

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033888.D
 Acq On : 20 Apr 2018 16:18
 Operator : SJ/JU
 Sample : J2475-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

Quant Time: Apr 21 05:33:46 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

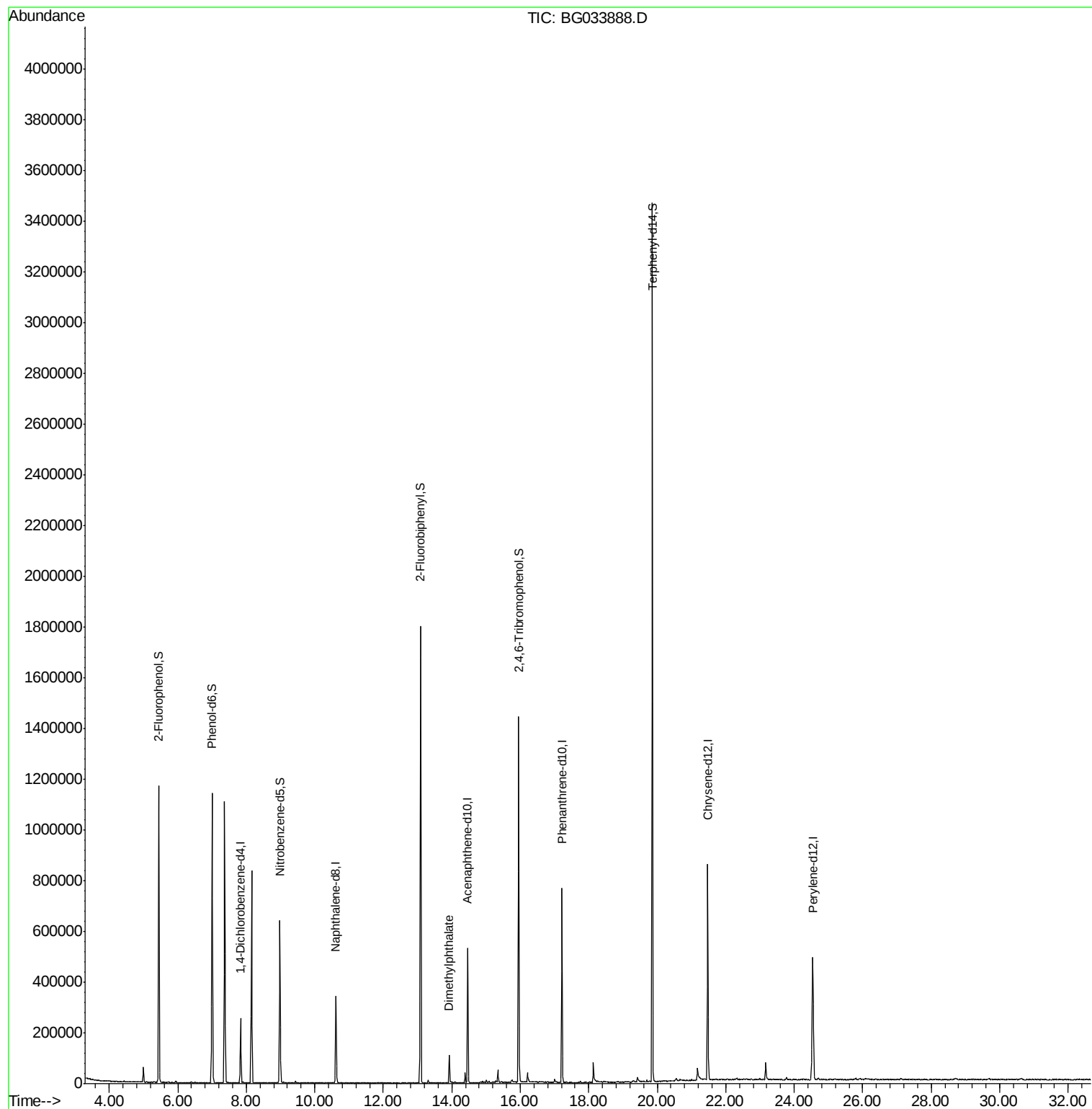
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	68688	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	291462	20.00	ng	0.00
38) Acenaphthene-d10	14.46	164	185890	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	463404	20.00	ng	0.00
75) Chrysene-d12	21.47	240	481678	20.00	ng	-0.02
86) Perylene-d12	24.54	264	483871	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	481976	112.03	ng	0.00
7) Phenol-d6	7.00	99	638381	101.73	ng	0.00
23) Nitrobenzene-d5	8.98	82	378745	73.95	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	248085	114.39	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	935327	73.92	ng	-0.01
78) Terphenyl-d14	19.86	244	1547644	72.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.93	163	72933	4.460	ng	Qvalue 98

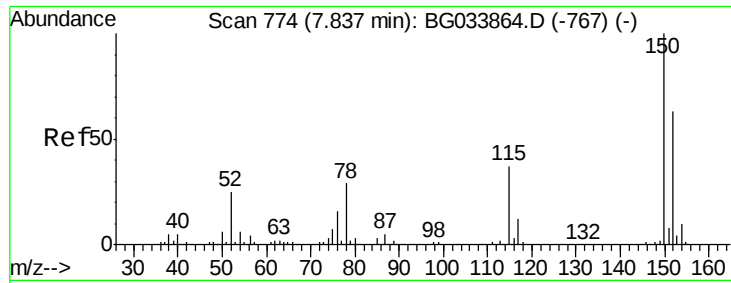
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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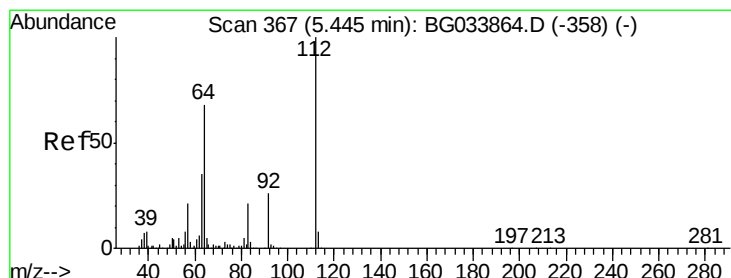
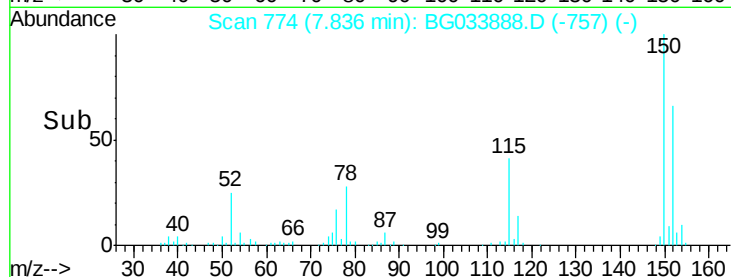
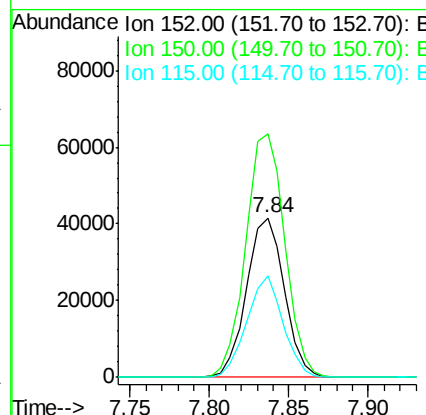
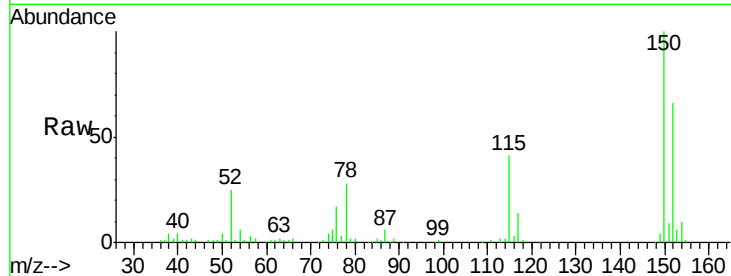


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

Instrument :
BNA_G
ClientSampled :
SB-01-02

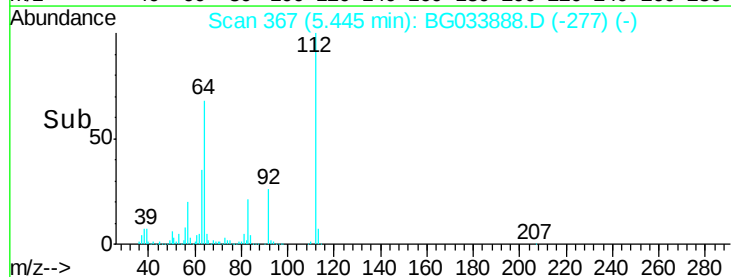
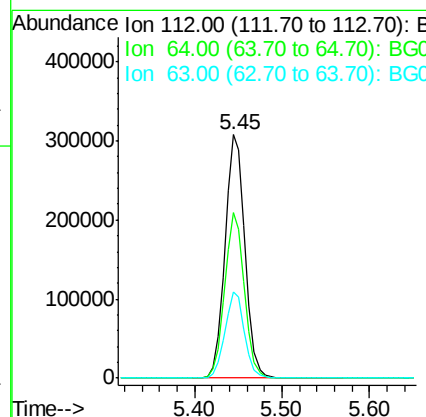
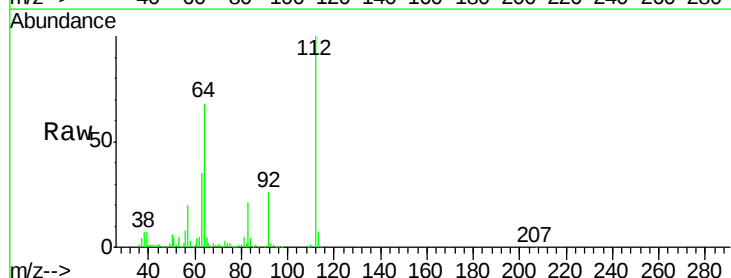
Tot Ion:152 Resp: 68688
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 63.3 53.0 79.4

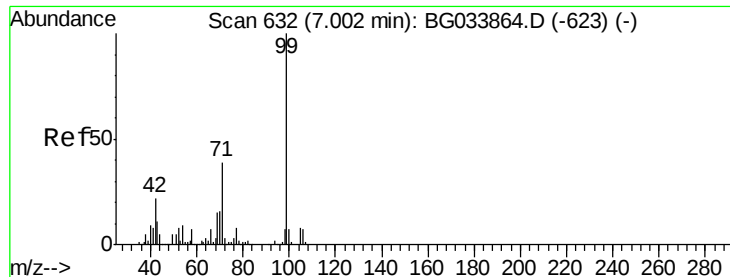


#5

2-Fluorophenol
Concen: 112.027 ng
RT: 5.45 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

Tgt Ion:112 Resp: 481976
Ion Ratio Lower Upper
112 100
64 67.9 56.3 84.5
63 35.2 30.1 45.1





#7

Phenol-d6

Concen: 101.731 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

SB-01-02

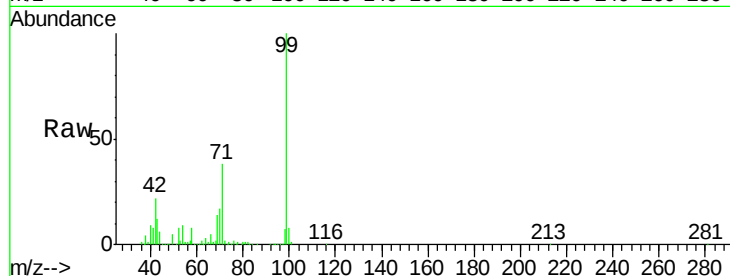
Tot Ion: 99 Resp: 638381

Ion Ratio Lower Upper

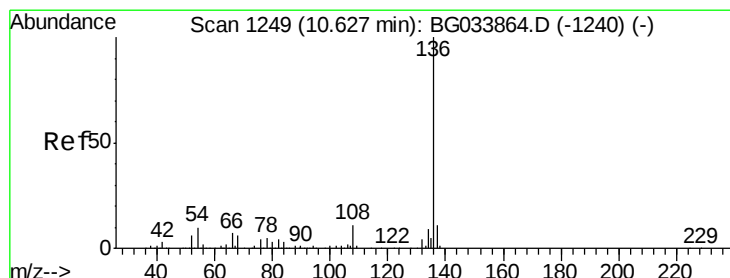
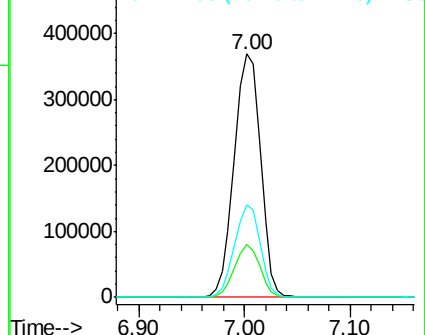
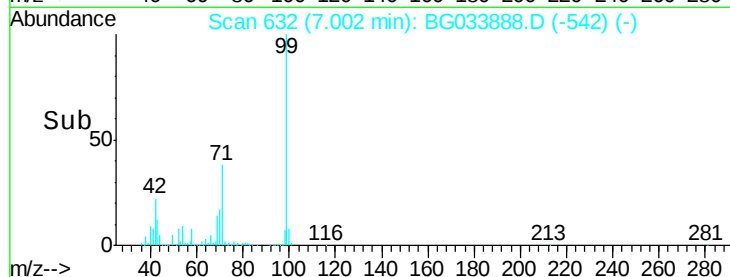
99 100

42 21.8 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: BG033888.D

Acq: 20 Apr 2018 16:18

Tgt Ion: 136 Resp: 291462

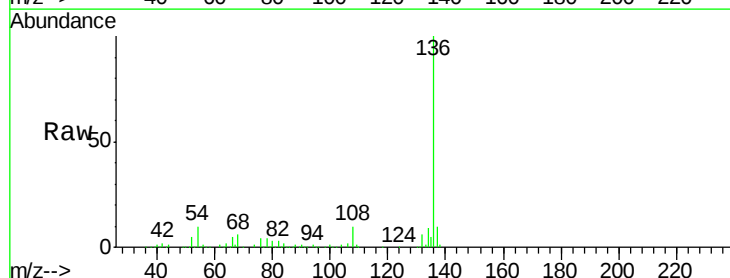
Ion Ratio Lower Upper

136 100

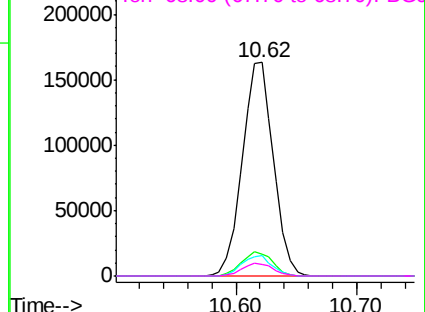
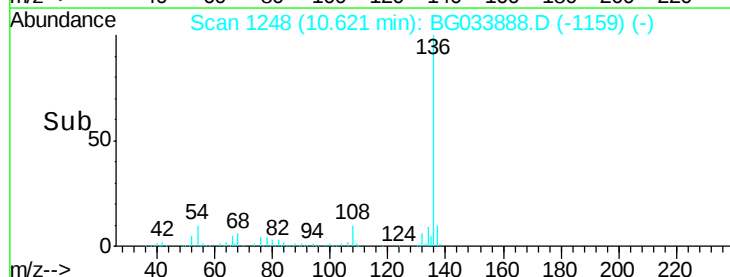
137 10.3 9.2 13.8

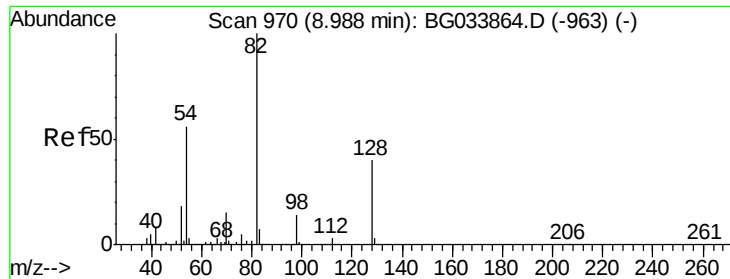
54 9.7 10.3 15.5#

68 5.7 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

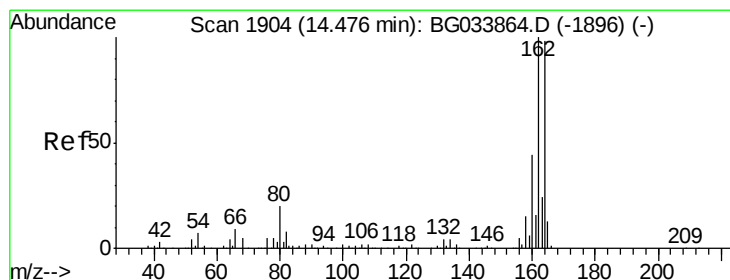
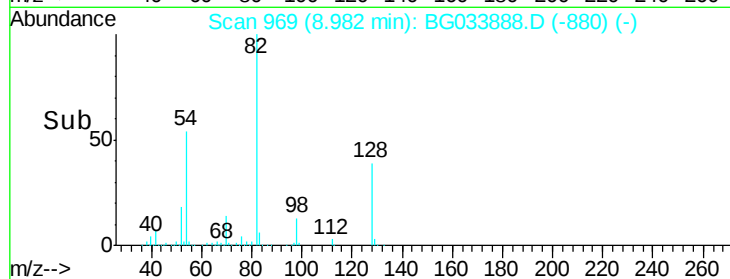
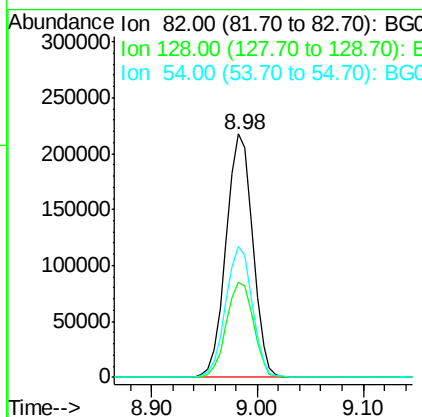
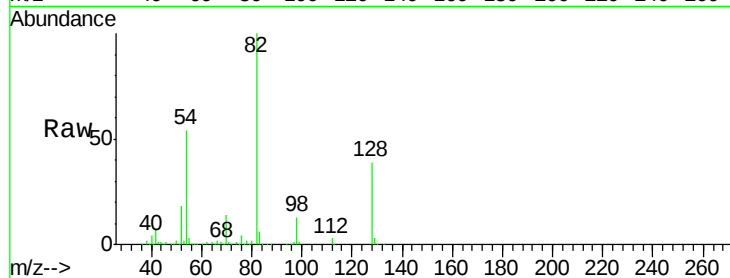




#23
 Nitrobenzene-d5
 Concen: 73.952 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

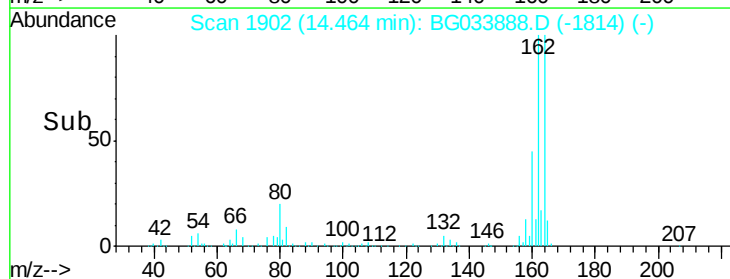
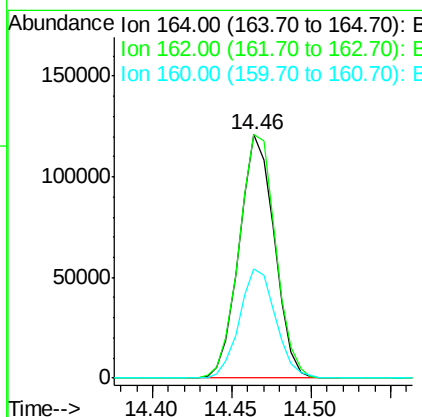
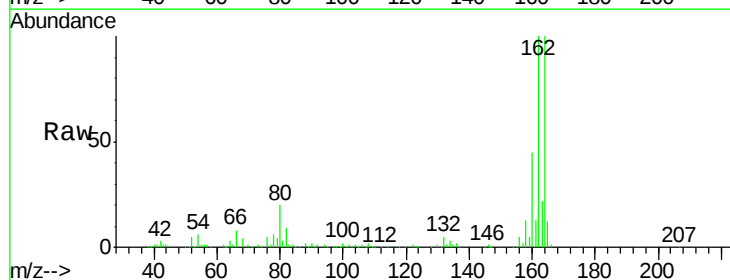
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

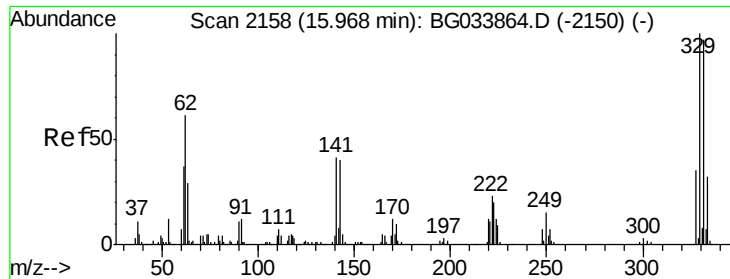
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.7	44.5
54	54.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	44.8	35.4	53.0

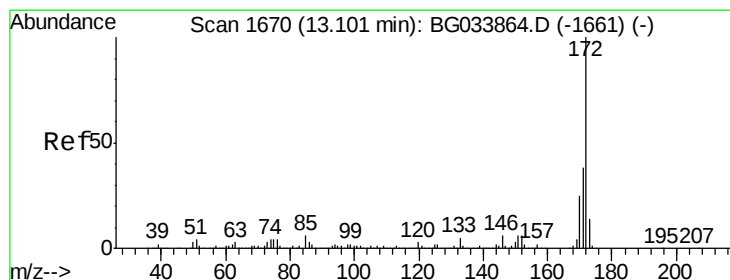
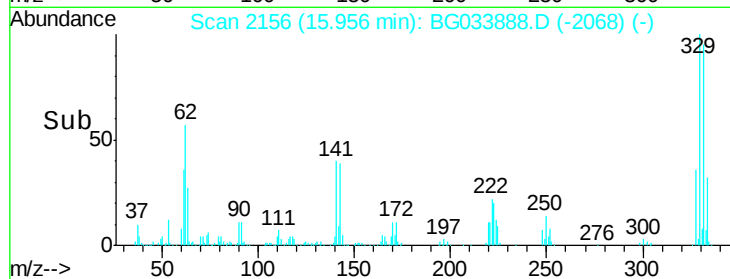
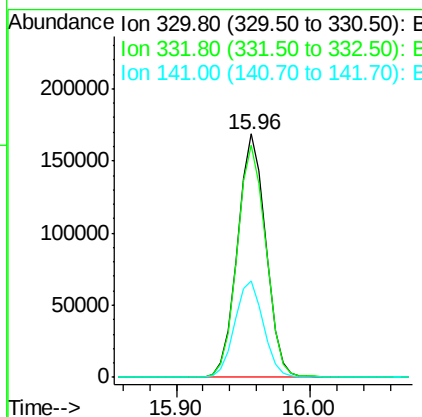
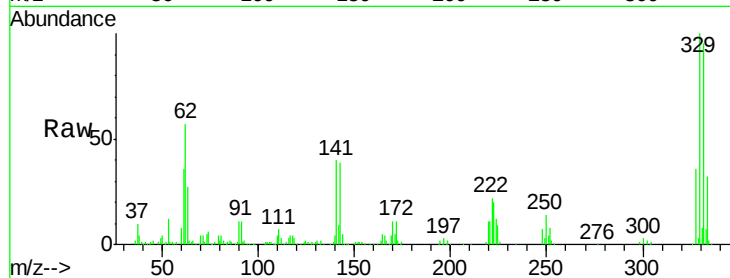




#41
 2,4,6-Tribromophenol
 Concen: 114.393 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

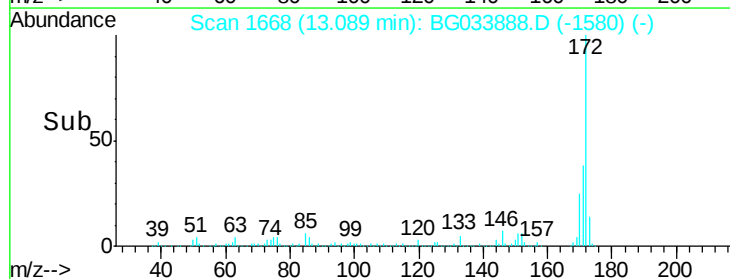
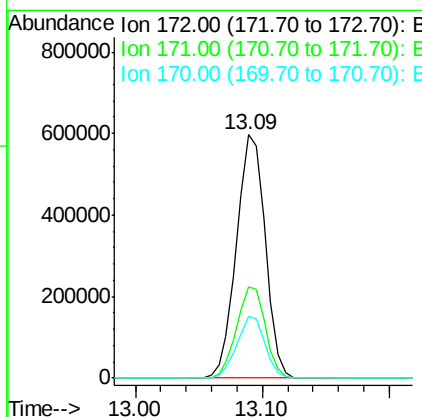
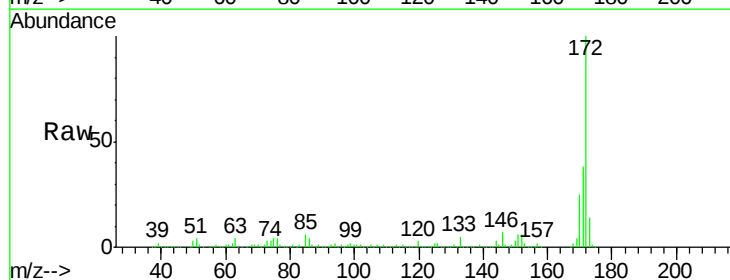
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

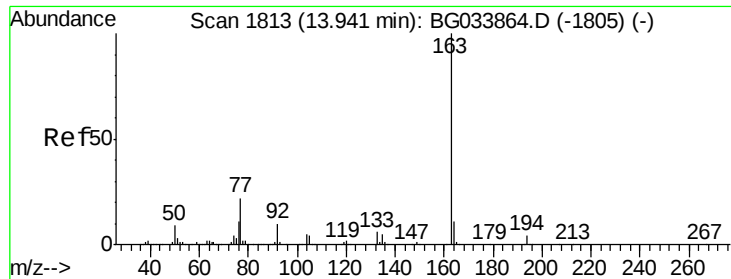
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 73.916 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.4	19.5	29.3





#49

Dimethylphthalate

Concen: 4.460 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

SB-01-02

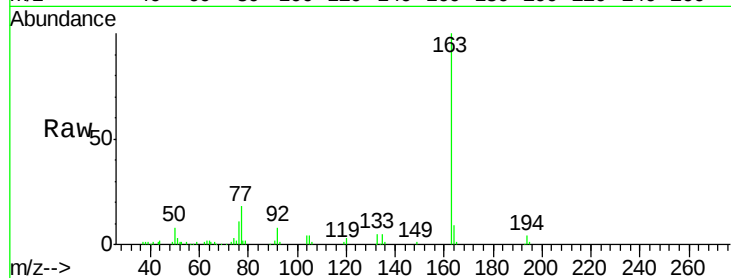
Tot Ion:163 Resp: 72933

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

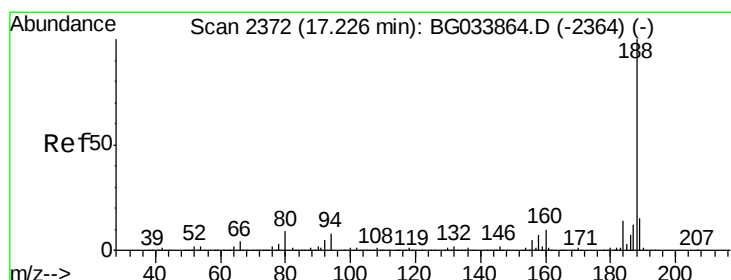
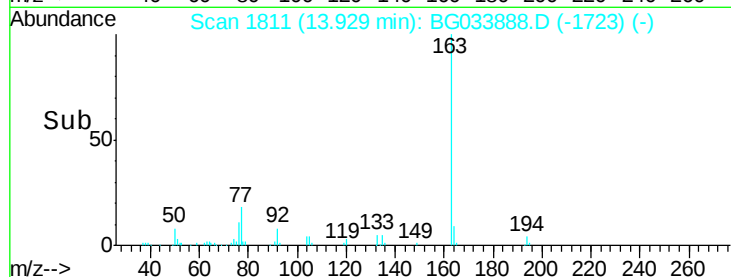
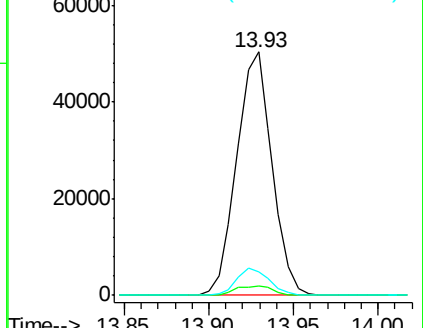
164 9.5 8.2 12.4



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: 17.22 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

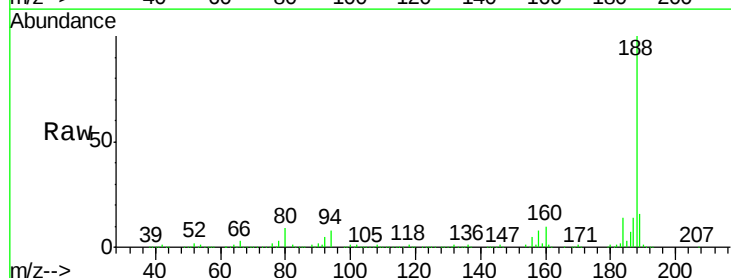
Tgt Ion:188 Resp: 463404

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

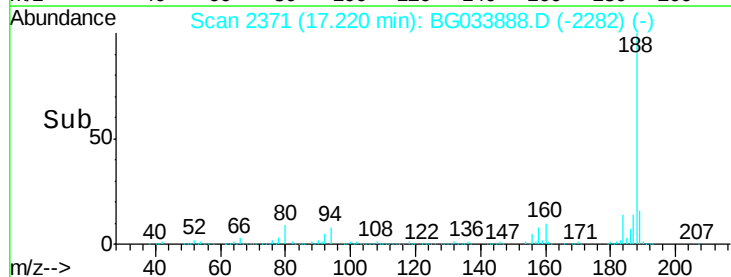
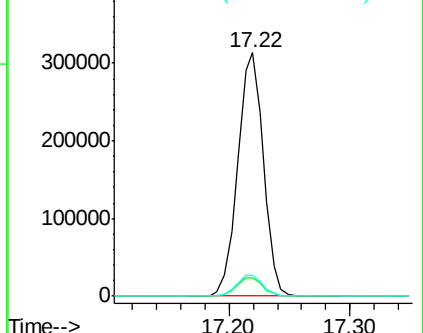
80 8.7 7.7 11.5

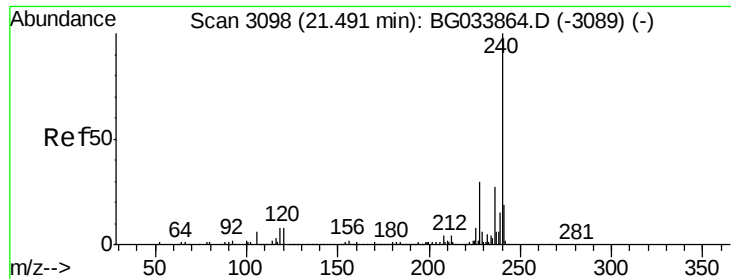


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

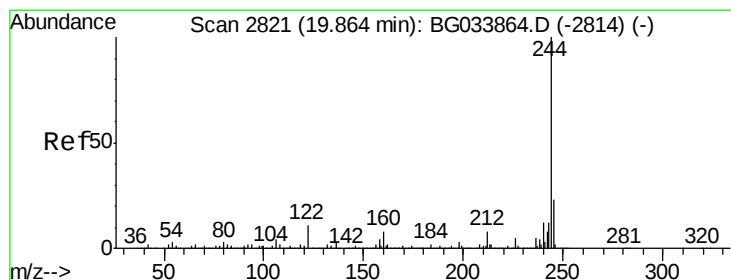
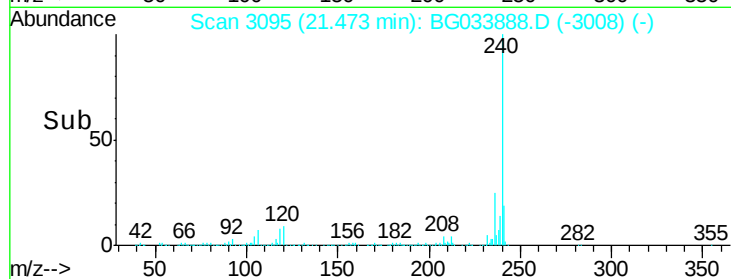
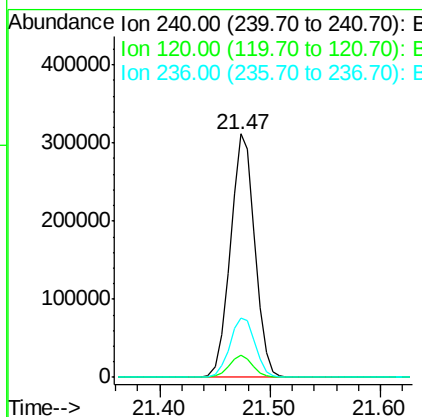
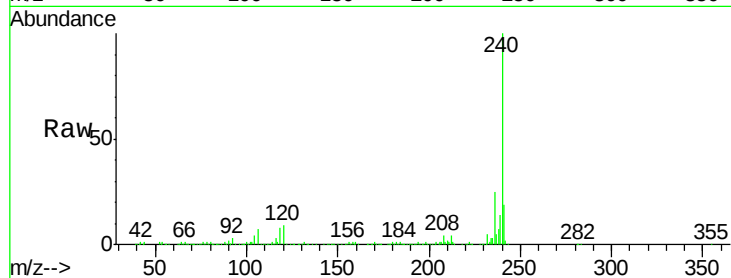




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

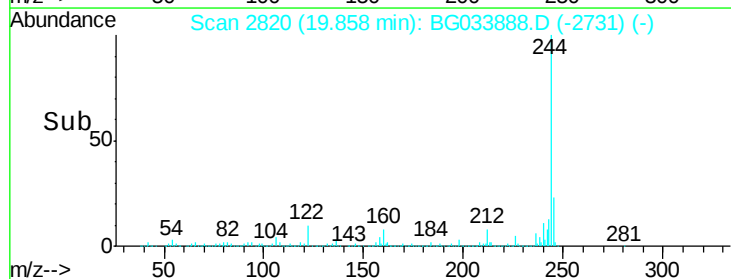
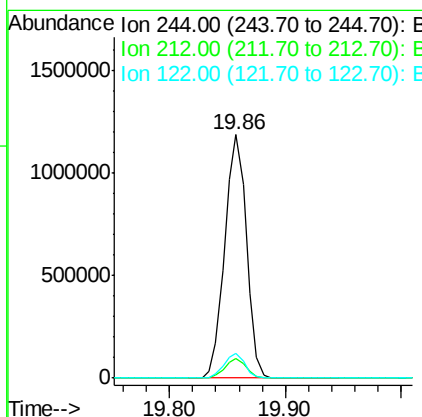
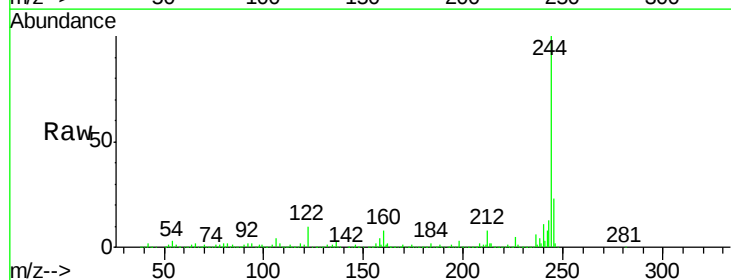
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

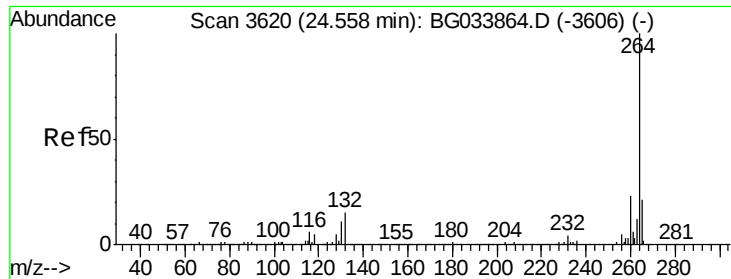
Tot Ion:240 Resp: 481678
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.8 10.2
 236 24.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 72.184 ng
 RT: 19.86 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion:244 Resp: 1547644
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 10.3 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.0	17.7	26.5

