

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032481.D
 Acq On : 1 Feb 2018 2:10
 Operator : SJ/JU
 Sample : J1377-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STONE

Quant Time: Feb 01 04:46:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

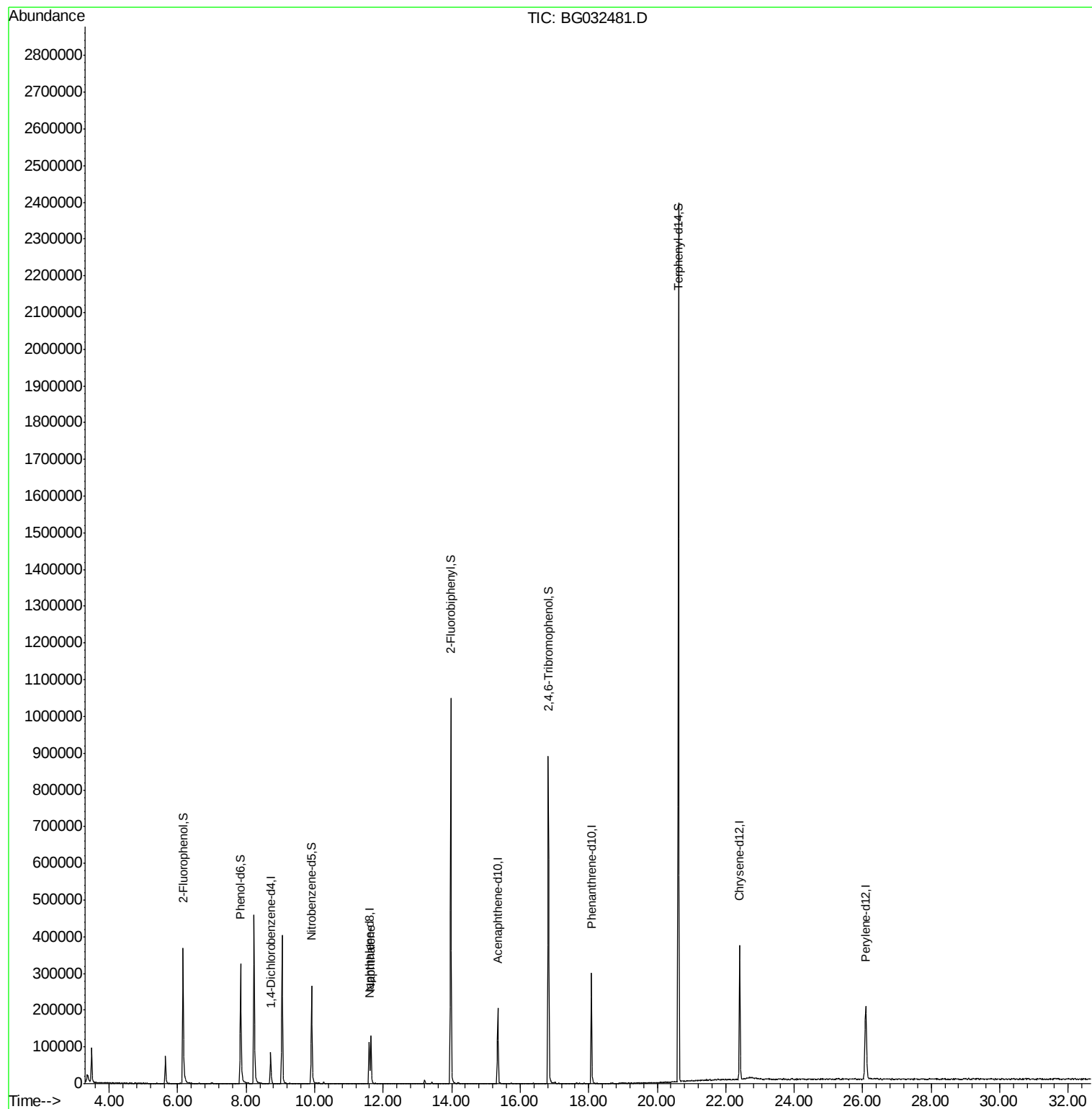
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	30559	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	117257	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	78696	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	218298	20.00	ng	0.00
75) Chrysene-d12	22.41	240	277679	20.00	ng	0.00
86) Perylene-d12	26.09	264	293079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	203432	133.71	ng	0.00
7) Phenol-d6	7.84	99	227153	111.89	ng	0.00
23) Nitrobenzene-d5	9.91	82	178755	95.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220488	147.19	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	643901	97.25	ng	-0.01
78) Terphenyl-d14	20.62	244	1333781	102.89	ng	0.00
Target Compounds						
31) Naphthalene	11.64	128	131733	23.002	ng	Qvalue 99

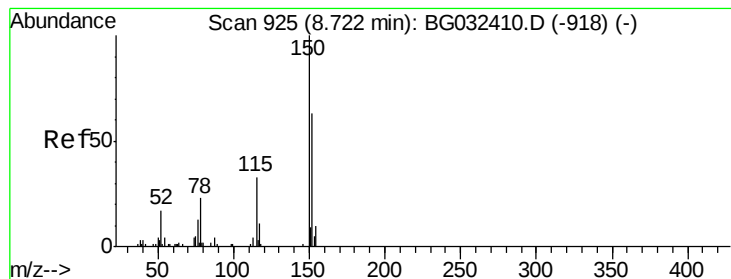
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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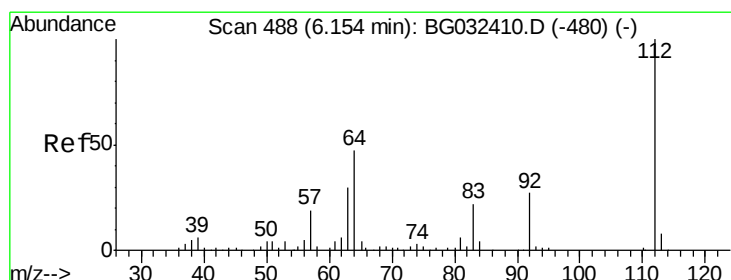
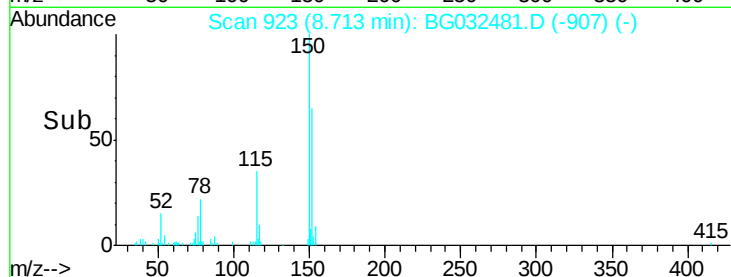
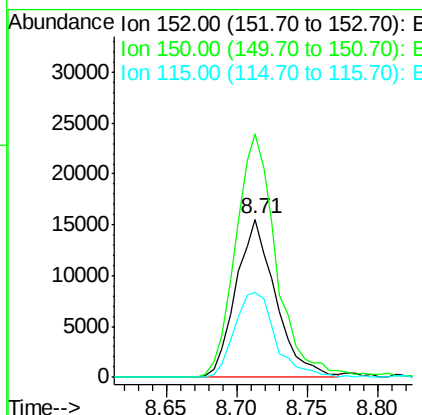
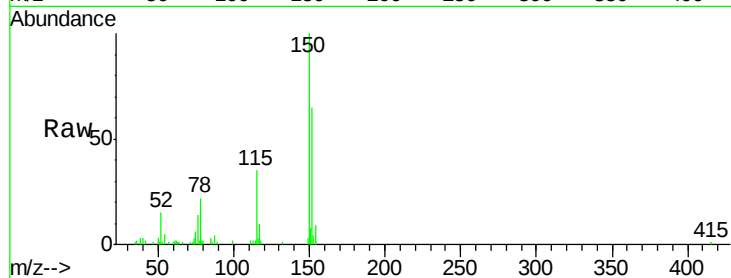


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Instrument :
BNA_G
ClientSampleId :
STONE

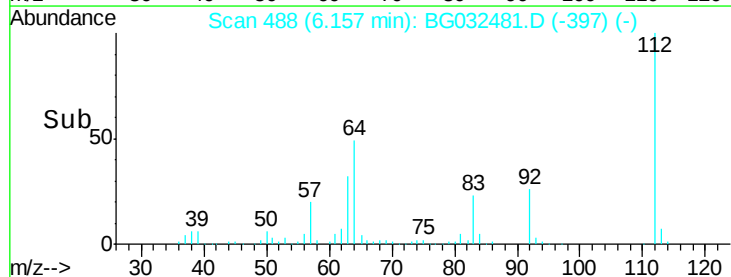
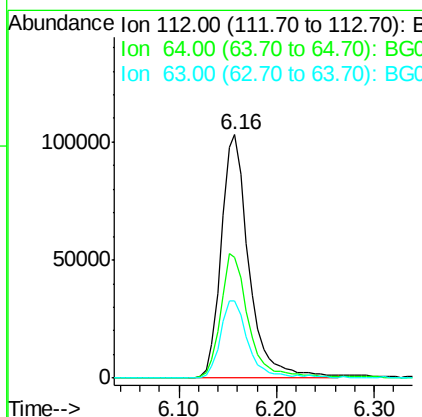
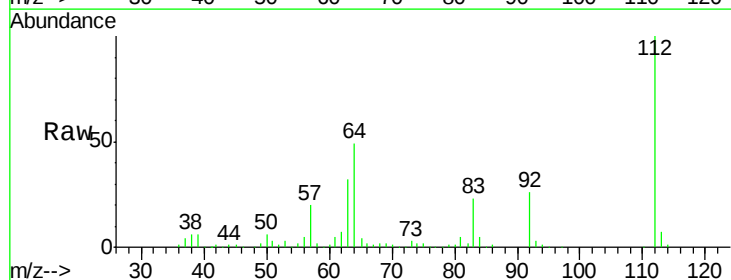
Tot Ion:152 Resp: 30559
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 54.0 53.0 79.4



#5

2-Fluorophenol
Concen: 133.710 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Tgt Ion:112 Resp: 203432
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 111.885 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

Instrument :

BNA_G

ClientSampleId :

STONE

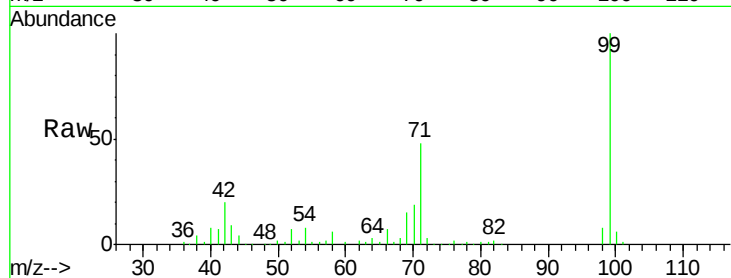
Tot Ion: 99 Resp: 227153

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

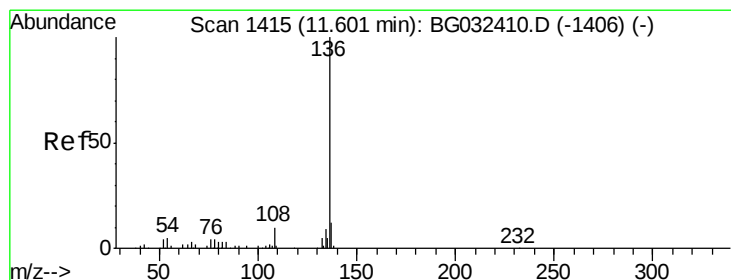
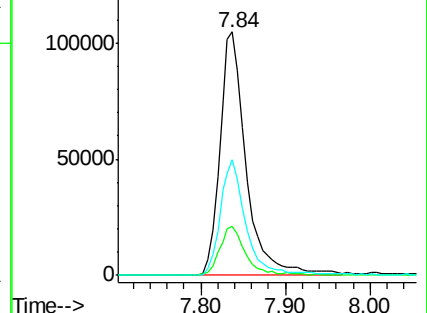
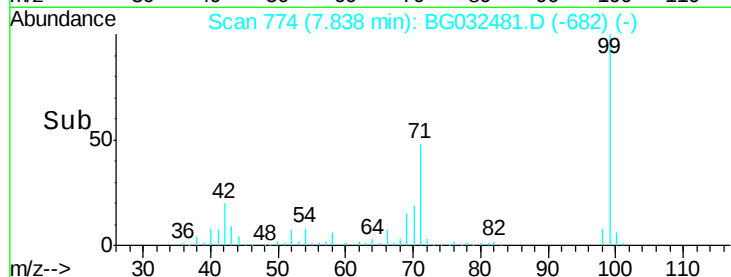
71 47.7 26.1 39.1#



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: 11.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

Tgt Ion: 136 Resp: 117257

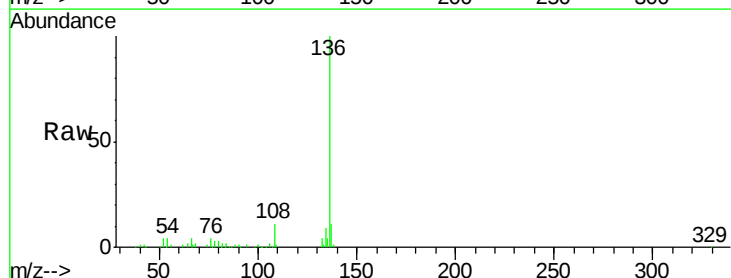
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 4.2 10.3 15.5#

68 2.3 4.5 6.7#

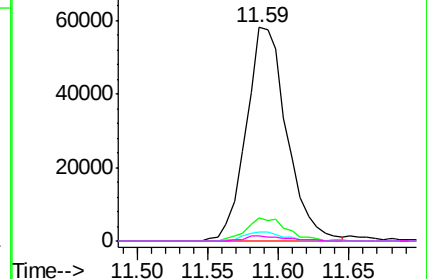
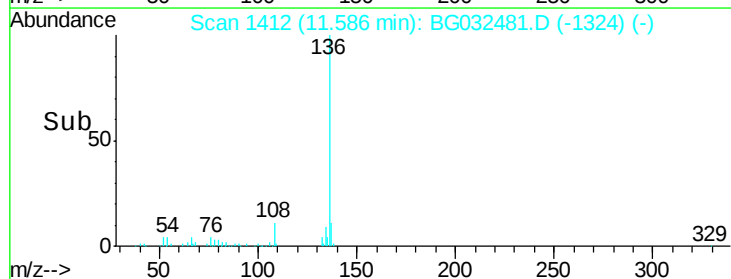


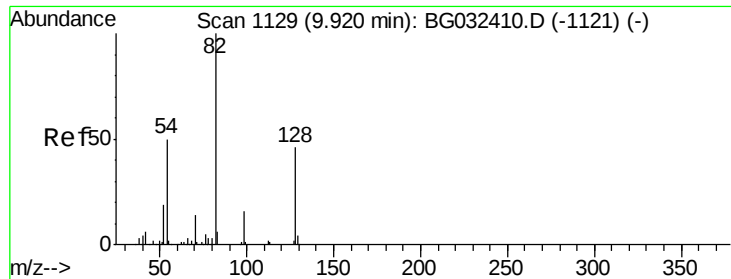
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

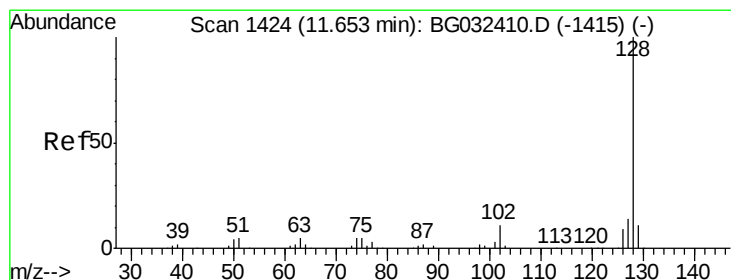
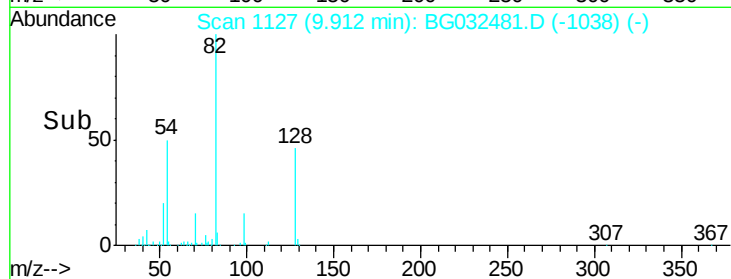
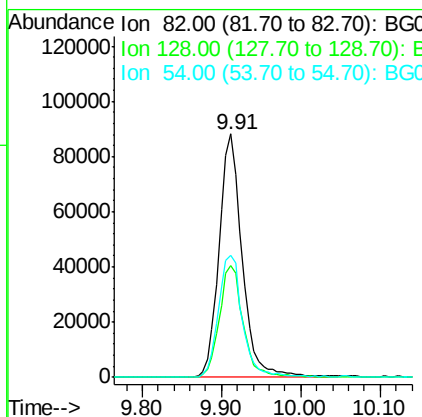
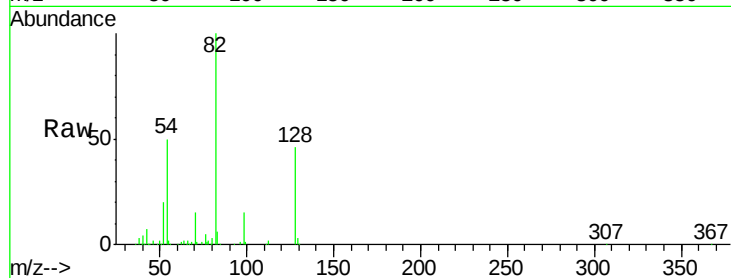




#23
 Nitrobenzene-d5
 Concen: 95.219 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

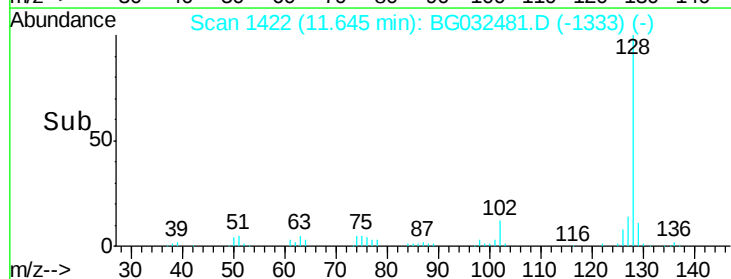
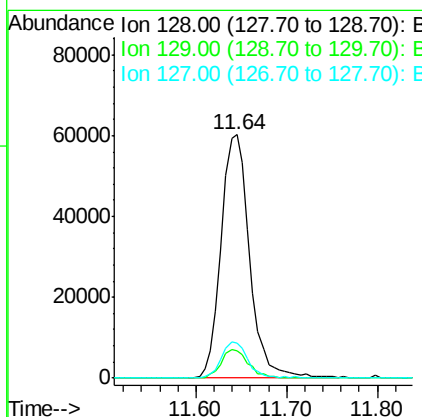
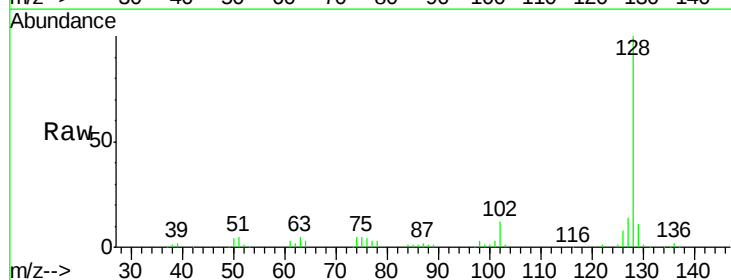
Instrument :
 BNA_G
 ClientSampleId :
 STONE

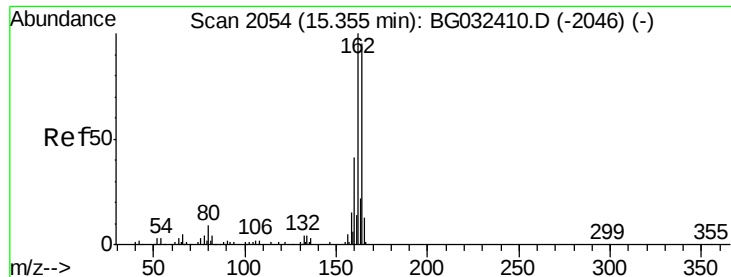
Tot Ion: 82 Resp: 178755
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 50.0 43.1 64.7



#31
 Naphthalene
 Concen: 23.002 ng
 RT: 11.64 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Tgt Ion: 128 Resp: 131733
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 14.5 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

Instrument :

BNA_G

ClientSampleId :

STONE

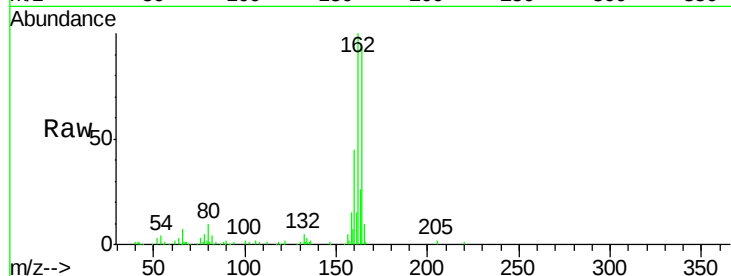
Tot Ion:164 Resp: 78696

Ion Ratio Lower Upper

164 100

162 106.5 78.8 118.2

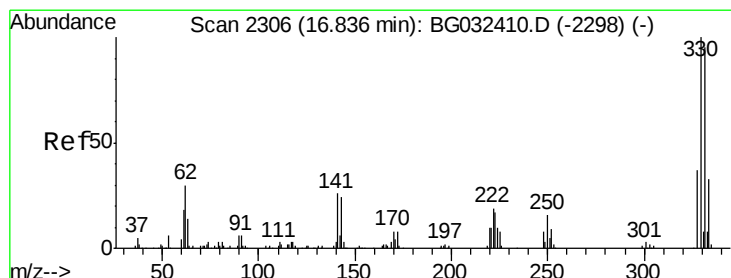
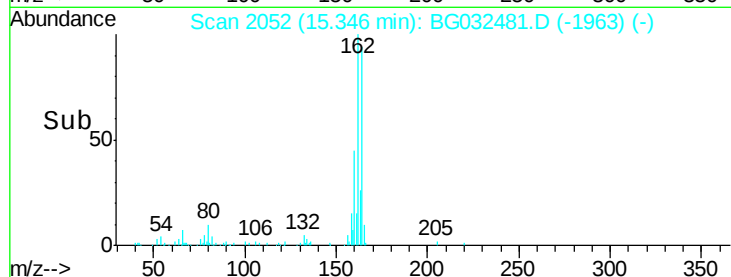
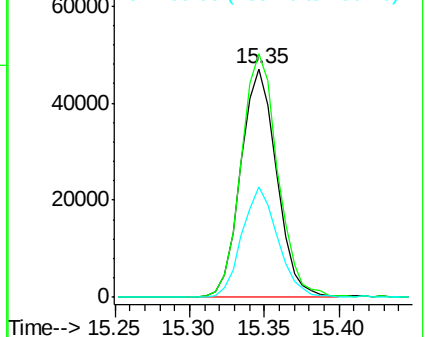
160 48.2 35.4 53.0



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: 147.190 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032481.D

Acq: 1 Feb 2018 2:10

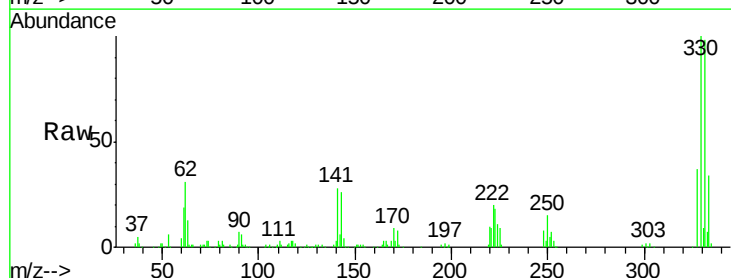
Tgt Ion:330 Resp: 220488

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

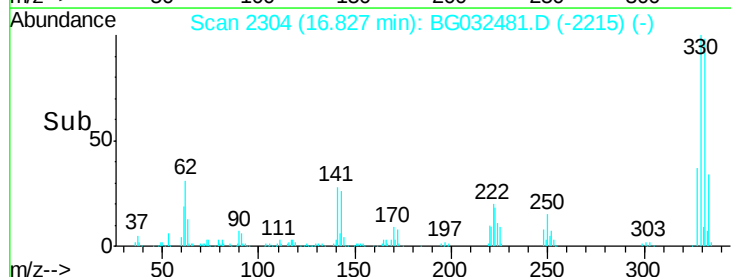
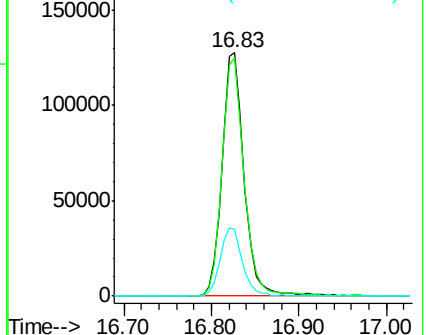
141 28.4 25.2 37.8

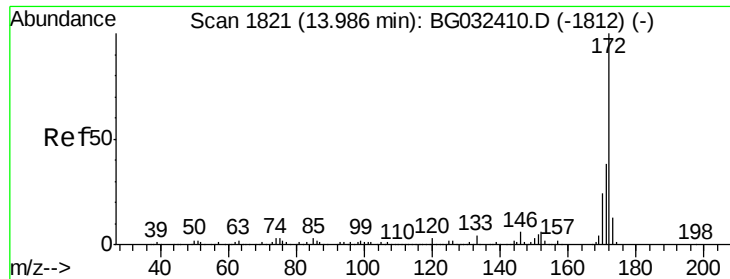


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

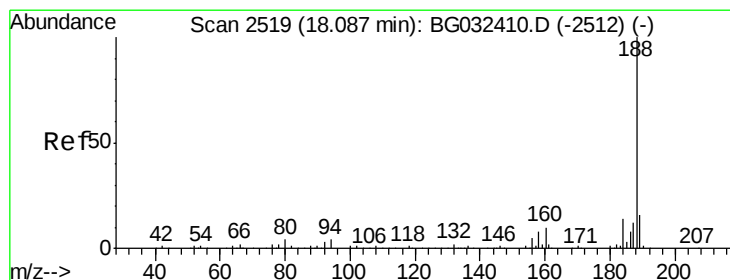
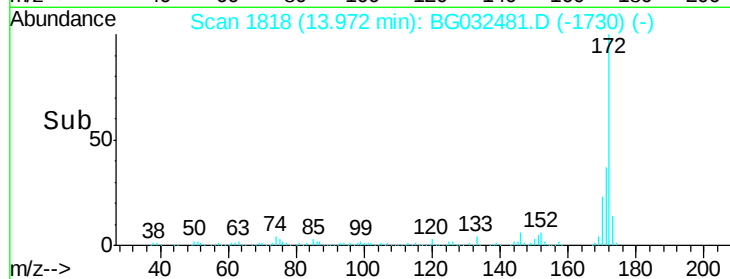
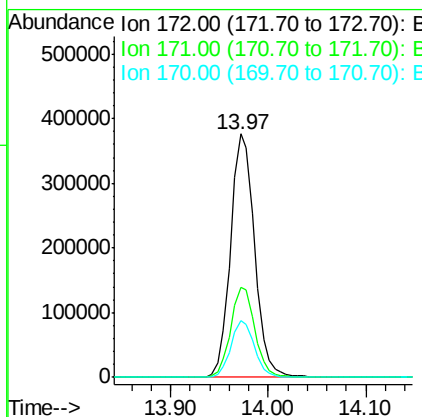
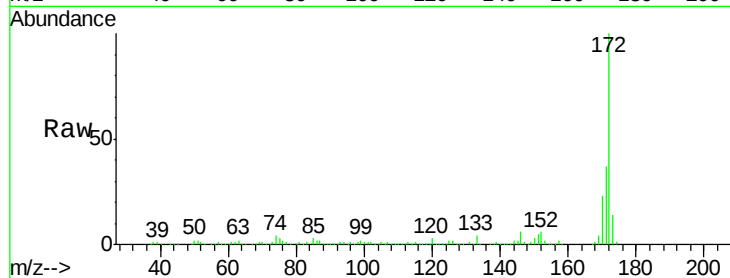




#44
 2-Fluorobiphenyl
 Concen: 97.250 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

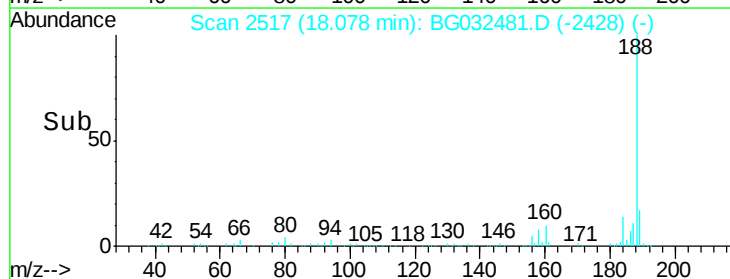
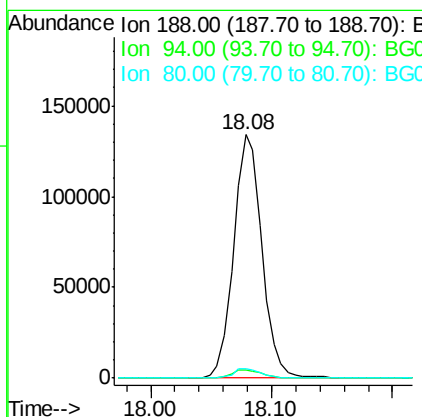
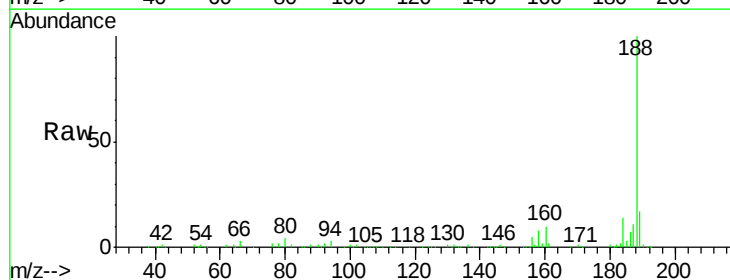
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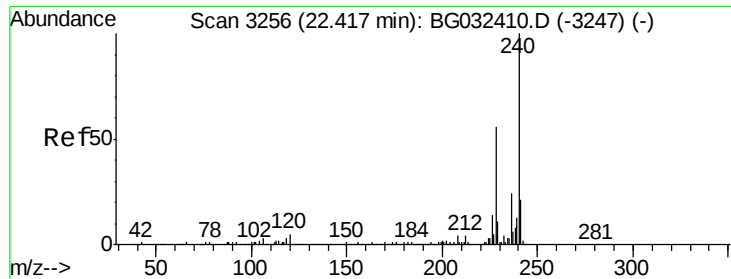
Tot Ion:172 Resp: 643901
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 23.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Tgt Ion:188 Resp: 218298
 Ion Ratio Lower Upper
 188 100
 94 3.5 6.9 10.3#
 80 4.0 7.7 11.5#

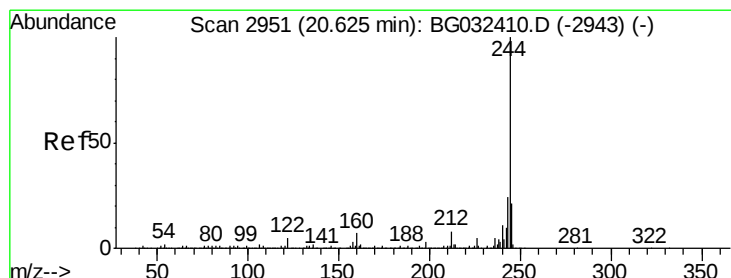
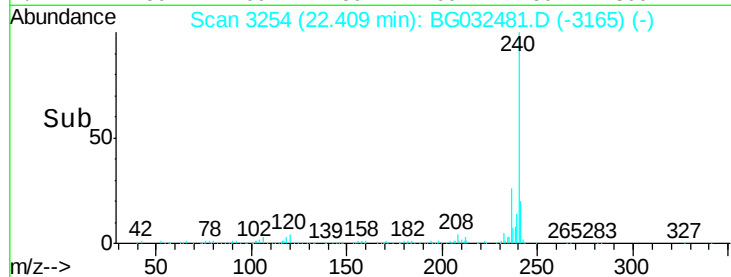
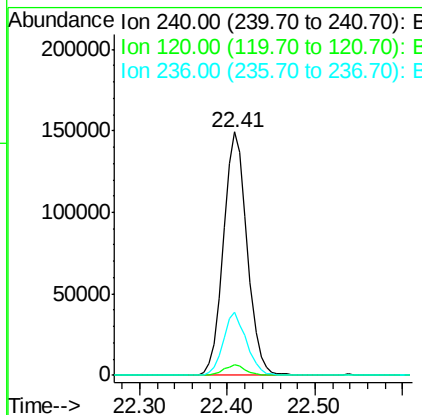
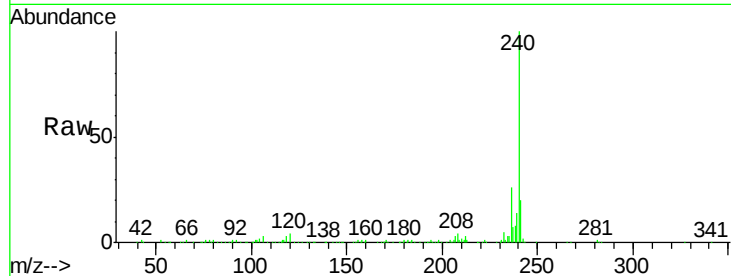




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

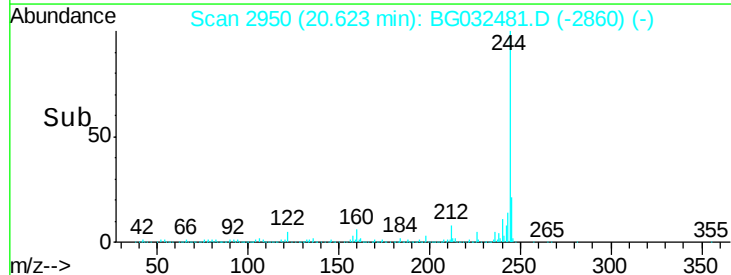
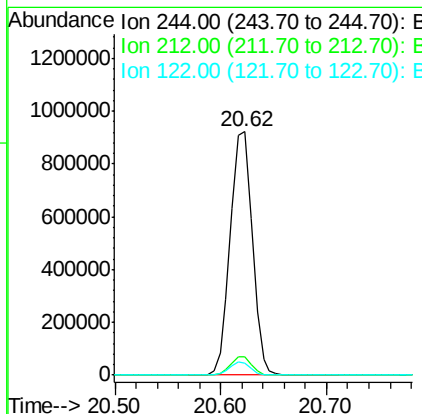
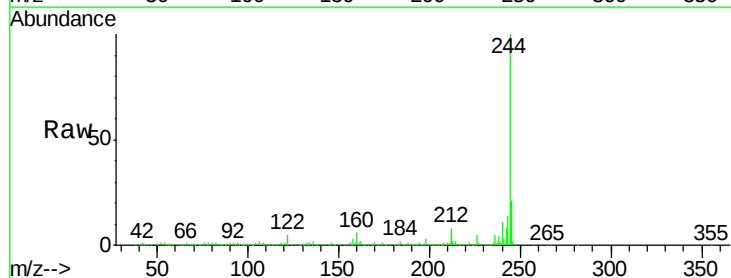
Instrument :
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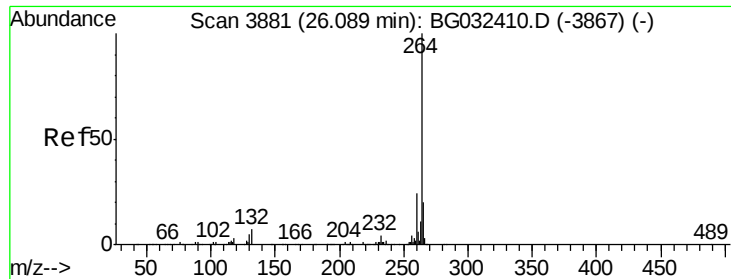
Tot Ion:240 Resp: 277679
 Ion Ratio Lower Upper
 240 100
 120 4.1 6.8 10.2#
 236 25.8 20.9 31.3



#78
 Terphenyl-d14
 Concen: 102.891 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: BG032481.D
 Acq: 1 Feb 2018 2:10

Tgt Ion:244 Resp: 1333781
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 5.1 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032481.D
Acq: 1 Feb 2018 2:10

Instrument :
BNA_G
ClientSampleId :
STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.5	17.7	26.5

