

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032382.D
 Acq On : 28 Jan 2018 8:07
 Operator : SJ/JU
 Sample : J1307-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-202

Quant Time: Jan 29 02:50:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

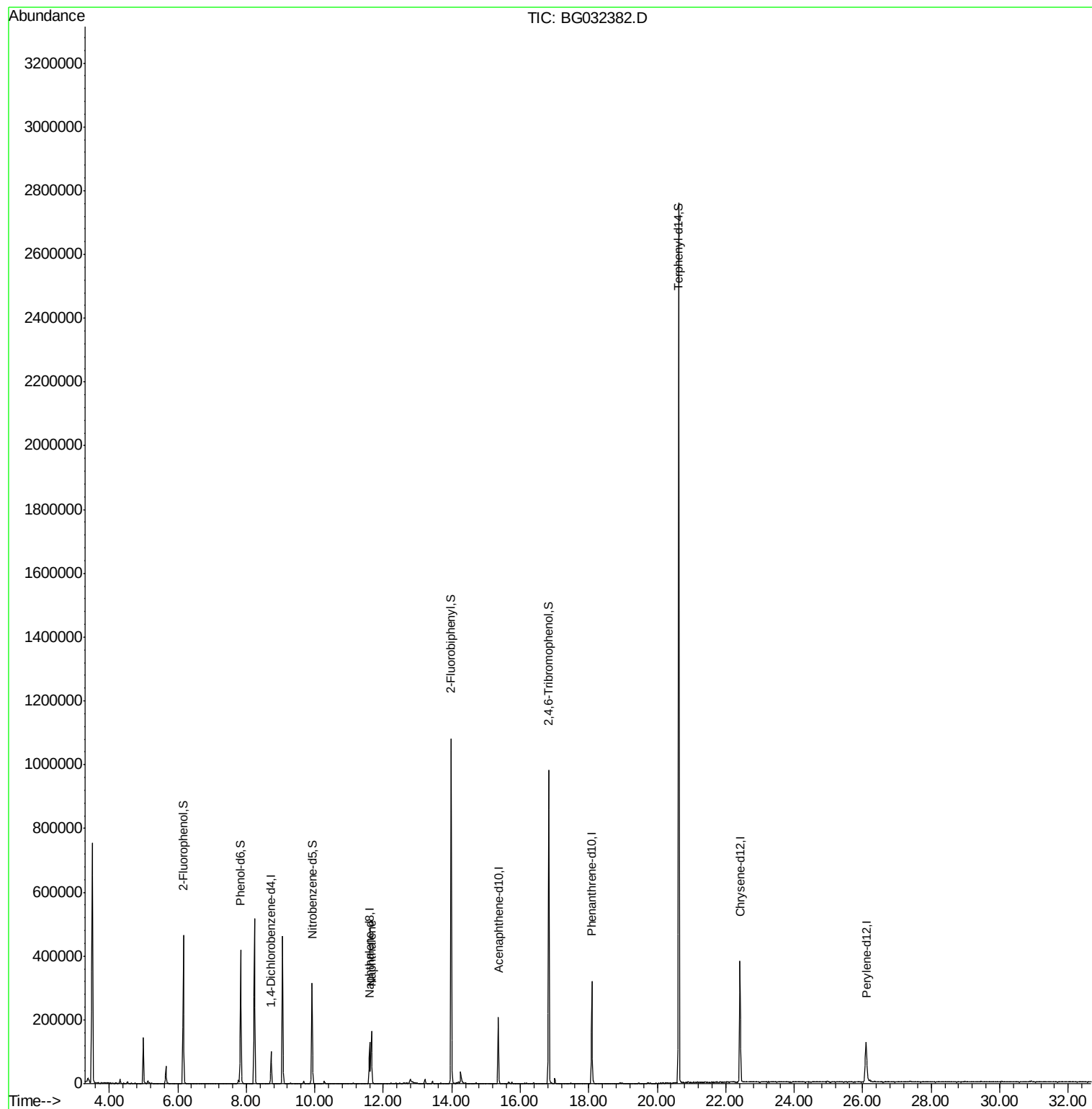
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32516	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	123042	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	78497	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	219159	20.00	ng	0.00
75) Chrysene-d12	22.42	240	285540	20.00	ng	0.00
86) Perylene-d12	26.10	264	142062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	220938	124.27	ng	0.00
7) Phenol-d6	7.84	99	233842	104.44	ng	0.00
23) Nitrobenzene-d5	9.92	82	190886	104.96	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	219178	168.74	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	635385	100.37	ng	0.00
78) Terphenyl-d14	20.63	244	1418734	109.71	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	155845	25.568	ng	Qvalue 99

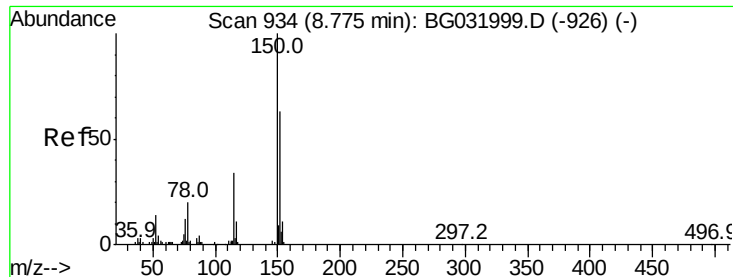
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032382.D
Acq On : 28 Jan 2018 8:07
Operator : SJ/JU
Sample : J1307-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE-202

Quant Time: Jan 29 02:50:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

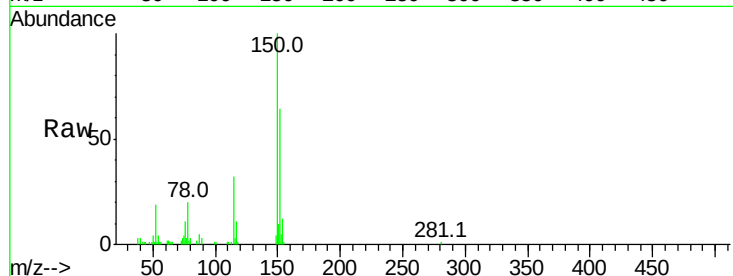
Tot Ion:152 Resp: 32516

Ion Ratio Lower Upper

152 100

150 155.6 126.6 189.8

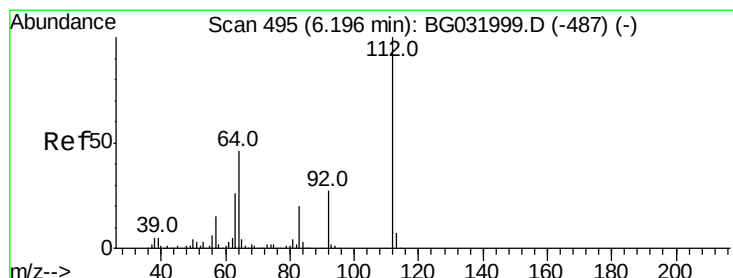
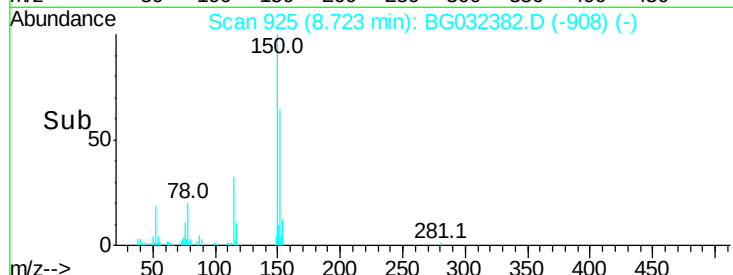
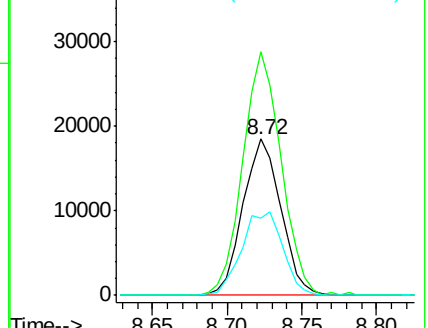
115 49.6 53.0 79.4#



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: 124.271 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

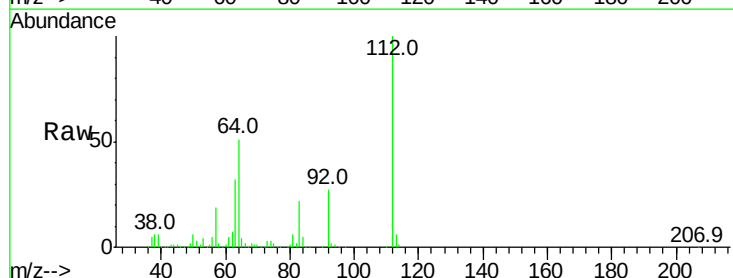
Tgt Ion:112 Resp: 220938

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

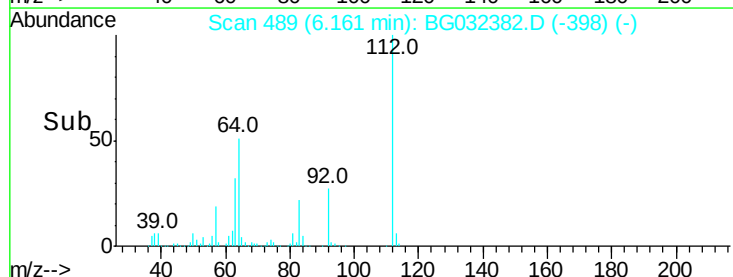
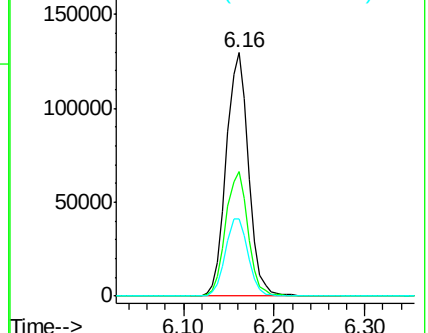
63 31.7 30.1 45.1

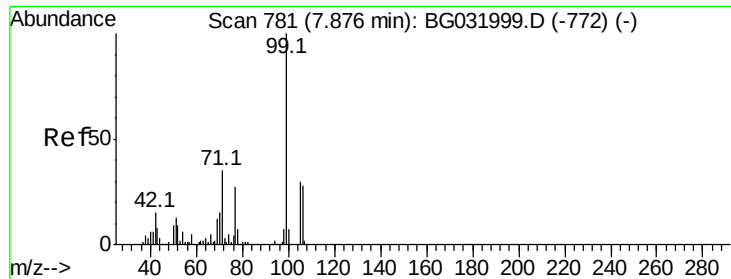


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.435 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

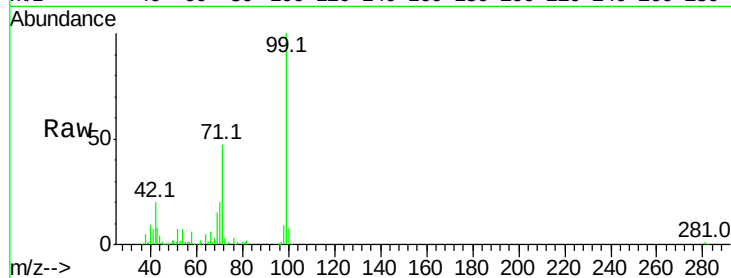
Tot Ion: 99 Resp: 233842

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

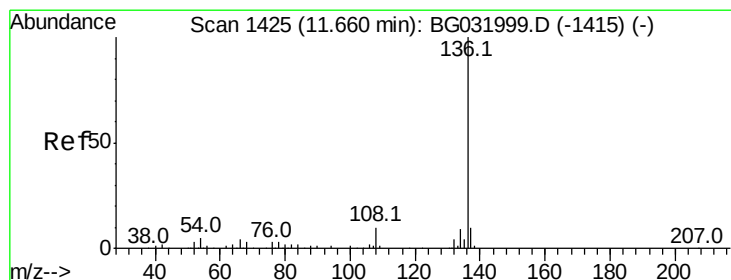
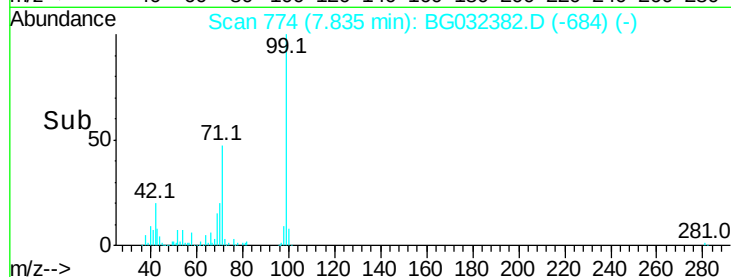
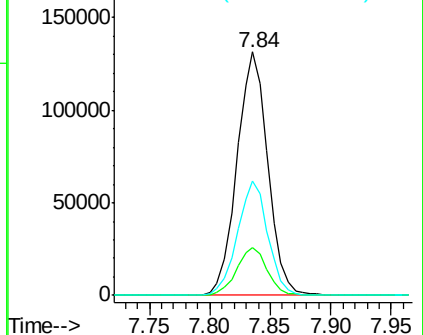
71 47.2 26.1 39.1#



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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

Tgt Ion: 136 Resp: 123042

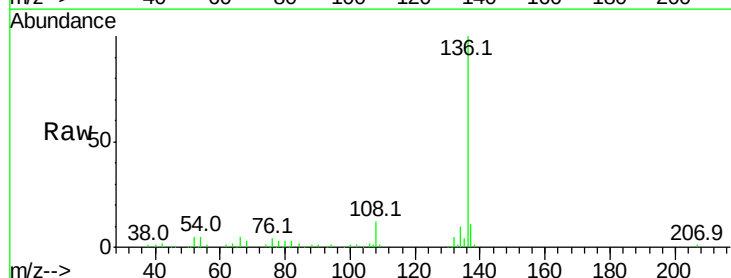
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 4.7 10.3 15.5#

68 3.1 4.5 6.7#

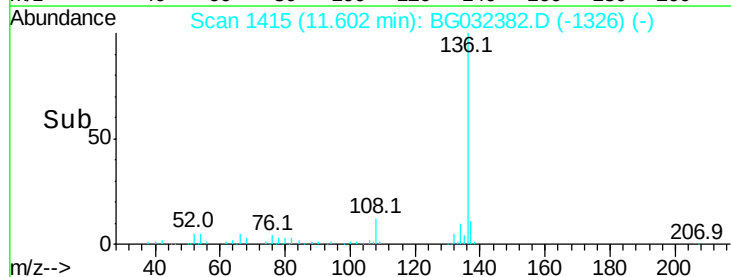
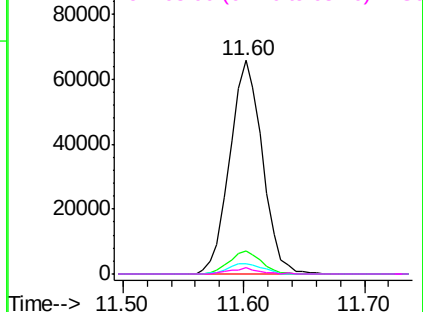


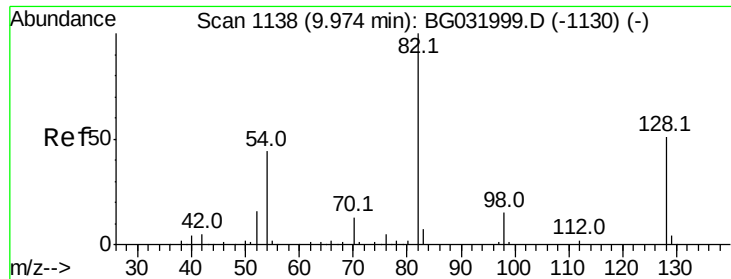
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

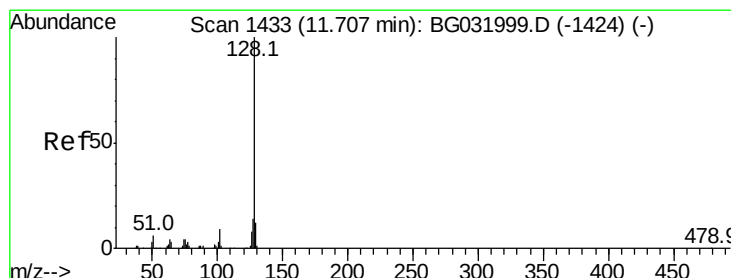
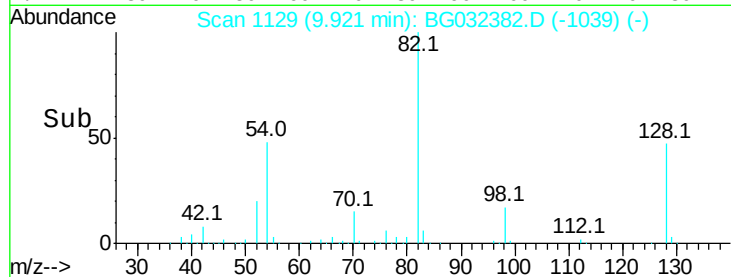
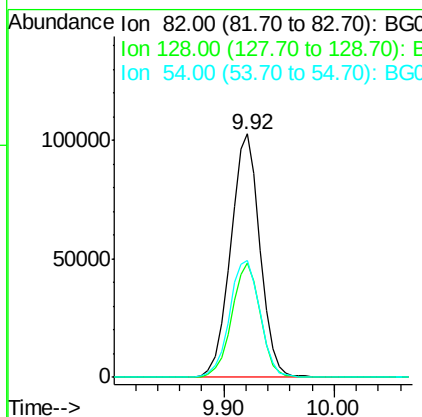
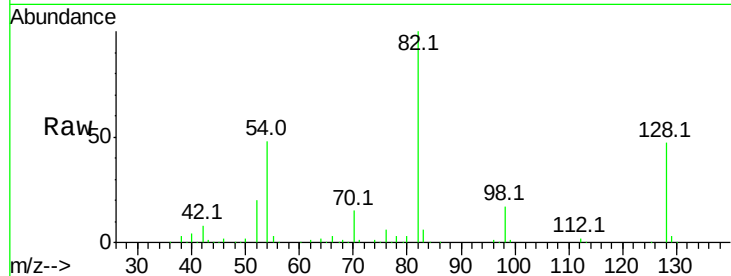




#23
 Nitrobenzene-d5
 Concen: 104.958 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032382.D
 Acq: 28 Jan 2018 8:07

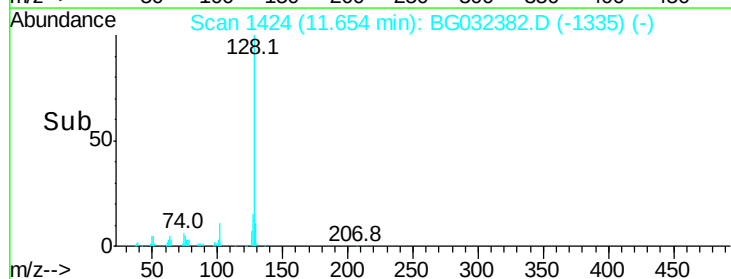
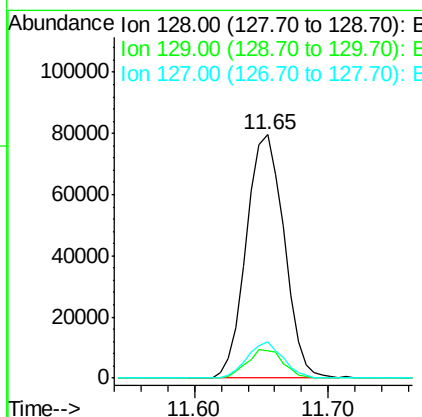
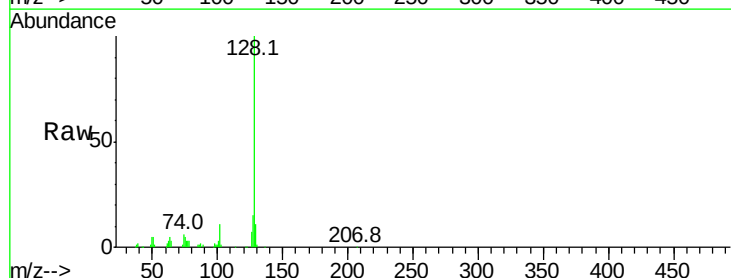
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-202

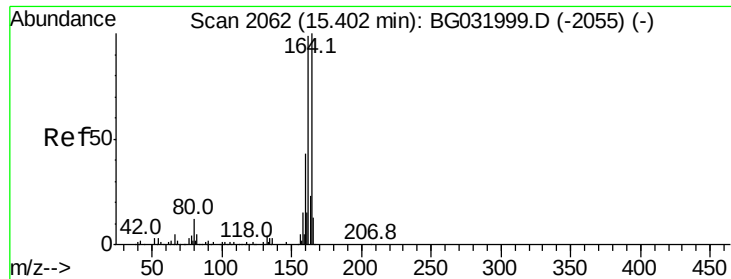
Tot Ion: 82 Resp: 190886
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 48.0 43.1 64.7



#31
 Naphthalene
 Concen: 25.568 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032382.D
 Acq: 28 Jan 2018 8:07

Tgt Ion: 128 Resp: 155845
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 14.7 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

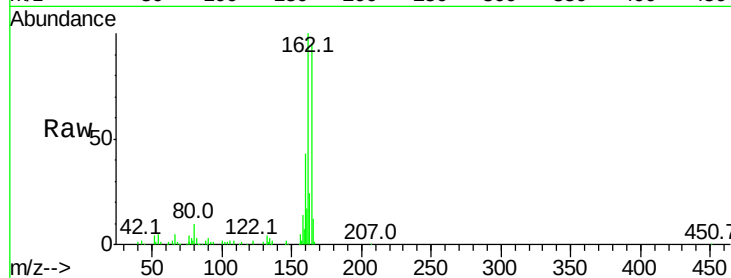
Tot Ion:164 Resp: 78497

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

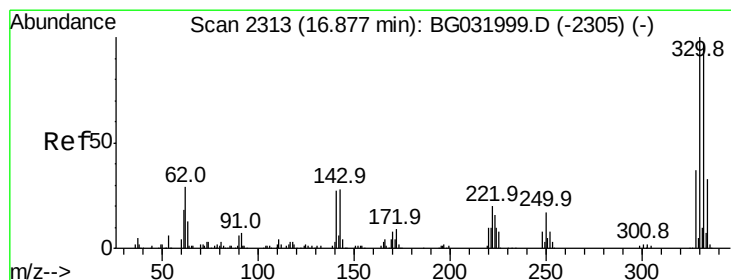
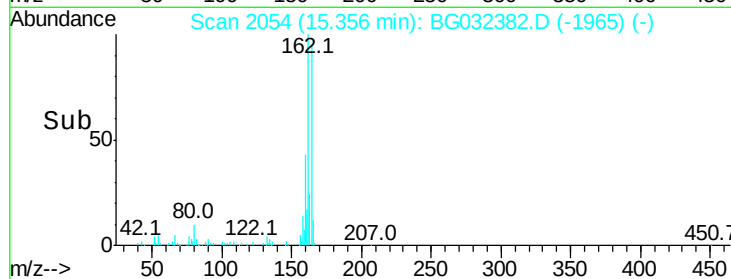
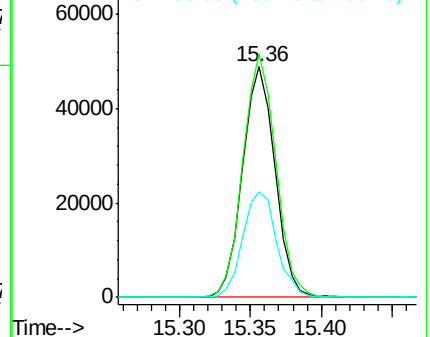
160 45.6 35.4 53.0



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: 168.736 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

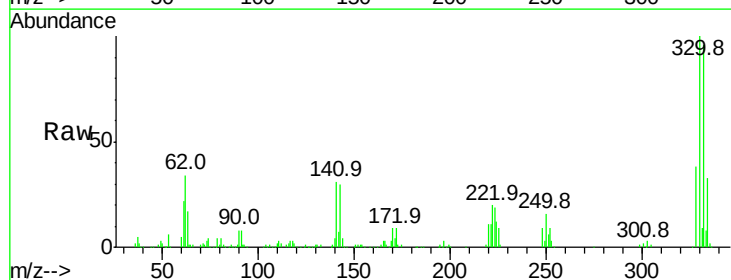
Tgt Ion:330 Resp: 219178

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

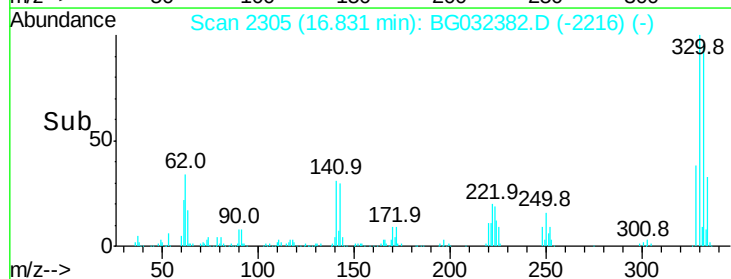
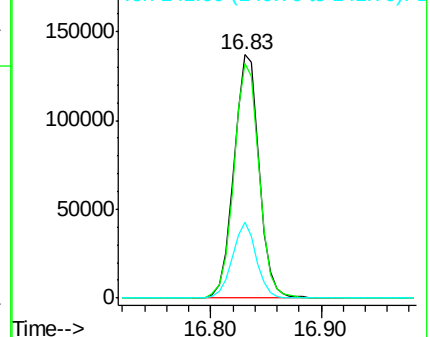
141 29.6 25.2 37.8

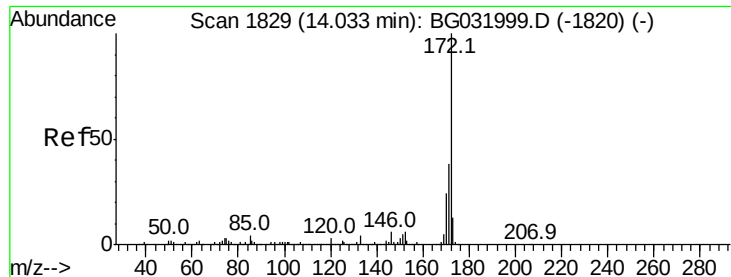


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

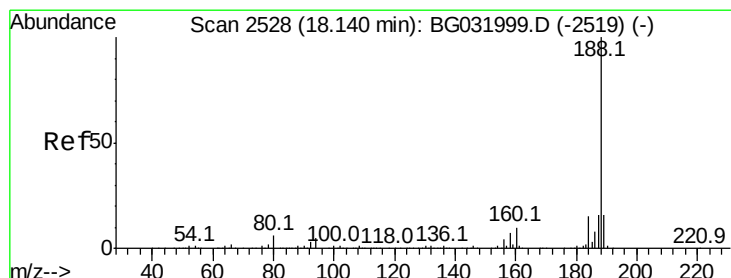
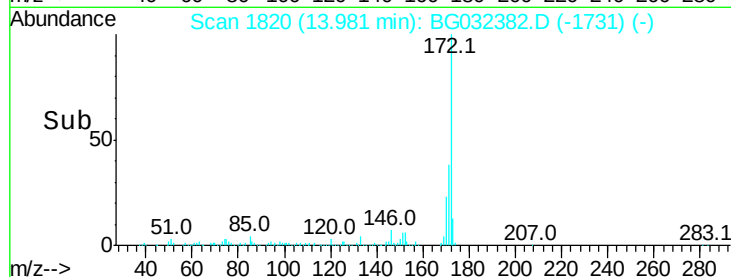
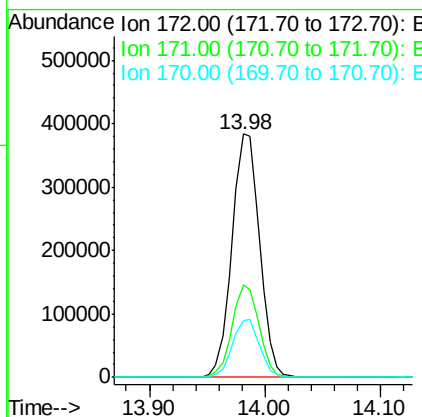
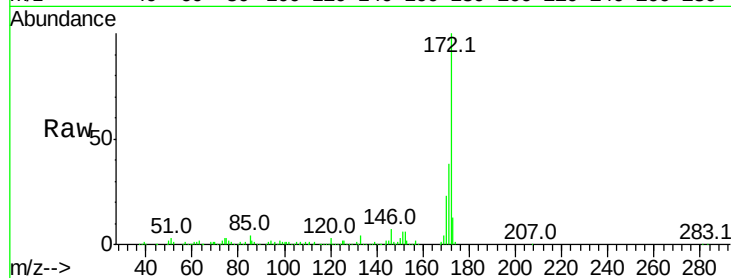




#44
2-Fluorobiphenyl
Concen: 100.366 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032382.D
Acq: 28 Jan 2018 8:07

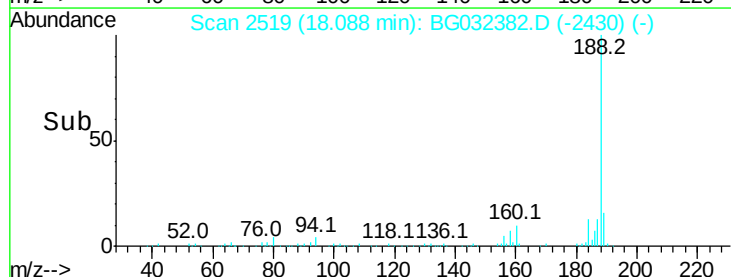
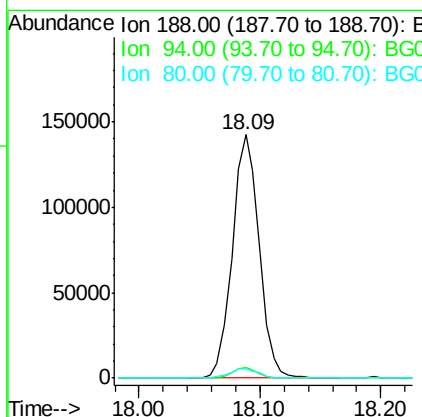
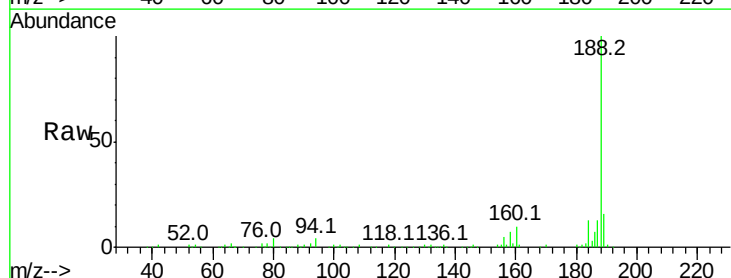
Instrument :
BNA_G
ClientSampleId :
MANHOLE-202

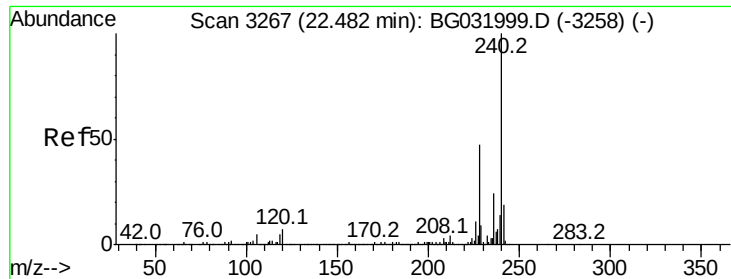
Tot Ion:172 Resp: 635385
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 23.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032382.D
Acq: 28 Jan 2018 8:07

Tgt Ion:188 Resp: 219159
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

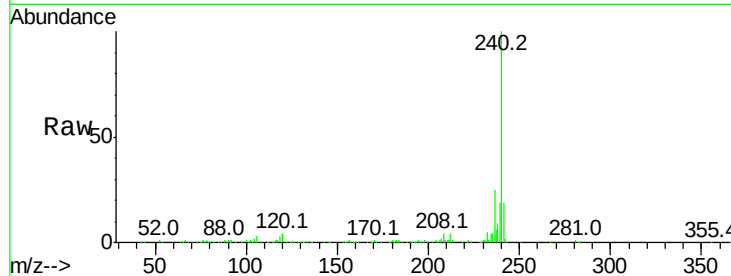
Tot Ion:240 Resp: 285540

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

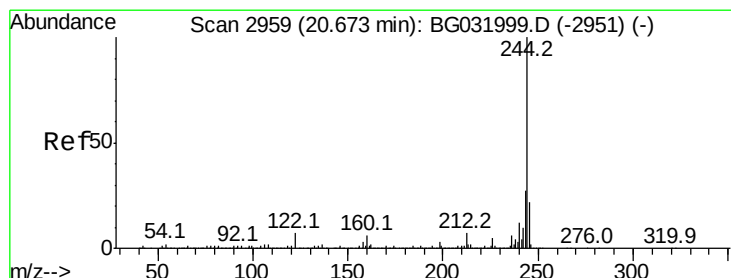
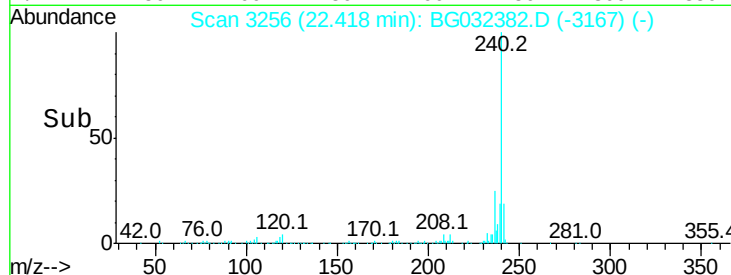
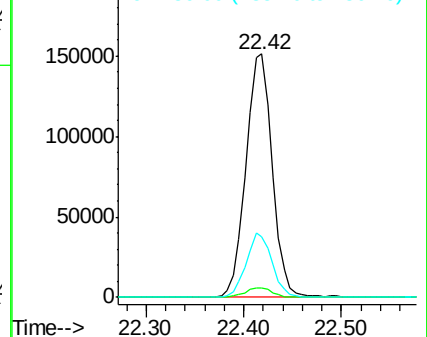
236 24.8 20.9 31.3



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: 109.709 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032382.D

Acq: 28 Jan 2018 8:07

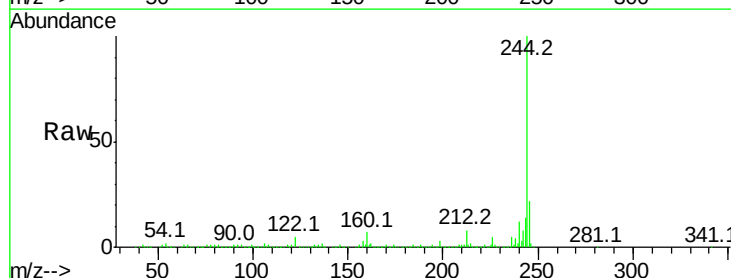
Tgt Ion:244 Resp: 1418734

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

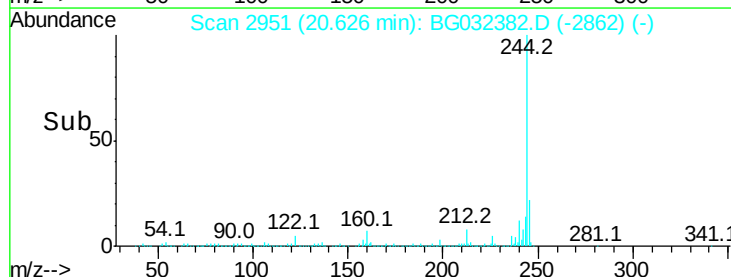
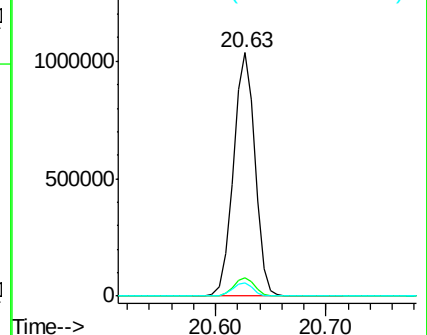
122 5.5 7.0 10.4#

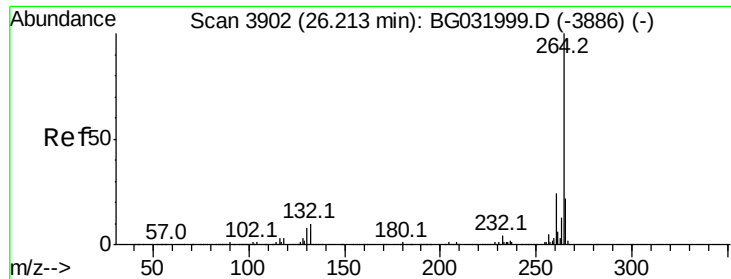


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032382.D
Acq: 28 Jan 2018 8:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-202

Tot Ion:264 Resp: 142062
Ion Ratio Lower Upper
264 100
260 27.9 17.4 26.0#
265 24.5 17.7 26.5

