

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035889.D
 Acq On : 26 Jul 2018 00:59
 Operator : JU/SJ
 Sample : J4140-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(140-142)

Quant Time: Jul 26 03:16:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

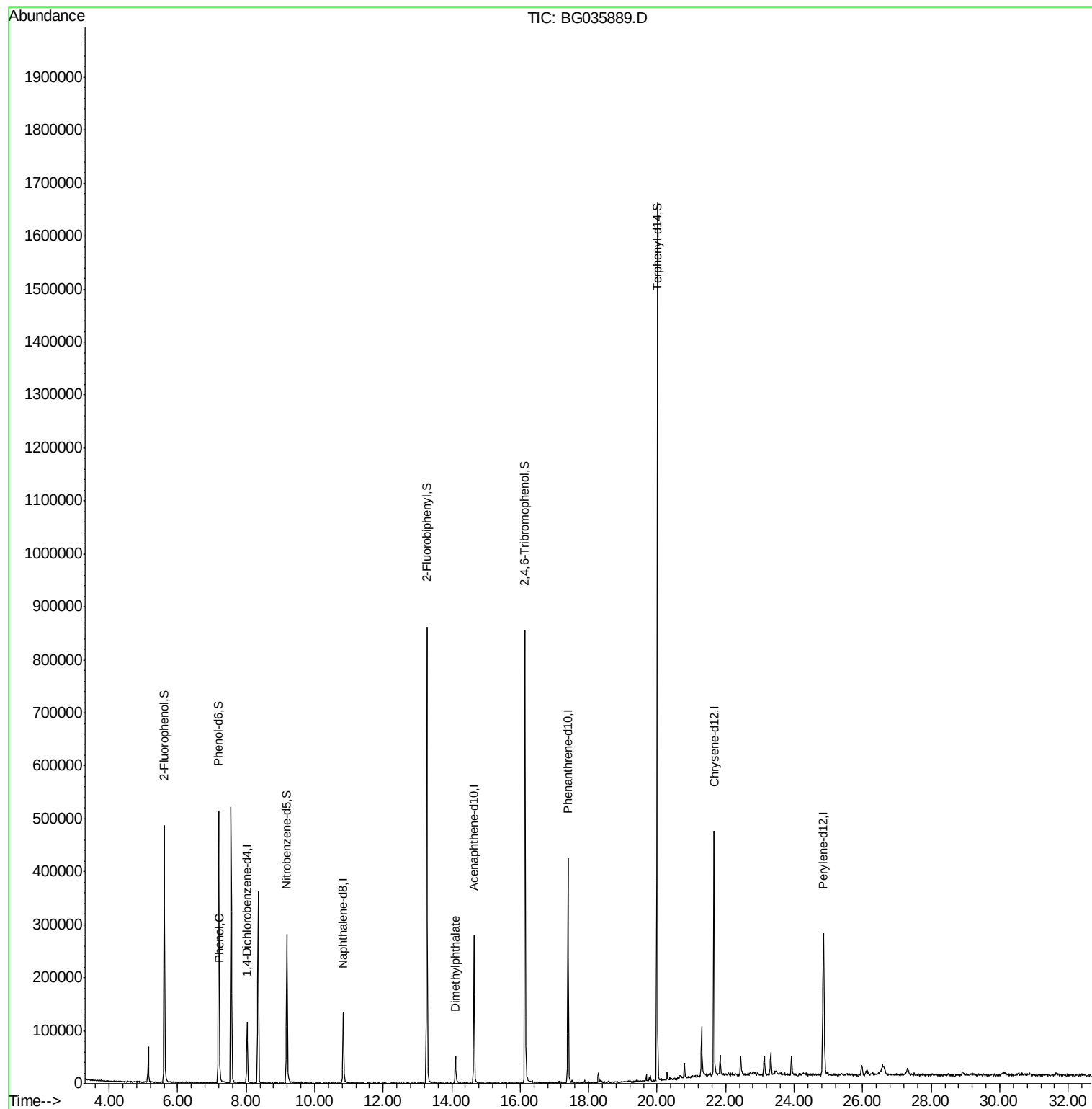
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32389	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129327	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103384	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	288437	20.00	ng	0.00
75) Chrysene-d12	21.66	240	312720	20.00	ng	0.00
86) Perylene-d12	24.85	264	291508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224099	114.87	ng	0.00
7) Phenol-d6	7.19	99	333446	114.56	ng	0.00
23) Nitrobenzene-d5	9.19	82	209056	67.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172283	126.43	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	489839	63.48	ng	0.00
78) Terphenyl-d14	20.00	244	808697	57.00	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14723	5.007	ng	# 78
49) Dimethylphthalate	14.11	163	49642	5.480	ng	# 98

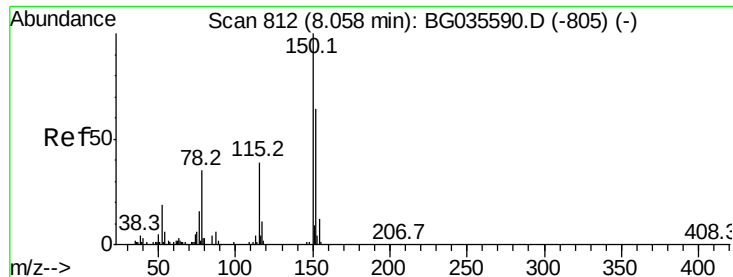
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(140-142)

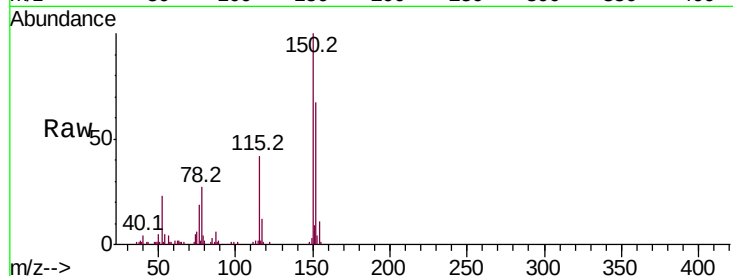
Tot Ion:152 Resp: 32389

Ion Ratio Lower Upper

152 100

150 149.9 126.6 189.8

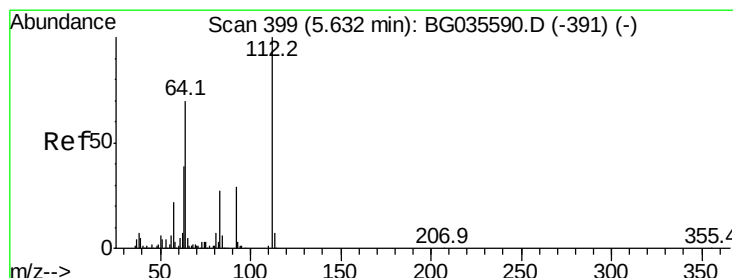
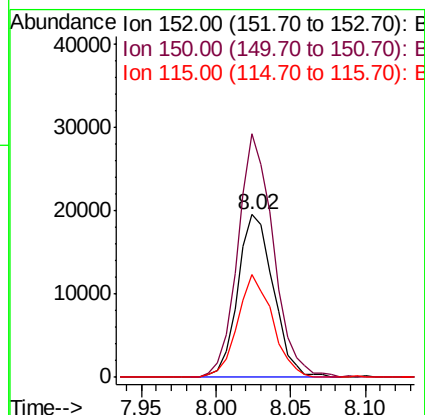
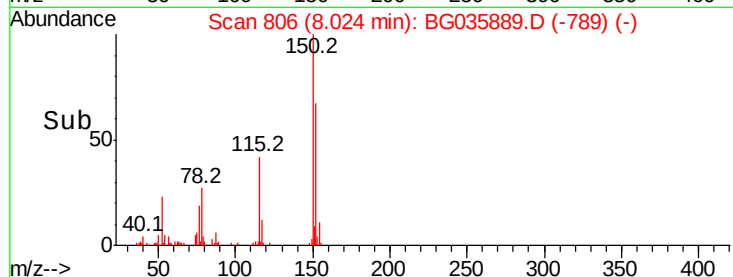
115 63.1 53.0 79.4



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: 114.871 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

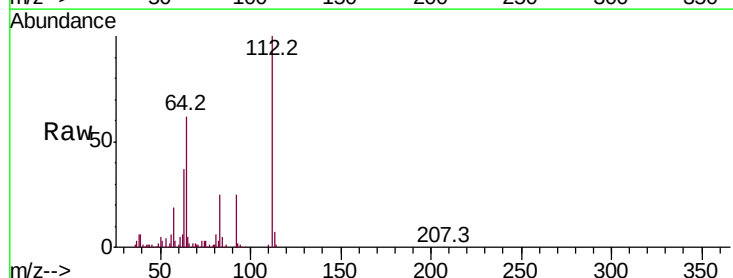
Tgt Ion:112 Resp: 224099

Ion Ratio Lower Upper

112 100

64 61.7 56.3 84.5

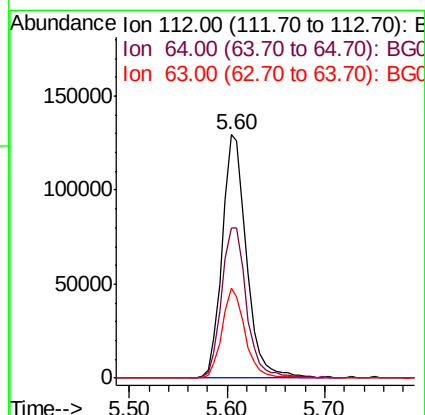
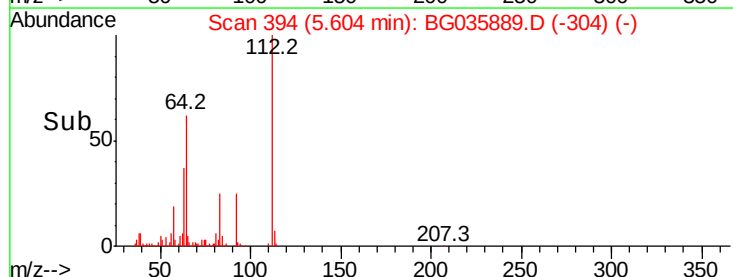
63 37.2 30.1 45.1

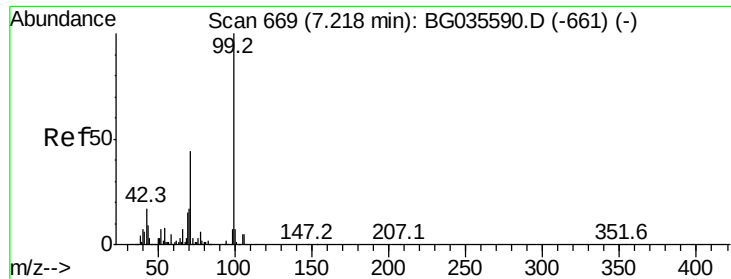


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.560 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(140-142)

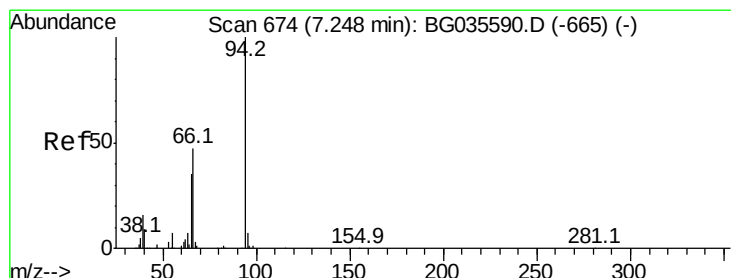
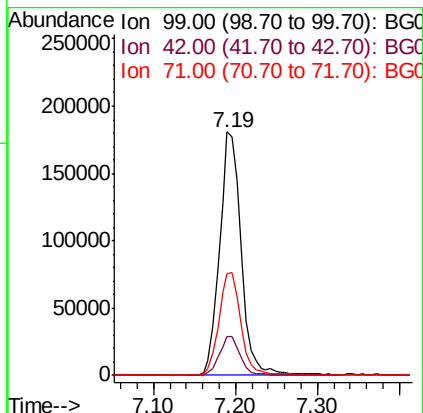
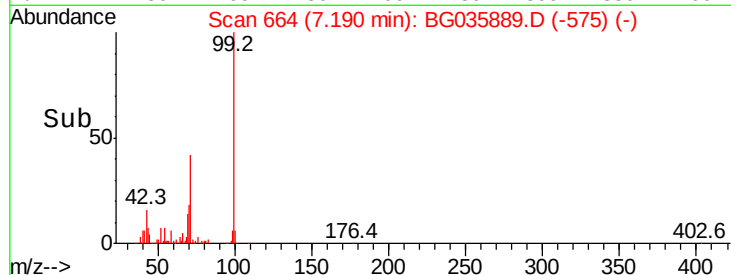
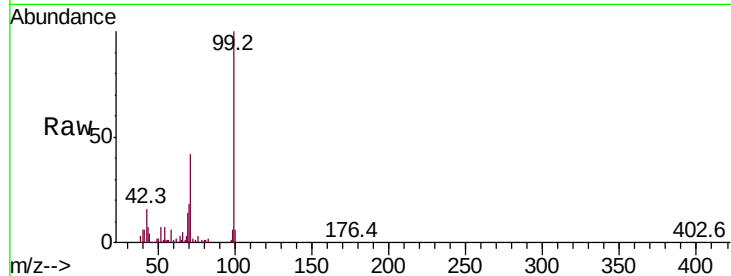
Tot Ion: 99 Resp: 333446

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 41.6 26.1 39.1#



#10

Phenol

Concen: 5.007 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

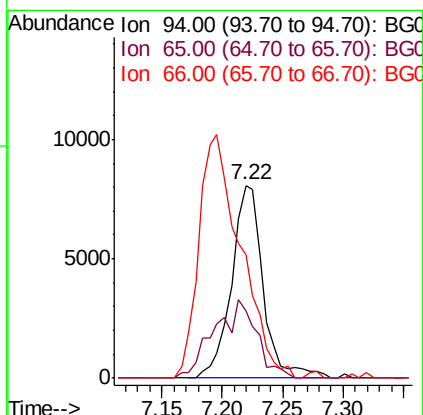
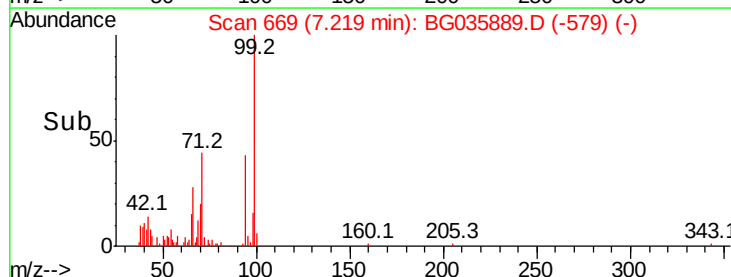
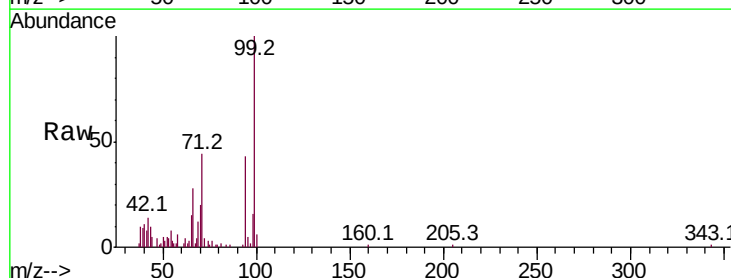
Tgt Ion: 94 Resp: 14723

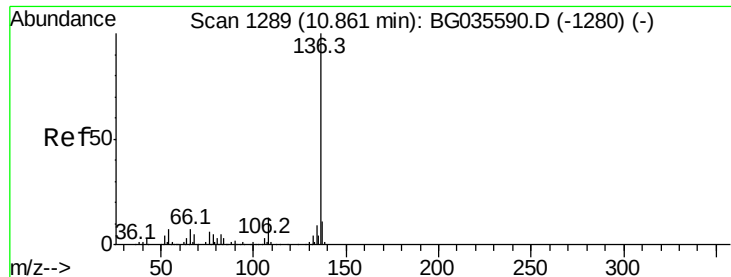
Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

66 63.9 22.2 62.2#

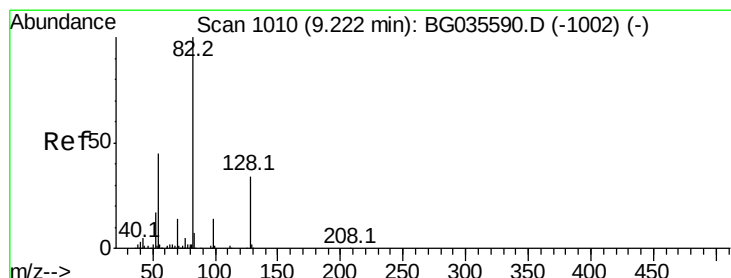
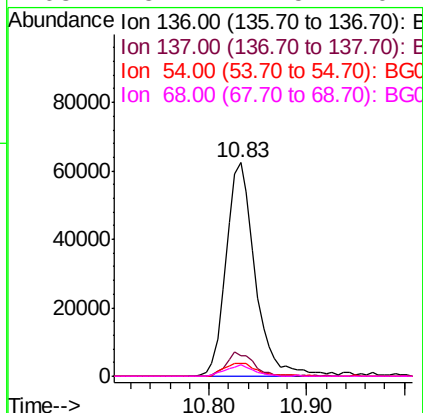
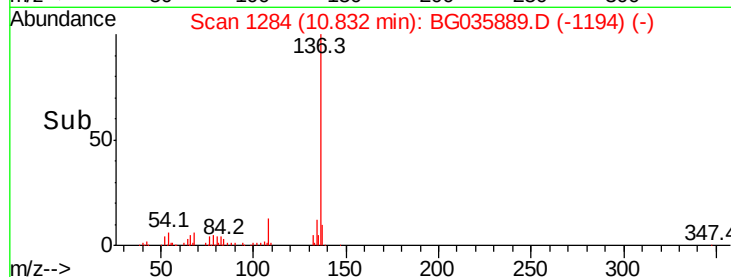
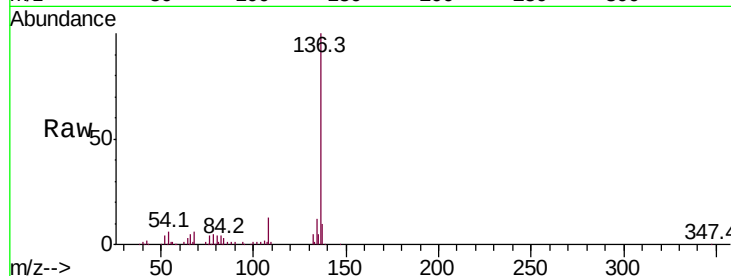




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

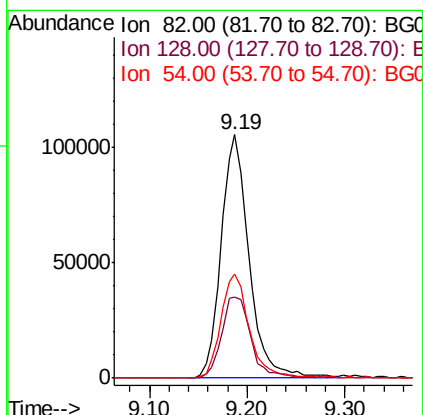
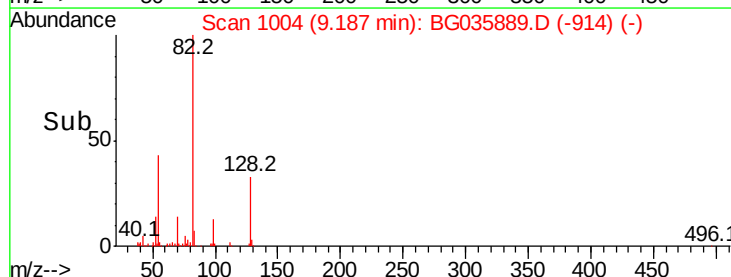
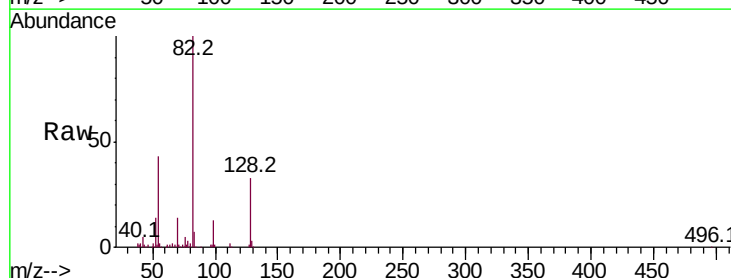
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

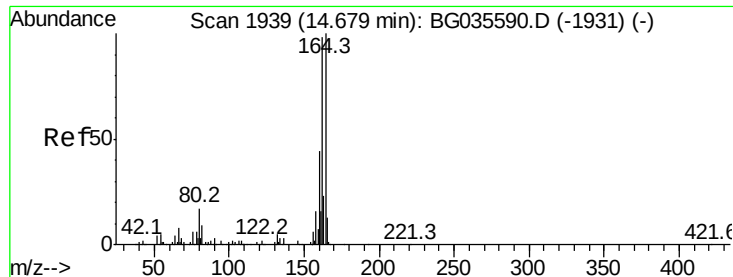
Tot Ion:	136	Resp:	129327
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	6.2	10.3	15.5#
68	5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 67.528 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:	82	Resp:	209056
Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	42.8	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(140-142)

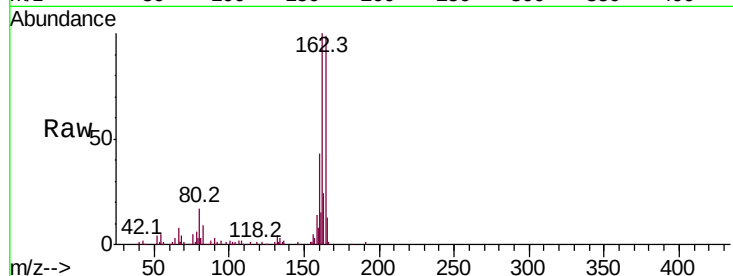
Tot Ion:164 Resp: 103384

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

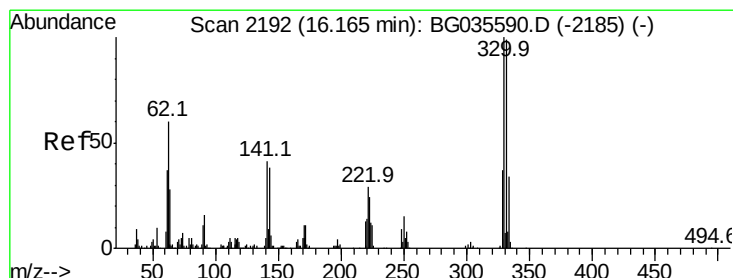
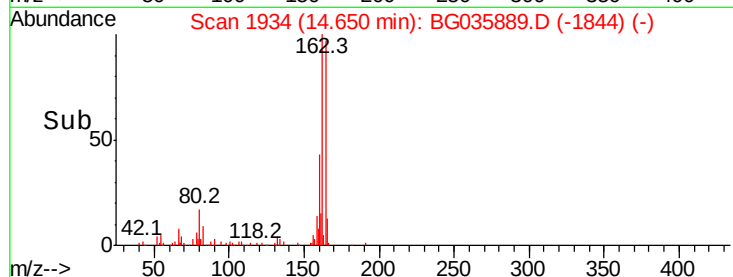
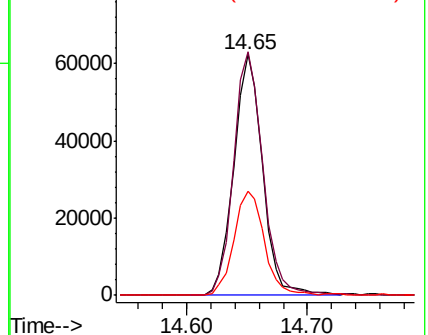
160 43.2 35.4 53.0



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: 126.431 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

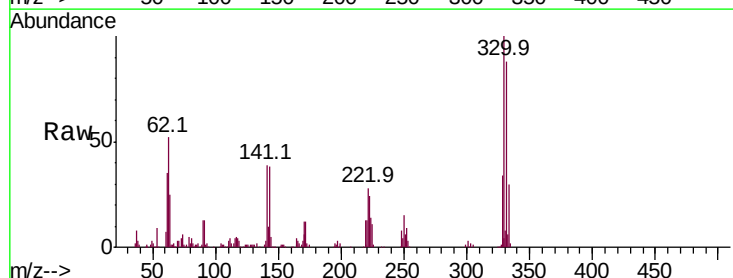
Tgt Ion:330 Resp: 172283

Ion Ratio Lower Upper

330 100

332 92.3 77.0 115.6

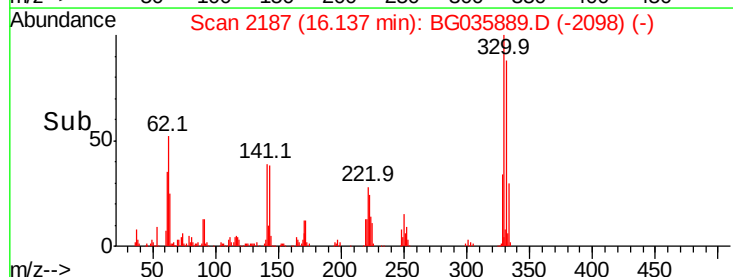
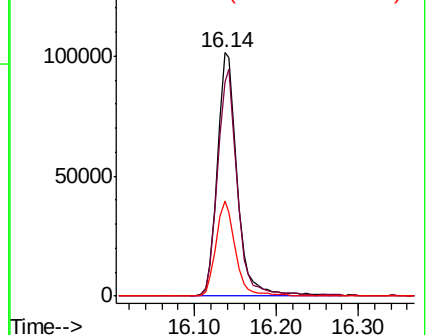
141 38.2 25.2 37.8#

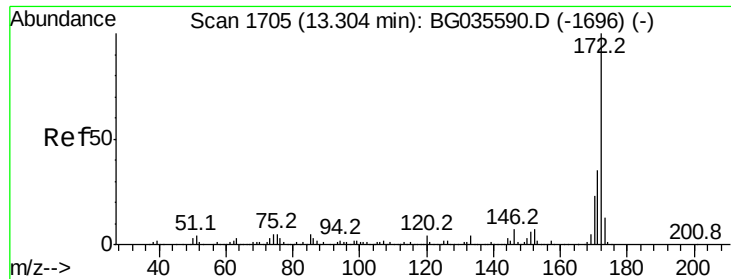


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

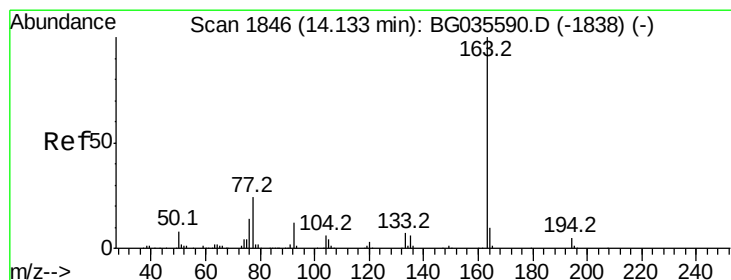
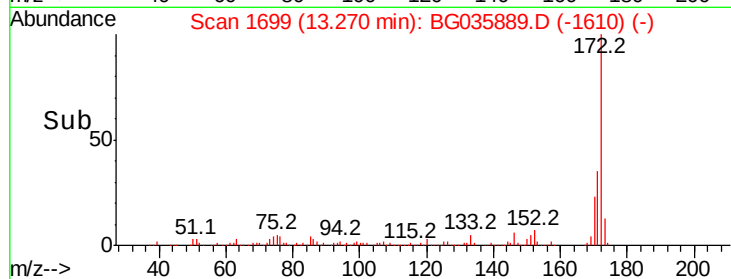
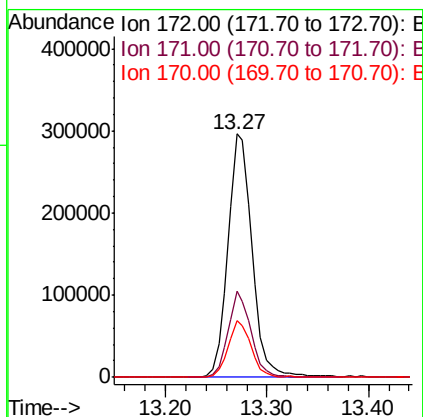
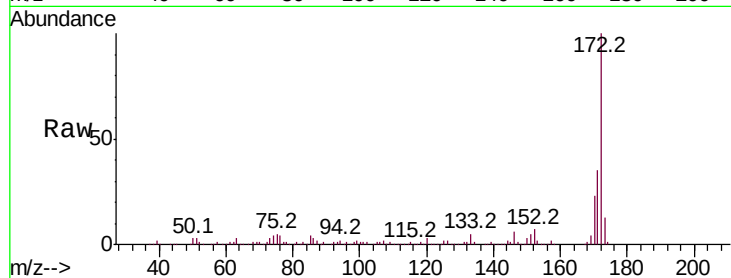




#44
2-Fluorobiphenyl
Concen: 63.478 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

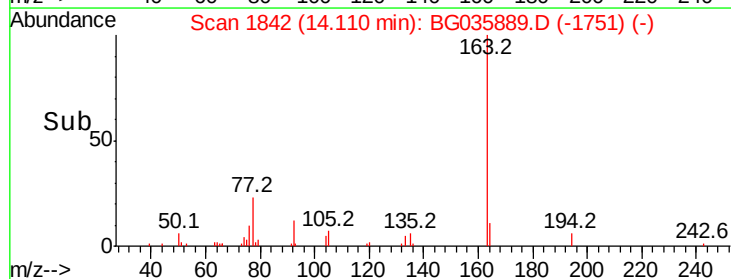
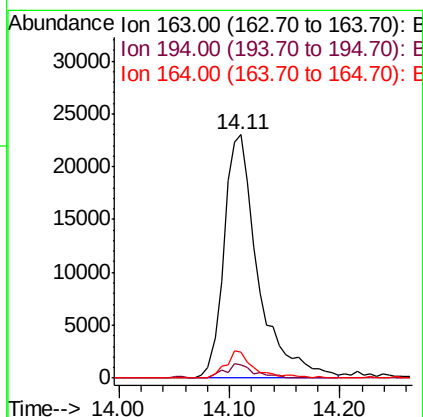
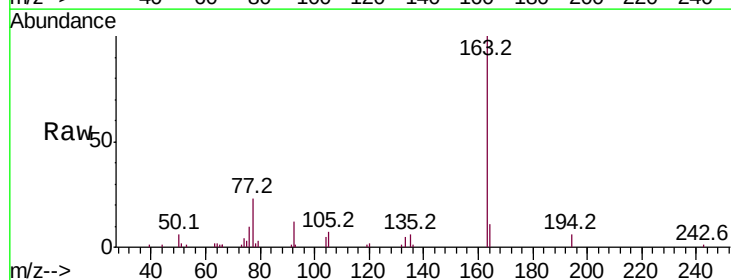
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

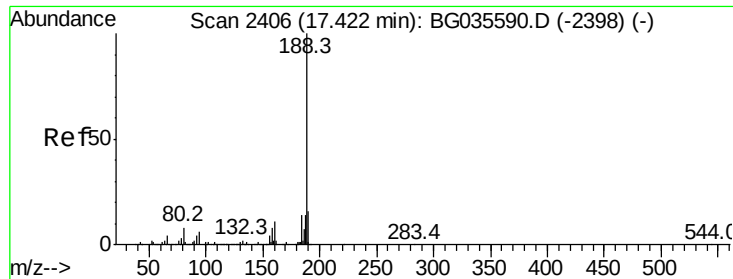
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.3	19.5	29.3



#49
Dimethylphthalate
Concen: 5.480 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	10.6	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(140-142)

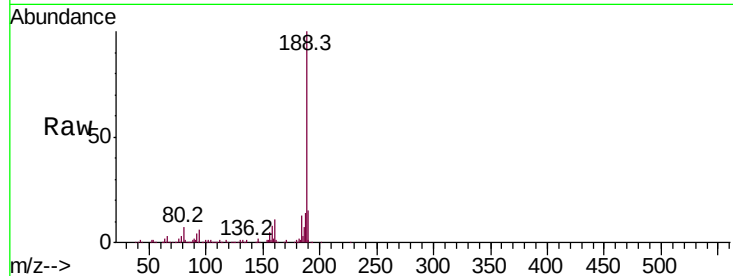
Tot Ion:188 Resp: 288437

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

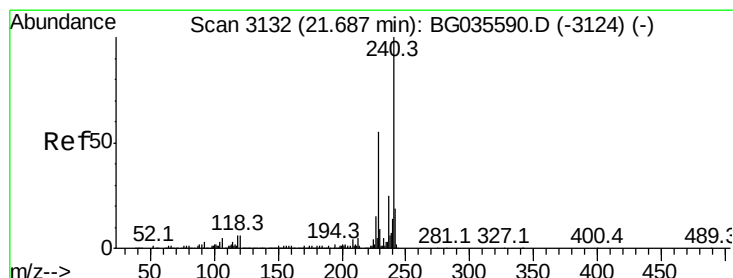
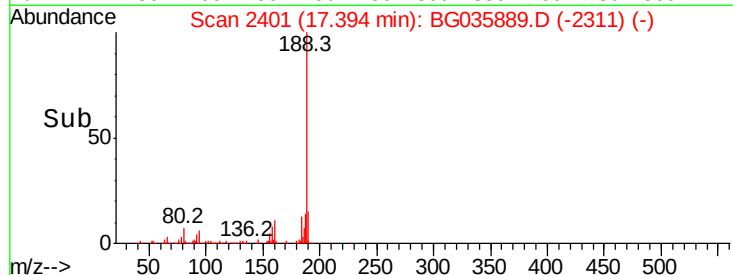
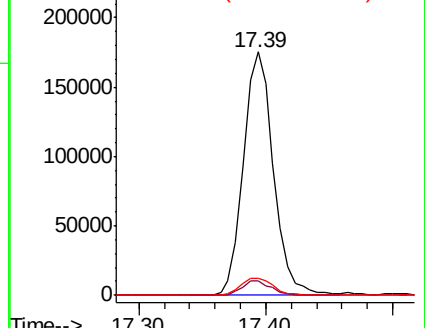
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

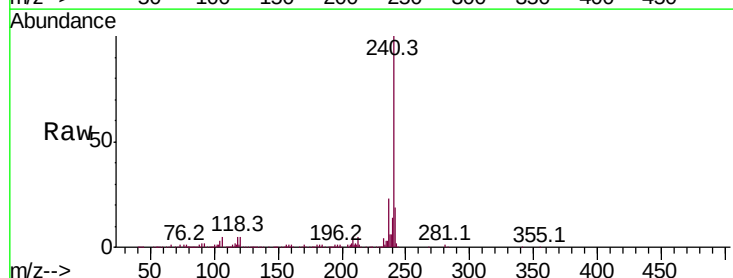
Tgt Ion:240 Resp: 312720

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

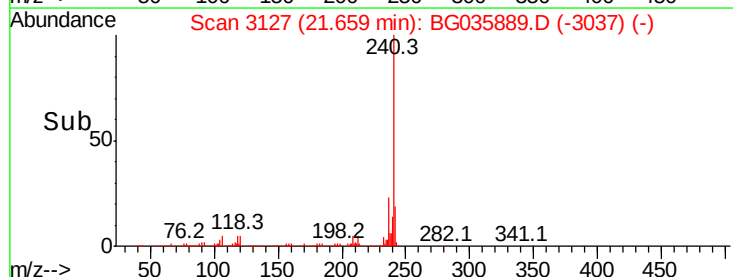
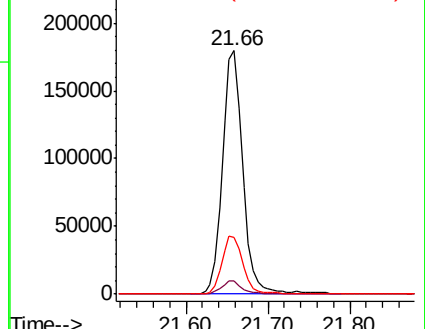
236 23.4 20.9 31.3

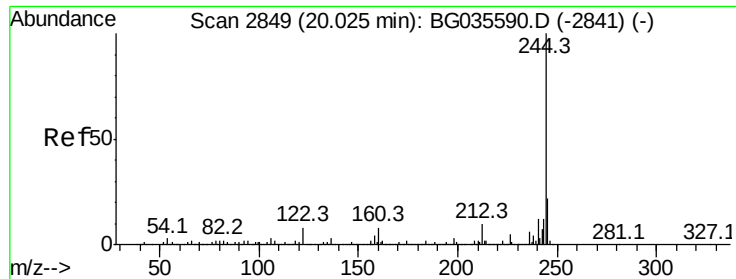


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.003 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

Instrument :

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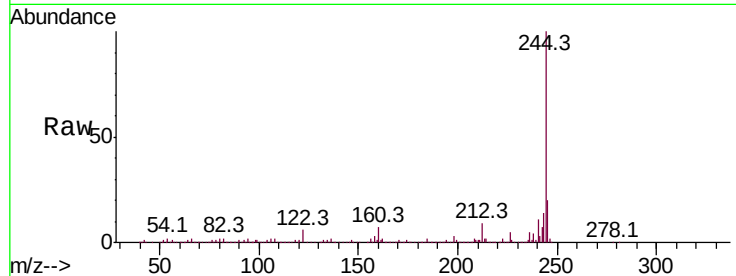
Tot Ion:244 Resp: 808697

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

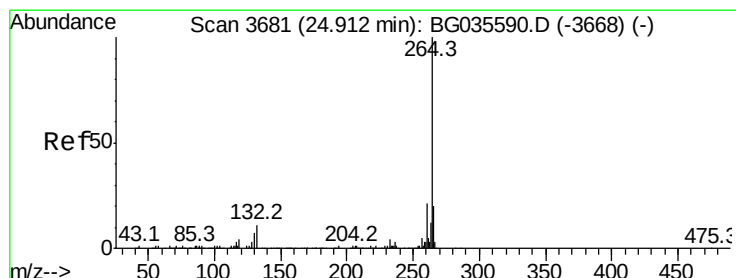
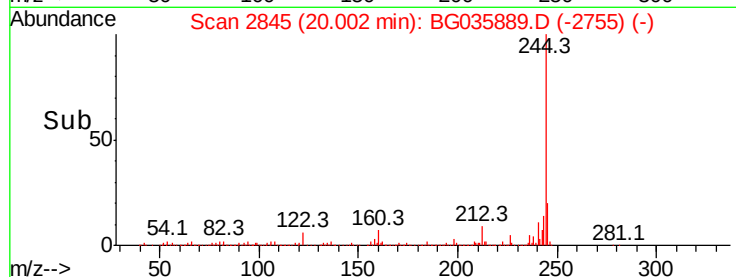
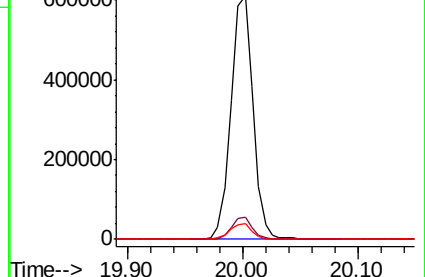
122 6.4 7.0 10.4#



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035889.D

Acq: 26 Jul 2018 00:59

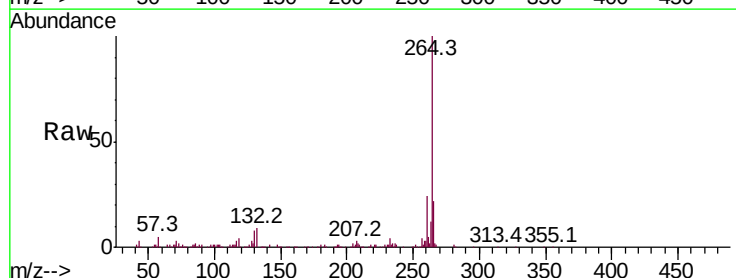
Tgt Ion:264 Resp: 291508

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.1 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

