

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032020.D
 Acq On : 13 Jan 2018 2:18
 Operator : SJ/JU
 Sample : J1106-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CLEAN-SAND-14

Quant Time: Jan 13 05:04:11 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

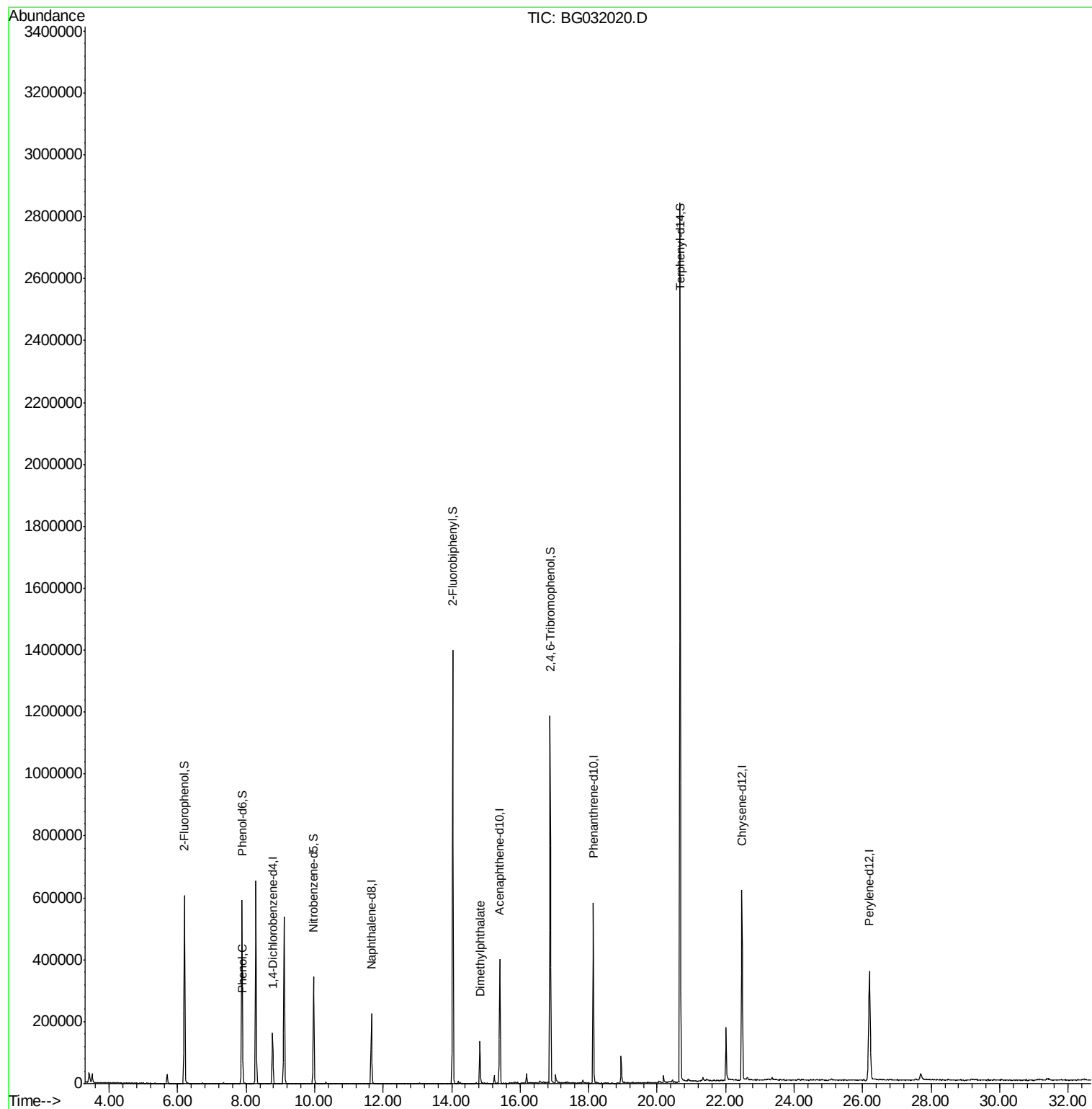
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	56091	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	233084	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	160567	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	406456	20.00	ng	0.00
75) Chrysene-d12	22.47	240	467935	20.00	ng	0.00
86) Perylene-d12	26.20	264	497154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	326765	106.55	ng	0.00
7) Phenol-d6	7.88	99	410154	106.19	ng	0.00
23) Nitrobenzene-d5	9.97	82	231308	67.14	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	280034	105.39	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	844994	65.25	ng	0.00
78) Terphenyl-d14	20.67	244	1526217	72.02	ng	0.00
Target Compounds						
10) Phenol	7.90	94	15946	4.191	ng	99
49) Dimethylphthalate	14.82	163	106618	7.588	ng	# 98

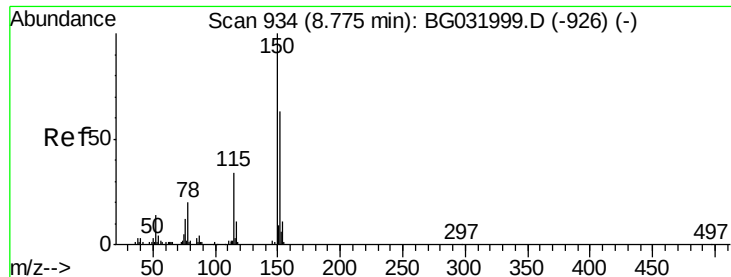
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
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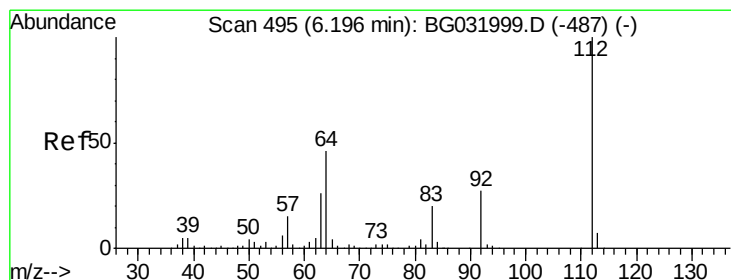
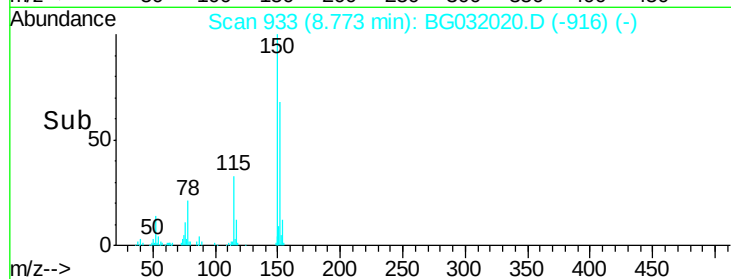
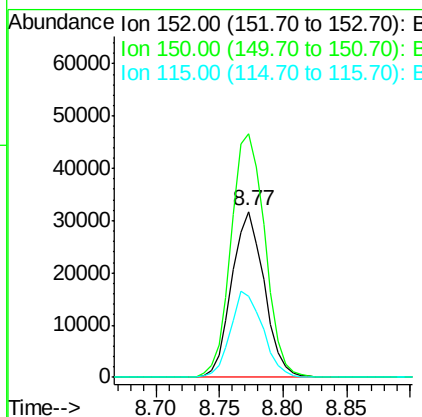
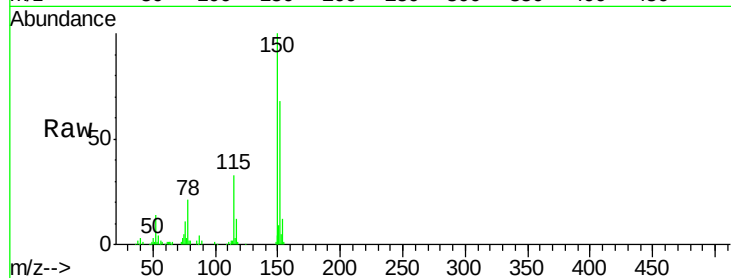


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-14

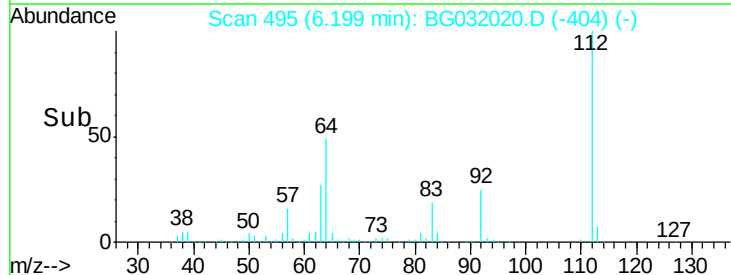
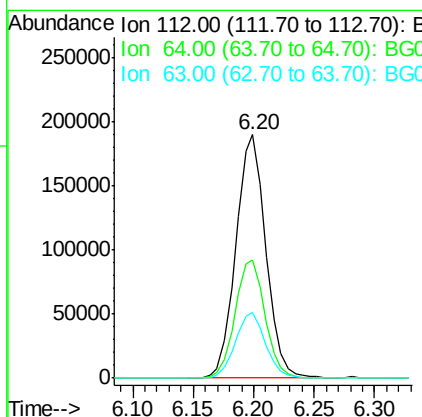
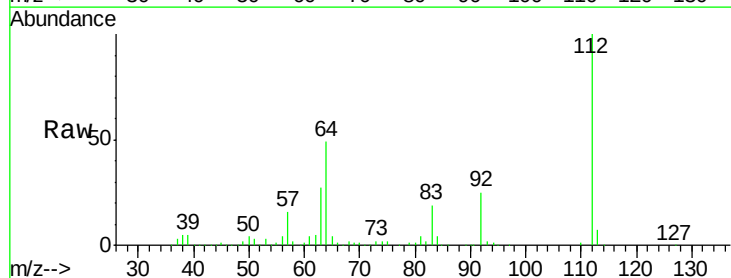
Tgt Ion:152 Resp: 56091
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 48.9 53.0 79.4#

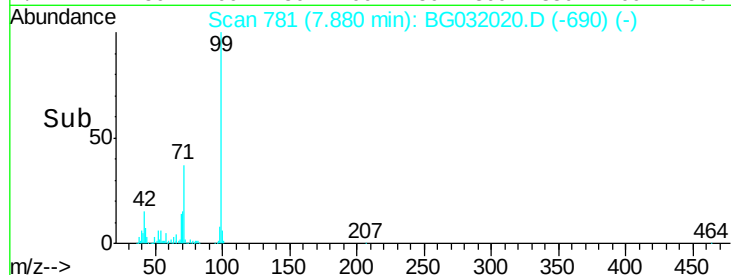
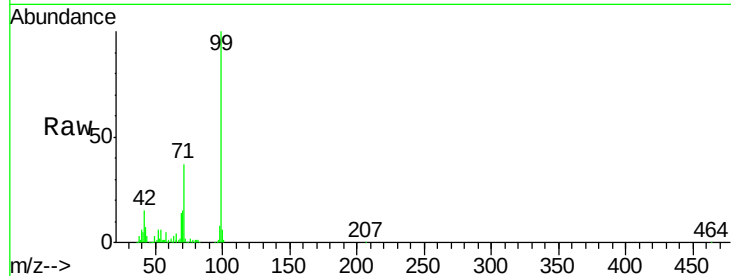
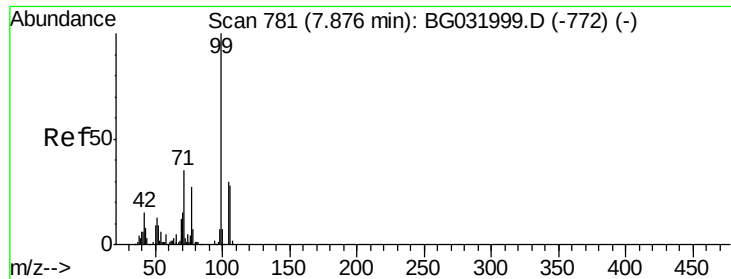


#5

2-Fluorophenol
Concen: 106.547 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

Tgt Ion:112 Resp: 326765
Ion Ratio Lower Upper
112 100
64 48.7 56.3 84.5#
63 27.1 30.1 45.1#





#7

Phenol-d6

Concen: 106.188 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-14

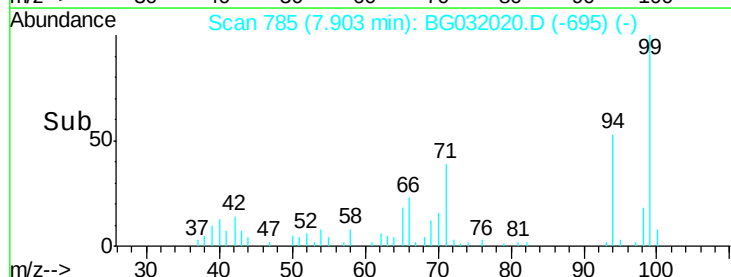
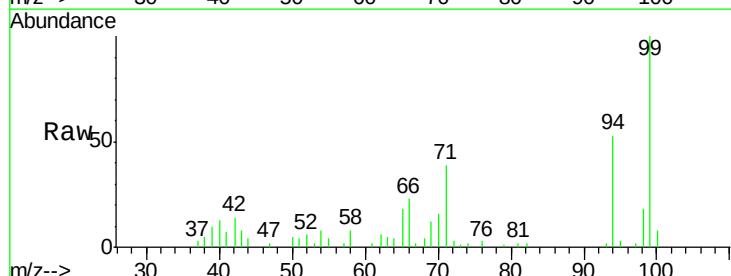
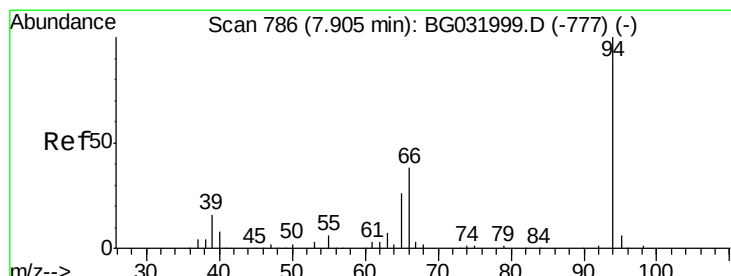
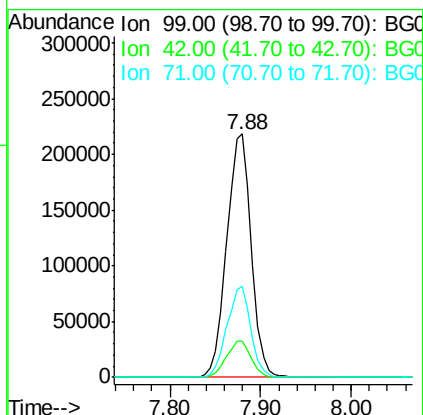
Tgt Ion: 99 Resp: 410154

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 37.3 26.1 39.1



#10

Phenol

Concen: 4.191 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

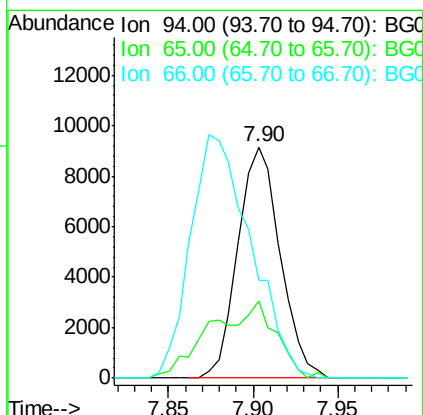
Tgt Ion: 94 Resp: 15946

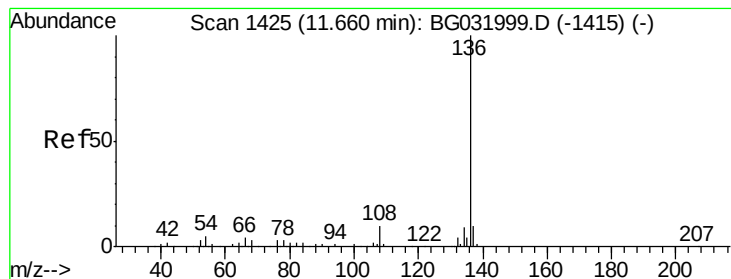
Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

66 42.3 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-14

Tgt Ion: 136 Resp: 233084

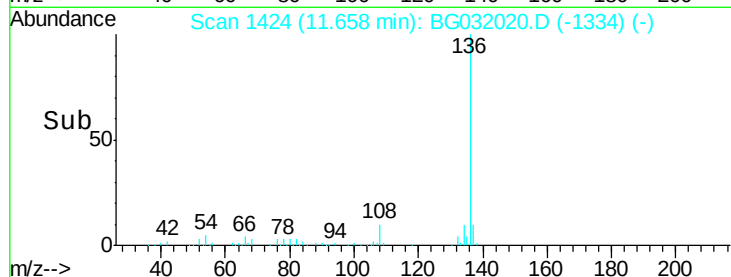
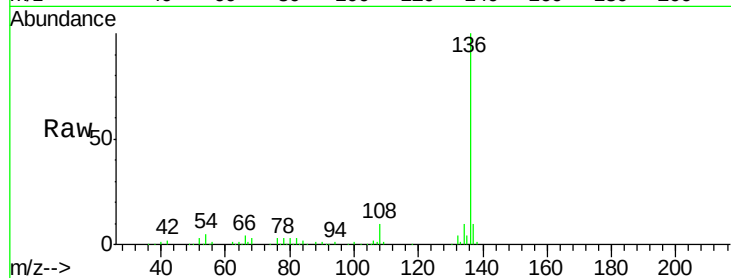
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 5.4 10.3 15.5#

68 3.4 4.5 6.7#

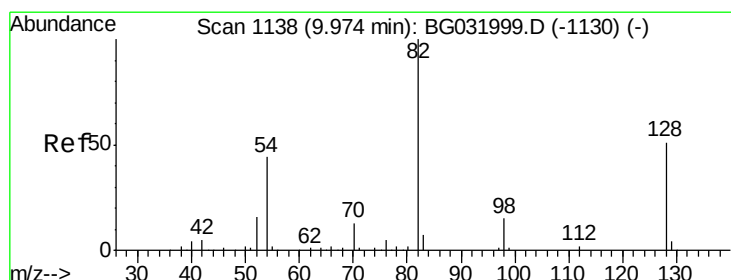
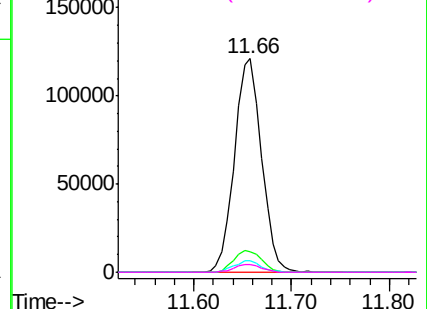


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 67.139 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

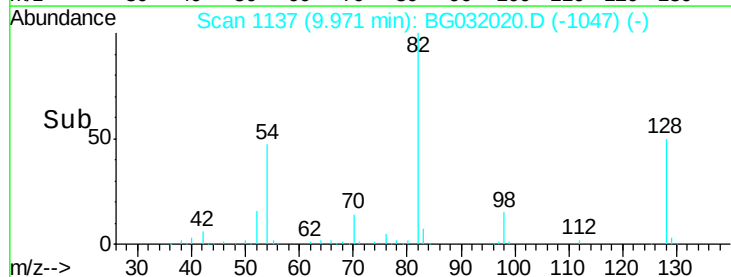
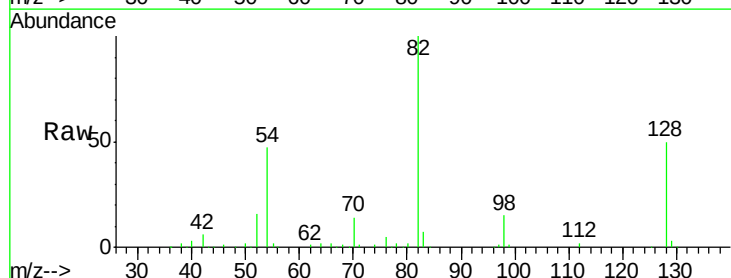
Tgt Ion: 82 Resp: 231308

Ion Ratio Lower Upper

82 100

128 50.1 29.7 44.5#

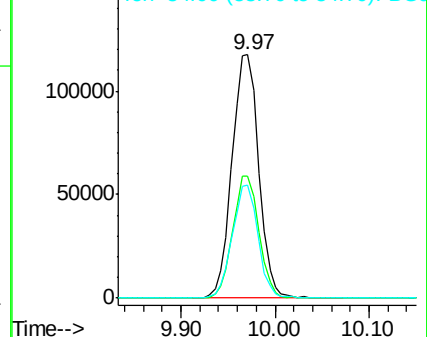
54 46.6 43.1 64.7

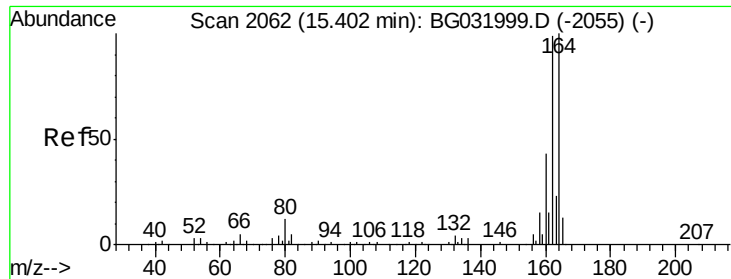


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-14

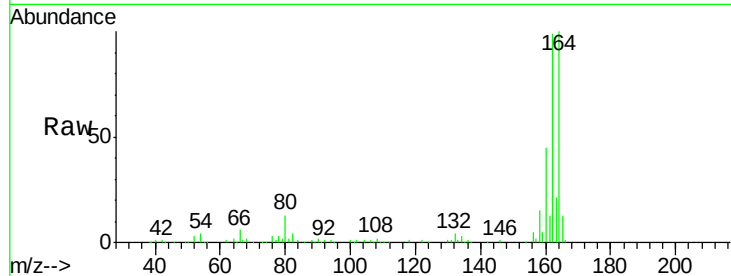
Tgt Ion:164 Resp: 160567

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

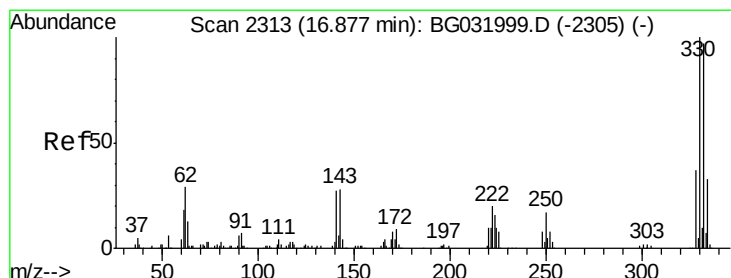
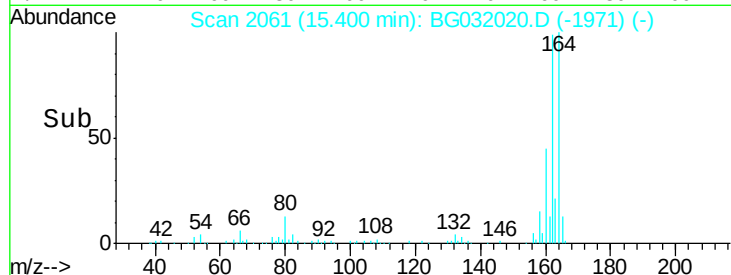
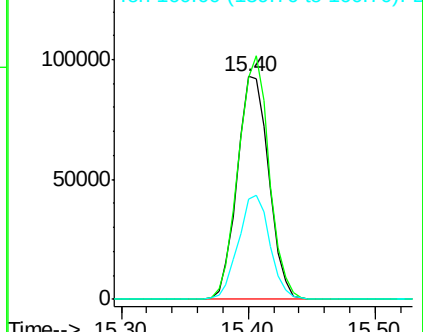
160 45.2 35.4 53.0



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: 105.394 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

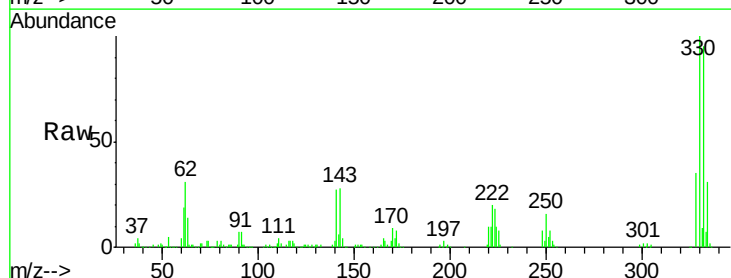
Tgt Ion:330 Resp: 280034

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

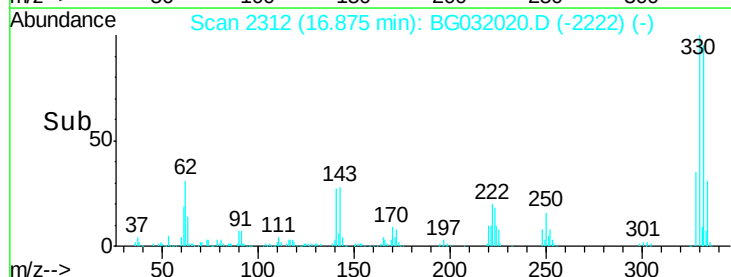
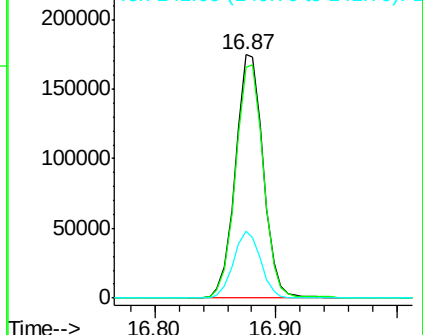
141 26.9 25.2 37.8

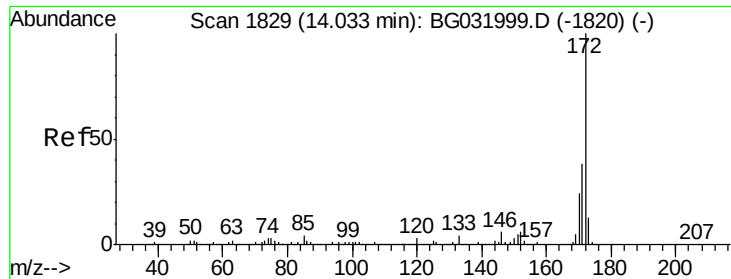


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

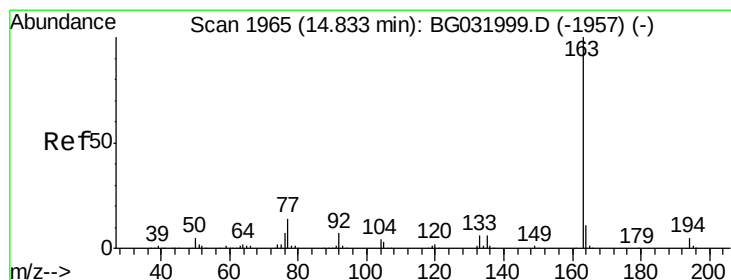
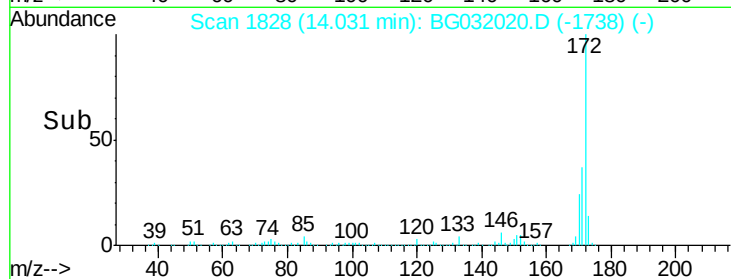
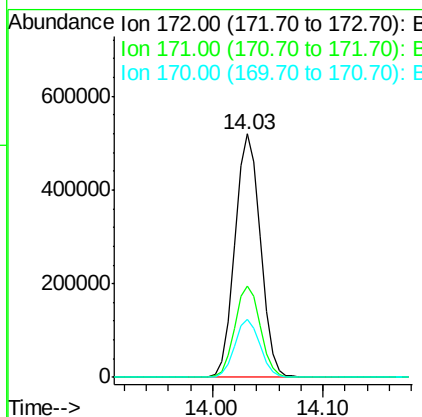
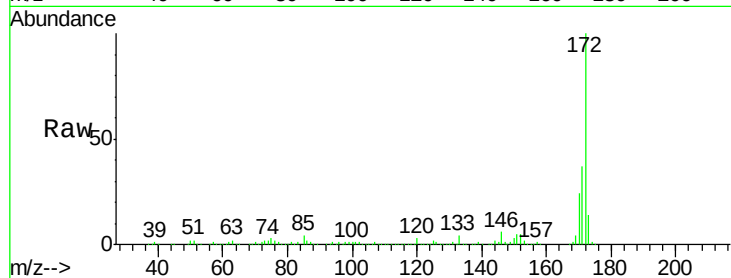




#44
2-Fluorobiphenyl
Concen: 65.253 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

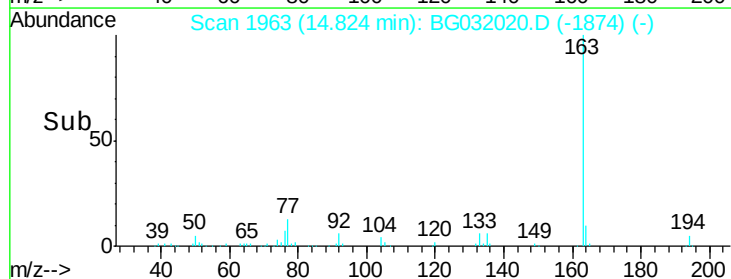
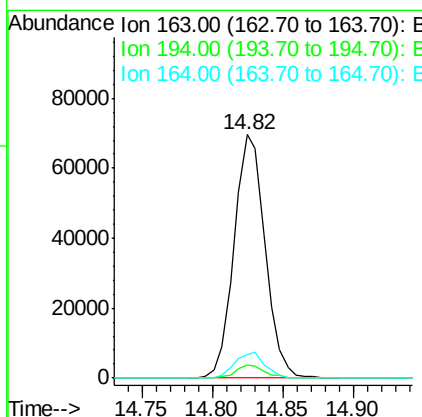
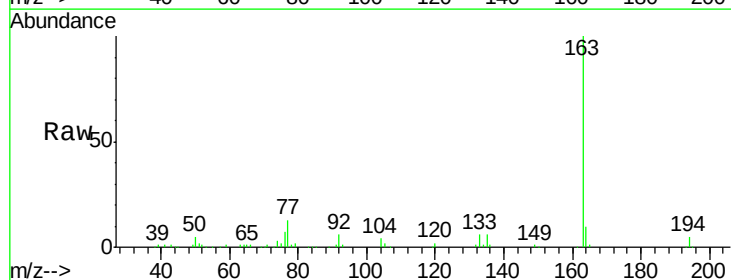
Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-14

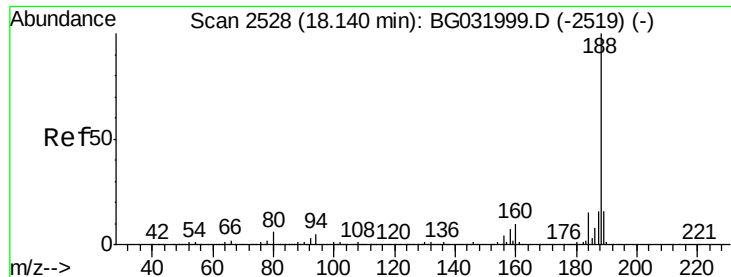
Tgt Ion:172 Resp: 844994
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 7.588 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

Tgt Ion:163 Resp: 106618
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 9.6 8.2 12.4

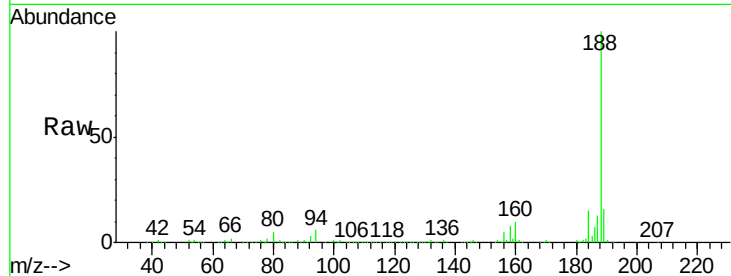




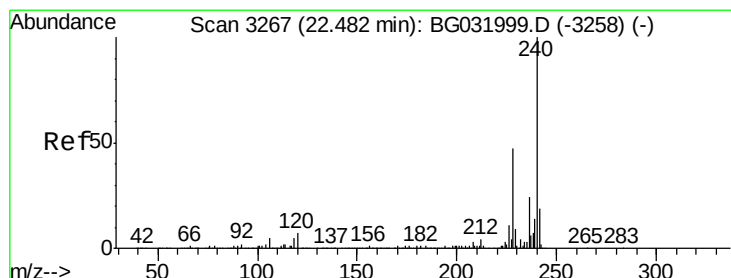
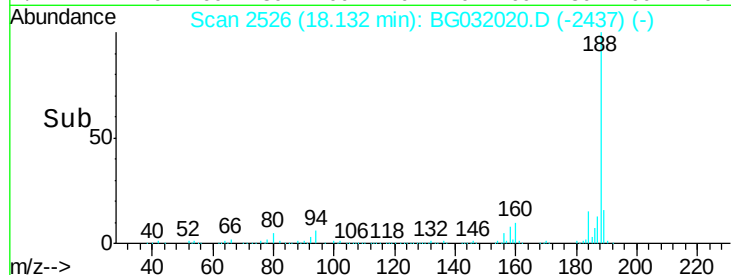
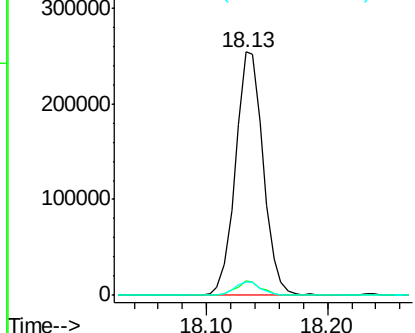
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

Instrument :
BNA_G
ClientSampleId :
CLEAN-SAND-14

Tgt Ion:188 Resp: 406456
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 5.5 7.7 11.5#

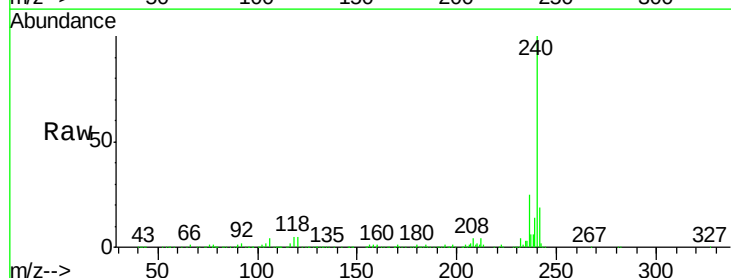


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

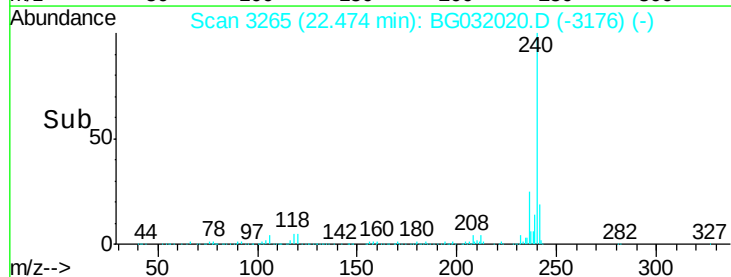
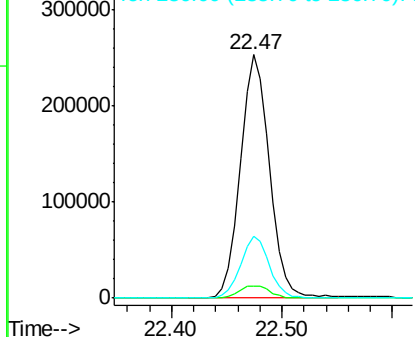


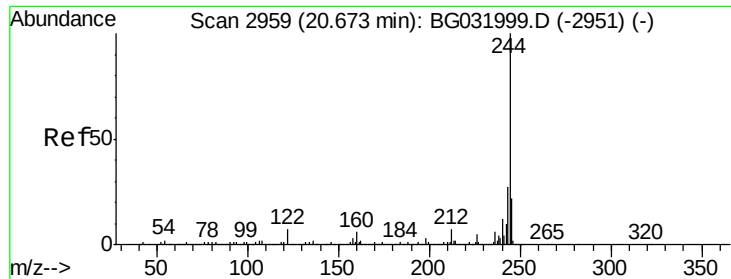
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032020.D
Acq: 13 Jan 2018 2:18

Tgt Ion:240 Resp: 467935
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.3 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: 72.018 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

Instrument :

BNA_G

ClientSampleId :

CLEAN-SAND-14

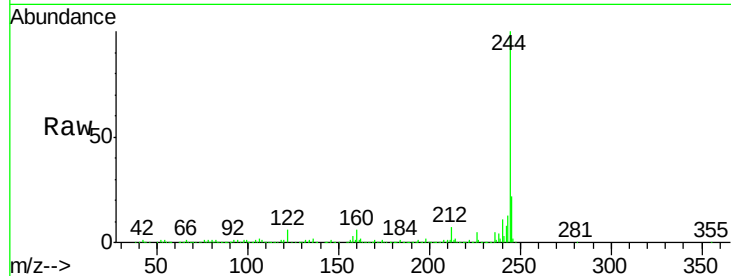
Tgt Ion:244 Resp: 1526217

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

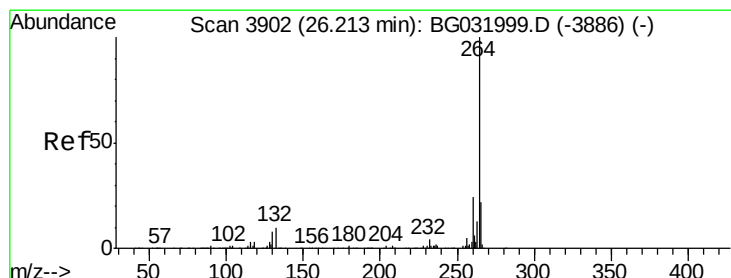
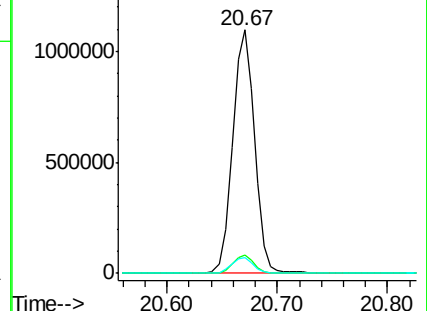
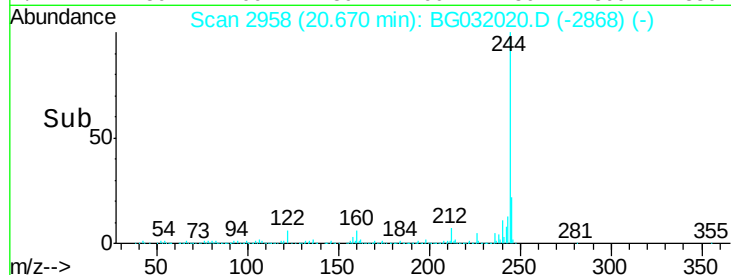
122 6.2 7.0 10.4#



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: 26.20 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BG032020.D

Acq: 13 Jan 2018 2:18

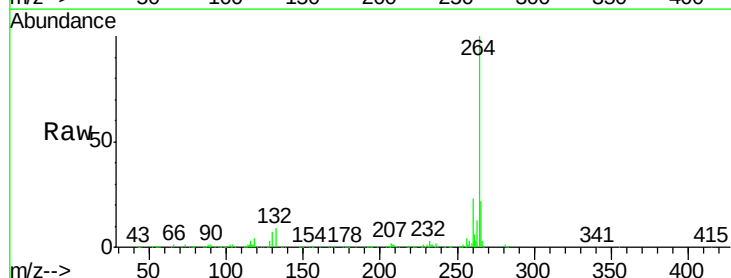
Tgt Ion:264 Resp: 497154

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.8 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

