

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031683.D
 Acq On : 21 Dec 2017 21:14
 Operator : SJ/JU
 Sample : I6961-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(70-72)

Quant Time: Dec 22 04:08:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

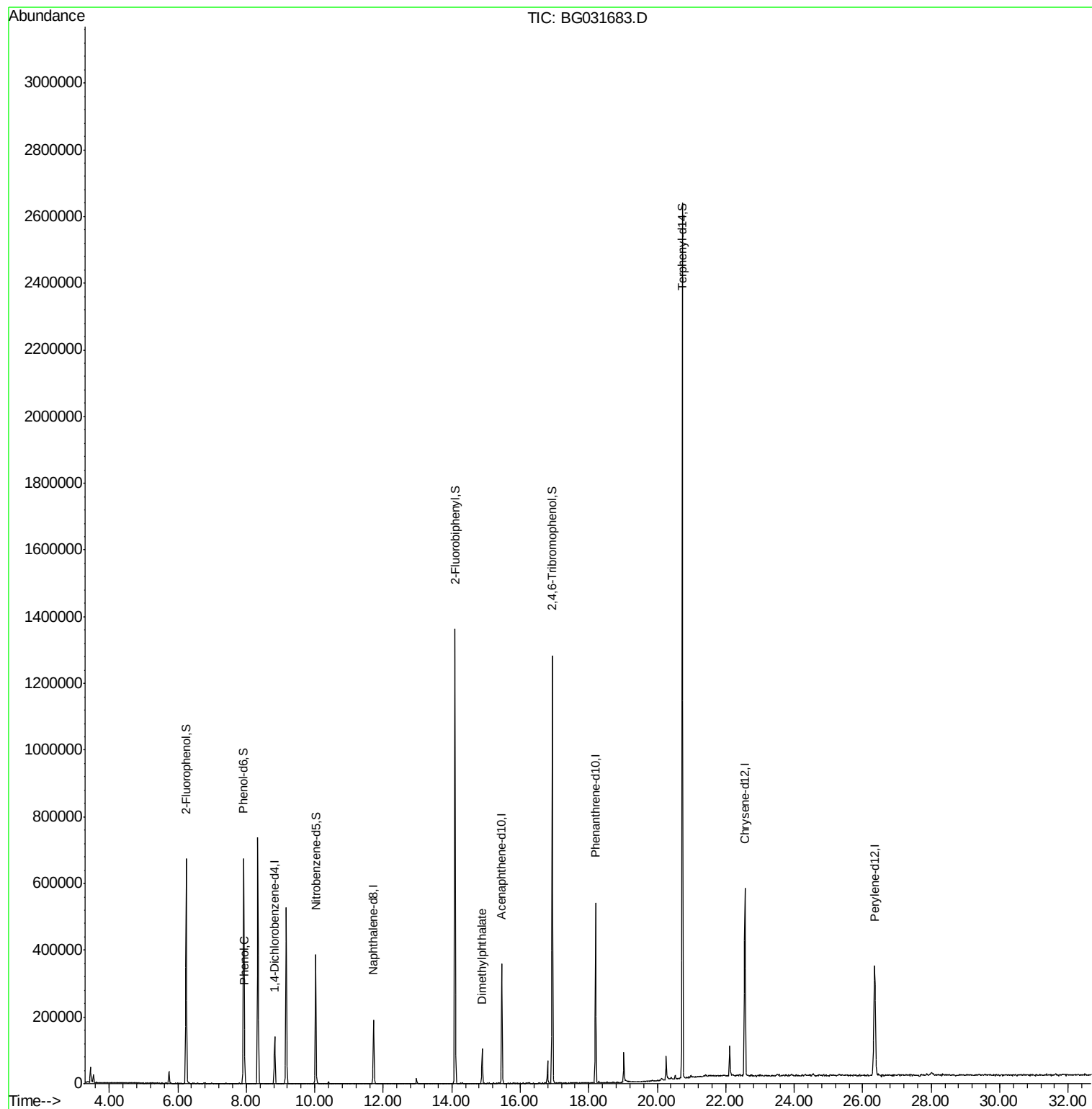
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	47533	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	199879	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	140152	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	367928	20.00	ng	-0.01
75) Chrysene-d12	22.56	240	433792	20.00	ng	-0.01
86) Perylene-d12	26.35	264	457947	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	376267	144.18	ng	0.00
7) Phenol-d6	7.92	99	490656	144.81	ng	0.00
23) Nitrobenzene-d5	10.03	82	240719	90.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	310471	145.18	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	828403	74.19	ng	0.00
78) Terphenyl-d14	20.73	244	1411462	74.34	ng	0.00
Target Compounds						
10) Phenol	7.95	94	19802	5.789	ng	91
49) Dimethylphthalate	14.89	163	80496	6.520	ng	97

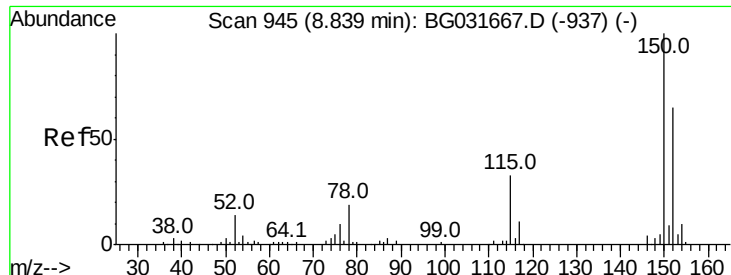
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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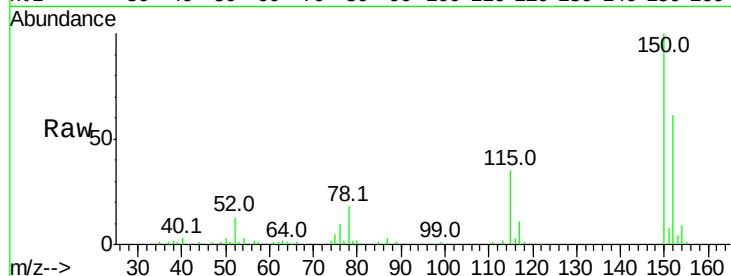


#1

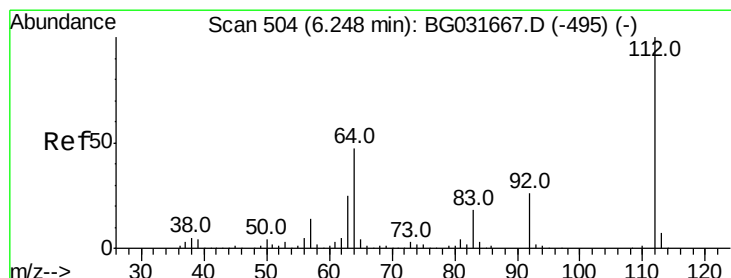
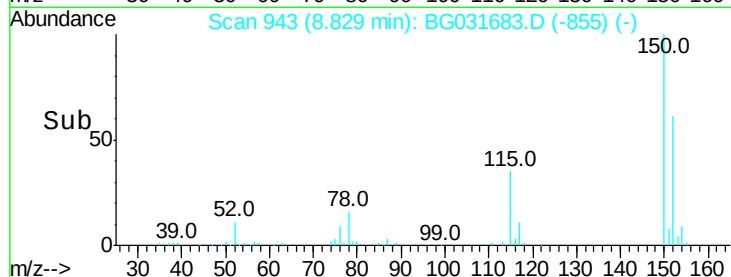
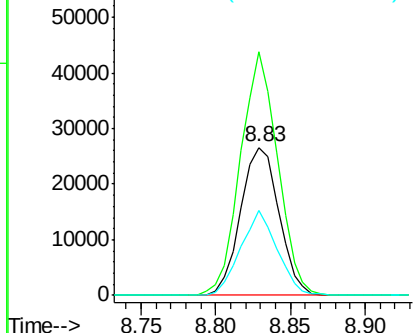
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BG031683.D
 Acq: 21 Dec 2017 21:14

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(70-72)

Tot Ion:152 Resp: 47533
 Ion Ratio Lower Upper
 152 100
 150 164.6 126.6 189.8
 115 57.4 53.0 79.4



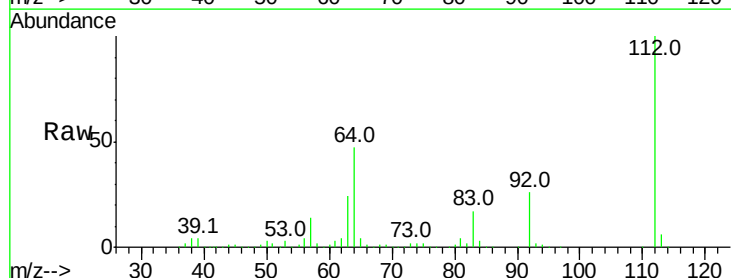
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



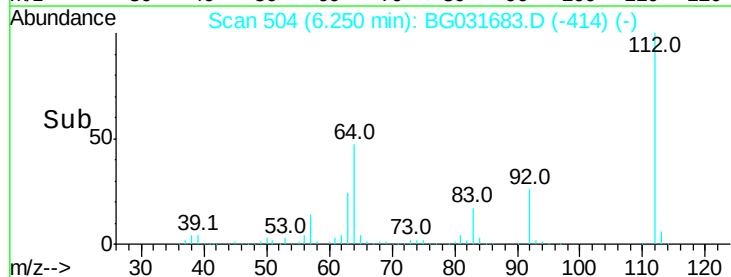
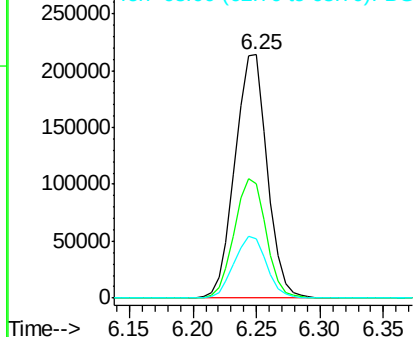
#5

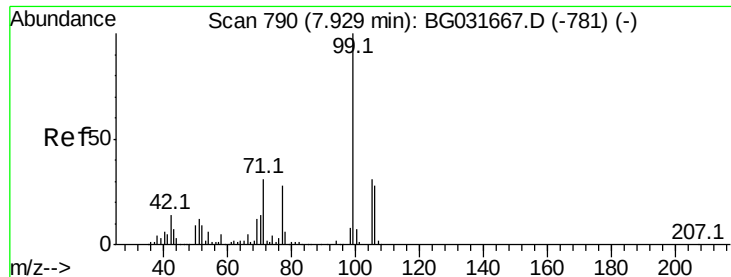
2-Fluorophenol
 Concen: 144.179 ng
 RT: 6.25 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BG031683.D
 Acq: 21 Dec 2017 21:14

Tgt Ion:112 Resp: 376267
 Ion Ratio Lower Upper
 112 100
 64 47.2 56.3 84.5#
 63 24.4 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: 144.810 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(70-72)

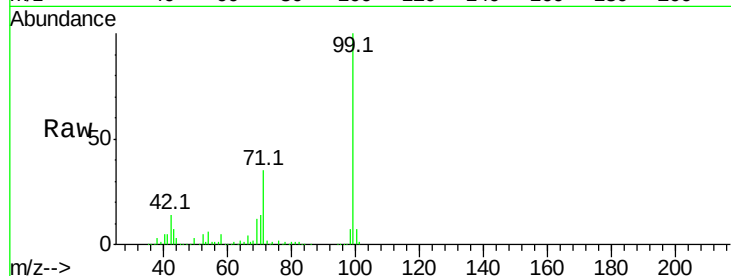
Tot Ion: 99 Resp: 490656

Ion Ratio Lower Upper

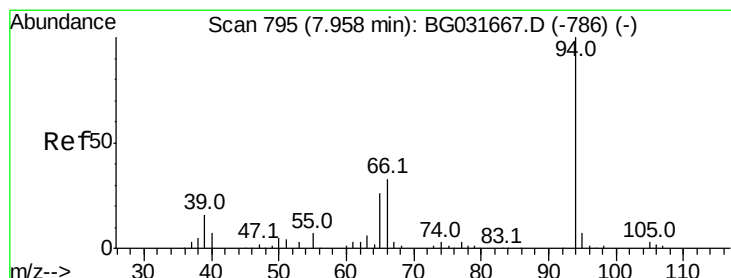
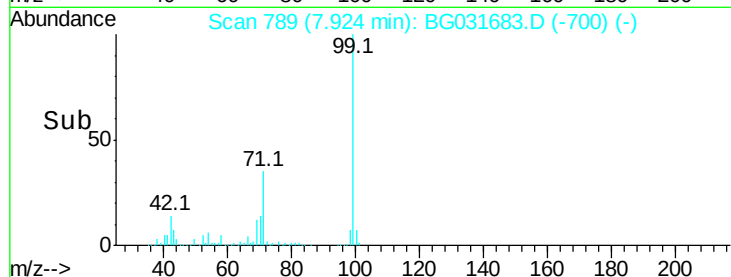
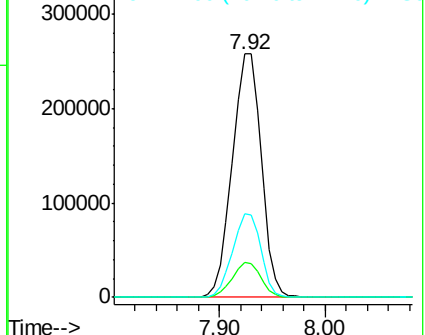
99 100

42 14.2 14.1 21.1

71 34.6 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



#10

Phenol

Concen: 5.789 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

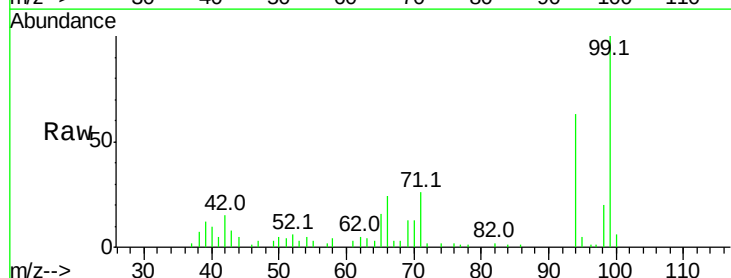
Tgt Ion: 94 Resp: 19802

Ion Ratio Lower Upper

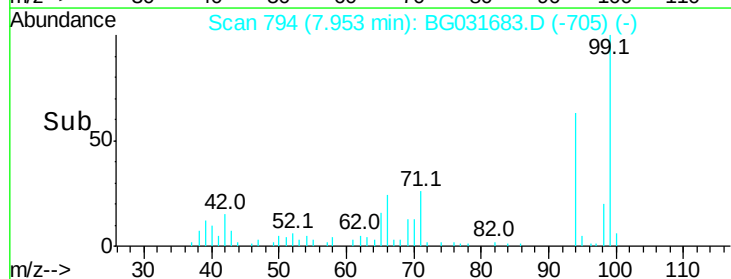
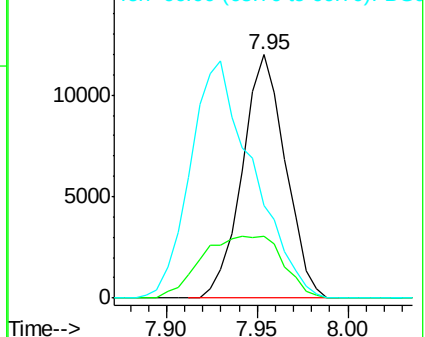
94 100

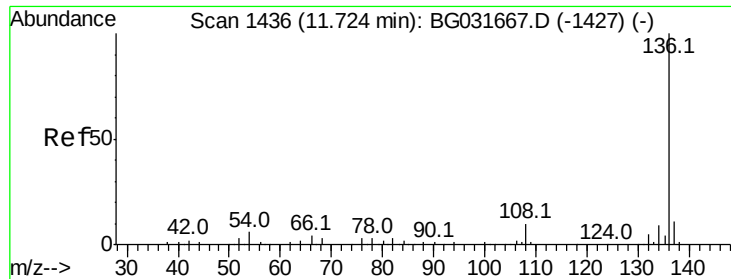
65 25.3 11.9 51.9

66 38.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

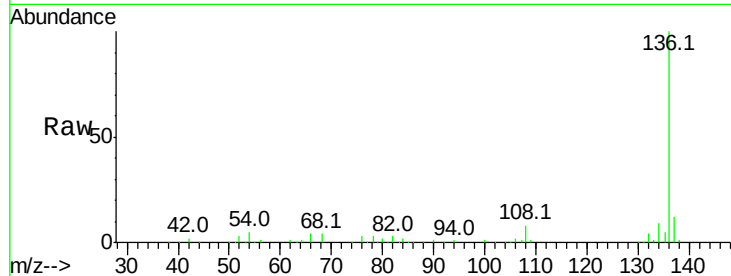




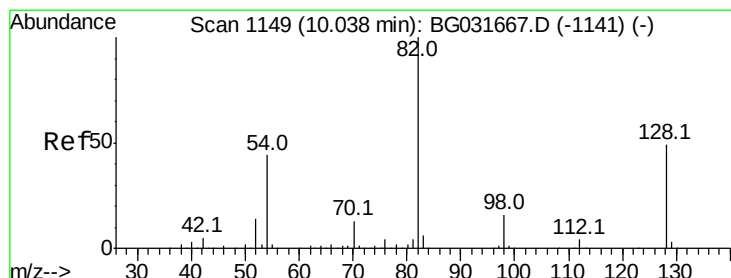
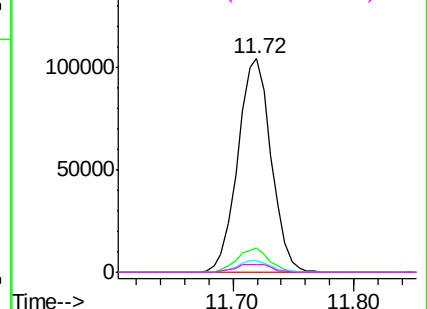
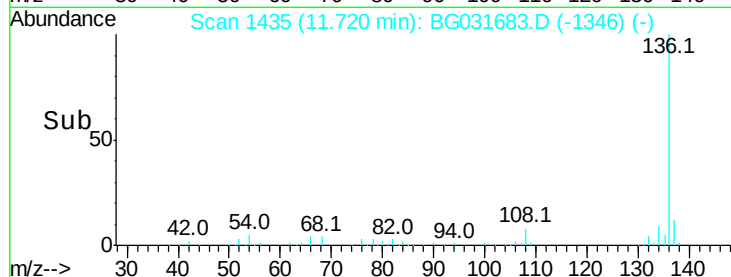
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(70-72)

Tot Ion:136	Resp:	199879
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.2 13.8
54	5.4	10.3 15.5#
68	3.6	4.5 6.7#

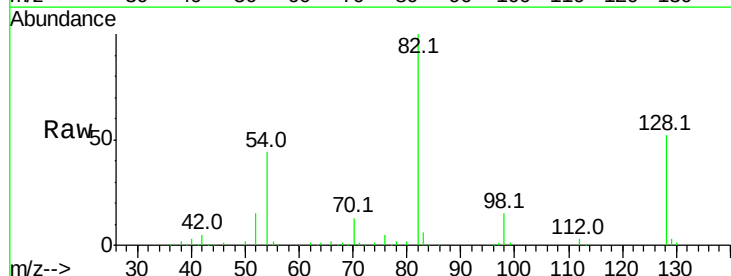


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

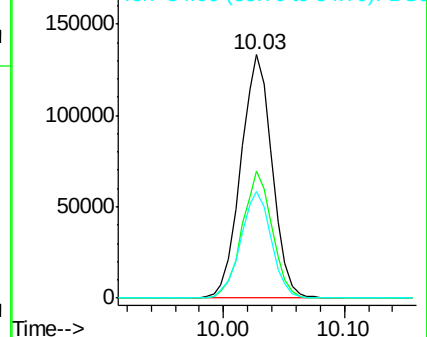
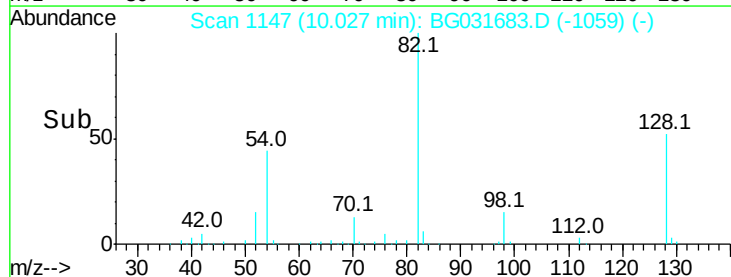


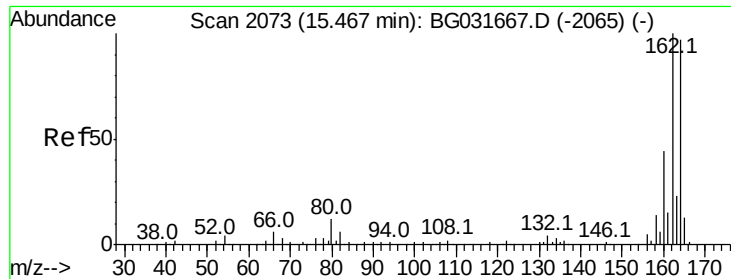
#23
Nitrobenzene-d5
Concen: 90.941 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

Tgt Ion: 82	Resp:	240719
Ion	Ratio	Lower Upper
82	100	
128	52.3	29.7 44.5#
54	43.6	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(70-72)

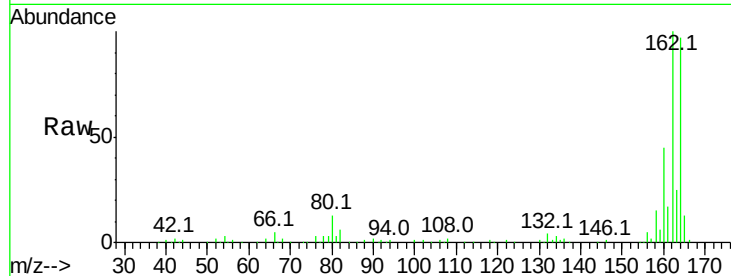
Tot Ion:164 Resp: 140152

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

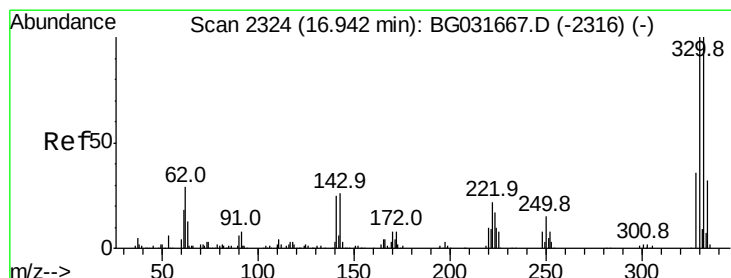
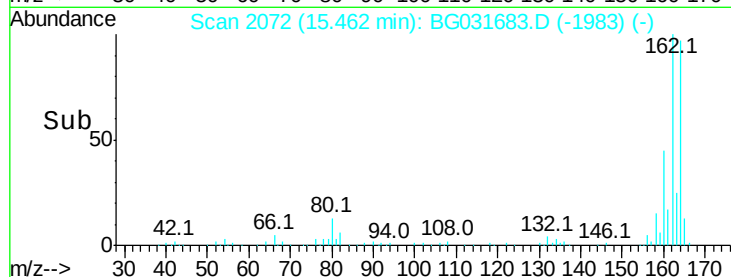
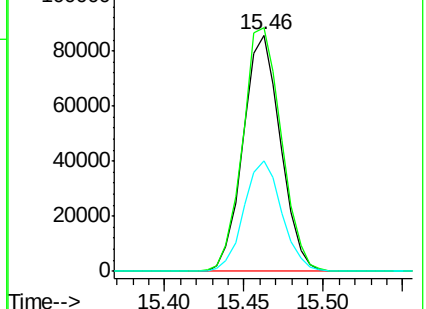
160 46.6 35.4 53.0



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: 145.180 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

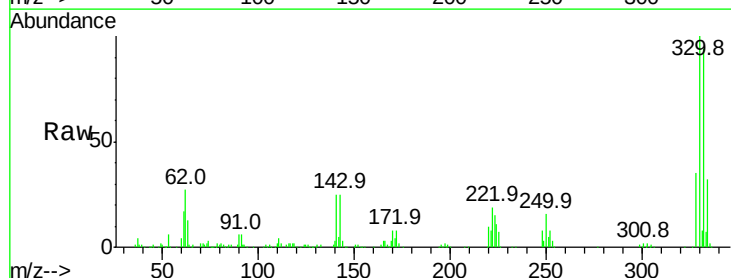
Tgt Ion:330 Resp: 310471

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

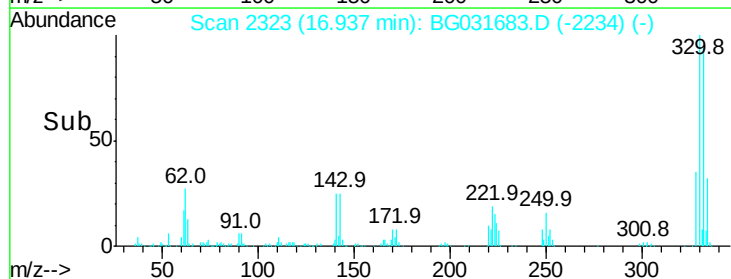
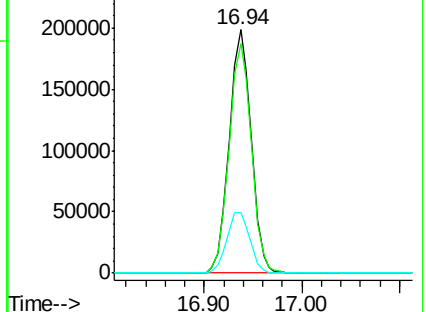
141 26.2 25.2 37.8

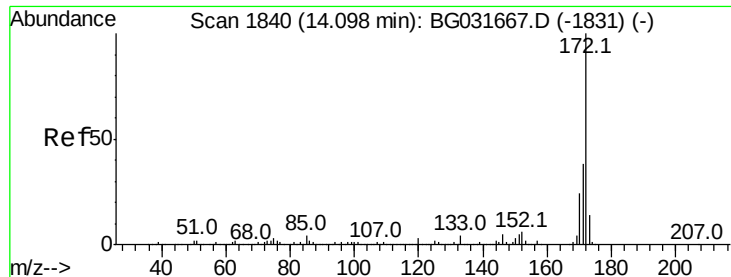


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

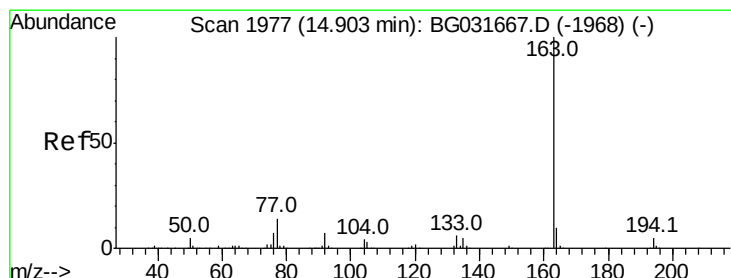
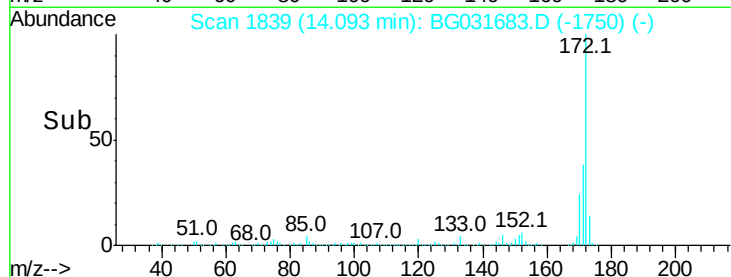
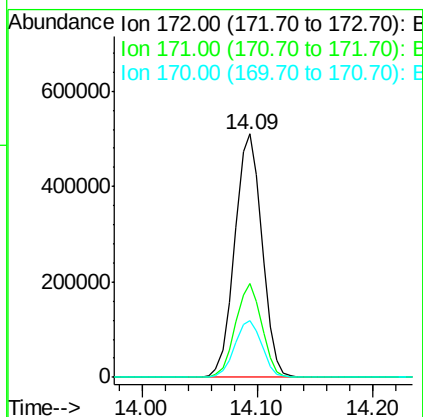
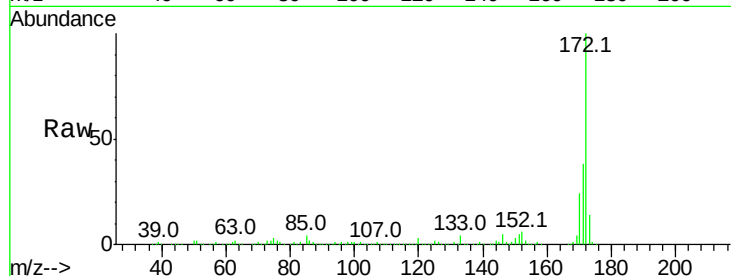




#44
2-Fluorobiphenyl
Concen: 74.188 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

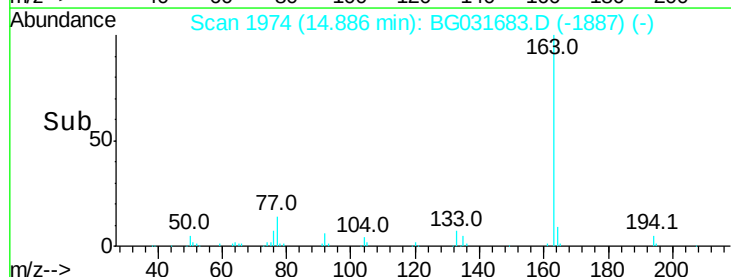
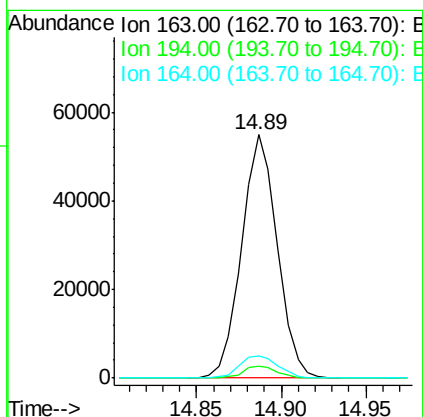
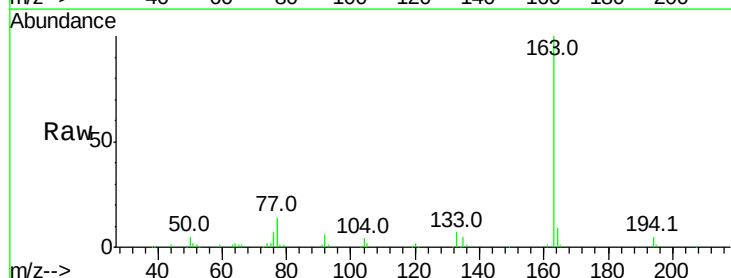
Instrument :
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EPE-108-1(70-72)

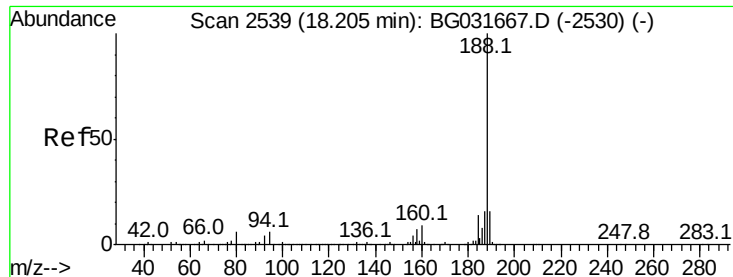
Tot Ion:172 Resp: 828403
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 6.520 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

Tgt Ion:163 Resp: 80496
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 8.9 8.2 12.4

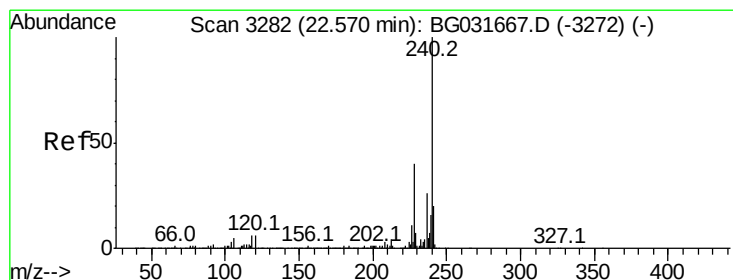
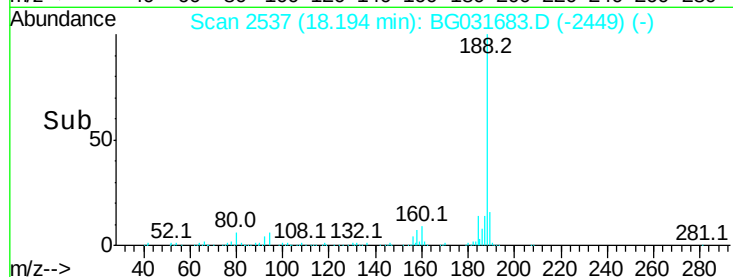
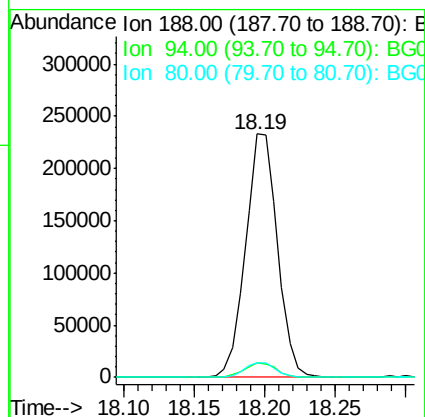
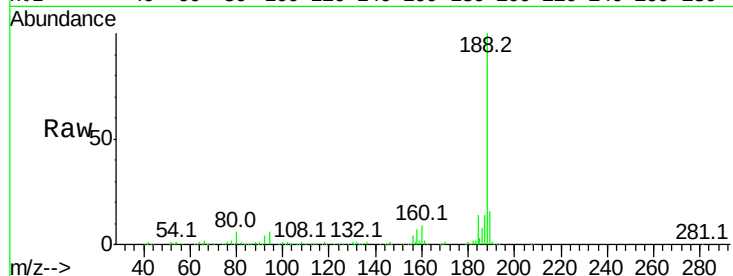




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

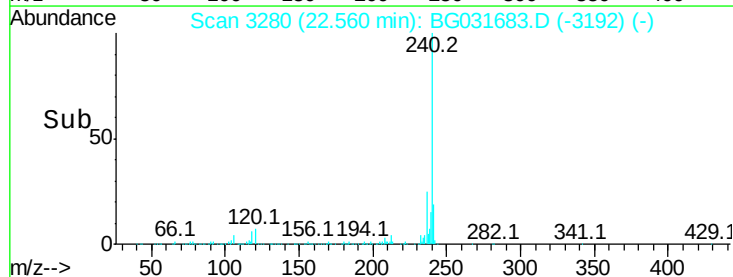
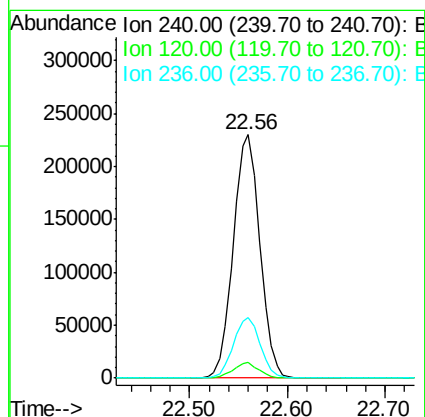
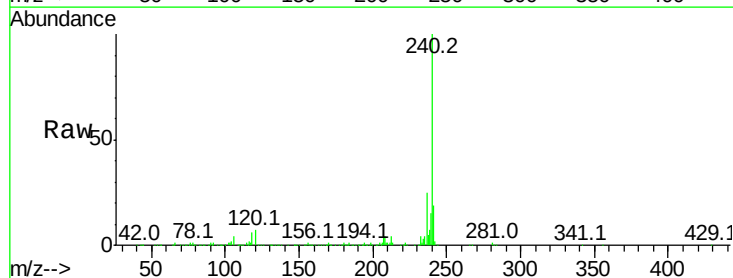
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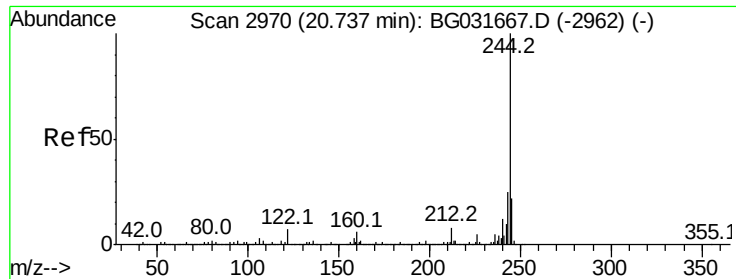
Tot Ion:188 Resp: 367928
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031683.D
Acq: 21 Dec 2017 21:14

Tgt Ion:240 Resp: 433792
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 74.337 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(70-72)

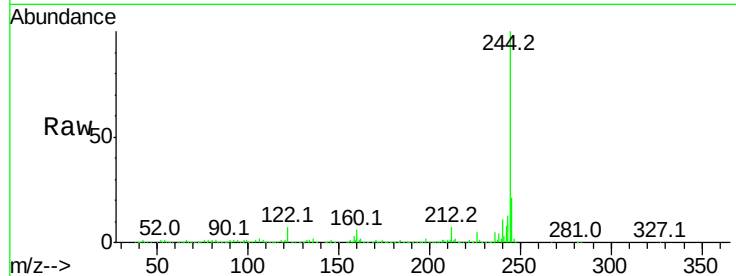
Tot Ion:244 Resp: 1411462

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

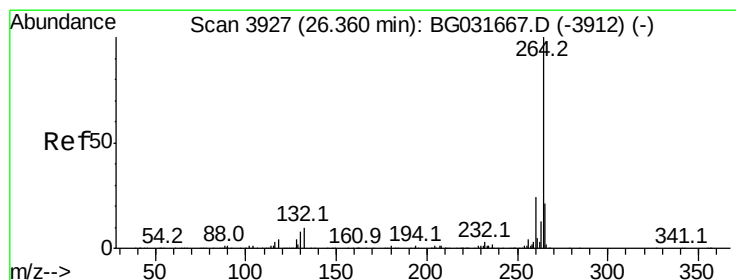
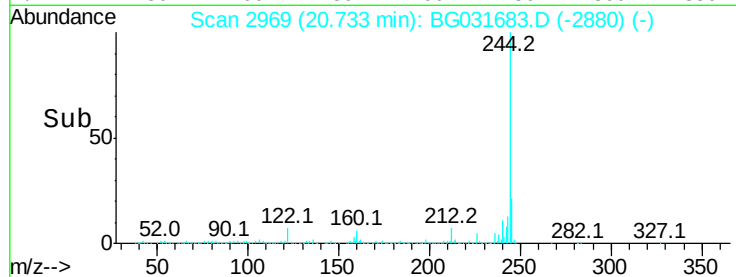
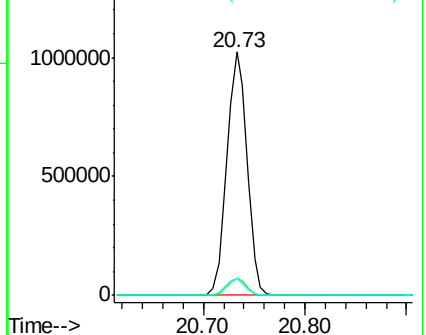
122 7.1 7.0 10.4



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: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031683.D

Acq: 21 Dec 2017 21:14

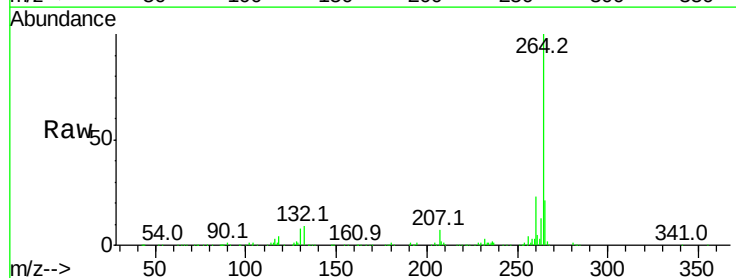
Tgt Ion:264 Resp: 457947

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.5 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

