

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027440.D
 Acq On : 15 Jun 2017 7:03
 Operator : SJ/MA
 Sample : I3643-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 07:48:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

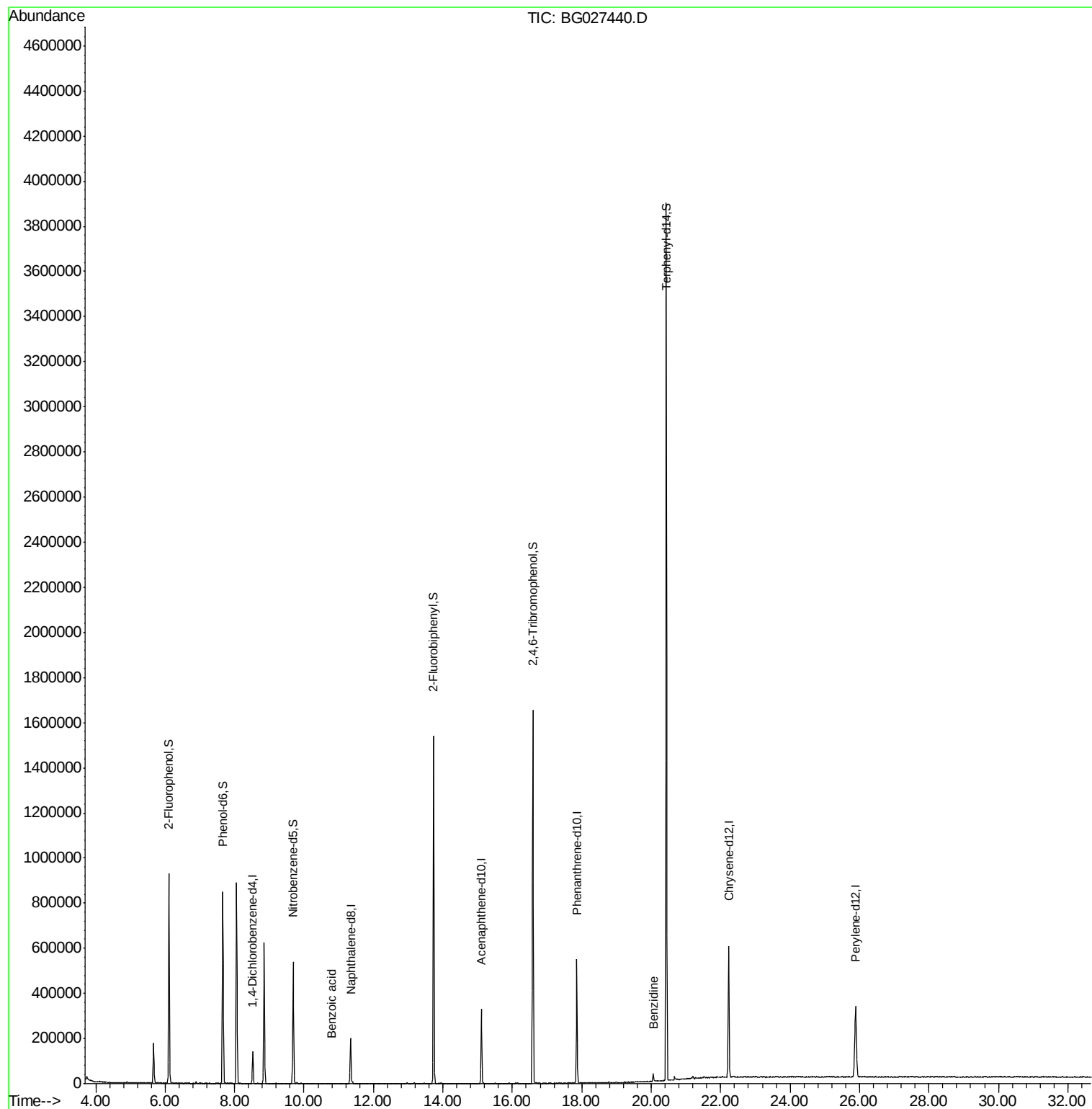
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	38923	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	176172	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	114745	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	336328	20.00	ng	0.00
75) Chrysene-d12	22.23	240	391368	20.00	ng	0.00
86) Perylene-d12	25.89	264	374274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	408463	148.31	ng	0.00
7) Phenol-d6	7.66	99	533676	126.09	ng	0.00
23) Nitrobenzene-d5	9.69	82	350055	101.30	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	313604	182.10	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	791472	99.65	ng	0.00
78) Terphenyl-d14	20.43	244	1658538	108.62	ng	0.00
Target Compounds						
32) Benzoic acid	10.80	122	62	8.69	ng	Qvalue # 1
76) Benzidine	20.06	184	23842	2.78	ng	98

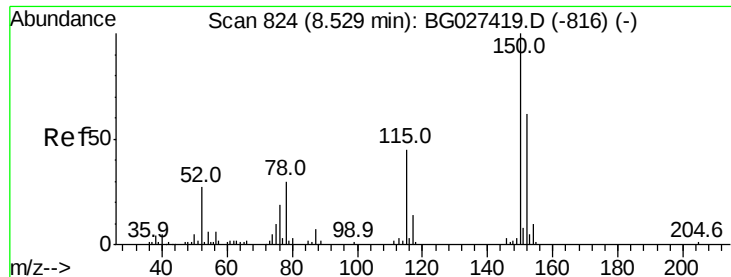
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027440.D
Acq On : 15 Jun 2017 7:03
Operator : SJ/MA
Sample : I3643-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 15 07:48:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:09:08 2017
Response via : Initial Calibration



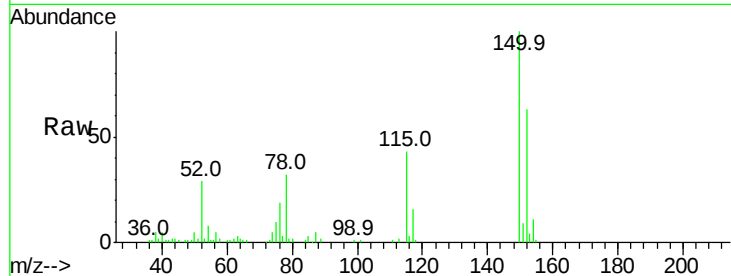


#1

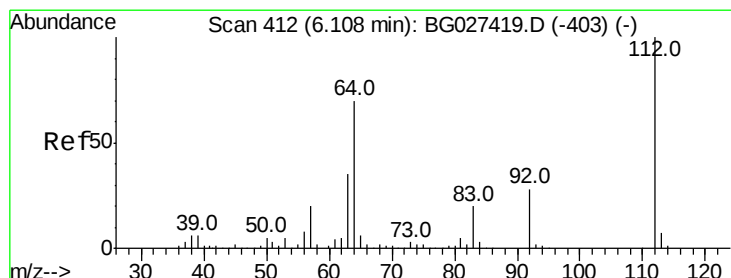
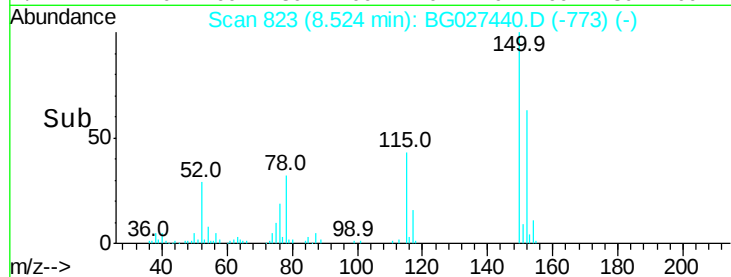
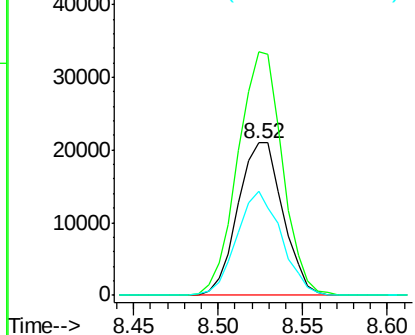
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027440.D
Acq: 15 Jun 2017 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38923
Ion Ratio Lower Upper
152 100
150 159.9 114.0 171.0
115 68.3 48.1 72.1



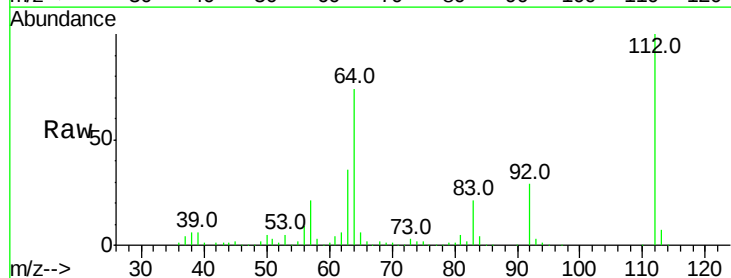
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



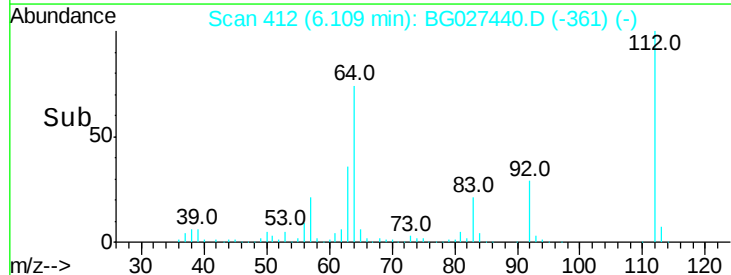
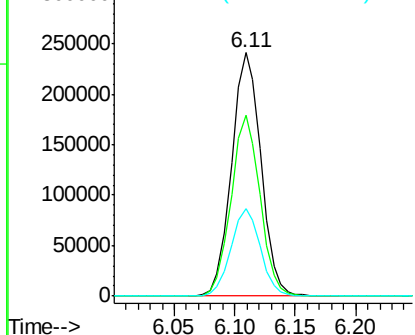
#5

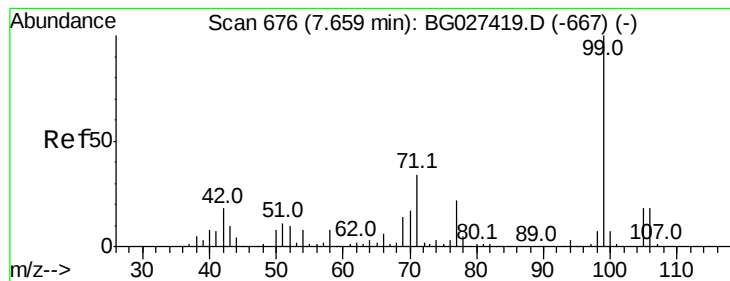
2-Fluorophenol
Concen: 148.31 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027440.D
Acq: 15 Jun 2017 7:03

Tgt Ion:112 Resp: 408463
Ion Ratio Lower Upper
112 100
64 74.2 61.8 92.6
63 36.1 37.2 55.8#



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: 126.09 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

Instrument :

BNA_G

ClientSampleId :

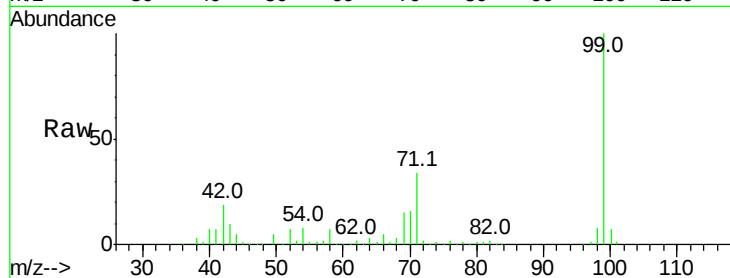
Tot Ion: 99 Resp: 533676

Ion Ratio Lower Upper

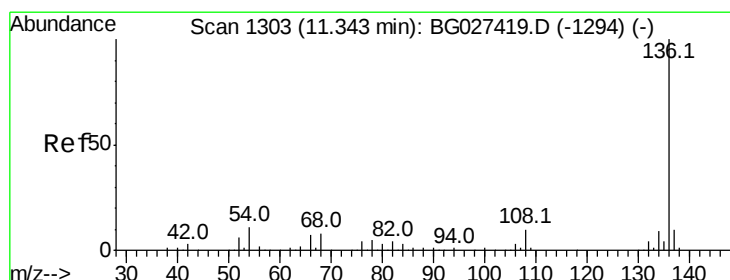
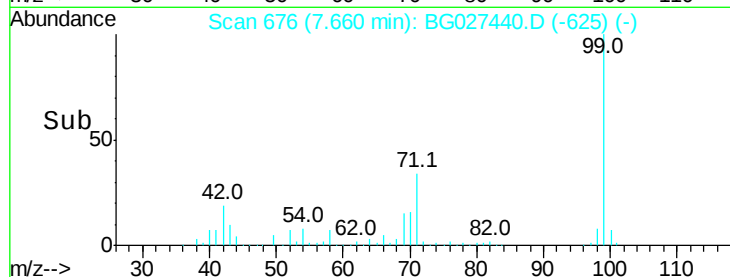
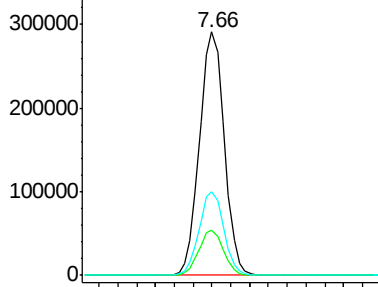
99 100

42 18.7 20.5 30.7#

71 34.4 37.6 56.4#



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: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

Tgt Ion: 136 Resp: 176172

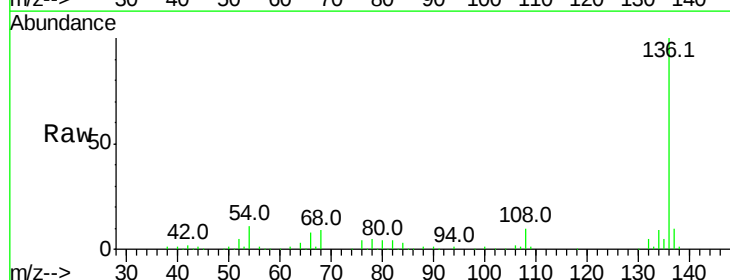
Ion Ratio Lower Upper

136 100

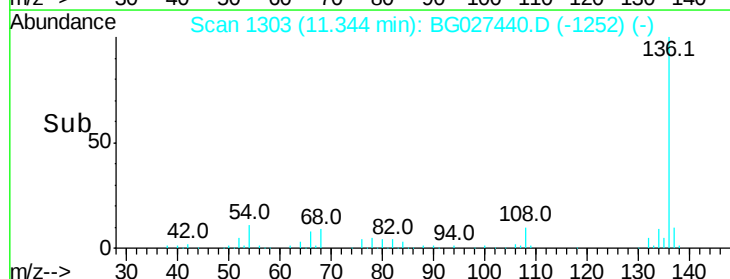
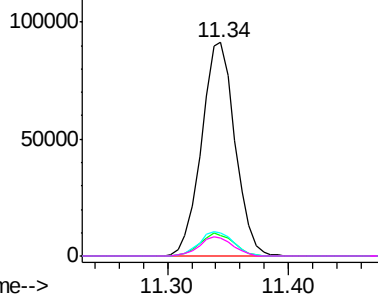
137 9.7 8.9 13.3

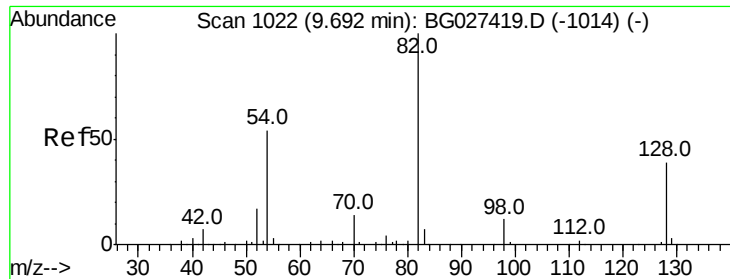
54 10.7 9.3 13.9

68 8.6 5.1 7.7#



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

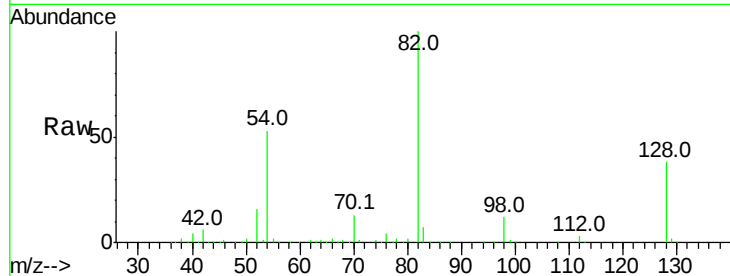




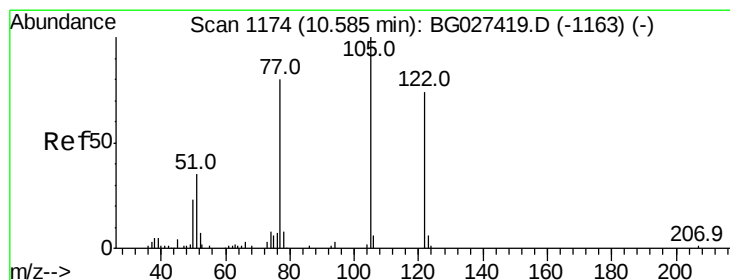
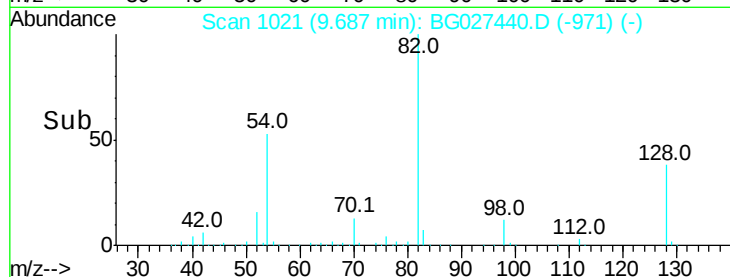
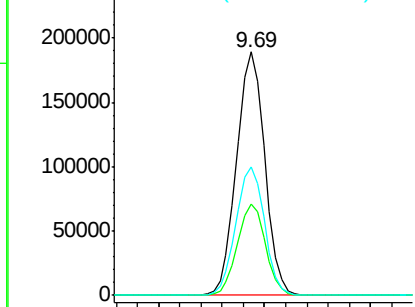
#23
 Nitrobenzene-d5
 Concen: 101.30 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG027440.D
 Acq: 15 Jun 2017 7:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	52.5	49.4	74.2

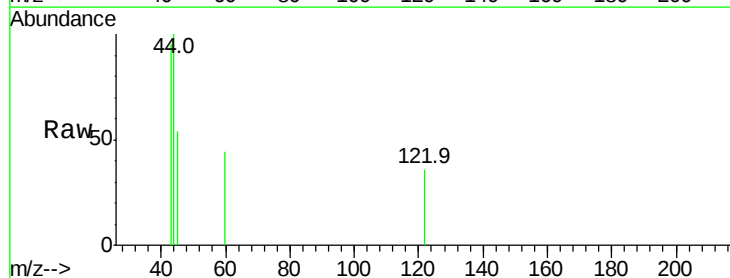


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

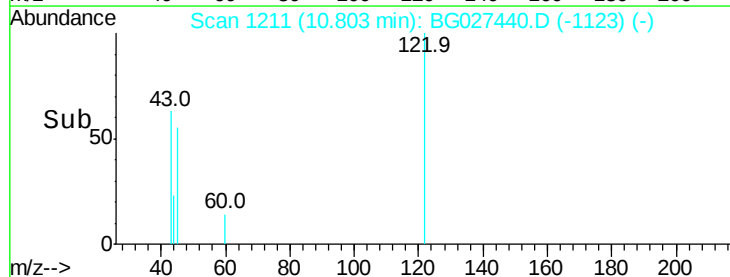
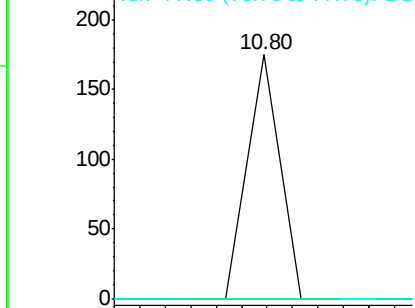


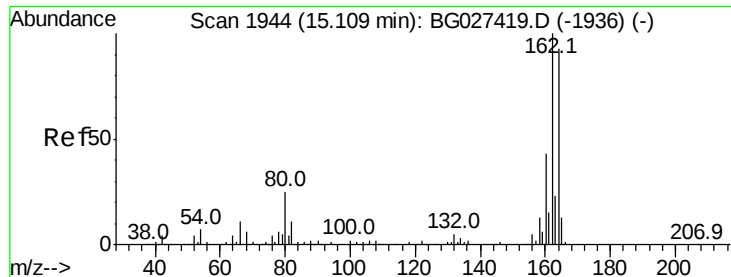
#32
 Benzoic acid
 Concen: 8.69 ng
 RT: 10.80 min Scan# 1211
 Delta R.T. 0.22 min
 Lab File: BG027440.D
 Acq: 15 Jun 2017 7:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.10 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

Instrument :

BNA_G

ClientSampleId :

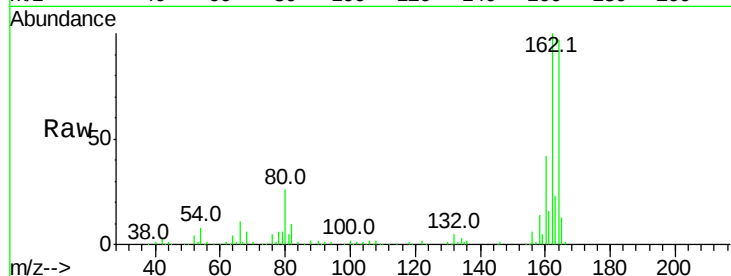
Tot Ion:164 Resp: 114745

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

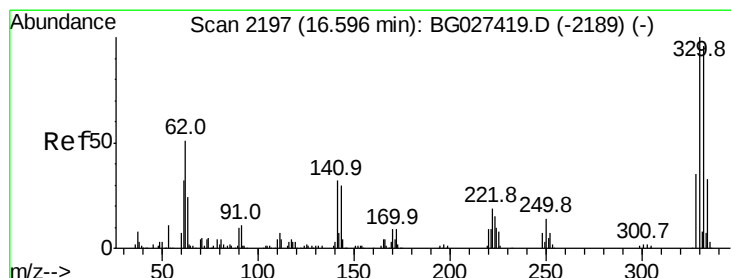
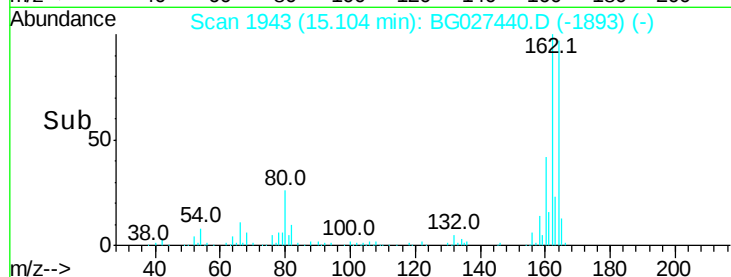
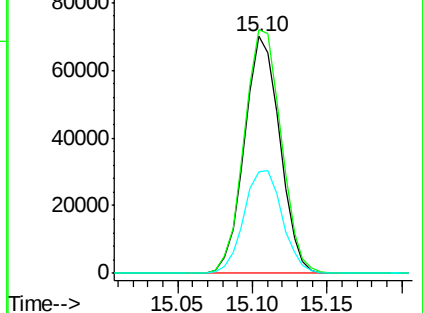
160 42.9 34.7 52.1



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: 182.10 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

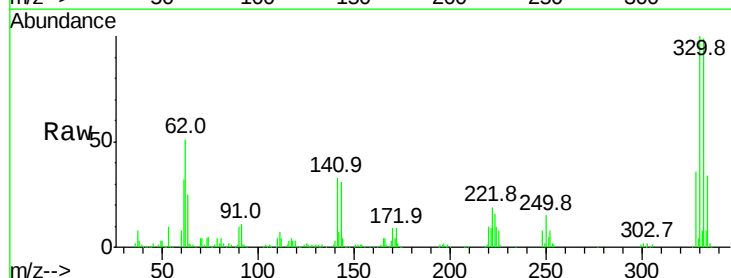
Tgt Ion:330 Resp: 313604

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

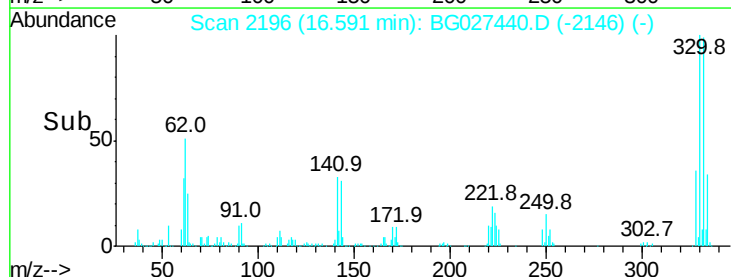
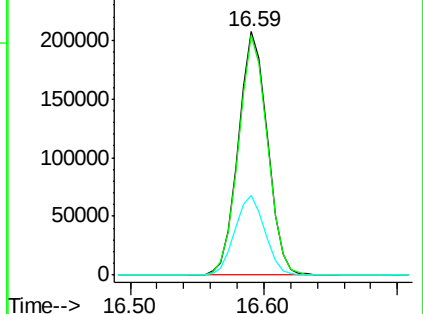
141 33.8 32.1 48.1

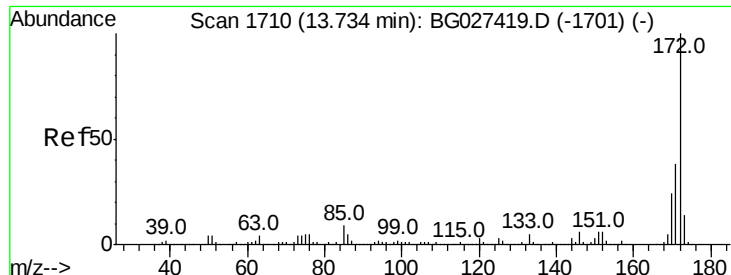


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

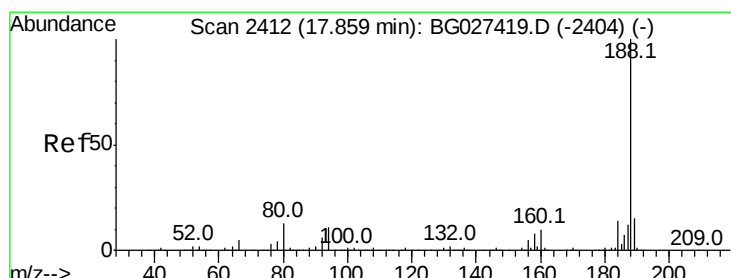
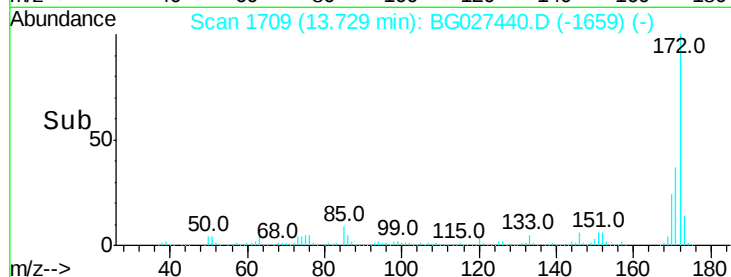
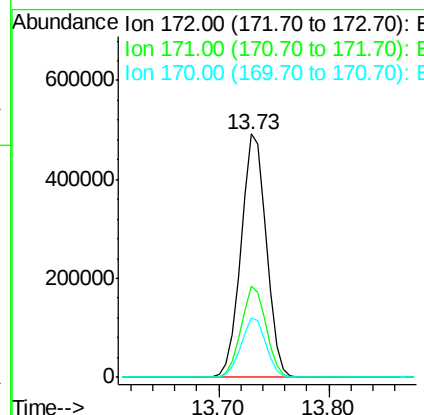
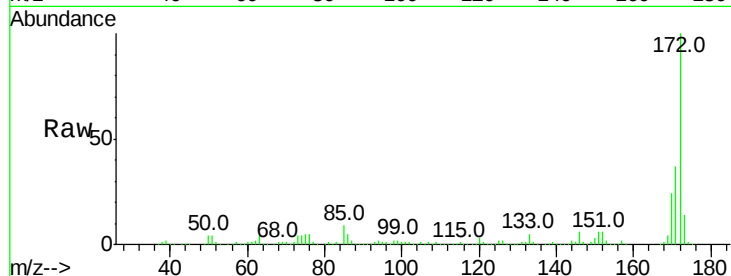




#44
 2-Fluorobiphenyl
 Concen: 99.65 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027440.D
 Acq: 15 Jun 2017 7:03

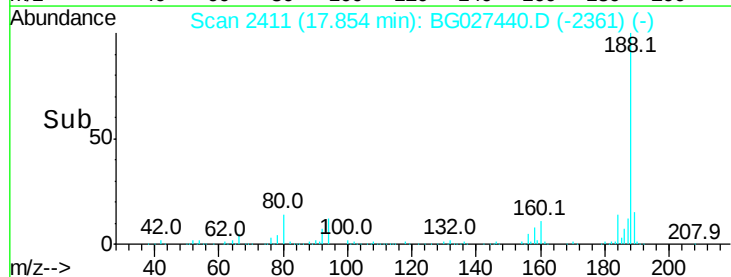
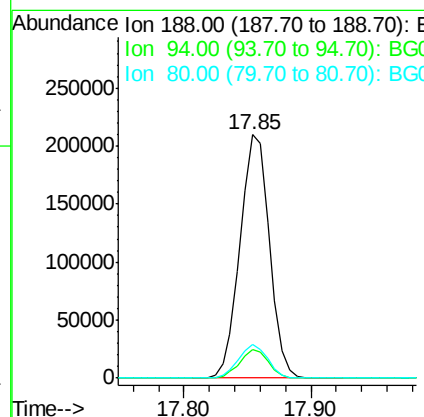
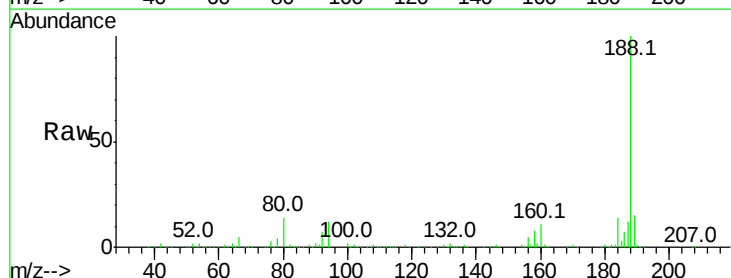
Instrument :
 BNA_G
 ClientSampleId :

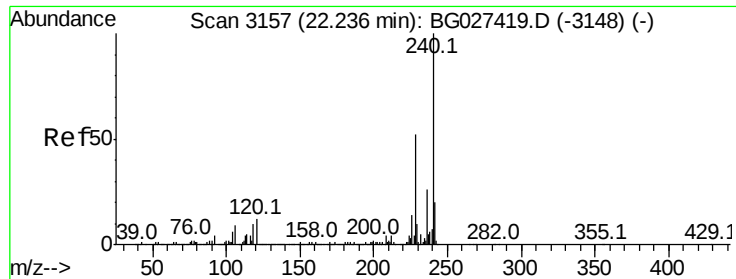
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.2	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027440.D
 Acq: 15 Jun 2017 7:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.8	8.8#
80	14.0	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

Instrument :

BNA_G

ClientSampleId :

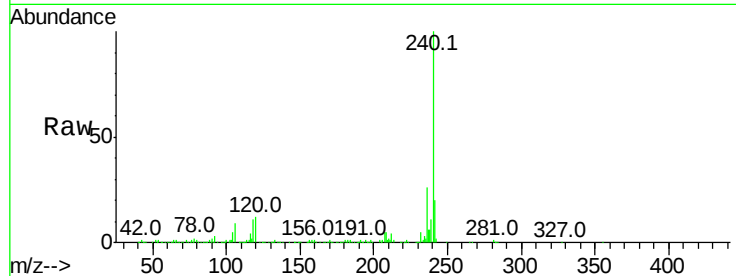
Tot Ion:240 Resp: 391368

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

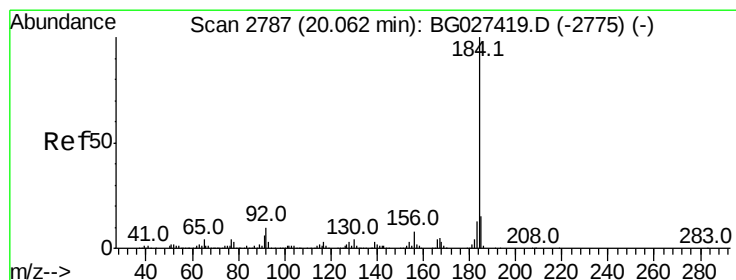
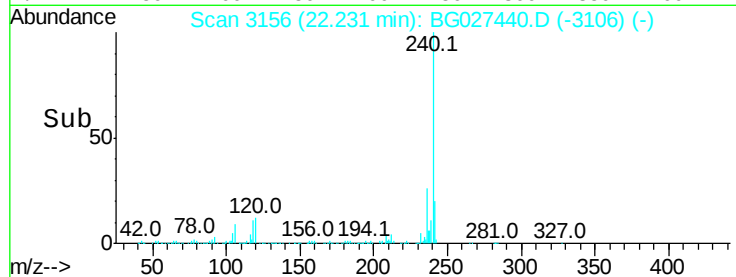
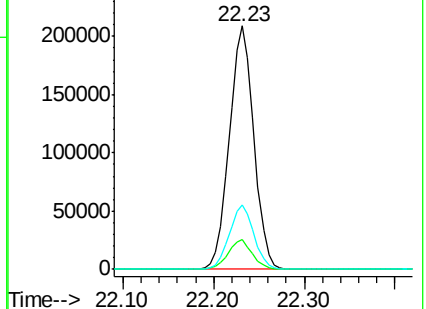
236 26.2 22.2 33.4



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



#76

Benzidine

Concen: 2.78 ng

RT: 20.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

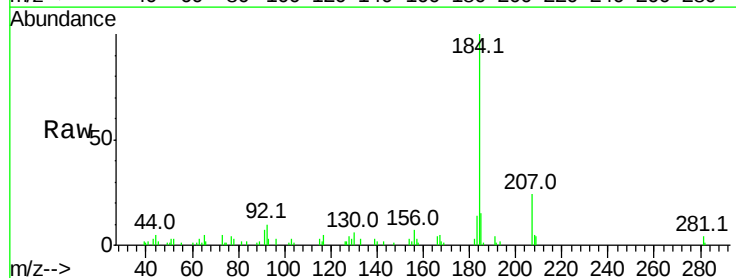
Tgt Ion:184 Resp: 23842

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

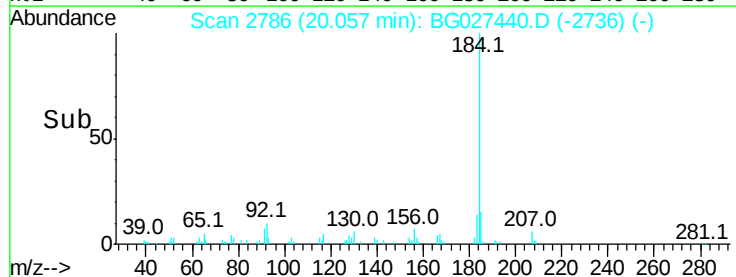
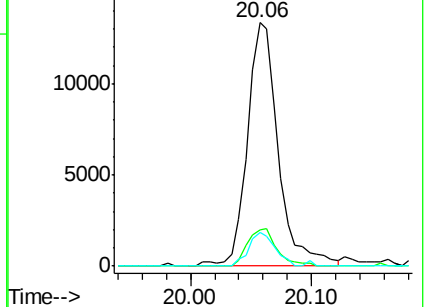
183 14.0 11.0 16.6

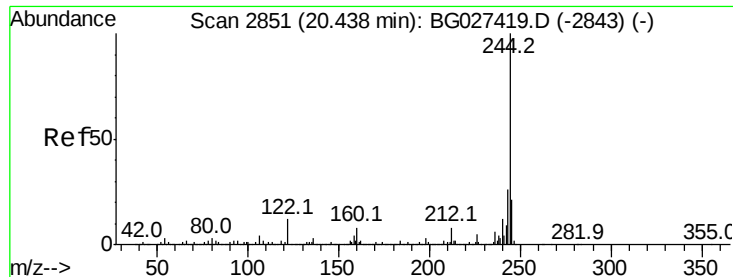


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 108.62 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

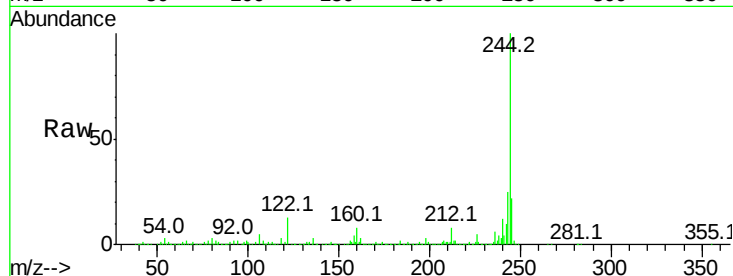
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1658538

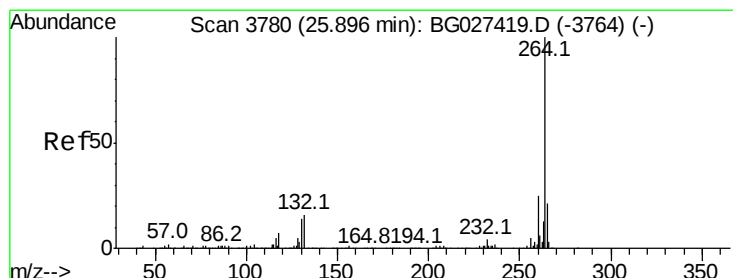
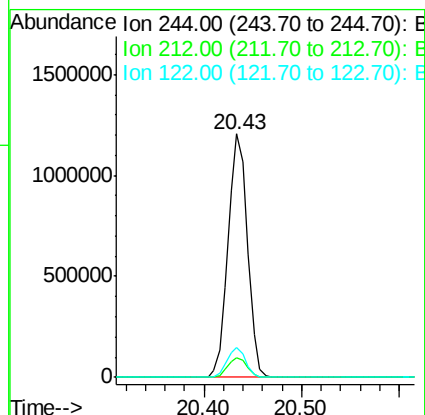
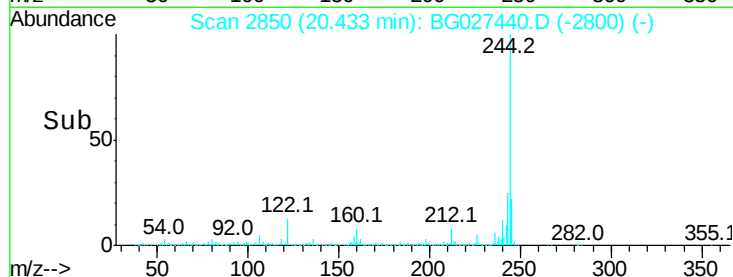
Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	12.5	8.6	12.8



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: 20.00 ng

RT: 25.89 min Scan# 3778

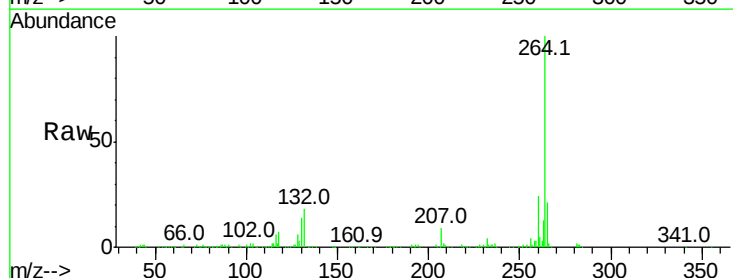
Delta R.T. -0.01 min

Lab File: BG027440.D

Acq: 15 Jun 2017 7:03

Tgt Ion:264 Resp: 374274

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	20.9	18.2	27.4



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

