5	8.99	82	553564	106.16	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	331730	158.66	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	1216999	99.76	ng	0.00
78) Terphenyl-d14	19.87	244	1923005	94.73	ng	0.00
Target Compounds						
76) Benzidine	19.47	184	425010	34.509	ng	Qvalue 99

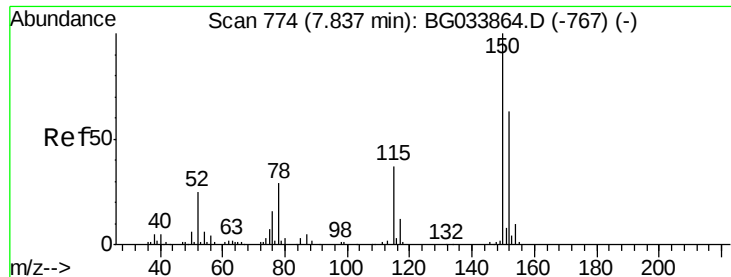
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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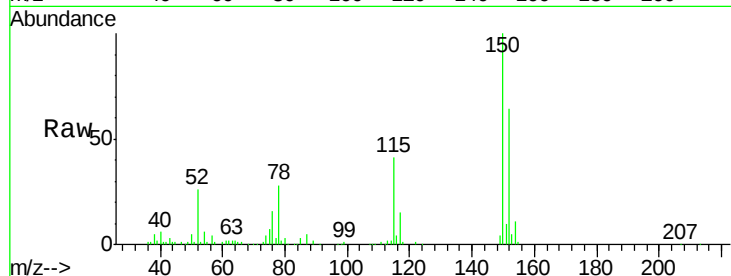


#1

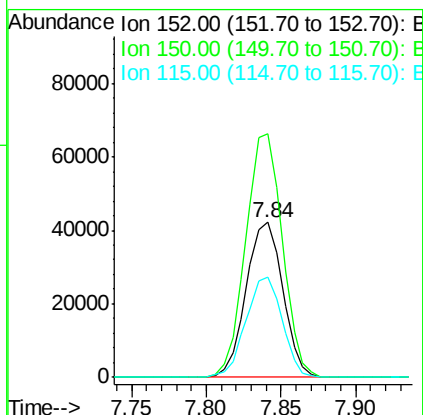
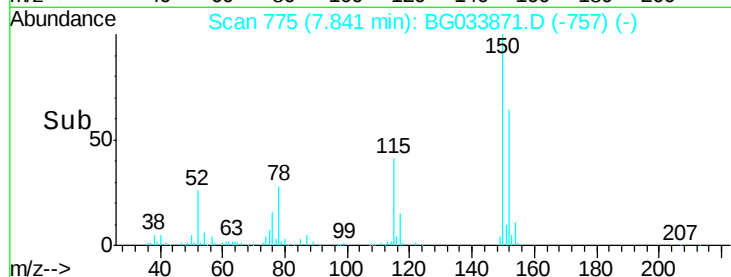
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :
CL-02-041818

Tot Ion:152 Resp: 71709
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 65.0 53.0 79.4



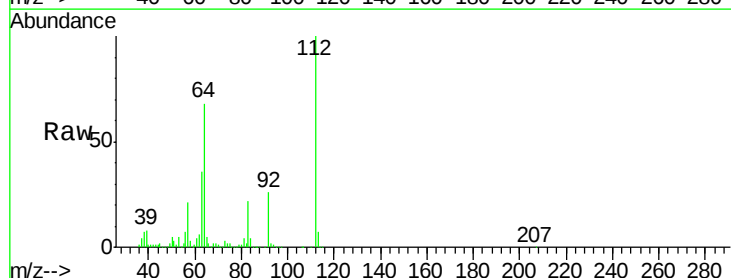
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



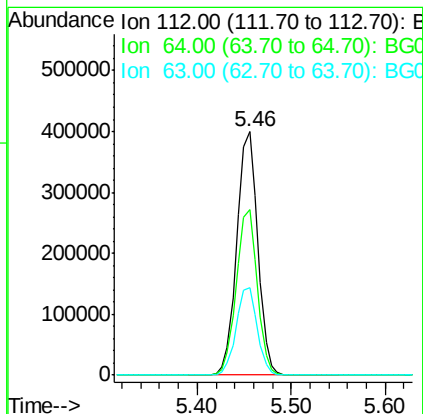
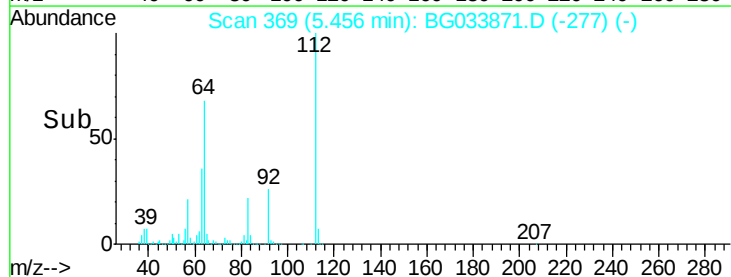
#5

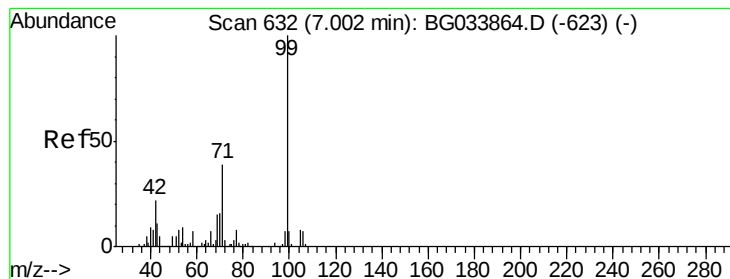
2-Fluorophenol
Concen: 137.405 ng
RT: 5.46 min Scan# 369
Delta R.T. 0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:112 Resp: 617160
Ion Ratio Lower Upper
112 100
64 67.8 56.3 84.5
63 35.7 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: 108.609 ng

RT: 7.01 min Scan# 634

Delta R.T. 0.01 min

Lab File: BG033871.D

Acq: 19 Apr 2018 16:34

Instrument :

BNA_G

ClientSampled :

CL-02-041818

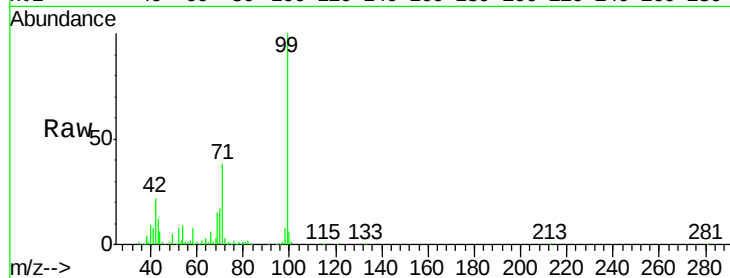
Tot Ion: 99 Resp: 711516

Ion Ratio Lower Upper

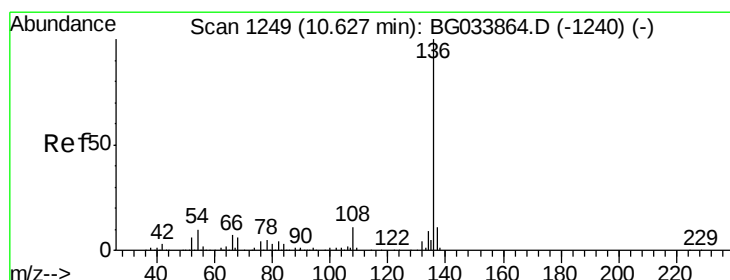
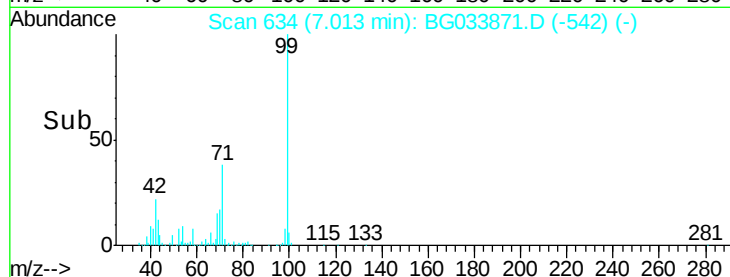
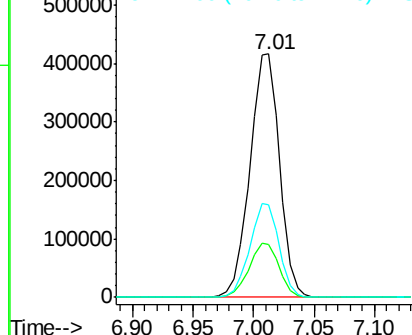
99 100

42 21.9 14.1 21.1#

71 37.9 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: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033871.D

Acq: 19 Apr 2018 16:34

Tgt Ion: 136 Resp: 296741

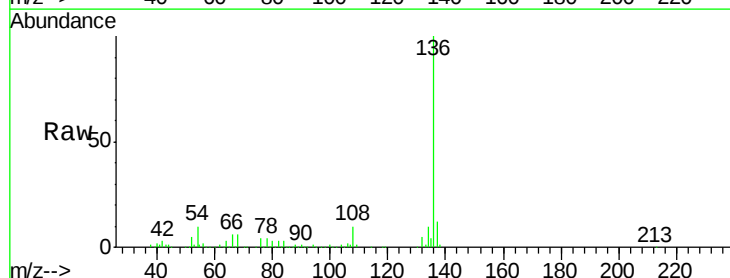
Ion Ratio Lower Upper

136 100

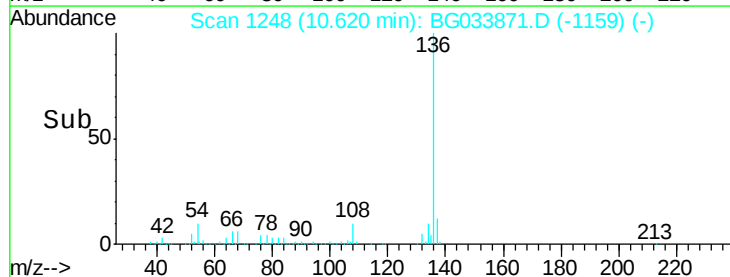
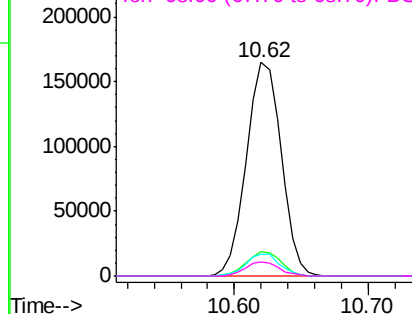
137 11.6 9.2 13.8

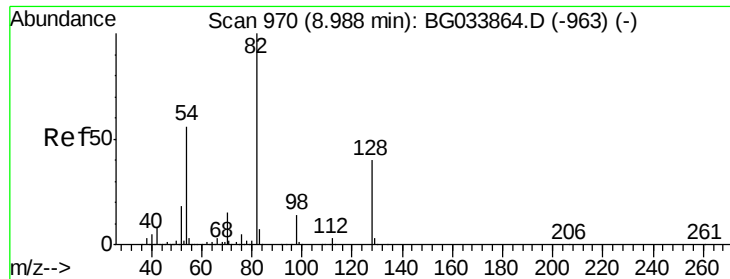
54 11.0 10.3 15.5

68 6.3 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

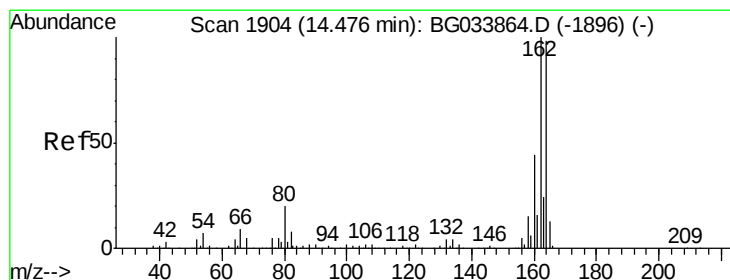
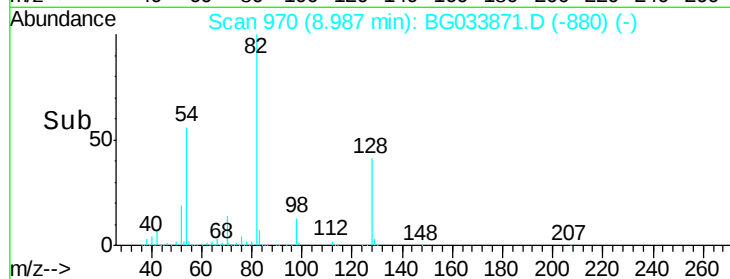
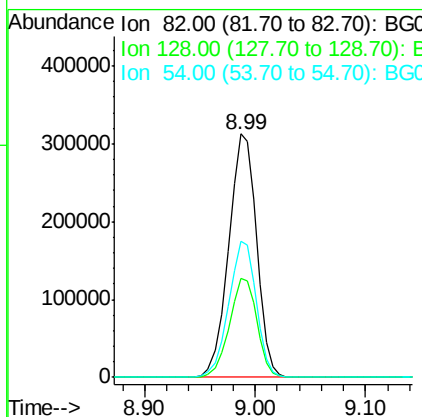
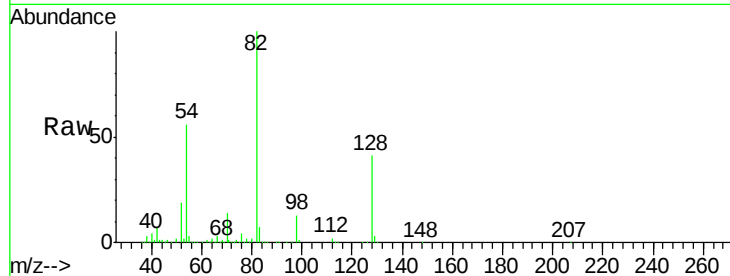




#23
 Nitrobenzene-d5
 Concen: 106.164 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033871.D
 Acq: 19 Apr 2018 16:34

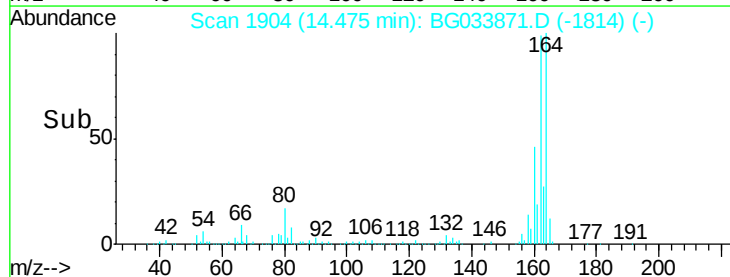
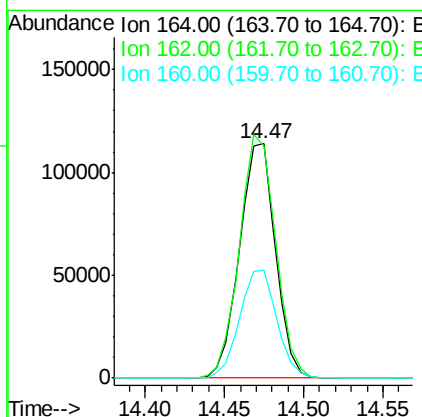
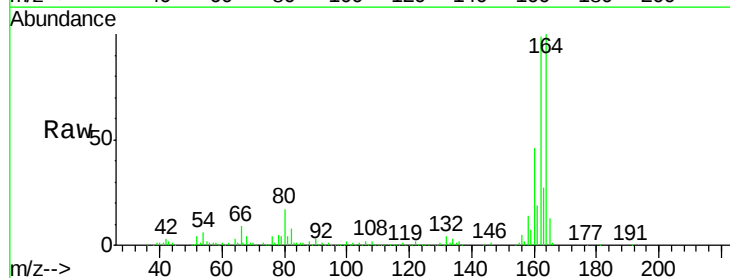
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-041818

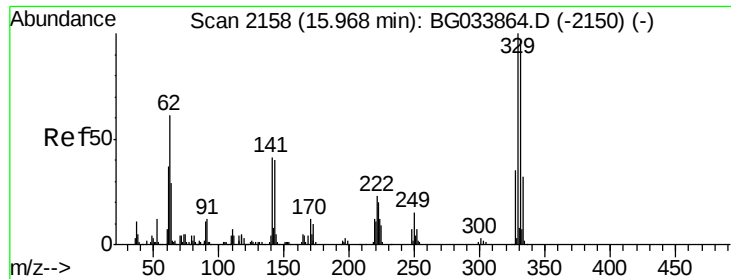
Tot Ion	82	Resp	553564
Ion Ratio	100	Lower	Upper
128	40.9	29.7	44.5
54	55.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG033871.D
 Acq: 19 Apr 2018 16:34

Tgt Ion	164	Resp	179215
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	98.9	78.8	118.2
160	45.8	35.4	53.0

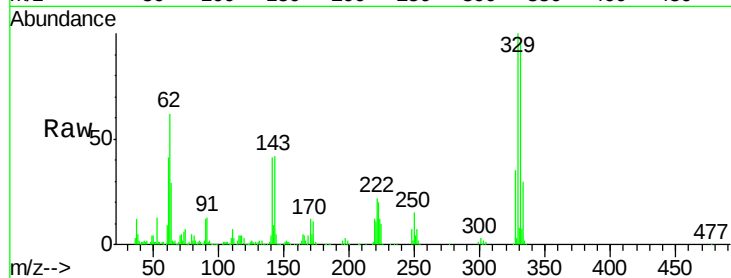




#41
 2,4,6-Tribromophenol
 Concen: 158.660 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033871.D
 Acq: 19 Apr 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-041818

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

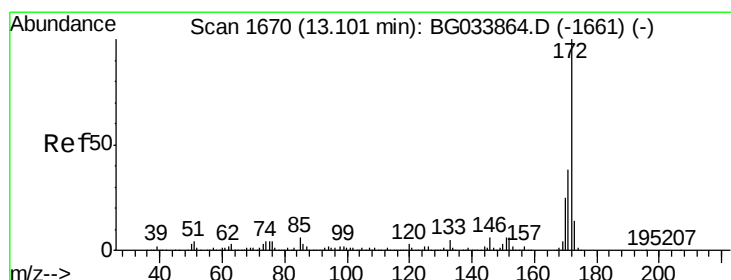
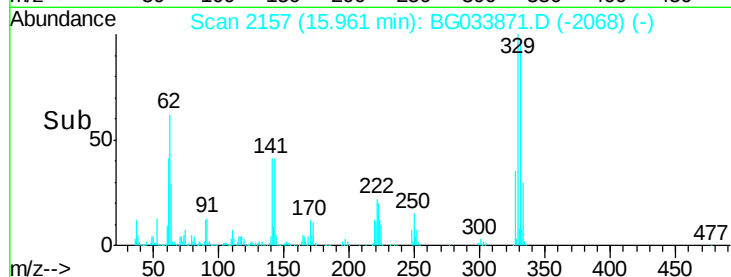
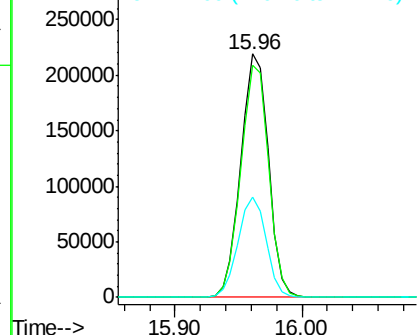


Abundance

Ion 329.80 (329.50 to 330.50): E

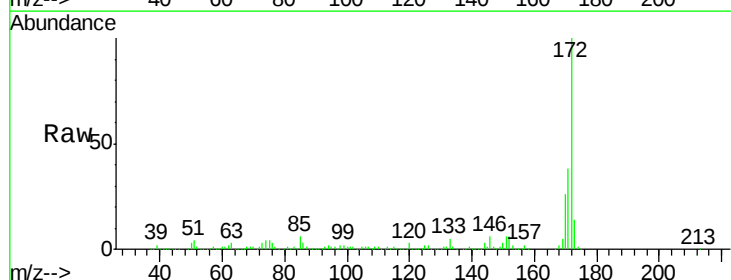
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.757 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG033871.D
 Acq: 19 Apr 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.9	19.5	29.3

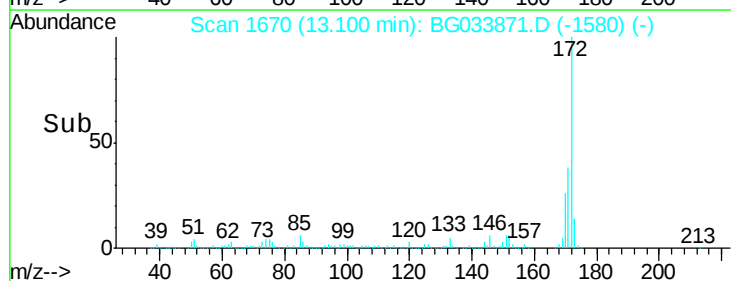
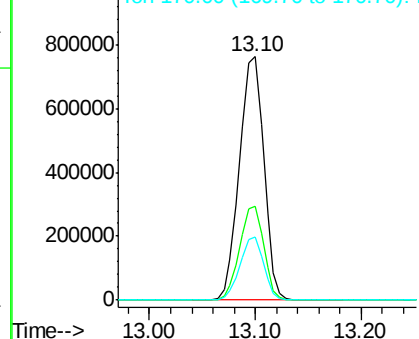


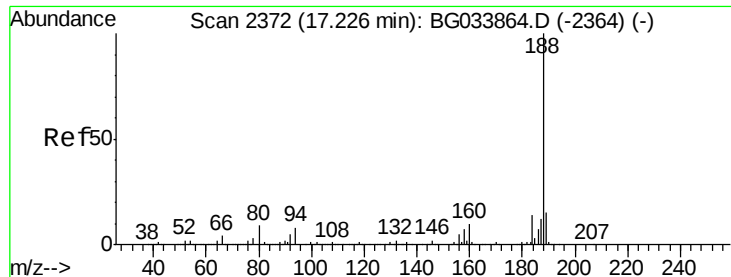
Abundance

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

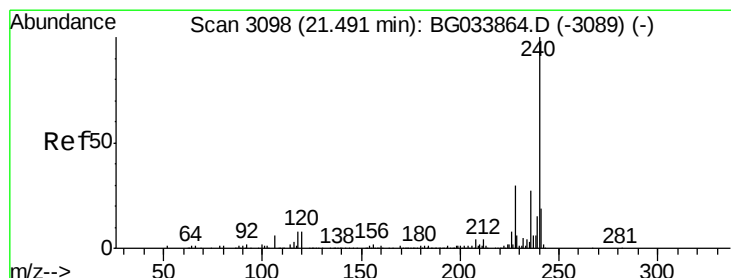
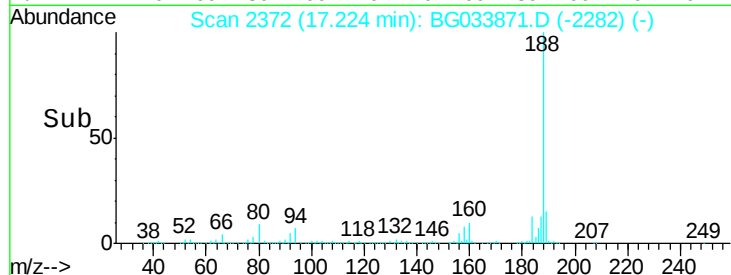
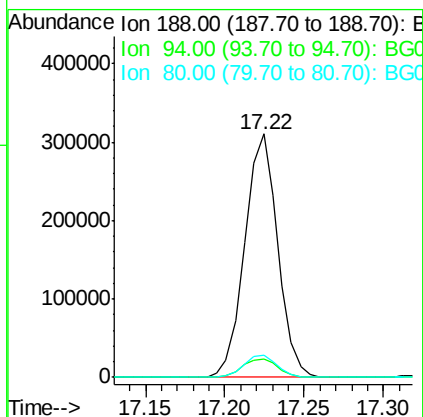
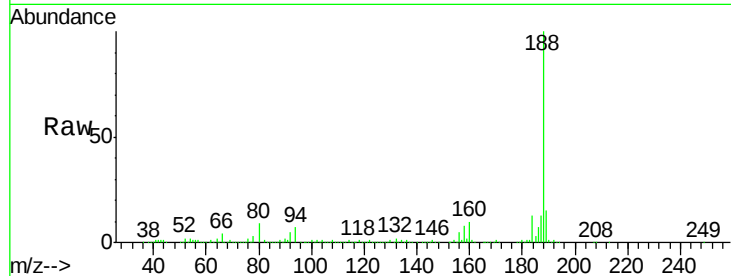




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

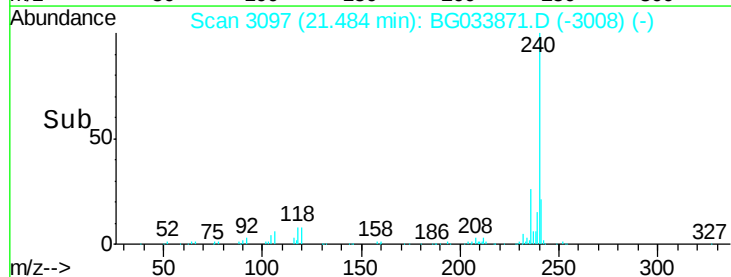
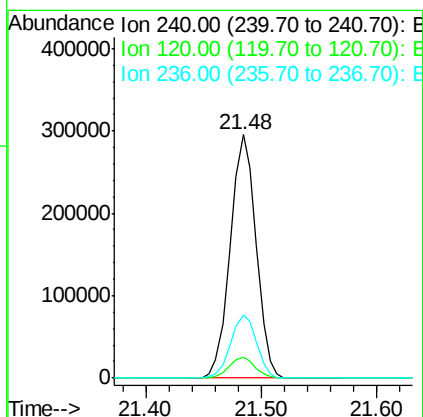
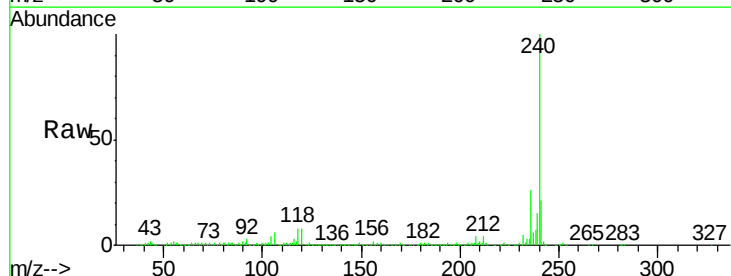
Instrument :
BNA_G
ClientSampleId :
CL-02-041818

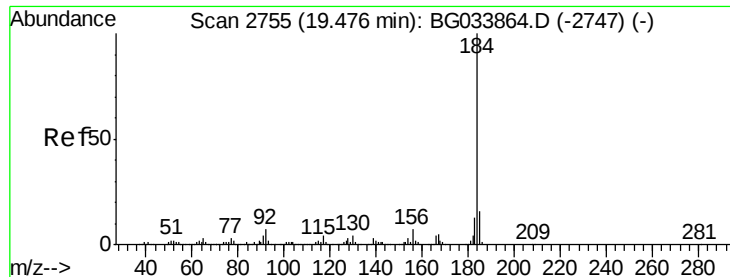
Tot Ion:188 Resp: 445224
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Tgt Ion:240 Resp: 456077
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 25.9 20.9 31.3





#76

Benzidine

Concen: 34.509 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BG033871.D

Acq: 19 Apr 2018 16:34

Instrument :

BNA_G

ClientSampleId :

CL-02-041818

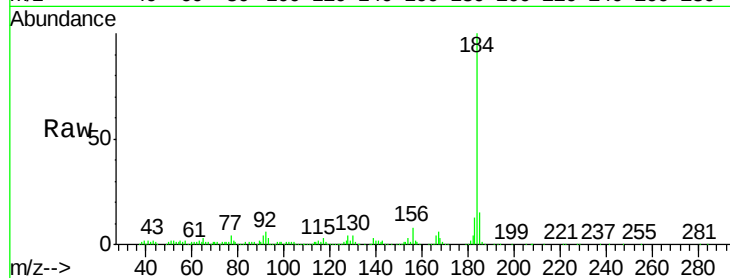
Tot Ion:184 Resp: 425010

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

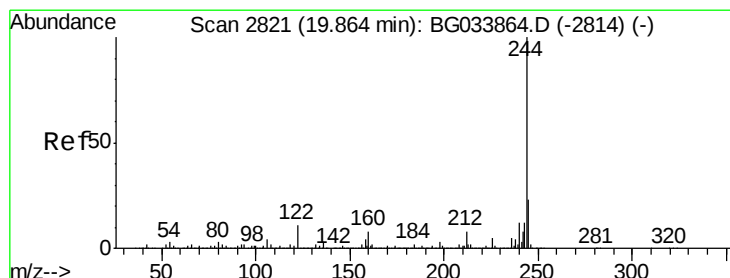
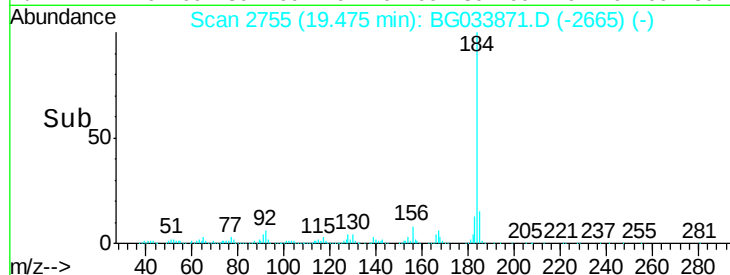
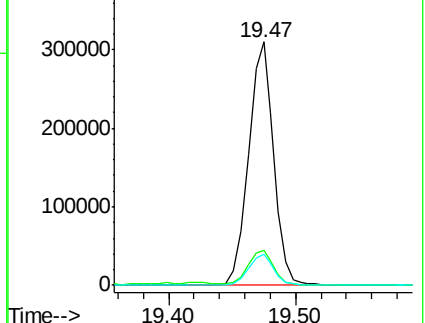
183 12.8 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.726 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG033871.D

Acq: 19 Apr 2018 16:34

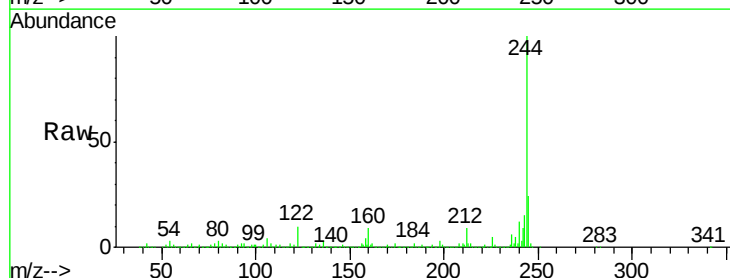
Tgt Ion:244 Resp: 1923005

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

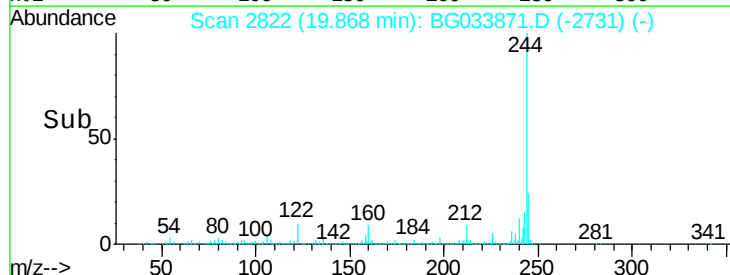
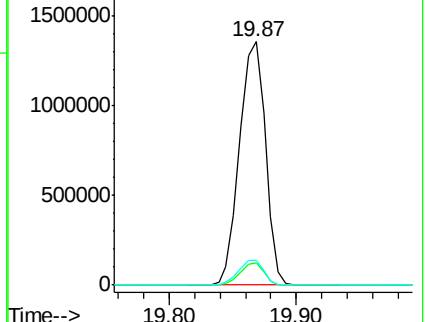
122 10.1 7.0 10.4

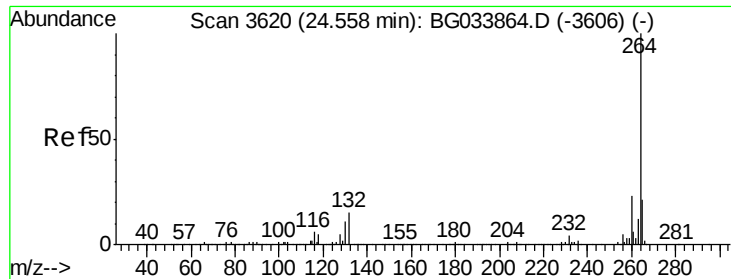


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG033871.D
Acq: 19 Apr 2018 16:34

Instrument :
BNA_G
ClientSampleId :
CL-02-041818

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.3	17.7	26.5

