

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032319.D
 Acq On : 26 Jan 2018 7:54
 Operator : SJ/JU
 Sample : J1307-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-202

Quant Time: Jan 26 15:15:58 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

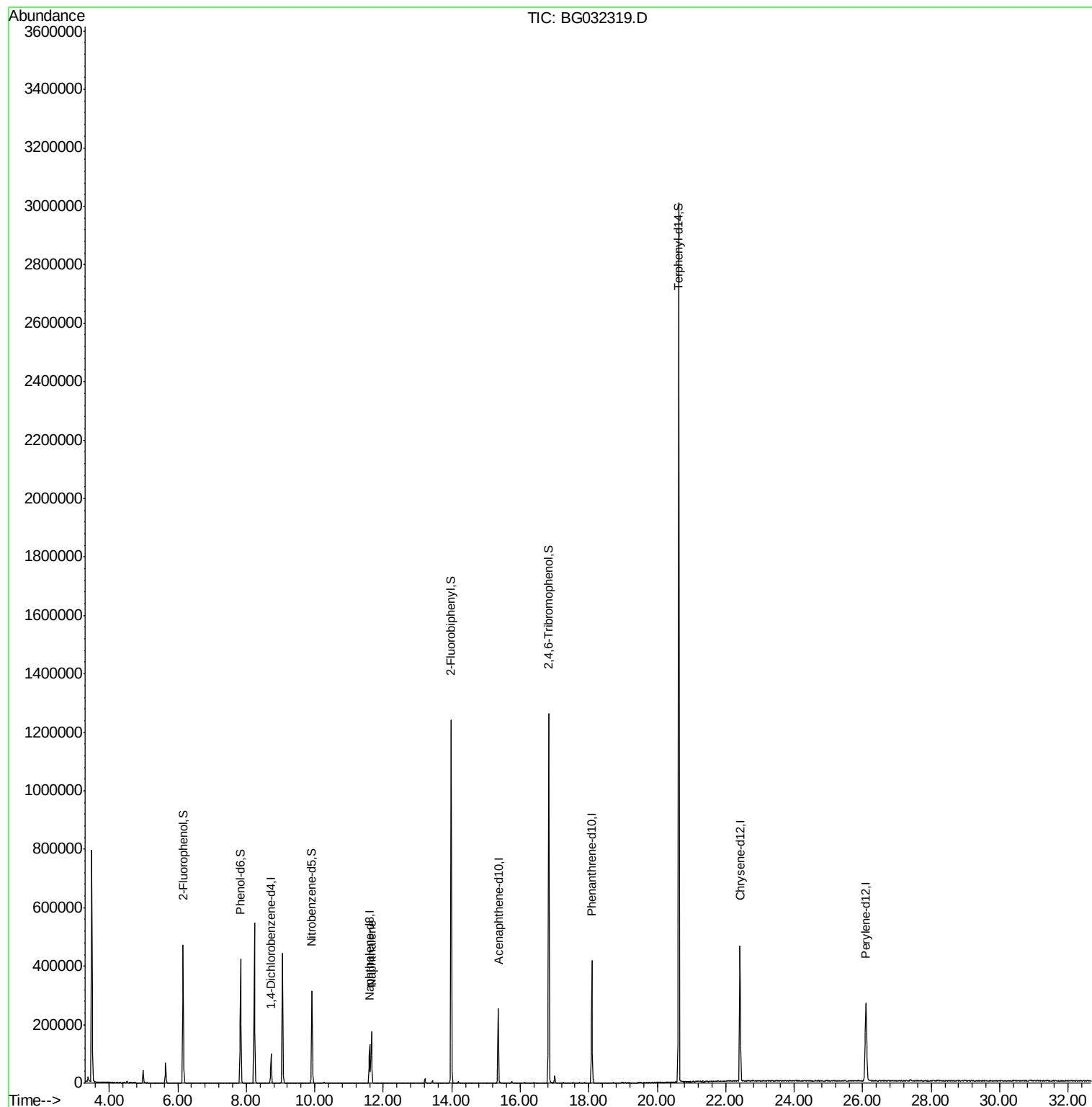
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32853	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	129981	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	97462	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	284812	20.00	ng	0.00
75) Chrysene-d12	22.41	240	357385	20.00	ng	-0.01
86) Perylene-d12	26.10	264	354155	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	224869	125.19	ng	0.00
7) Phenol-d6	7.84	99	256069	113.19	ng	0.00
23) Nitrobenzene-d5	9.92	82	201614	104.94	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	273787	169.76	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	722030	91.86	ng	0.00
78) Terphenyl-d14	20.63	244	1587972	98.11	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.65	128	163267	25.356	ng	98

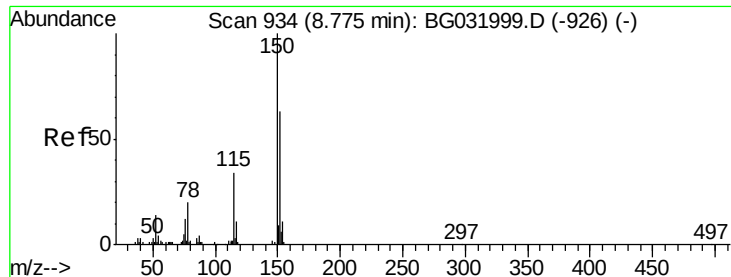
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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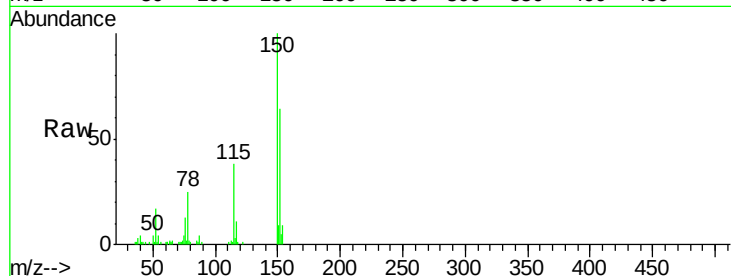


#1

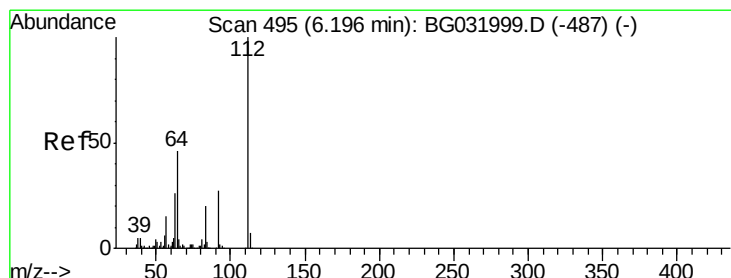
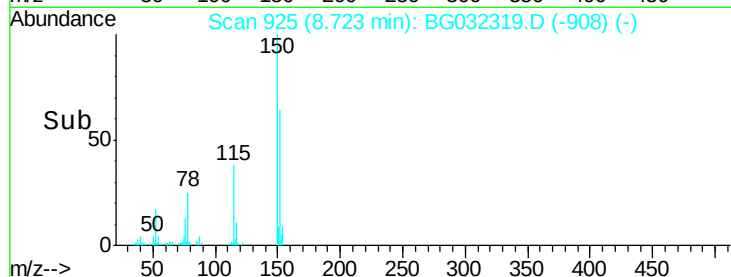
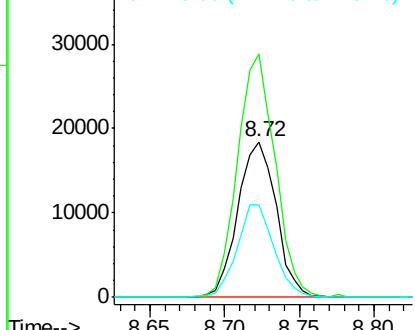
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032319.D
Acq: 26 Jan 2018 7:54

Instrument :
BNA_G
ClientSampleId :
MANHOLE-202

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	59.8	53.0	79.4



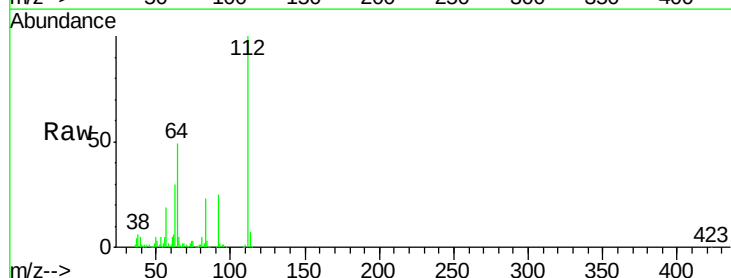
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



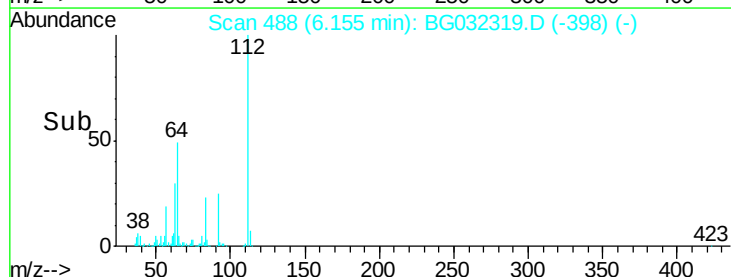
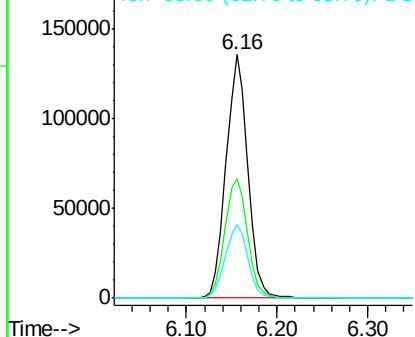
#5

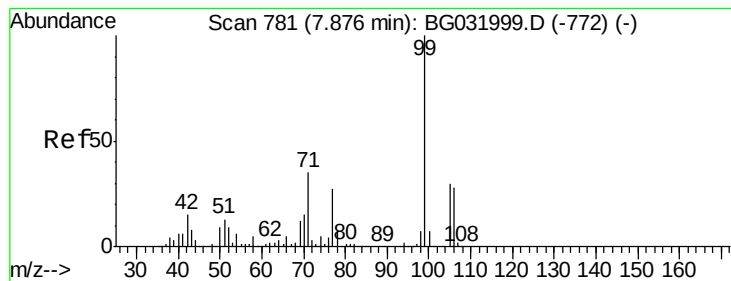
2-Fluorophenol
Concen: 125.185 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032319.D
Acq: 26 Jan 2018 7:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	56.3	84.5#
63	30.1	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: 113.189 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032319.D

Acq: 26 Jan 2018 7:54

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

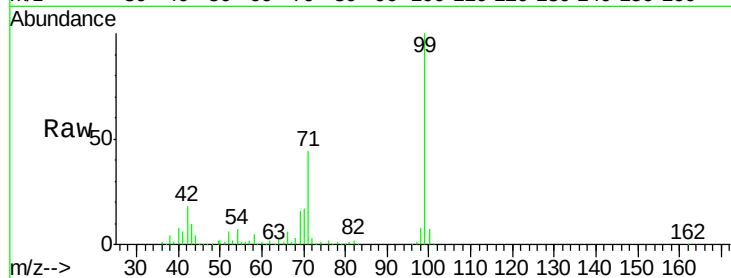
Tot Ion: 99 Resp: 256069

Ion Ratio Lower Upper

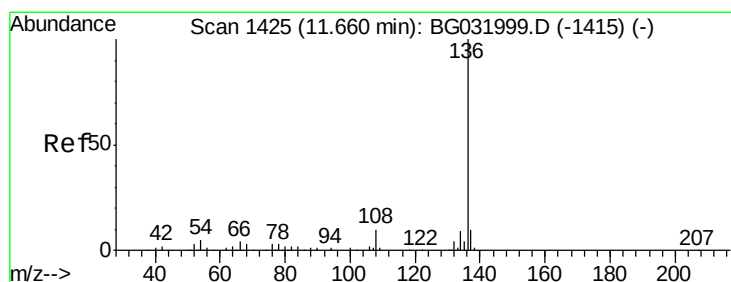
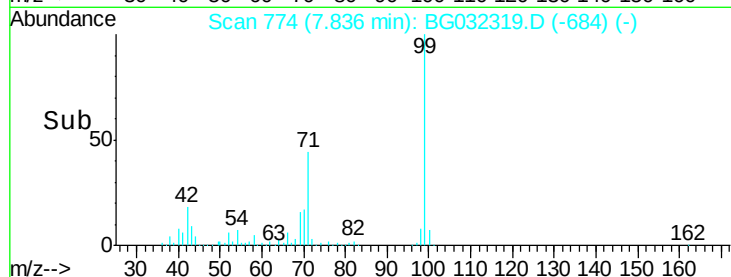
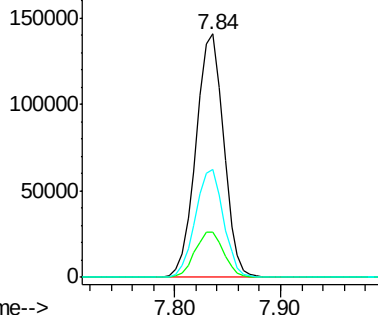
99 100

42 18.3 14.1 21.1

71 44.3 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: BG032319.D

Acq: 26 Jan 2018 7:54

Tgt Ion: 136 Resp: 129981

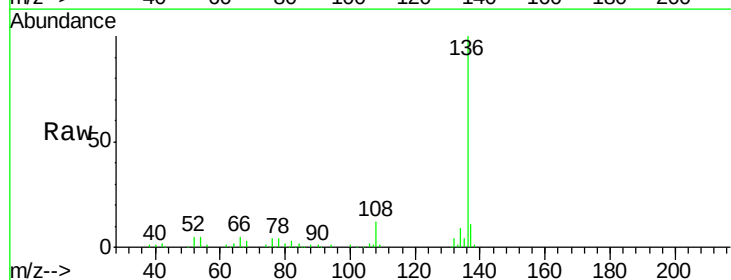
Ion Ratio Lower Upper

136 100

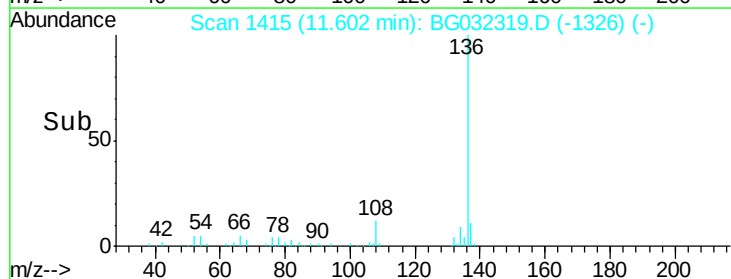
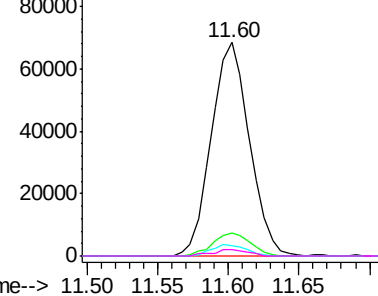
137 10.8 9.2 13.8

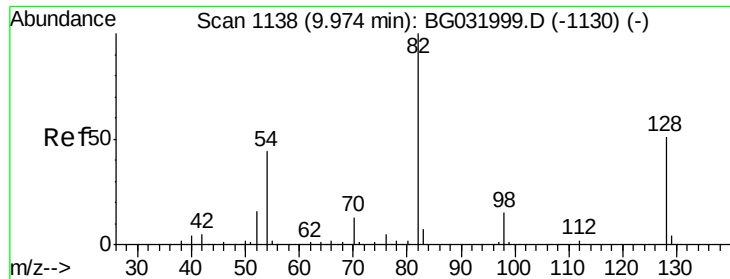
54 4.8 10.3 15.5#

68 2.9 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

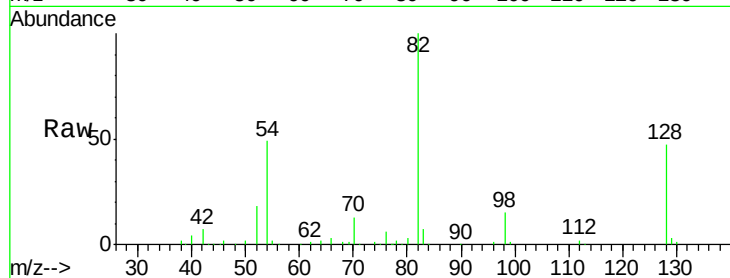




#23
 Nitrobenzene-d5
 Concen: 104.939 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032319.D
 Acq: 26 Jan 2018 7:54

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-202

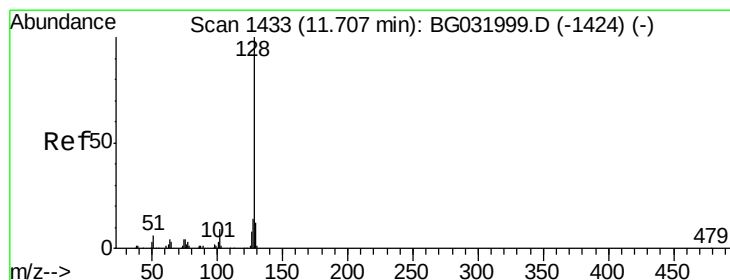
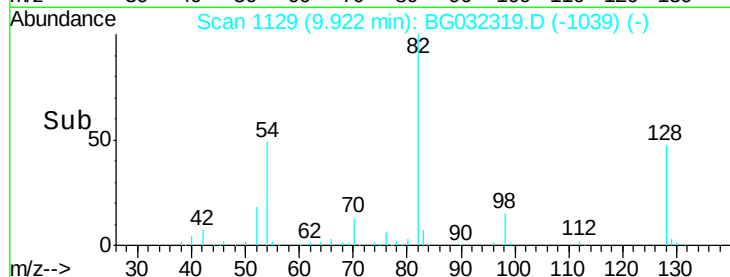
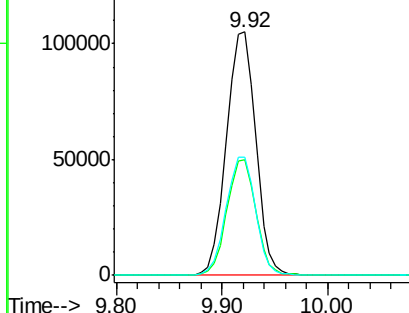
Tot Ion	82	Resp	201614
Ion Ratio	Lower	Upper	
82	100		
128	47.4	29.7	44.5#
54	48.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG032319.D (-1130) (-)

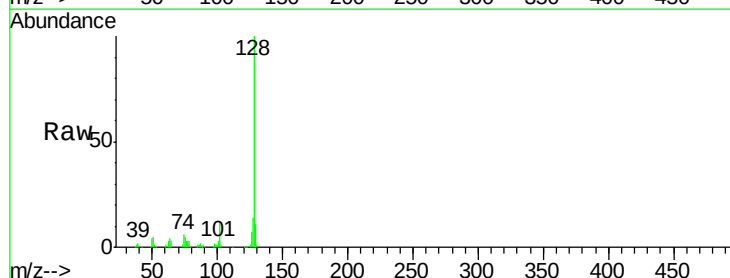
Ion 128.00 (127.70 to 128.70): BG032319.D (-1130) (-)

Ion 54.00 (53.70 to 54.70): BG032319.D (-1130) (-)



#31
 Naphthalene
 Concen: 25.356 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032319.D
 Acq: 26 Jan 2018 7:54

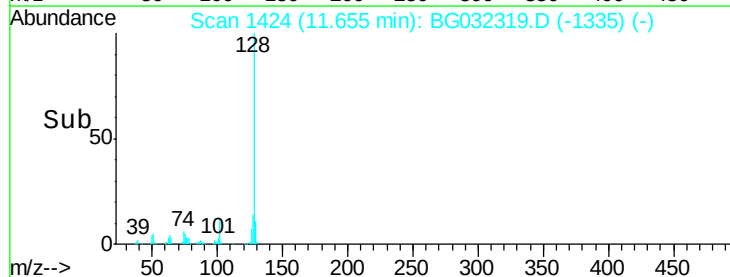
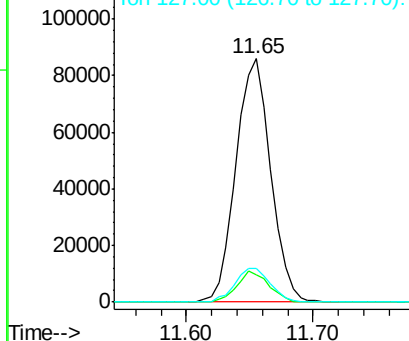
Tgt Ion	128	Resp	163267
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	12.8
127	13.8	11.6	17.4

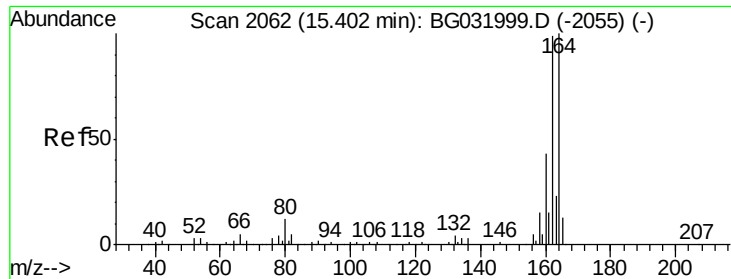


Abundance Ion 128.00 (127.70 to 128.70): BG032319.D (-1424) (-)

Ion 129.00 (128.70 to 129.70): BG032319.D (-1424) (-)

Ion 127.00 (126.70 to 127.70): BG032319.D (-1424) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032319.D

Acq: 26 Jan 2018 7:54

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

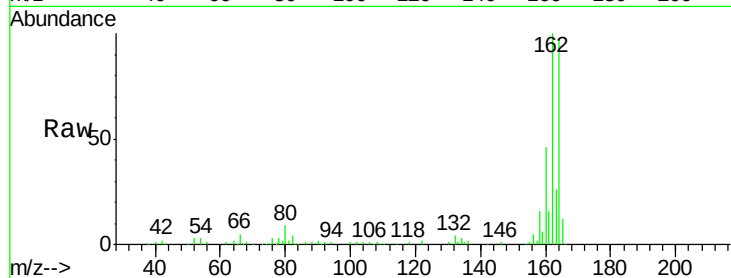
Tot Ion:164 Resp: 97462

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

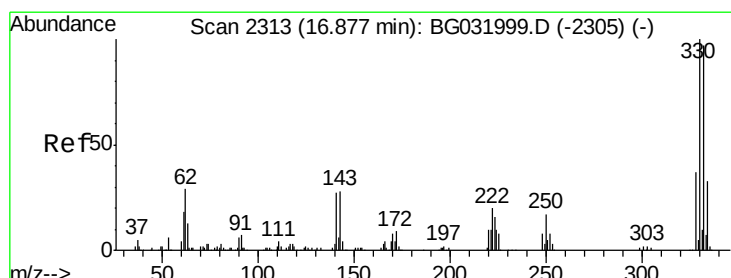
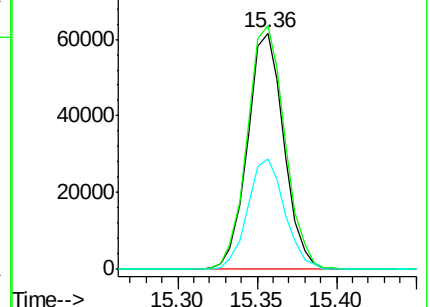
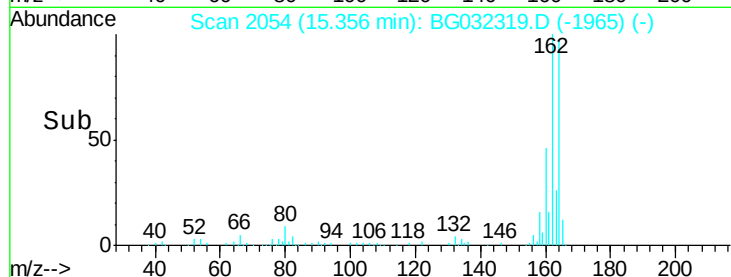
160 47.0 35.4 53.0



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: 169.762 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032319.D

Acq: 26 Jan 2018 7:54

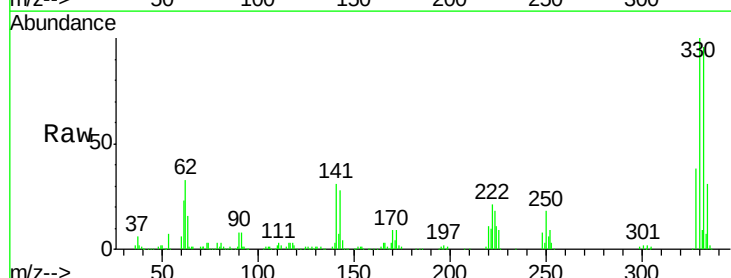
Tgt Ion:330 Resp: 273787

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

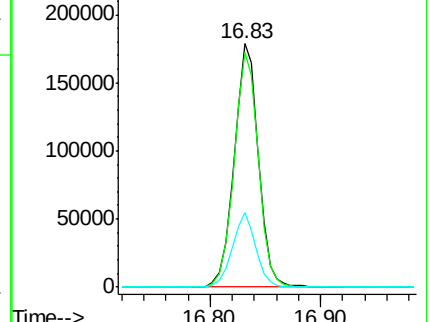
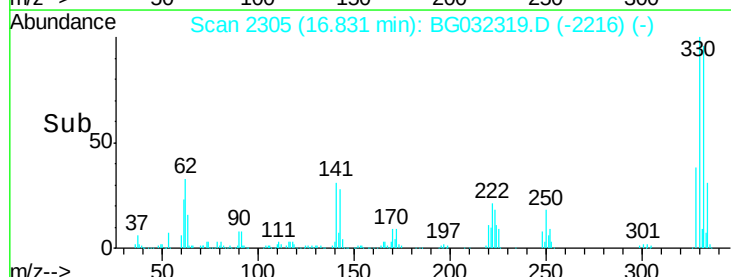
141 29.5 25.2 37.8

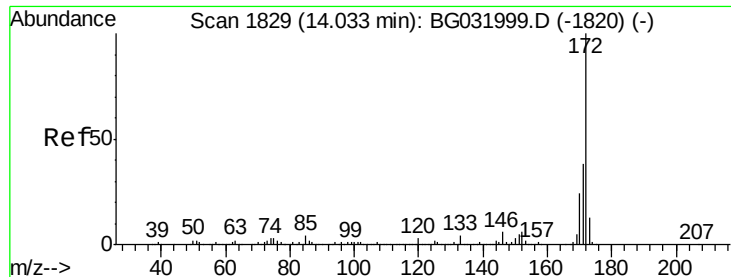


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

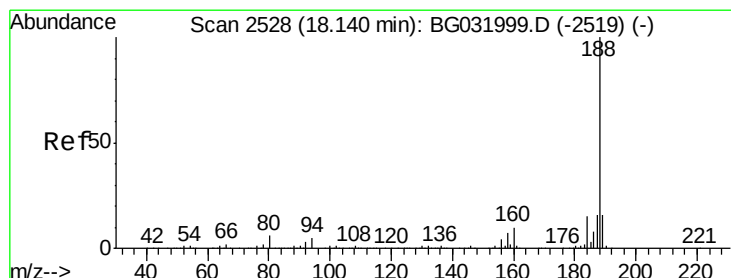
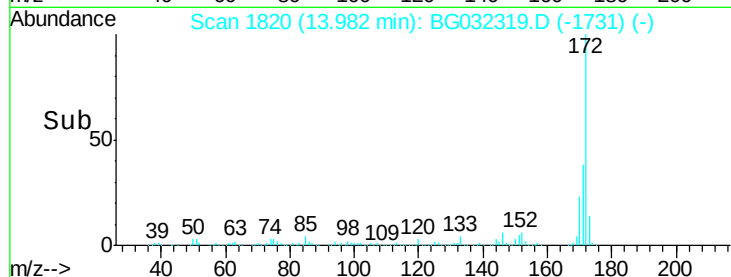
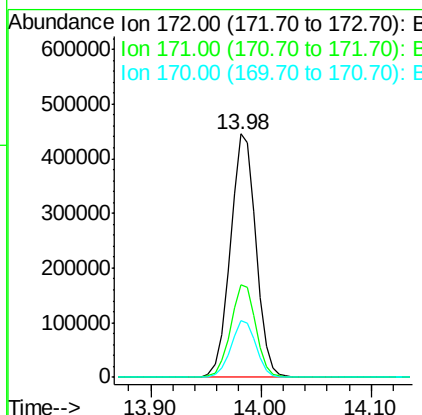
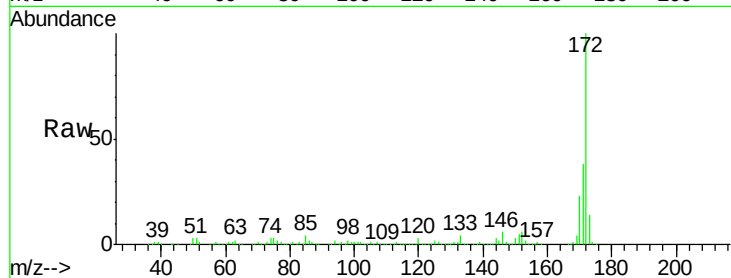




#44
2-Fluorobiphenyl
Concen: 91.860 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032319.D
Acq: 26 Jan 2018 7:54

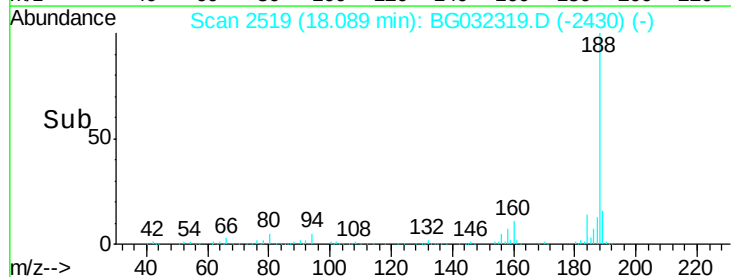
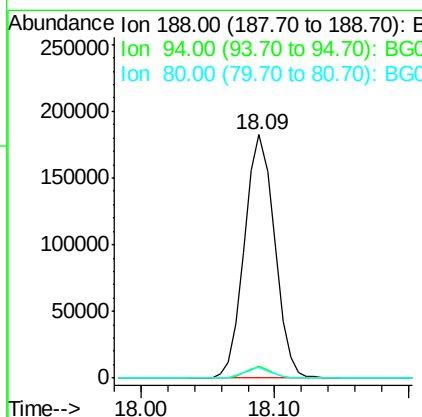
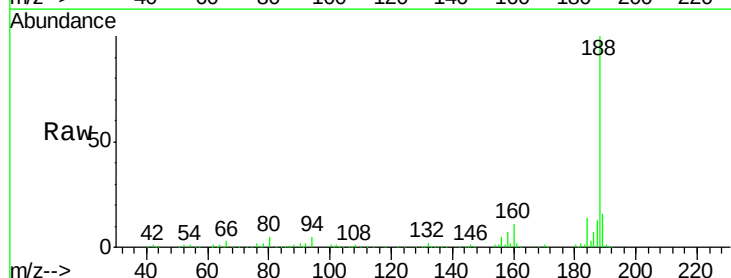
Instrument :
BNA_G
ClientSampleId :
MANHOLE-202

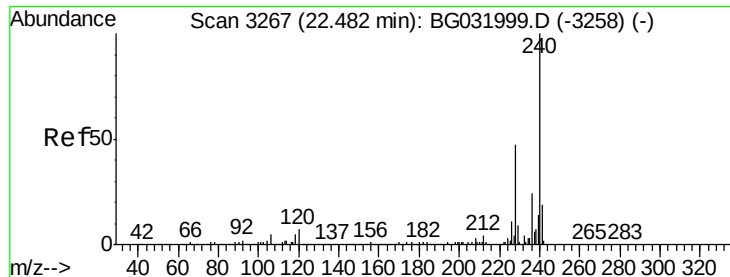
Tot Ion:172 Resp: 722030
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 23.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032319.D
Acq: 26 Jan 2018 7:54

Tgt Ion:188 Resp: 284812
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 4.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032319.D

Acq: 26 Jan 2018 7:54

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

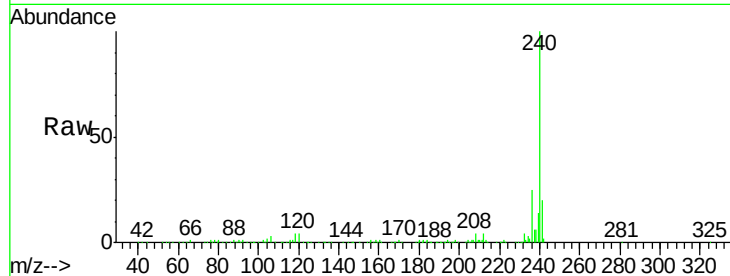
Tot Ion:240 Resp: 357385

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

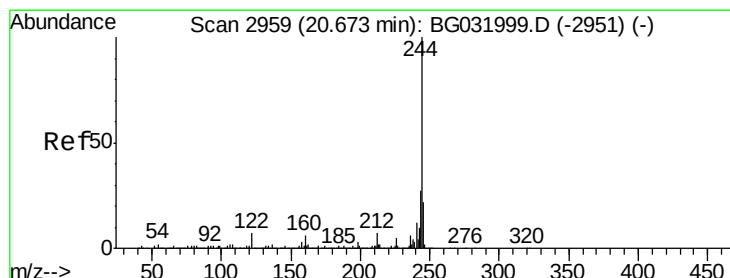
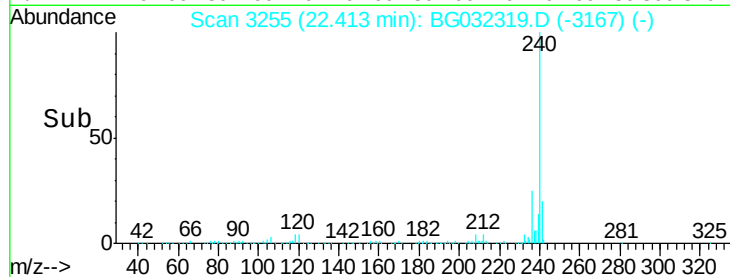
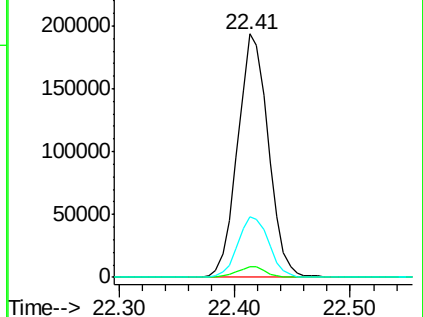
236 24.9 20.9 31.3



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: 98.110 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032319.D

Acq: 26 Jan 2018 7:54

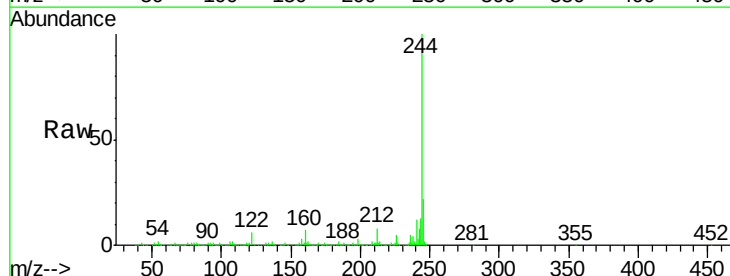
Tgt Ion:244 Resp: 1587972

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

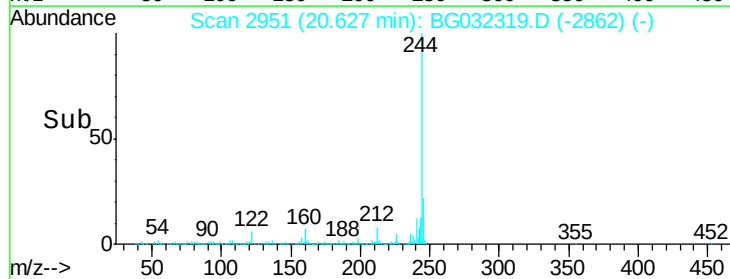
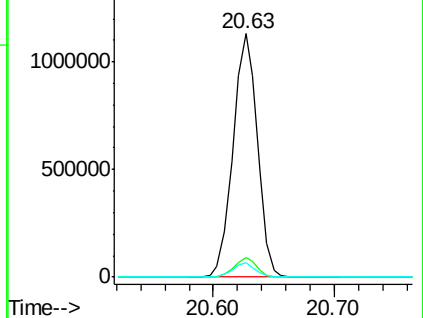
122 5.9 7.0 10.4#

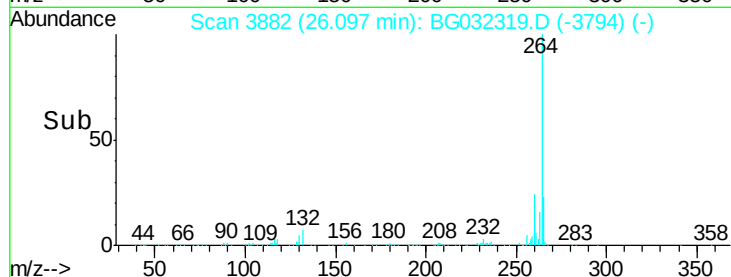
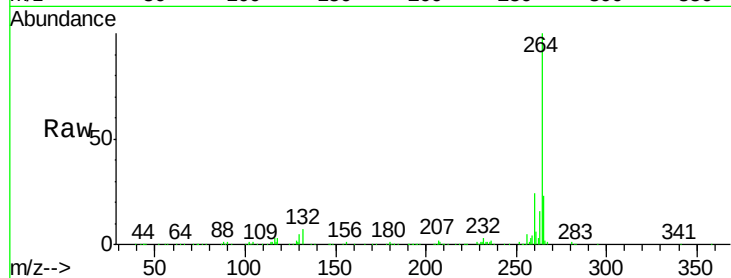
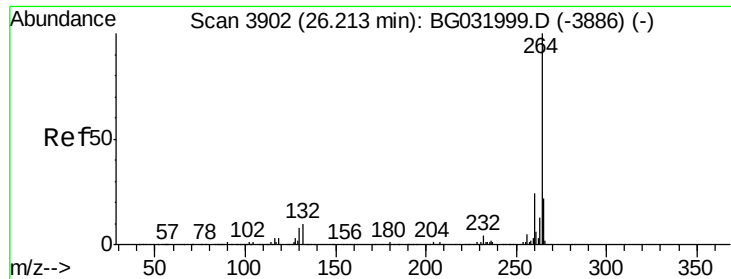


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG032319.D

Acq: 26 Jan 2018 7:54

Instrument :

BNA_G

ClientSampleId :

MANHOLE-202

Tot Ion:264 Resp: 354155

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.8 17.7 26.5

