

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032340.D
 Acq On : 26 Jan 2018 22:30
 Operator : SJ/JU
 Sample : J1288-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-4(95-97)

Quant Time: Jan 27 00:24:21 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

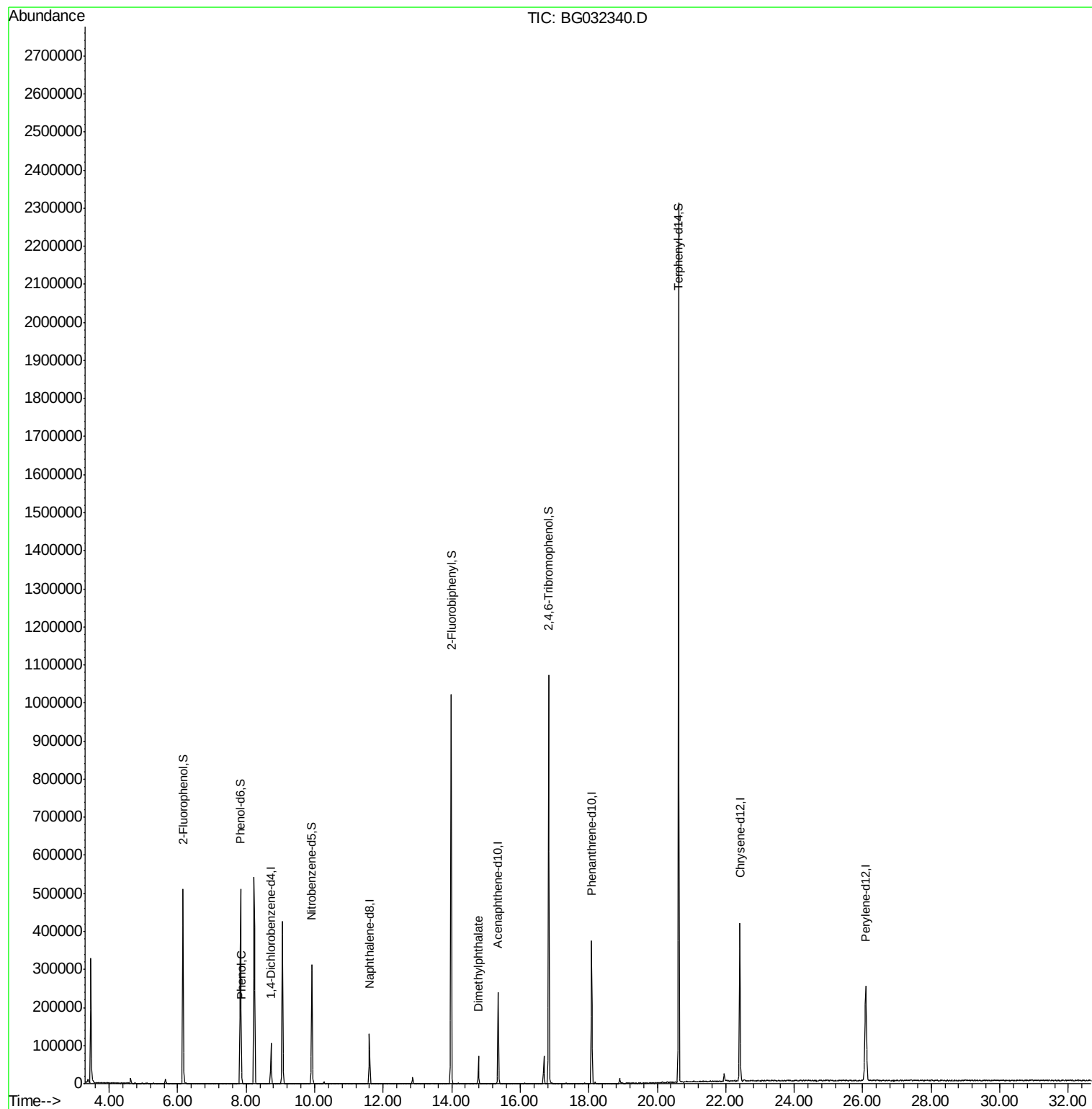
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33264	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	131376	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	91026	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	252817	20.00	ng	0.00
75) Chrysene-d12	22.42	240	326628	20.00	ng	0.00
86) Perylene-d12	26.08	264	346904	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	250714	137.85	ng	0.00
7) Phenol-d6	7.83	99	308268	134.58	ng	0.00
23) Nitrobenzene-d5	9.92	82	189593	97.63	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	235164	156.12	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	612564	83.44	ng	0.00
78) Terphenyl-d14	20.62	244	1197327	80.94	ng	0.00
Target Compounds						
10) Phenol	7.86	94	11820	5.238	ng	85
49) Dimethylphthalate	14.78	163	53382	6.702	ng	99

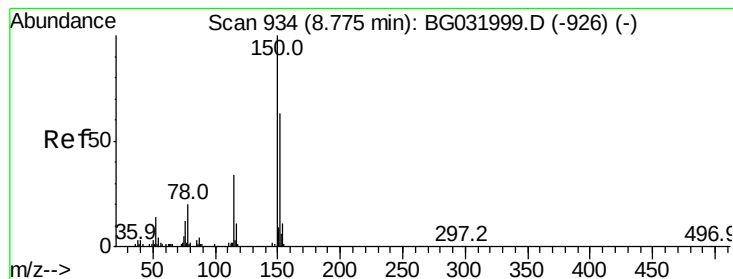
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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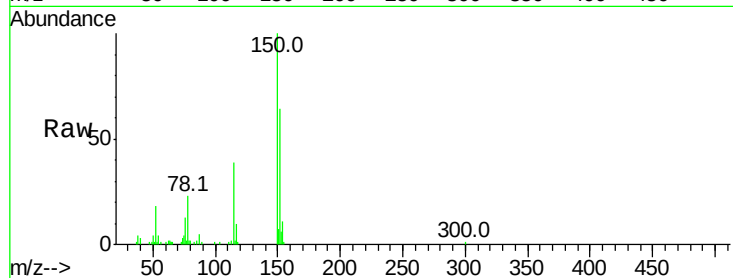


#1

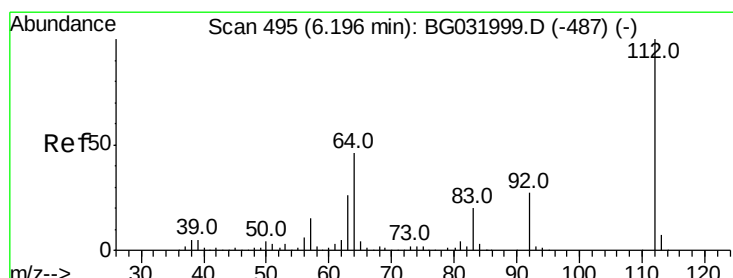
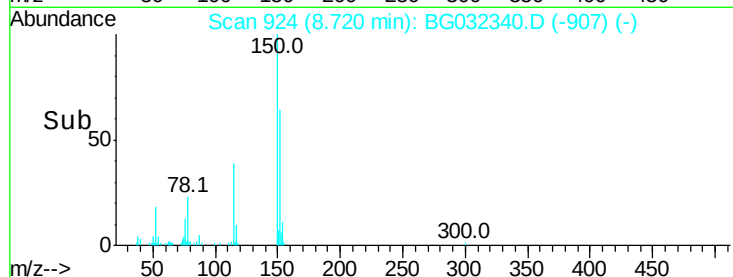
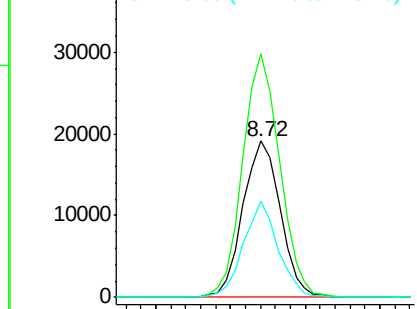
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(95-97)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	61.5	53.0	79.4



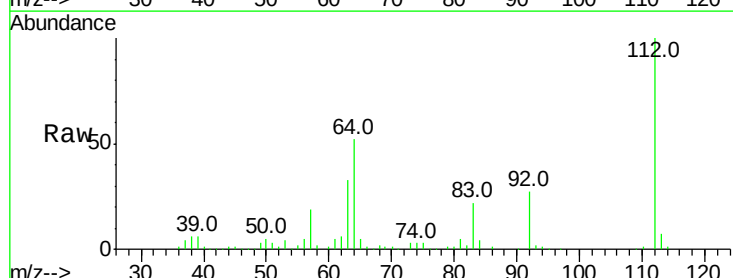
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



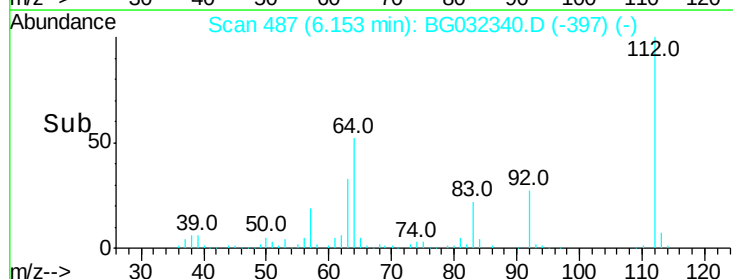
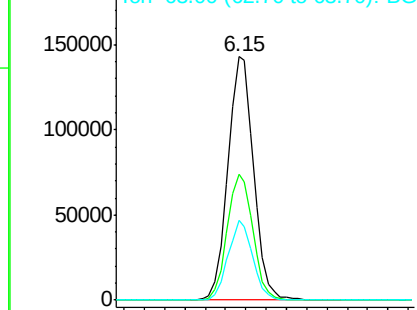
#5

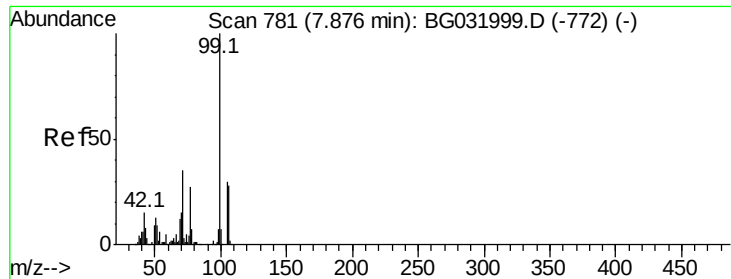
2-Fluorophenol
Concen: 137.848 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	56.3	84.5#
63	32.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.578 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(95-97)

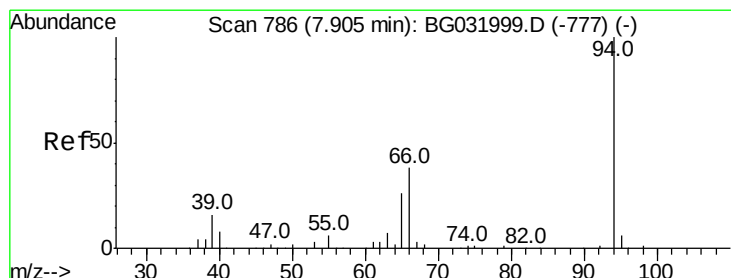
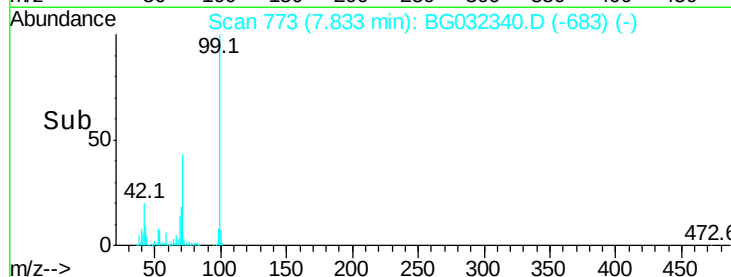
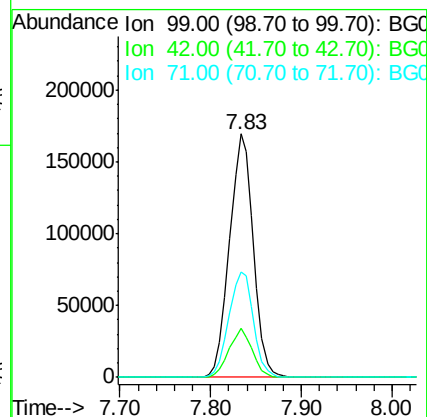
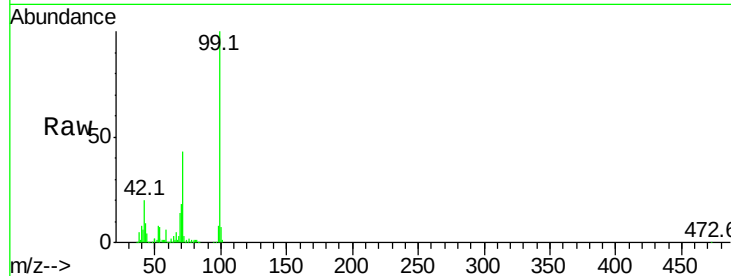
Tot Ion: 99 Resp: 308268

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 43.1 26.1 39.1#



#10

Phenol

Concen: 5.238 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

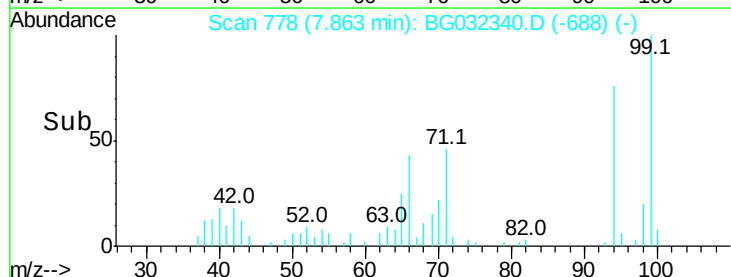
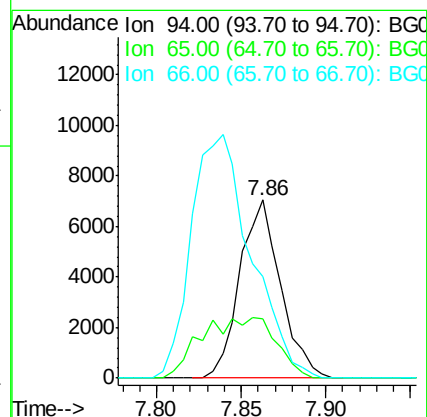
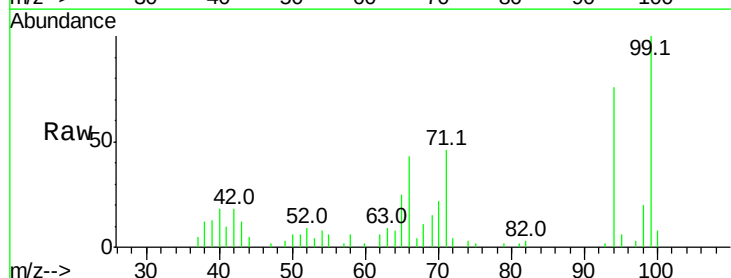
Tgt Ion: 94 Resp: 11820

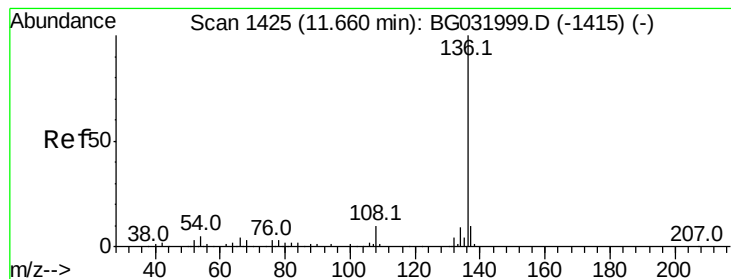
Ion Ratio Lower Upper

94 100

65 33.5 11.9 51.9

66 57.2 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(95-97)

Tot Ion:136 Resp: 131376

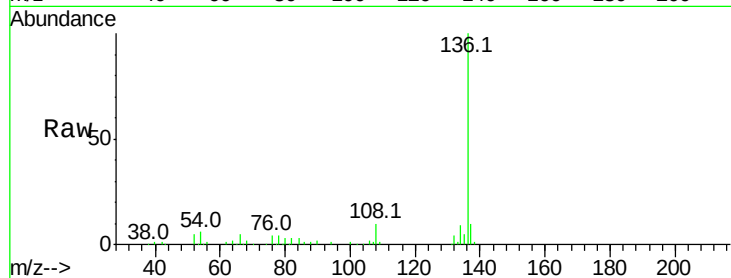
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 5.5 10.3 15.5#

68 2.5 4.5 6.7#

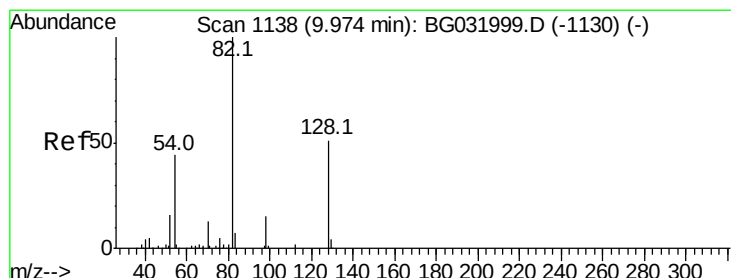
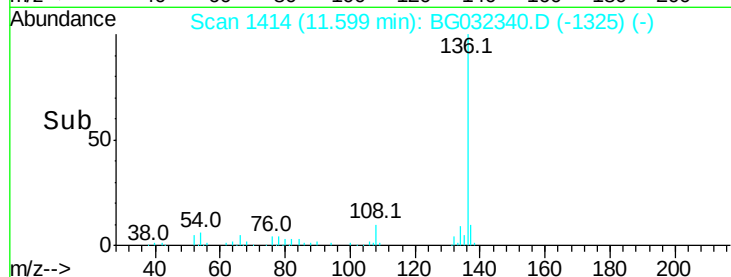
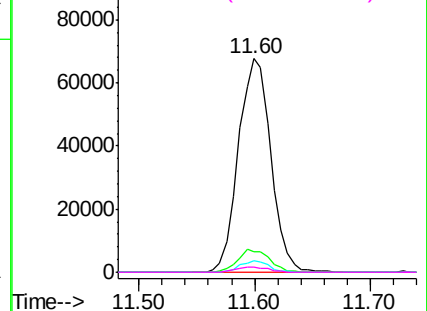


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 97.634 ng

RT: 9.92 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

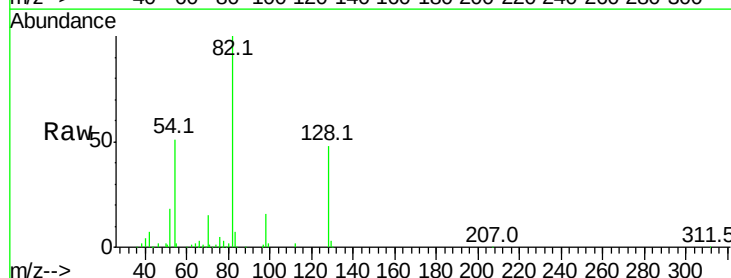
Tgt Ion: 82 Resp: 189593

Ion Ratio Lower Upper

82 100

128 48.5 29.7 44.5#

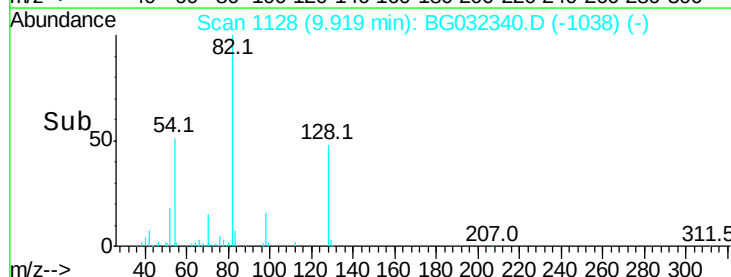
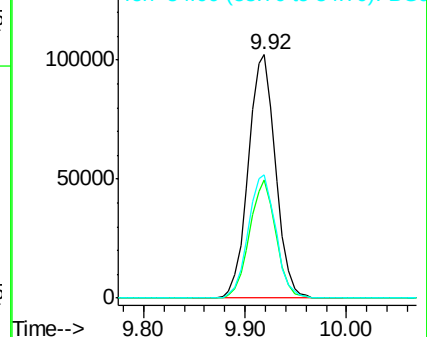
54 50.7 43.1 64.7

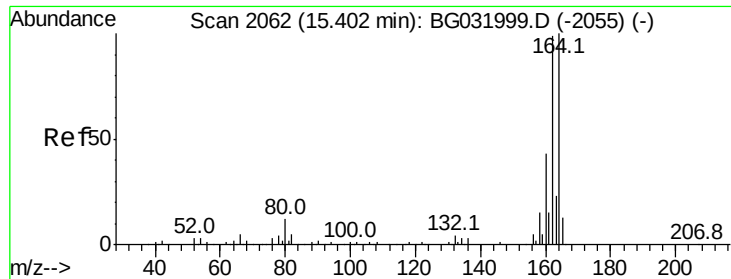


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(95-97)

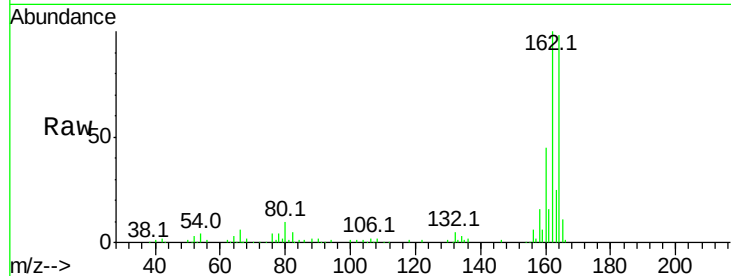
Tot Ion:164 Resp: 91026

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

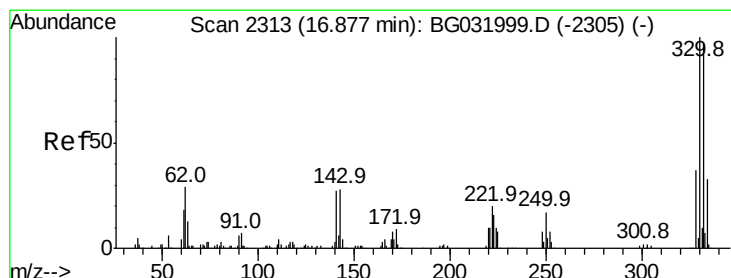
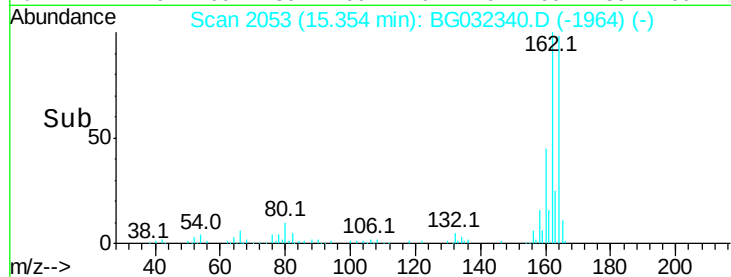
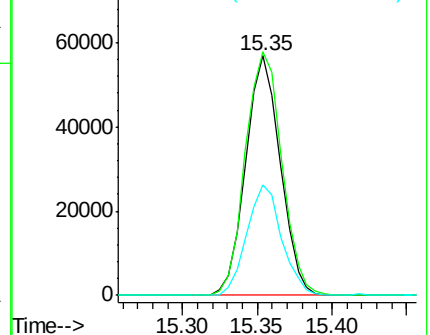
160 46.2 35.4 53.0



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: 156.124 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

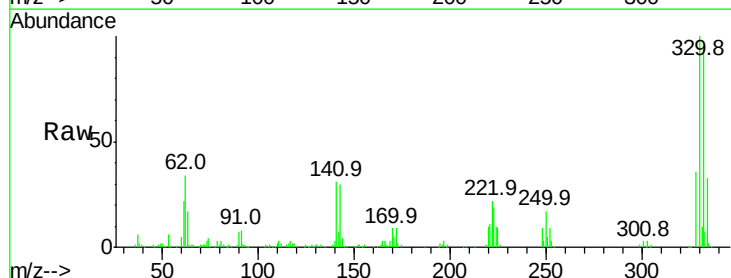
Tgt Ion:330 Resp: 235164

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

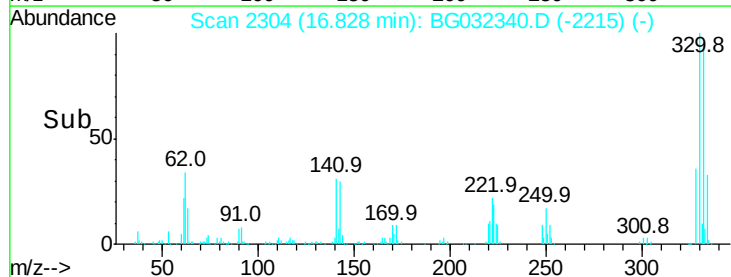
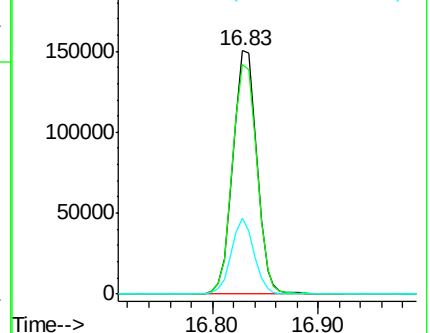
141 29.6 25.2 37.8

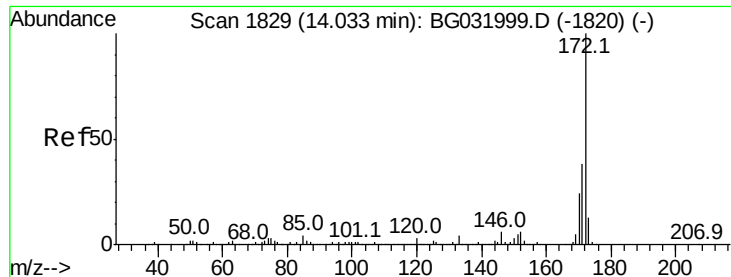


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

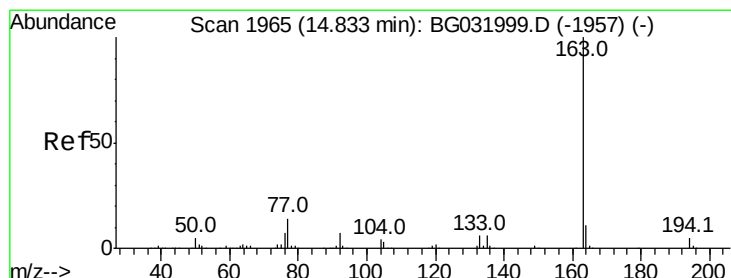
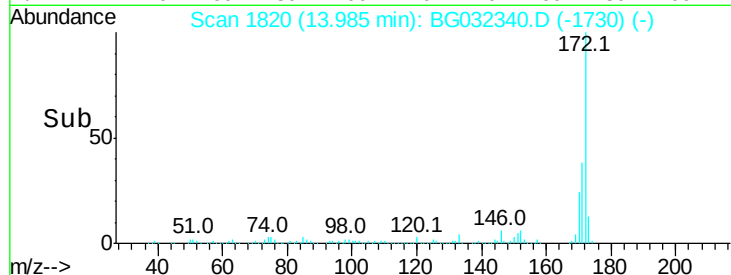
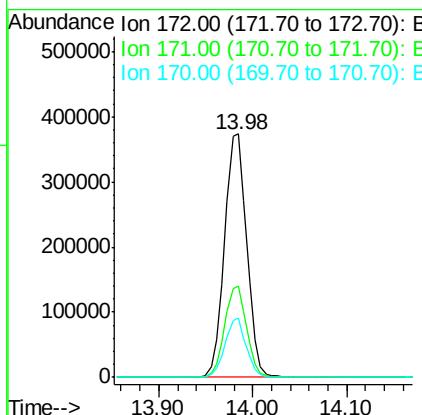
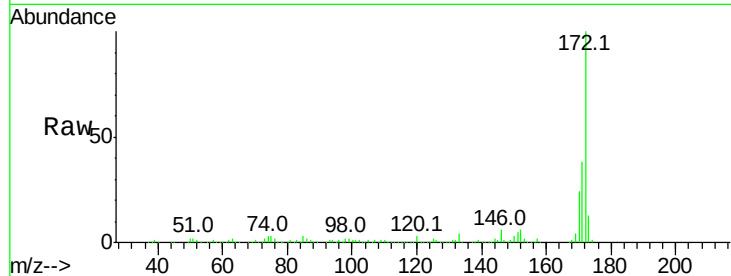




#44
2-Fluorobiphenyl
Concen: 83.443 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

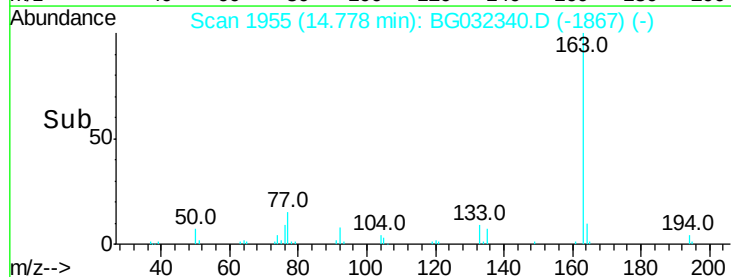
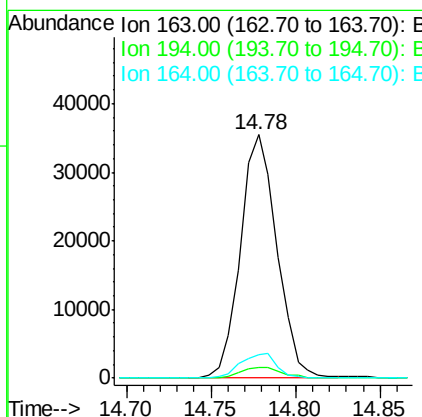
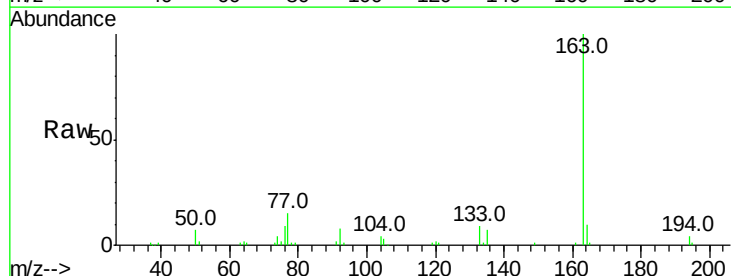
Instrument :
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ClientSampleId :
EPE-108-4(95-97)

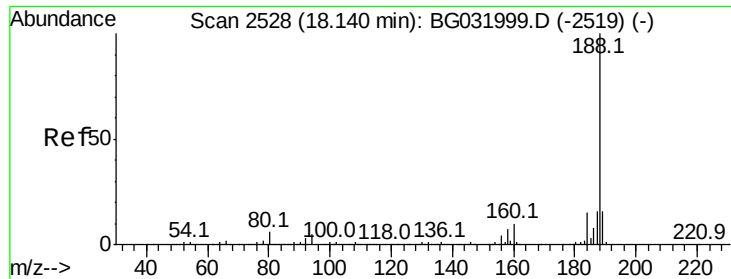
Tot Ion:172 Resp: 612564
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 6.702 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

Tgt Ion:163 Resp: 53382
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.7 8.2 12.4

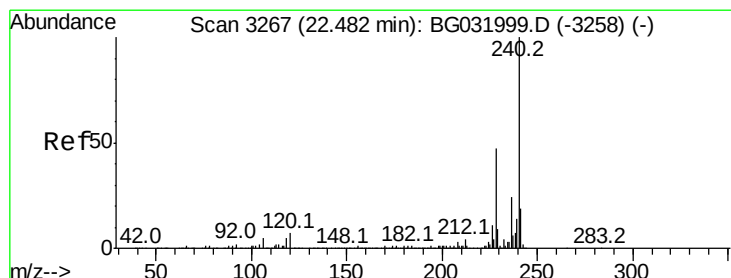
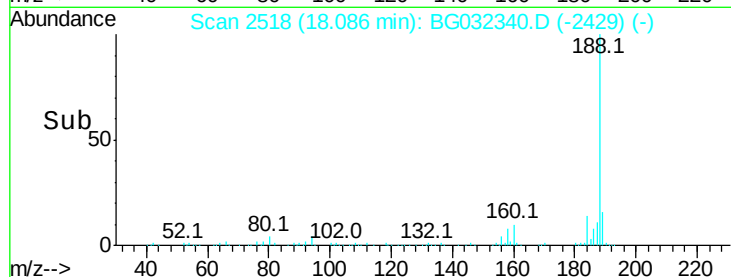
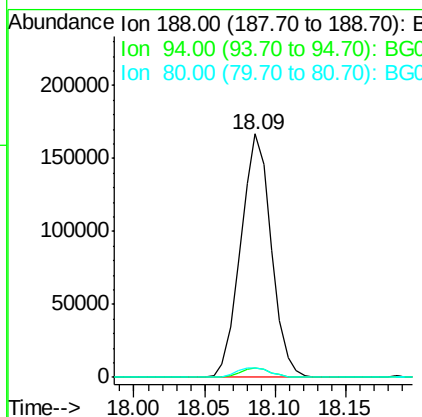
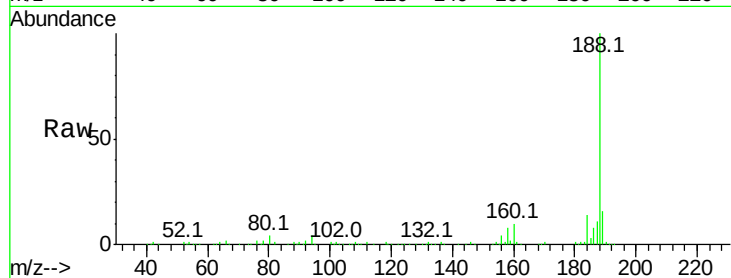




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

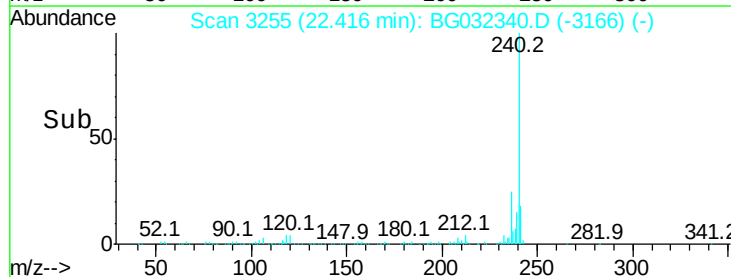
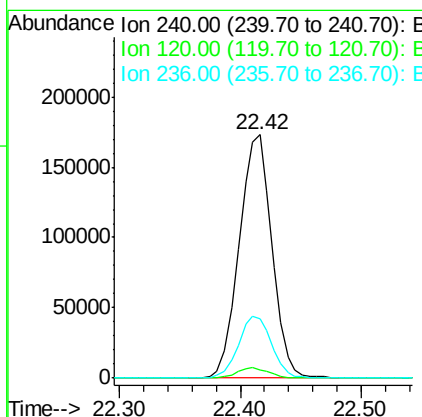
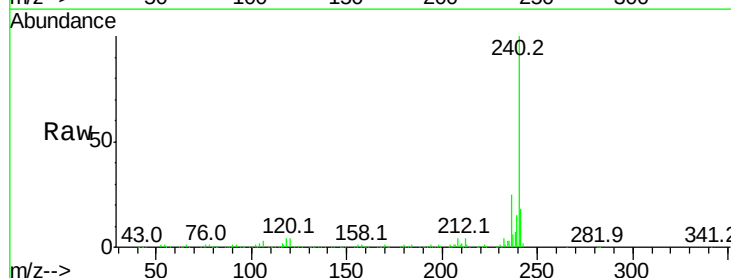
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BNA_G
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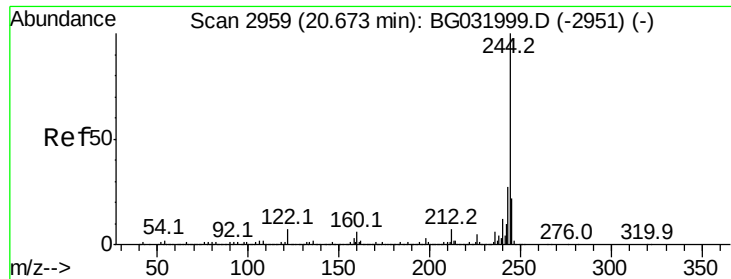
Tot Ion:188 Resp: 252817
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 3.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032340.D
Acq: 26 Jan 2018 22:30

Tgt Ion:240 Resp: 326628
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 80.941 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

Instrument :

BNA_G

ClientSampleId :

EPE-108-4(95-97)

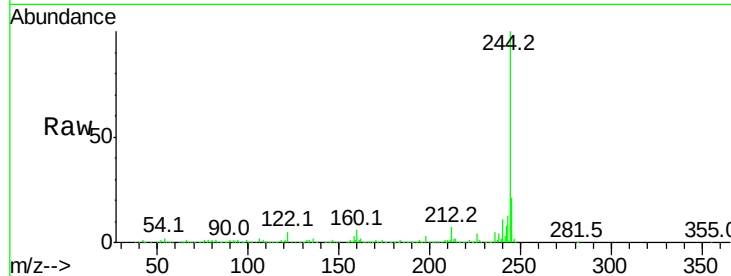
Tot Ion:244 Resp: 1197327

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

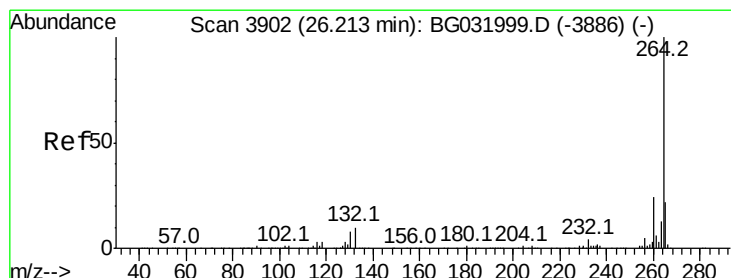
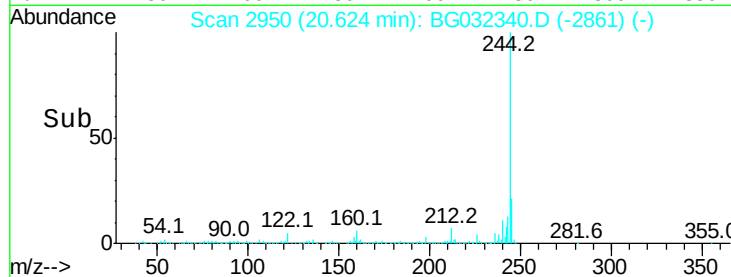
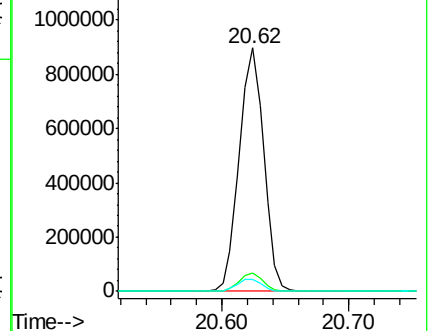
122 5.1 7.0 10.4#



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: 26.08 min Scan# 3879

Delta R.T. -0.03 min

Lab File: BG032340.D

Acq: 26 Jan 2018 22:30

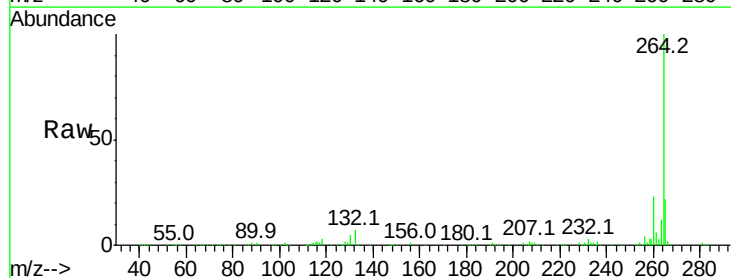
Tgt Ion:264 Resp: 346904

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.5 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

