

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032374.D
 Acq On : 28 Jan 2018 3:07
 Operator : SJ/JU
 Sample : J1307-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-201

Quant Time: Jan 28 03:45:40 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

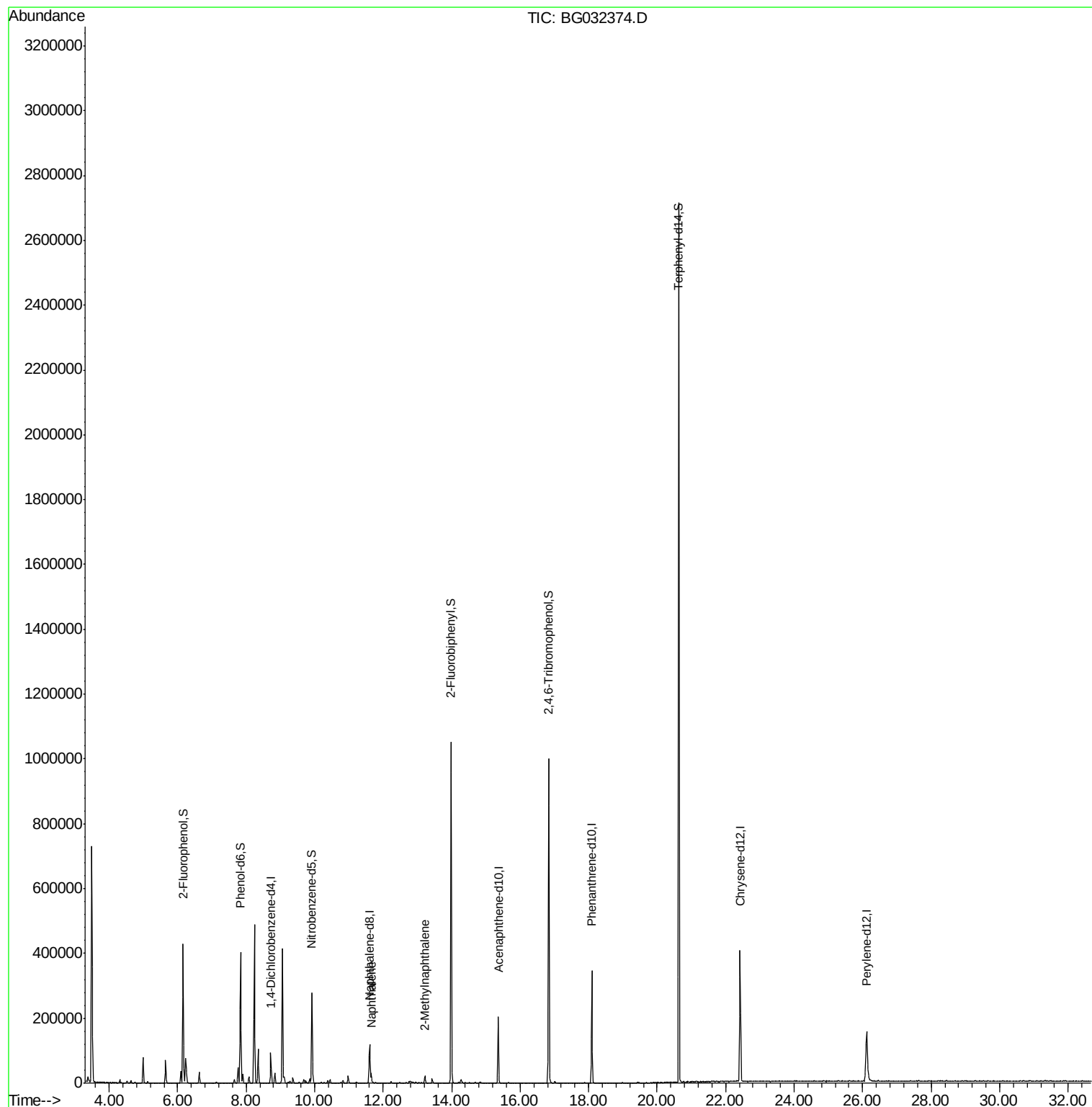
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30918	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	114201	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	76144	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	231393	20.00	ng	0.00
75) Chrysene-d12	22.42	240	312421	20.00	ng	0.00
86) Perylene-d12	26.12	264	196046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	203473	120.36	ng	0.00
7) Phenol-d6	7.83	99	227334	106.78	ng	0.00
23) Nitrobenzene-d5	9.92	82	171435	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	224243	177.97	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	606781	98.81	ng	0.00
78) Terphenyl-d14	20.63	244	1464784	103.52	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	27542	4.868	ng	97
37) 2-Methylnaphthalene	13.22	142	12129	2.700	ng	90

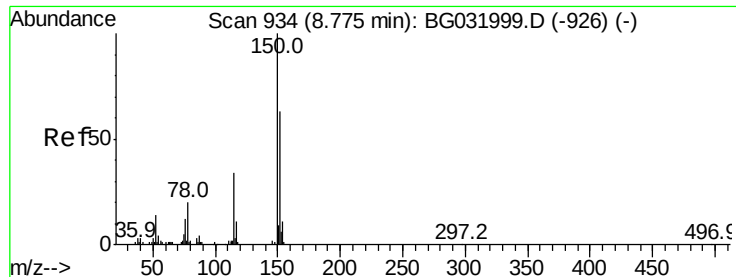
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

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ClientSampleId :

MANHOLE-201

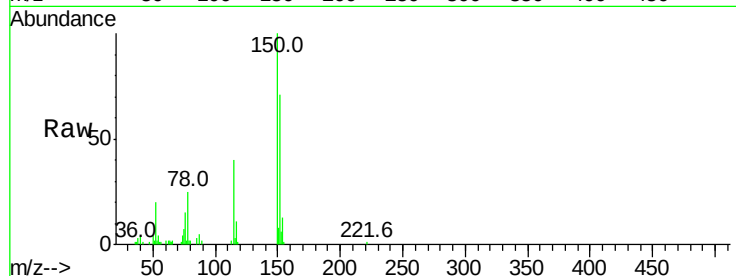
Tot Ion:152 Resp: 30918

Ion Ratio Lower Upper

152 100

150 140.0 126.6 189.8

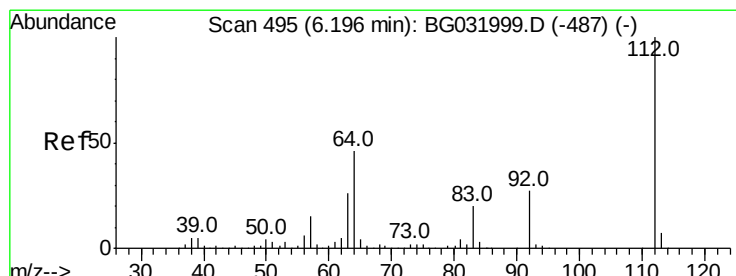
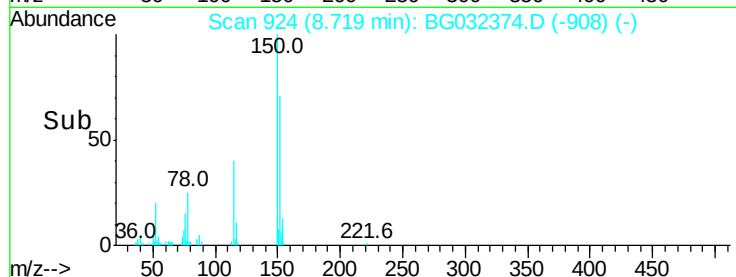
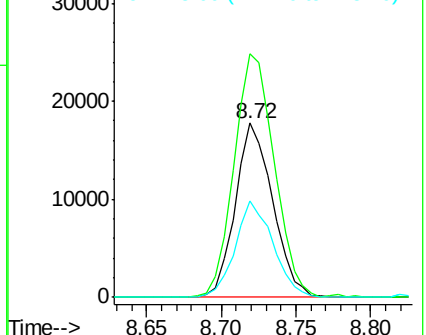
115 55.6 53.0 79.4



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: 120.363 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

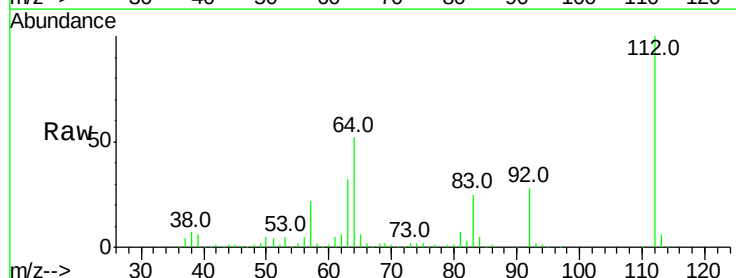
Tgt Ion:112 Resp: 203473

Ion Ratio Lower Upper

112 100

64 51.8 56.3 84.5#

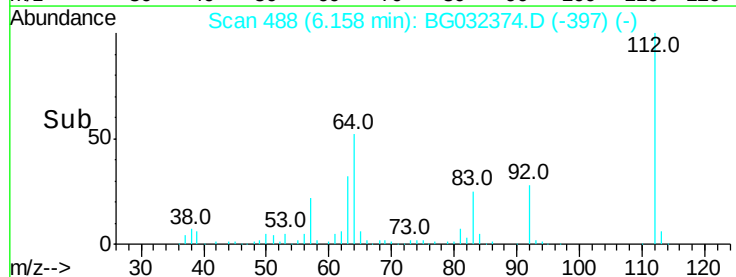
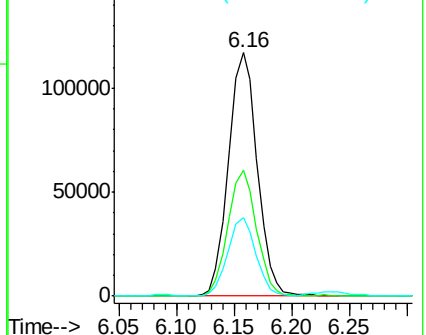
63 32.3 30.1 45.1

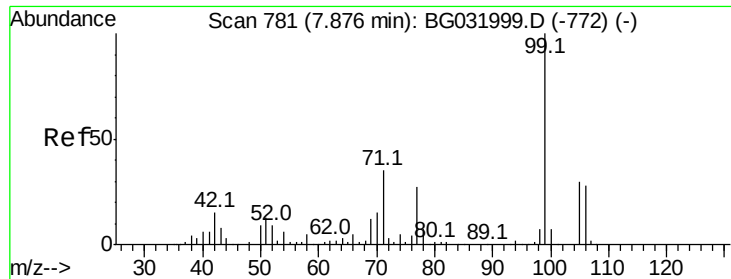


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.776 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

Instrument :

BNA_G

ClientSampleId :

MANHOLE-201

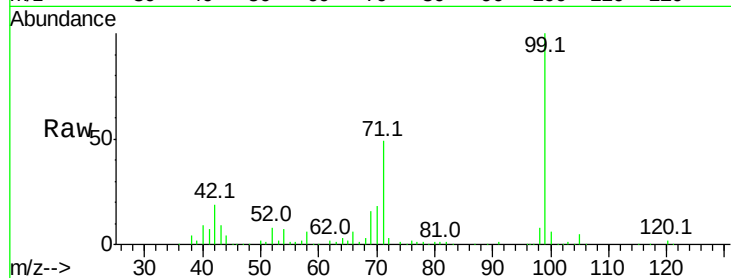
Tot Ion: 99 Resp: 227334

Ion Ratio Lower Upper

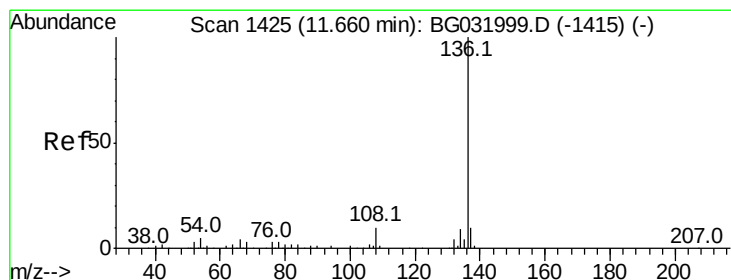
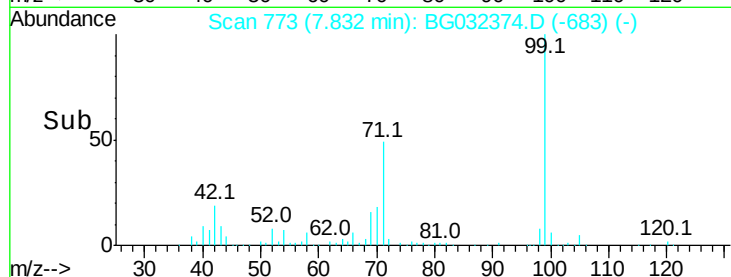
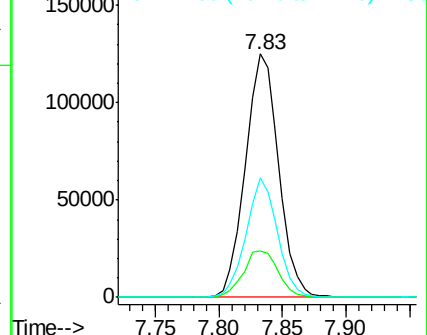
99 100

42 19.0 14.1 21.1

71 49.2 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. -0.00 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

Tgt Ion: 136 Resp: 114201

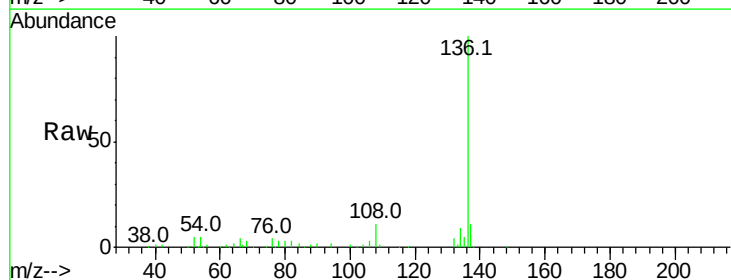
Ion Ratio Lower Upper

136 100

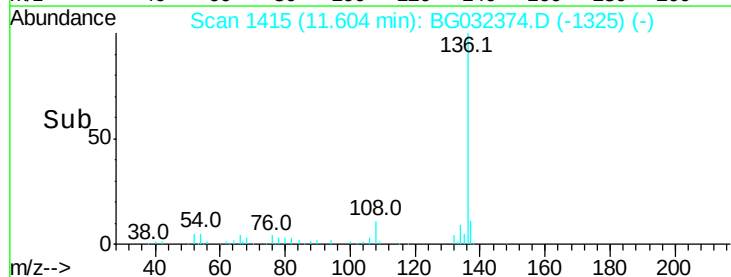
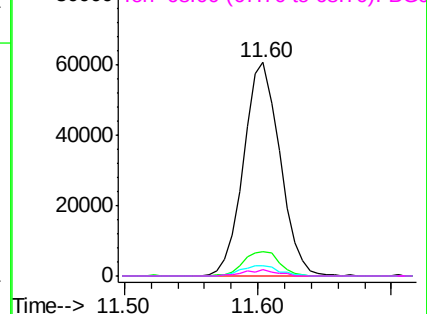
137 11.2 9.2 13.8

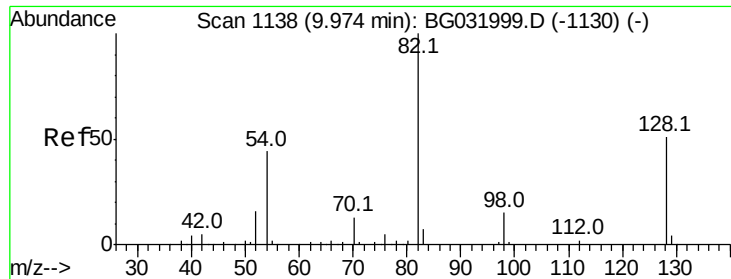
54 5.0 10.3 15.5#

68 3.0 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

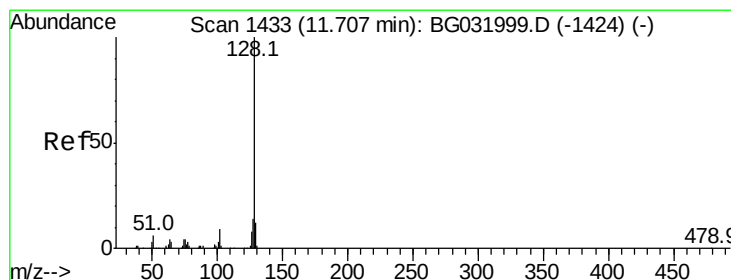
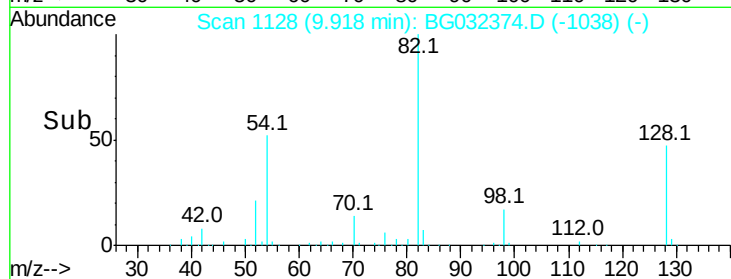
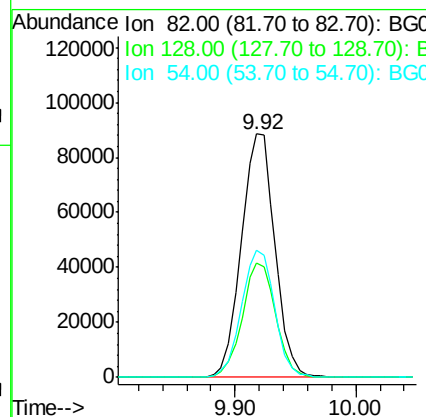
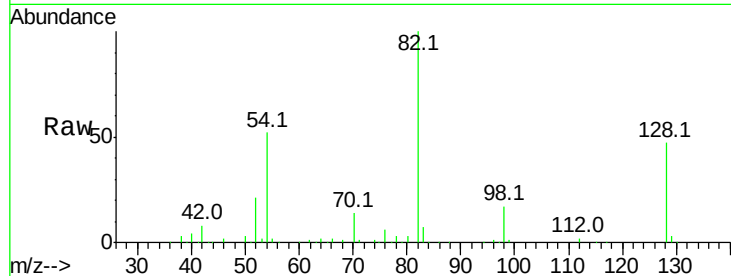




#23
 Nitrobenzene-d5
 Concen: 101.561 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032374.D
 Acq: 28 Jan 2018 3:07

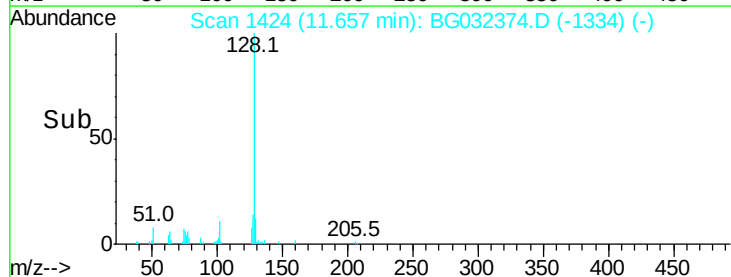
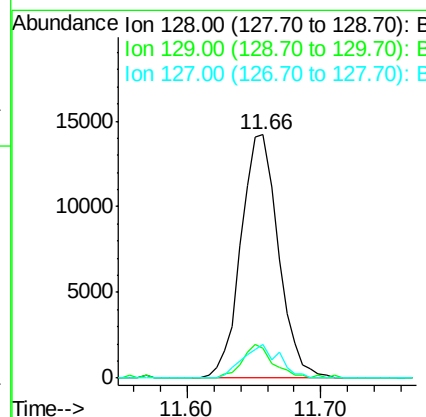
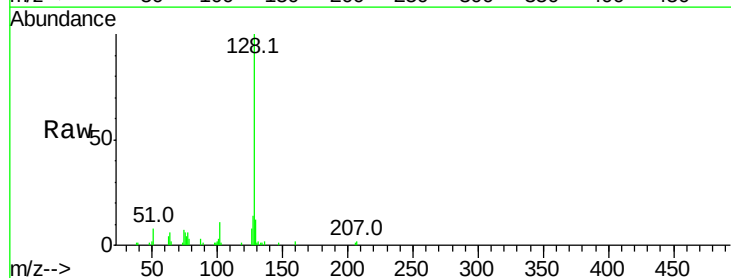
Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-201

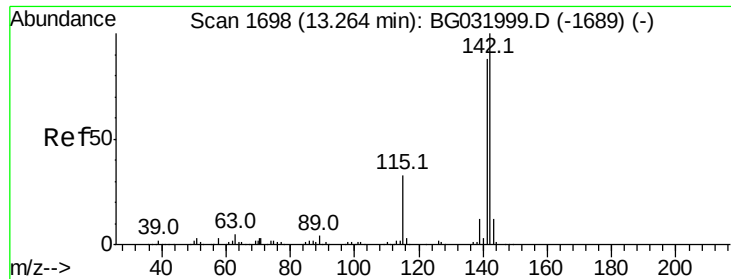
Tot Ion: 82 Resp: 171435
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 52.0 43.1 64.7



#31
 Naphthalene
 Concen: 4.868 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032374.D
 Acq: 28 Jan 2018 3:07

Tgt Ion: 128 Resp: 27542
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.6 12.8
 127 13.9 11.6 17.4

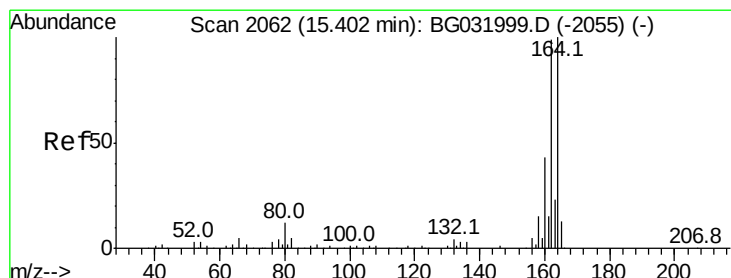
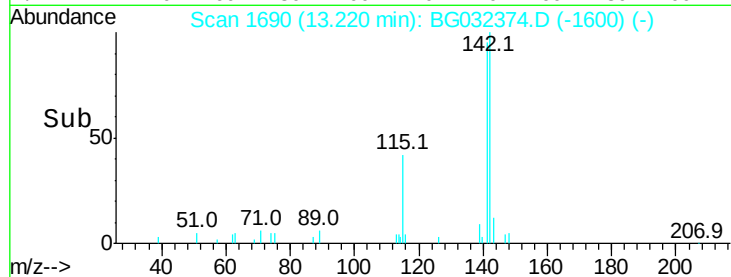
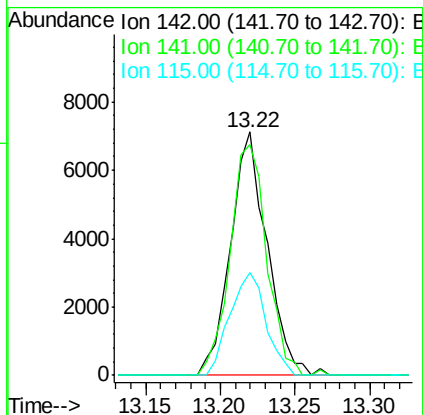
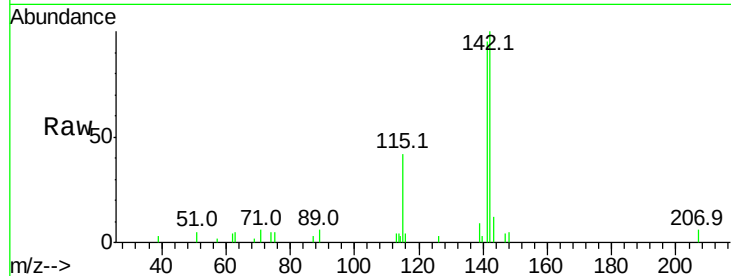




#37
2-Methylnaphthalene
Concen: 2.700 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

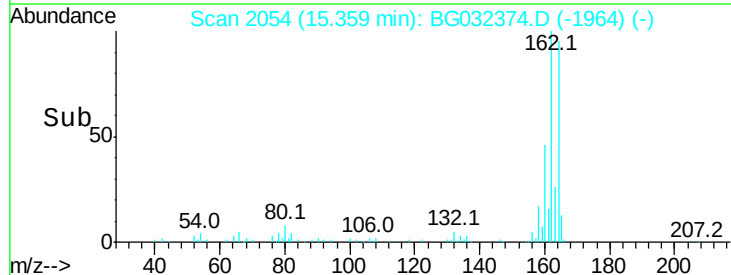
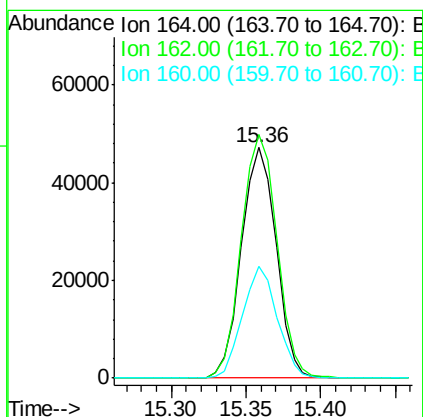
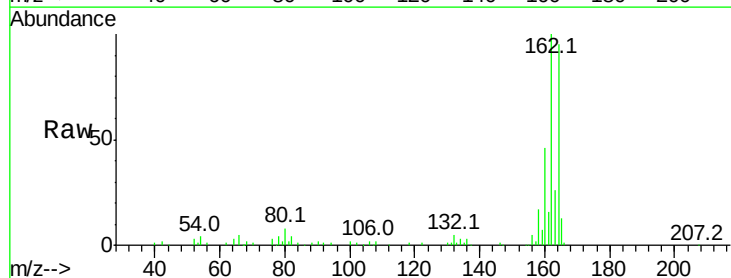
Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

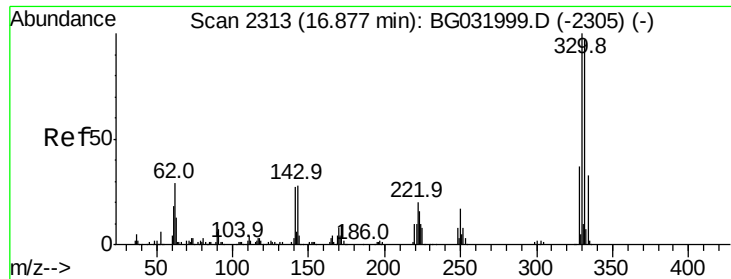
Tot Ion:142 Resp: 12129
Ion Ratio Lower Upper
142 100
141 94.6 67.1 100.7
115 42.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:164 Resp: 76144
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 48.4 35.4 53.0

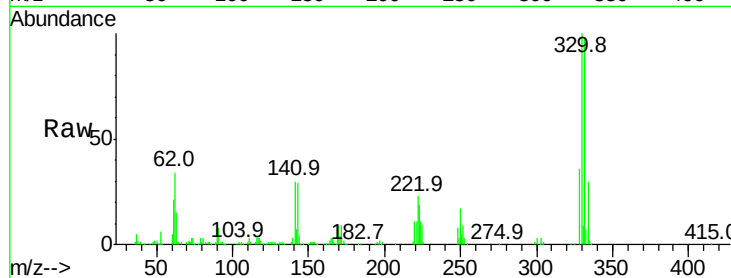




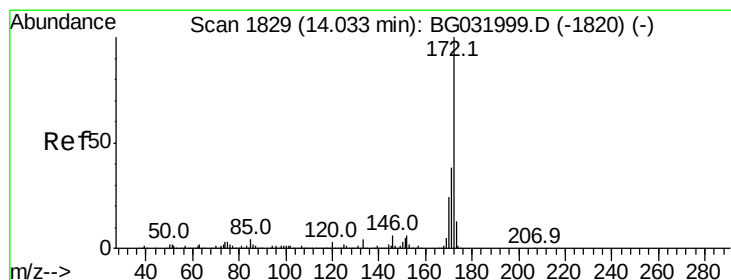
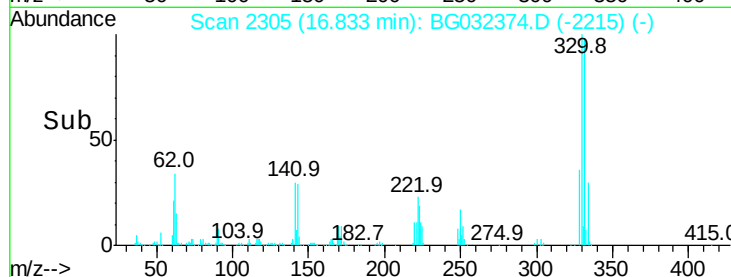
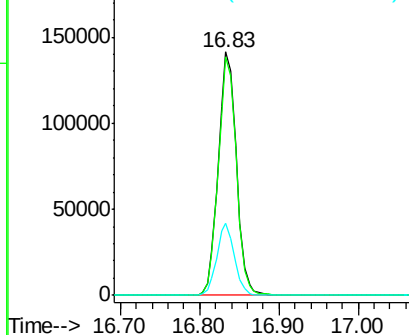
#41
 2,4,6-Tribromophenol
 Concen: 177.970 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032374.D
 Acq: 28 Jan 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-201

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.6	25.2	37.8

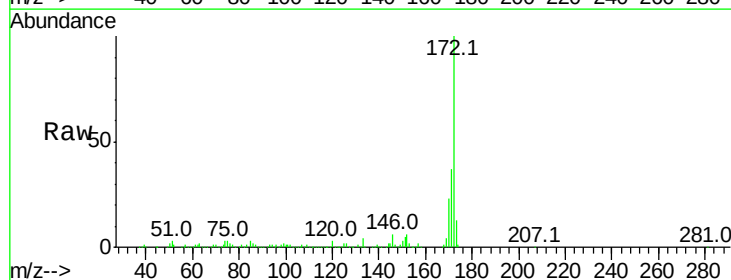


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

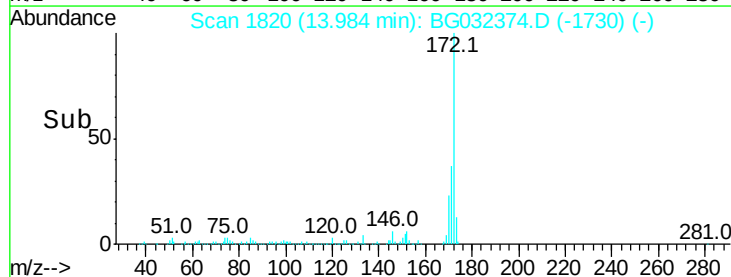
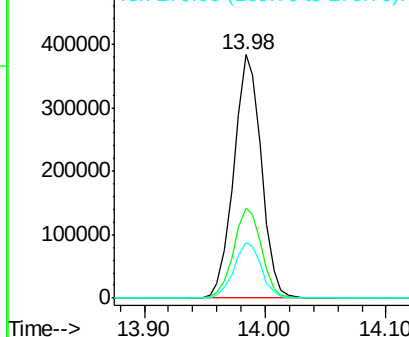


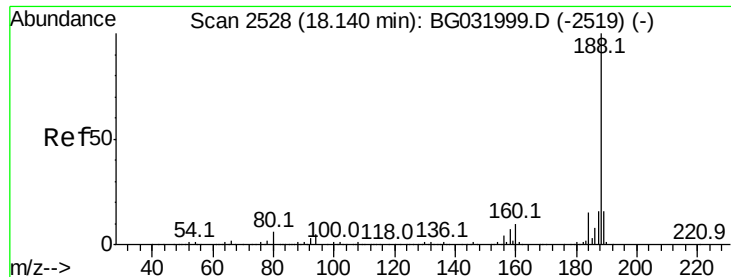
#44
 2-Fluorobiphenyl
 Concen: 98.810 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032374.D
 Acq: 28 Jan 2018 3:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.0	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

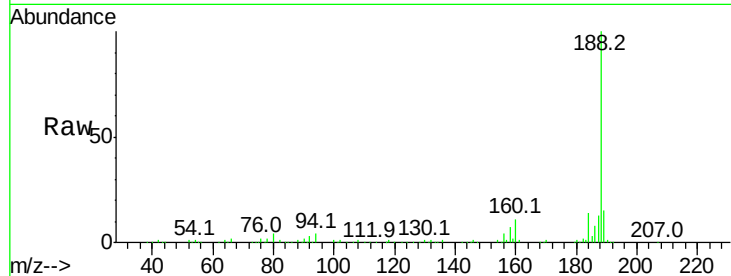




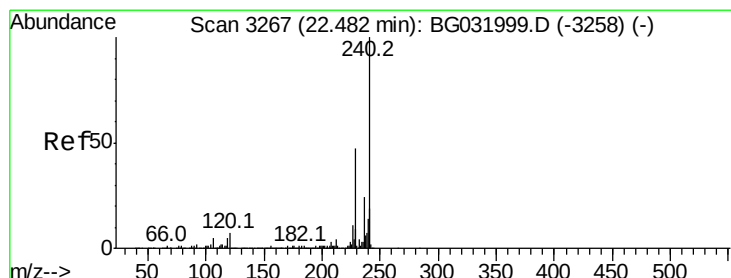
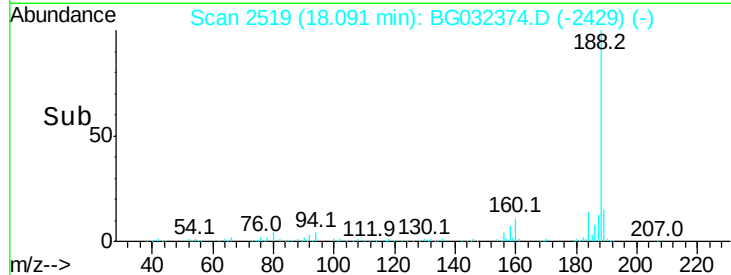
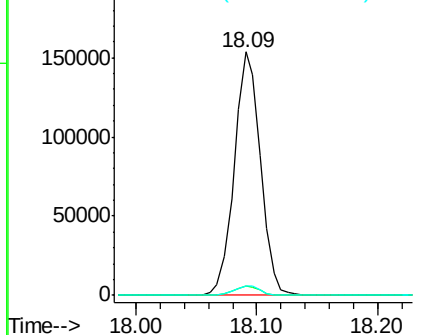
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tot Ion:188 Resp: 231393
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 3.9 7.7 11.5#

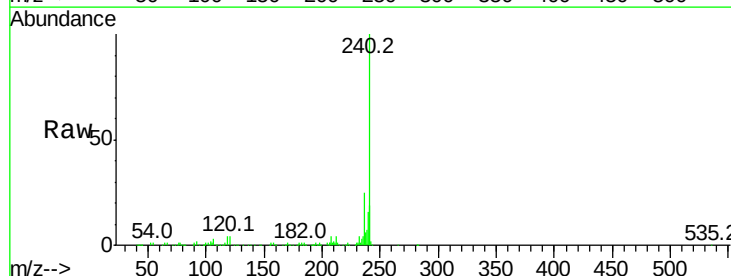


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

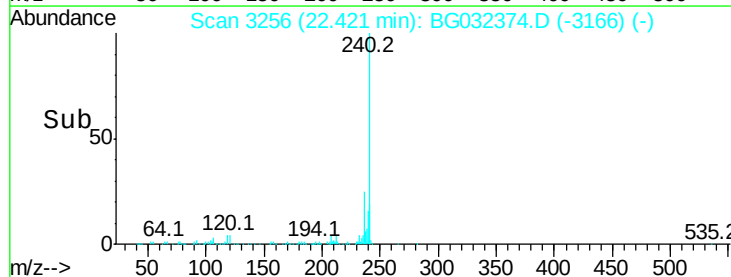
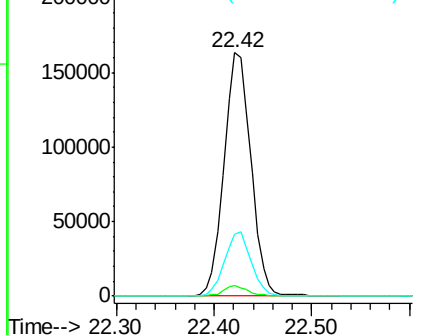


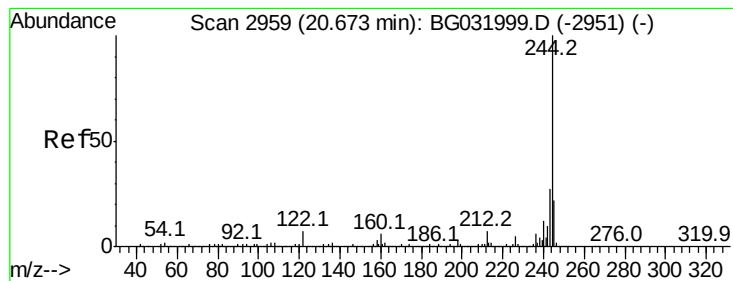
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:240 Resp: 312421
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 25.2 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: 103.524 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

Instrument :

BNA_G

ClientSampled :

MANHOLE-201

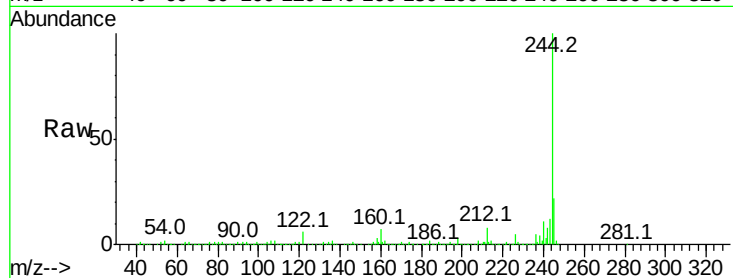
Tot Ion:244 Resp: 1464784

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.7	7.0	10.4

244 100

212 7.5 5.8 8.8

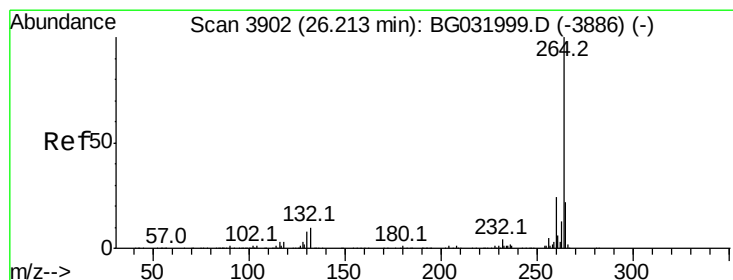
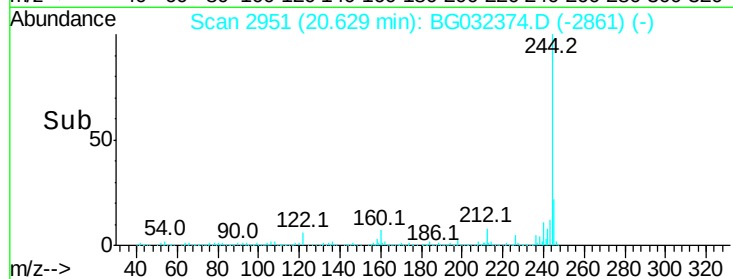
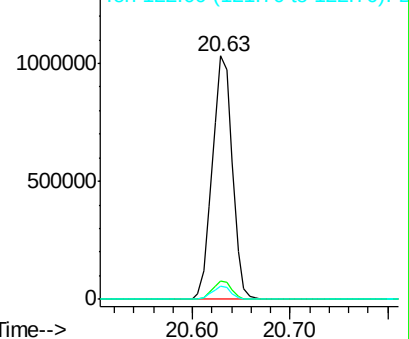
122 5.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.12 min Scan# 3885

Delta R.T. 0.01 min

Lab File: BG032374.D

Acq: 28 Jan 2018 3:07

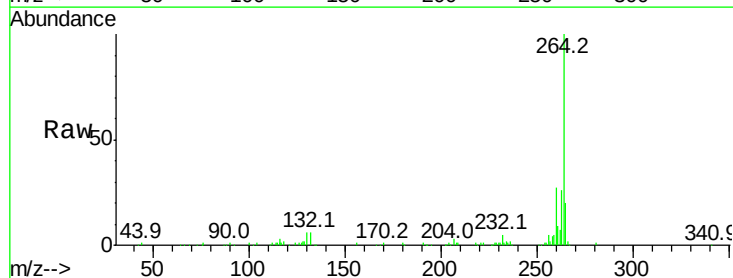
Tgt Ion:264 Resp: 196046

Ion	Ratio	Lower	Upper
264	100		
260	26.5	17.4	26.0
265	19.6	17.7	26.5

264 100

260 26.5 17.4 26.0

265 19.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

