

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022589.D
 Acq On : 26 Jun 2016 00:46
 Operator : UM/SJ
 Sample : H3701-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2A

Quant Time: Jun 26 06:49:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

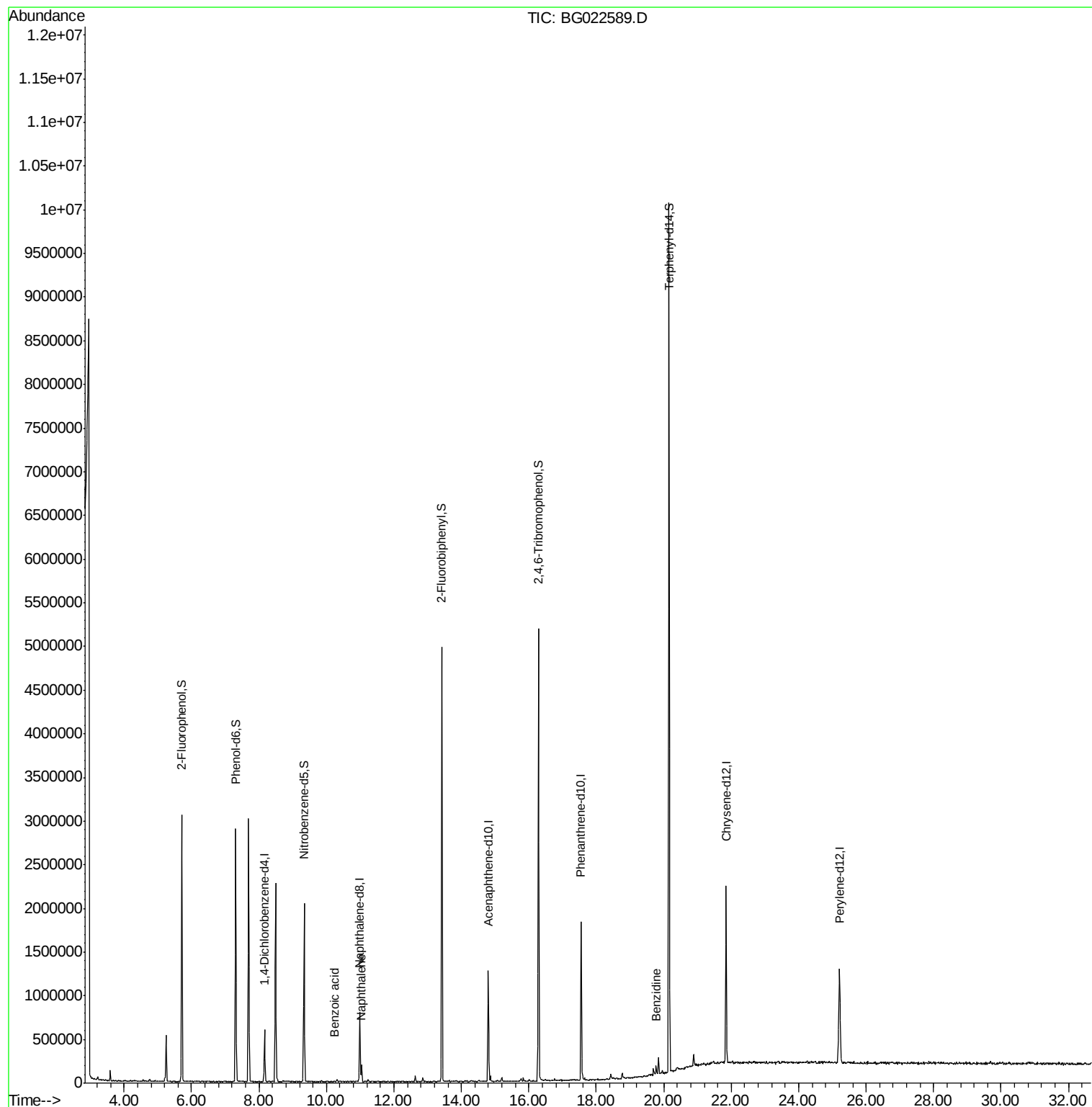
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	140266	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	606535	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	427673	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1108254	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1278194	20.00	ng	0.00
86) Perylene-d12	25.22	264	1278219	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1169360	133.72	ng	0.00
7) Phenol-d6	7.31	99	1583590	128.47	ng	0.00
23) Nitrobenzene-d5	9.34	82	1287098	89.81	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	967767	143.87	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2330682	86.43	ng	0.00
78) Terphenyl-d14	20.16	244	3427200	71.04	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	144207	4.73	ng	99
32) Benzoic acid	10.23	122	180	5.14	ng	# 1
76) Benzidine	19.78	184	52417	3.85	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2A

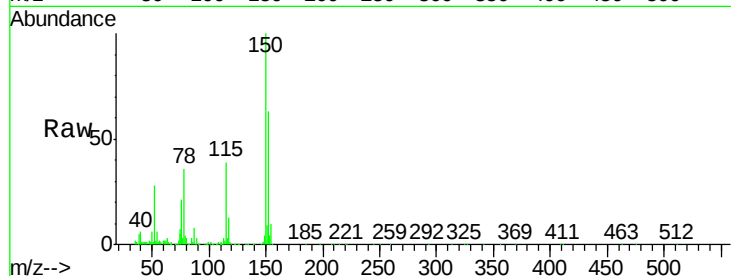
Tgt Ion:152 Resp: 140266

Ion Ratio Lower Upper

152 100

150 158.9 144.7 217.1

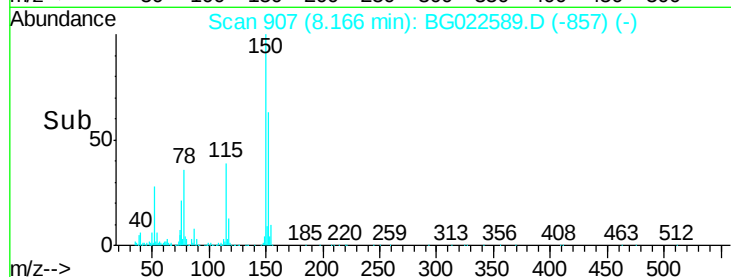
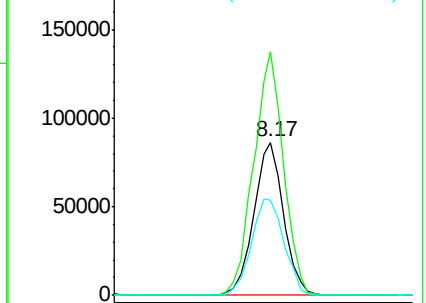
115 62.5 64.0 96.0#



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: 133.72 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

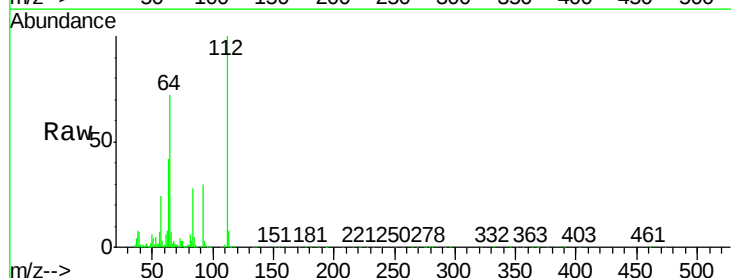
Tgt Ion:112 Resp: 1169360

Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

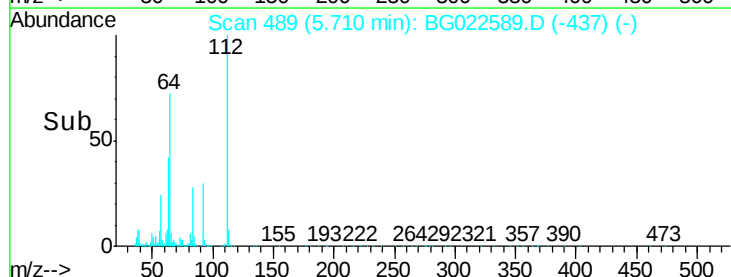
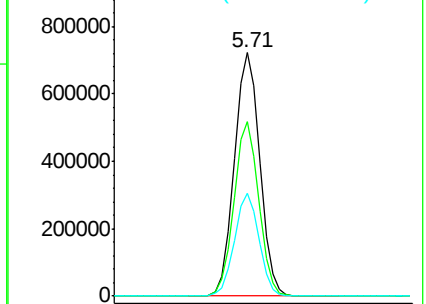
63 42.0 37.8 56.8

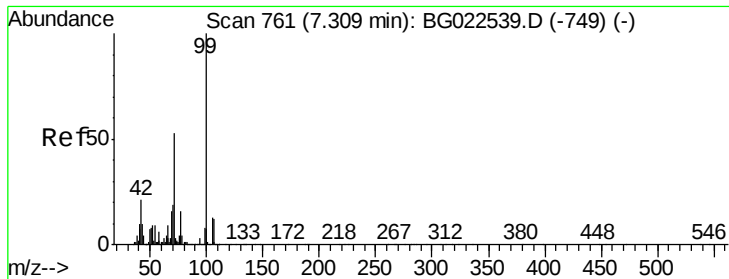


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.47 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2A

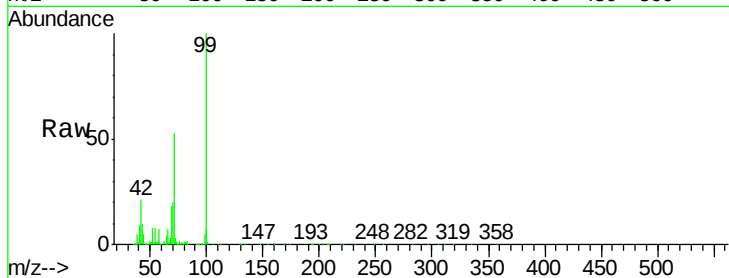
Tgt Ion: 99 Resp: 1583590

Ion Ratio Lower Upper

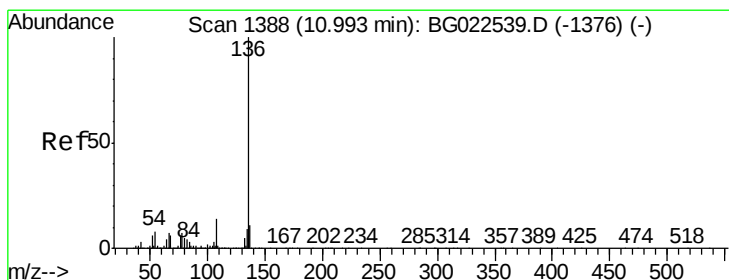
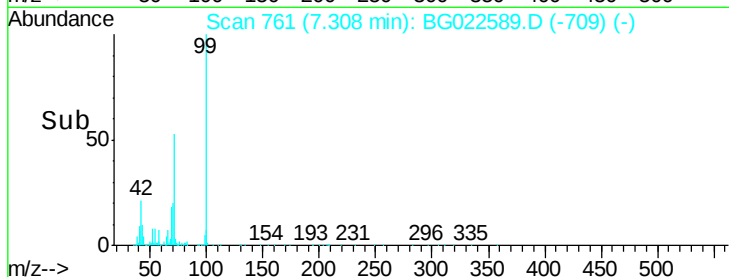
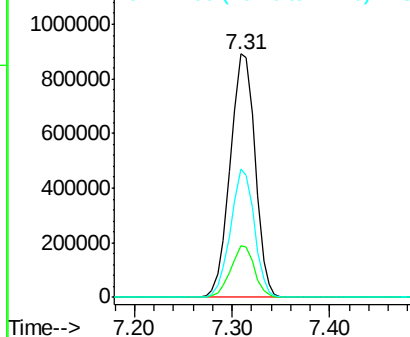
99 100

42 21.3 17.8 26.6

71 52.6 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

Tgt Ion: 136 Resp: 606535

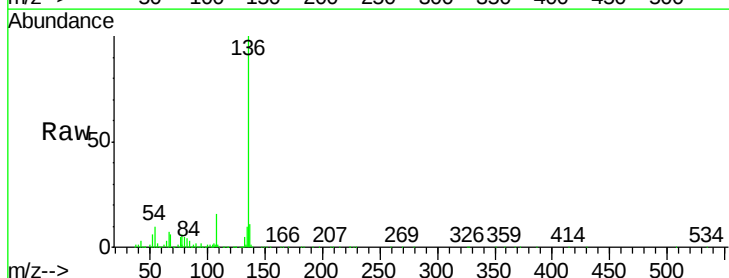
Ion Ratio Lower Upper

136 100

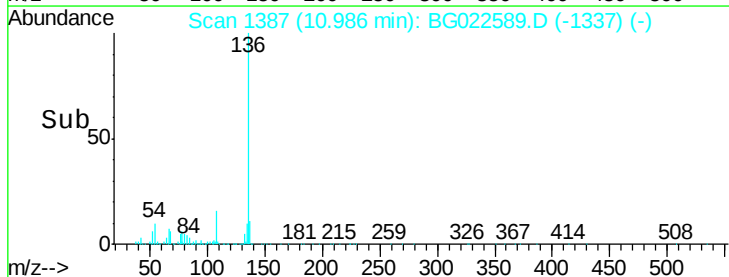
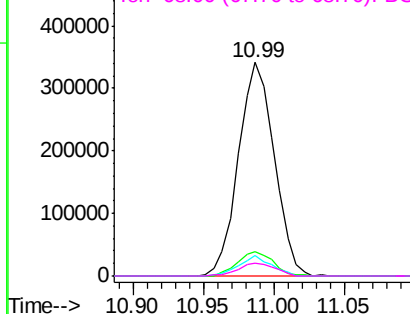
137 11.4 9.6 14.4

54 9.9 7.3 10.9

68 6.1 5.3 7.9



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

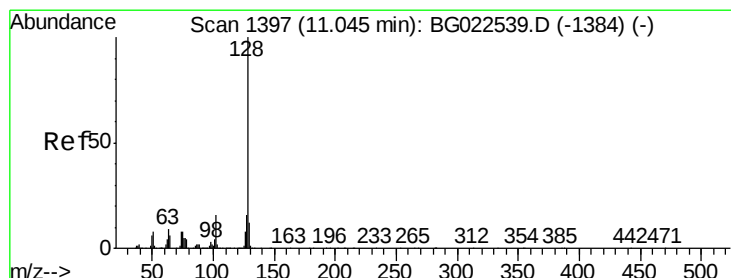
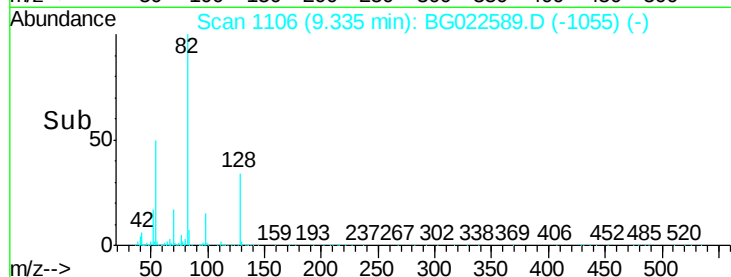
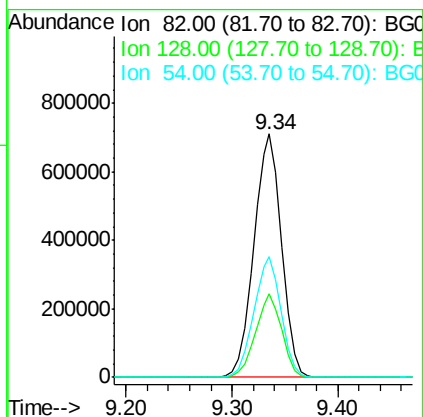
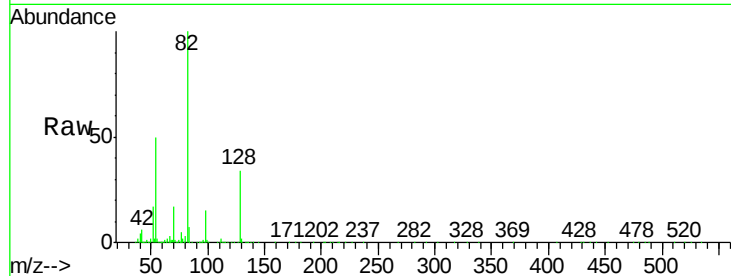




#23
Nitrobenzene-d5
Concen: 89.81 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022589.D
Acq: 26 Jun 2016 00:46

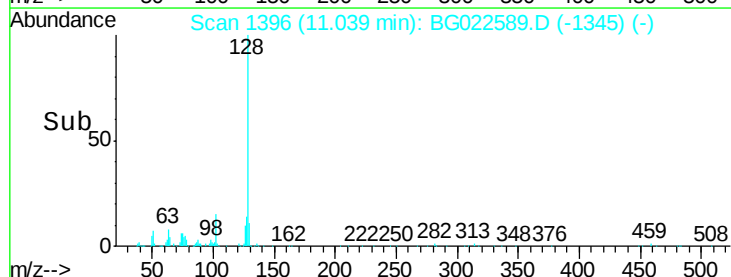
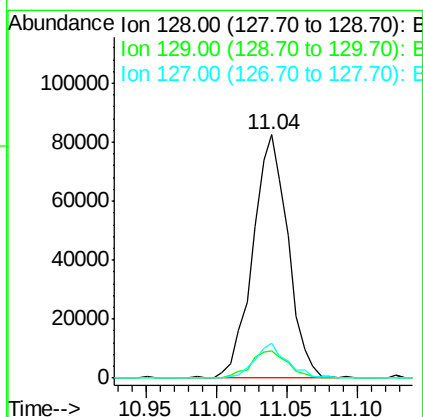
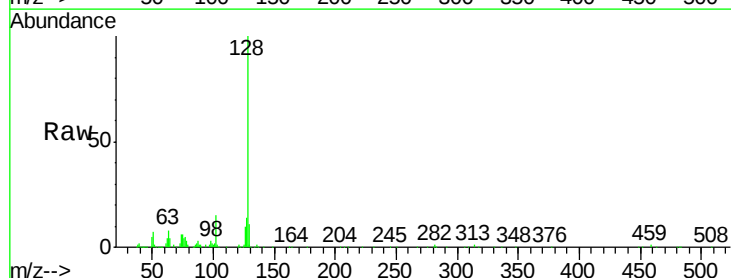
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2A

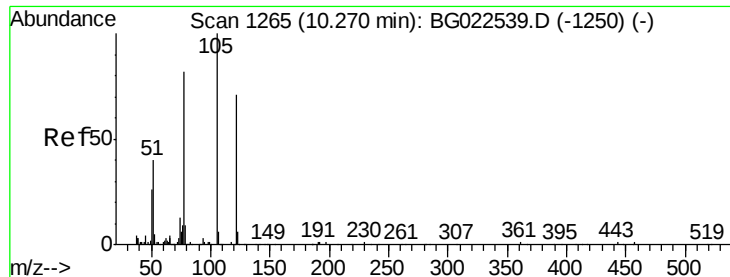
Tgt Ion: 82 Resp: 1287098
Ion Ratio Lower Upper
82 100
128 34.4 24.4 36.6
54 49.6 41.4 62.0



#31
Naphthalene
Concen: 4.73 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022589.D
Acq: 26 Jun 2016 00:46

Tgt Ion: 128 Resp: 144207
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.3 11.3 16.9





#32

Benzoic acid

Concen: 5.14 ng

RT: 10.23 min Scan# 1258

Delta R.T. 0.03 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2A

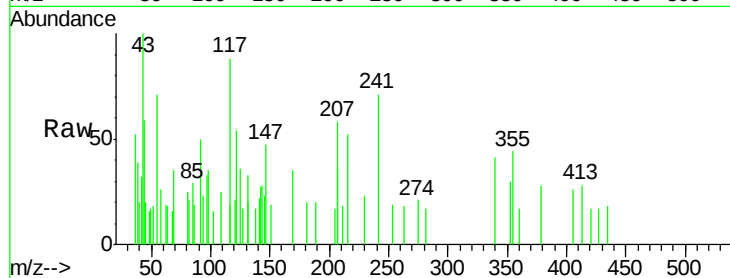
Tgt Ion:122 Resp: 180

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

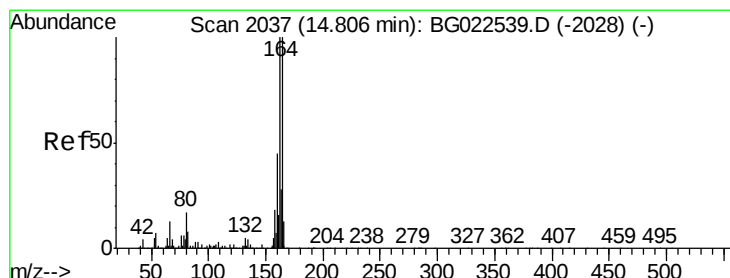
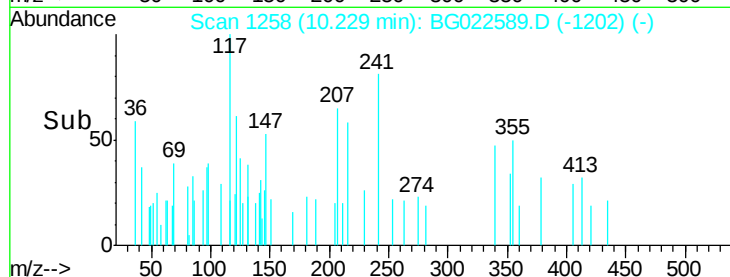
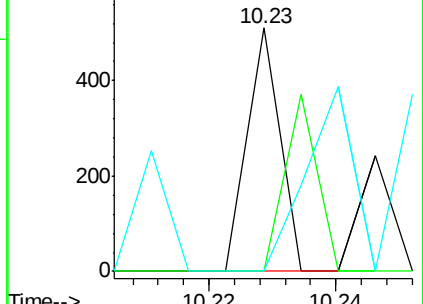
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

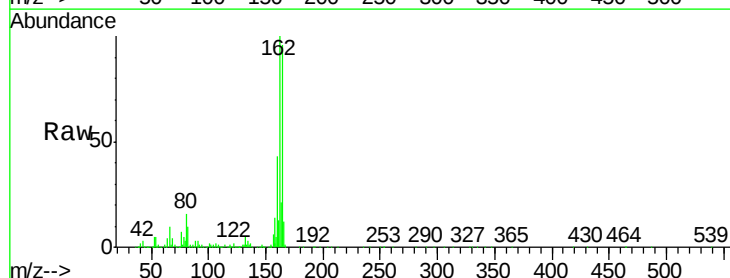
Tgt Ion:164 Resp: 427673

Ion Ratio Lower Upper

164 100

162 103.9 87.7 131.5

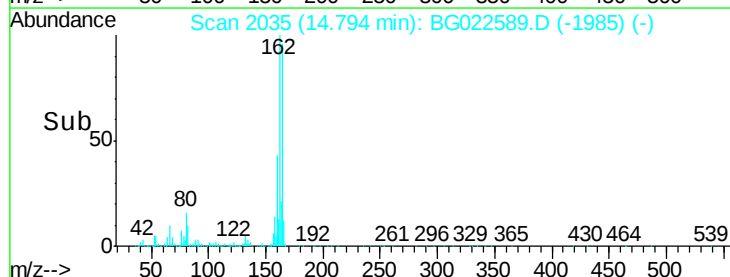
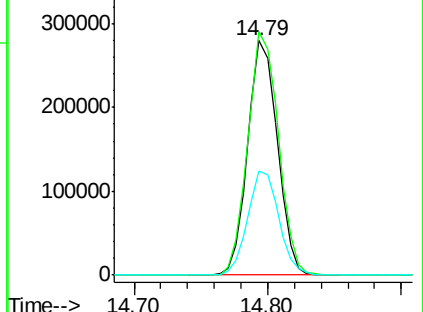
160 44.6 37.2 55.8

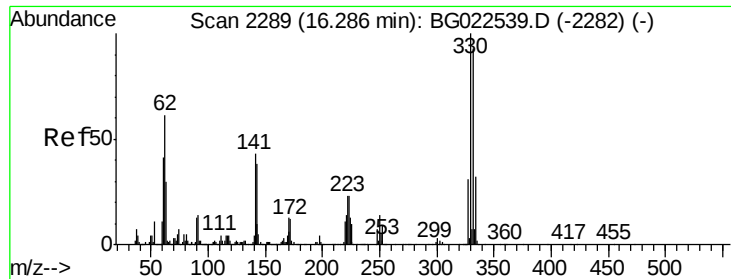


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

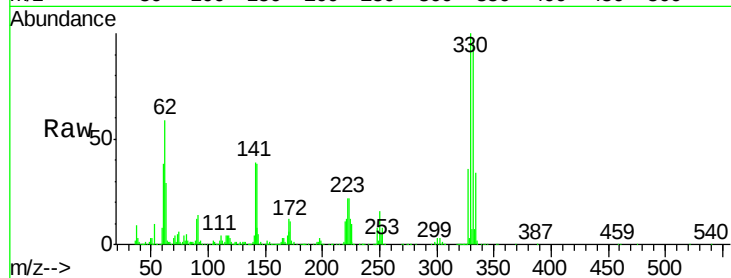




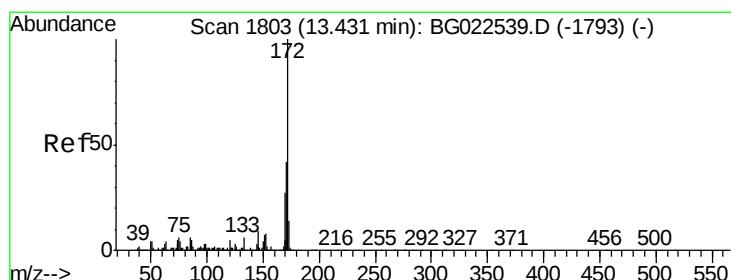
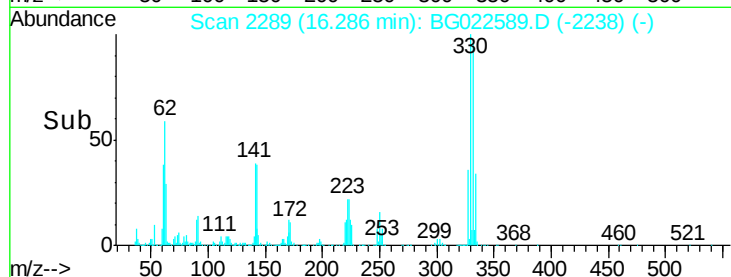
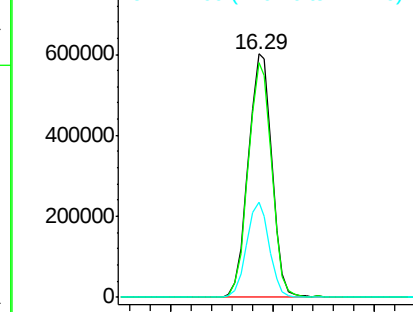
#41
 2,4,6-Tribromophenol
 Concen: 143.87 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022589.D
 Acq: 26 Jun 2016 00:46

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2A

Tgt Ion:330 Resp: 967767
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 37.5 31.7 47.5

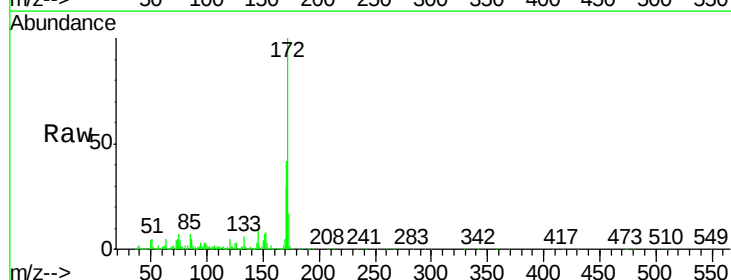


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

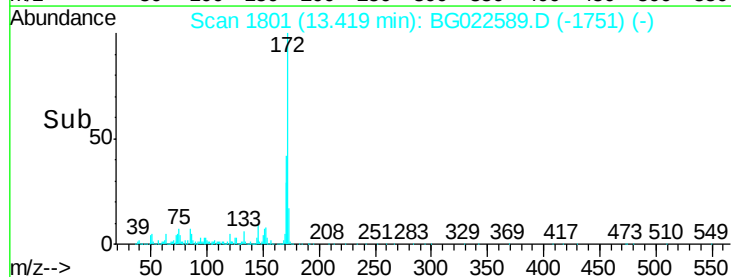
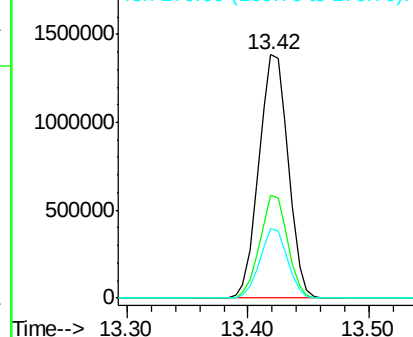


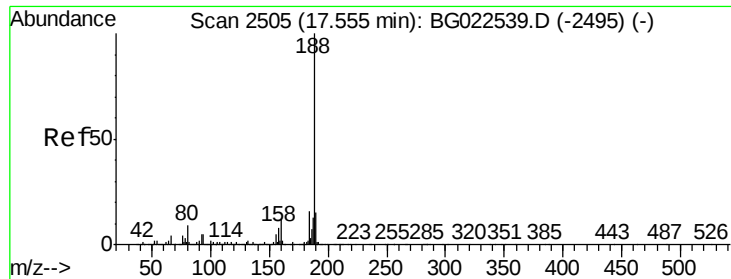
#44
 2-Fluorobiphenyl
 Concen: 86.43 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022589.D
 Acq: 26 Jun 2016 00:46

Tgt Ion:172 Resp: 2330682
 Ion Ratio Lower Upper
 172 100
 171 42.3 31.6 47.4
 170 28.8 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

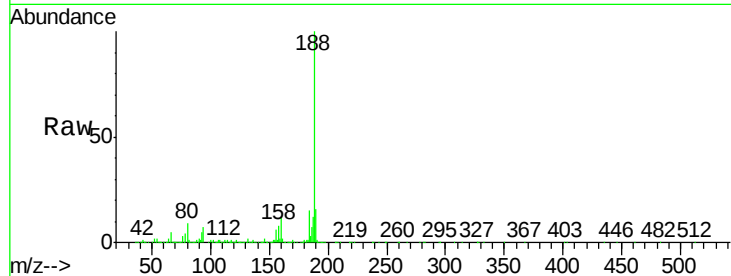




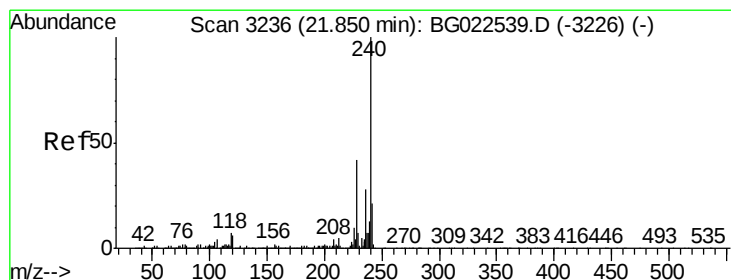
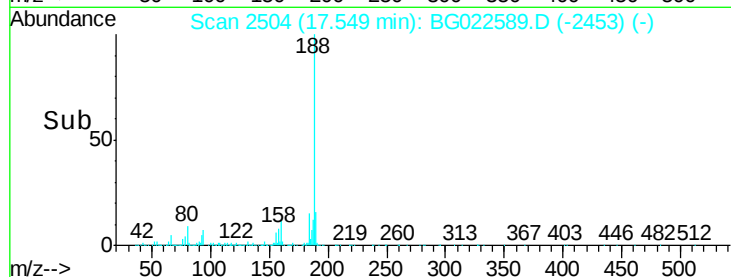
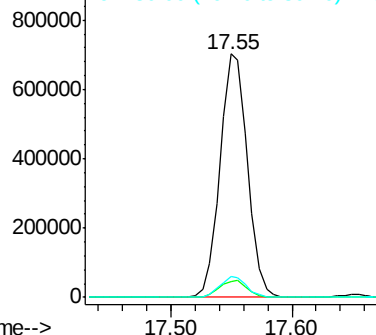
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022589.D
Acq: 26 Jun 2016 00:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2A

Tgt Ion:188 Resp: 1108254
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.6 7.2 10.8

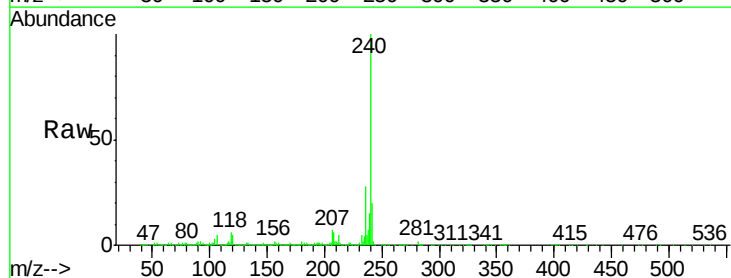


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

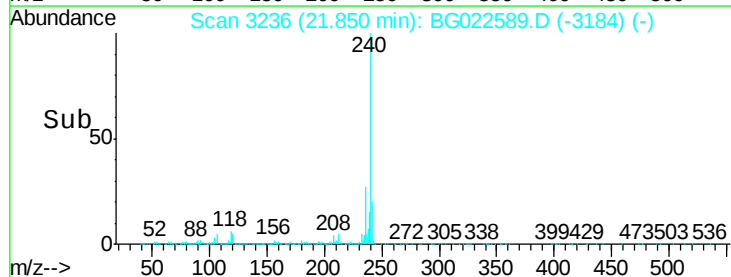
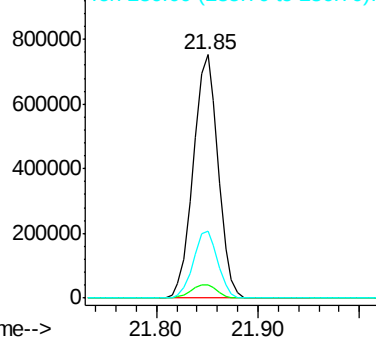


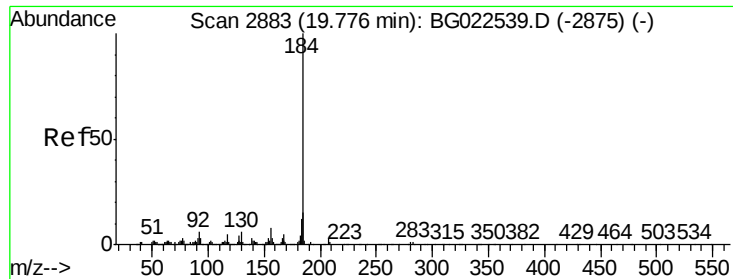
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022589.D
Acq: 26 Jun 2016 00:46

Tgt Ion:240 Resp: 1278194
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 27.5 21.1 31.7



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: 3.85 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2A

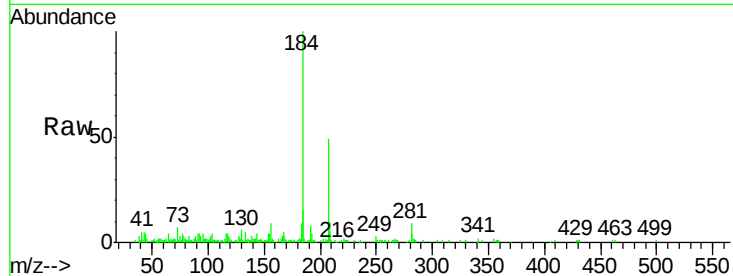
Tgt Ion:184 Resp: 52417

Ion Ratio Lower Upper

184 100

185 16.3 12.6 19.0

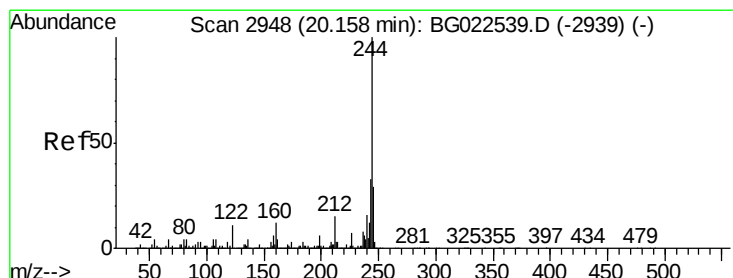
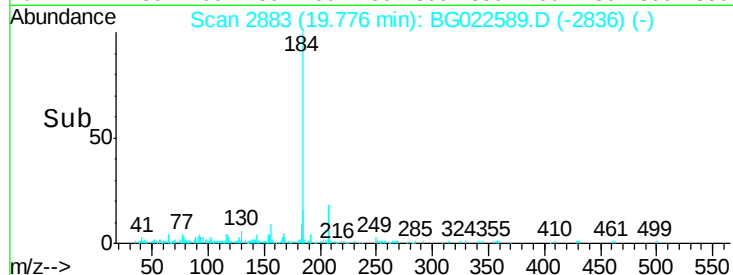
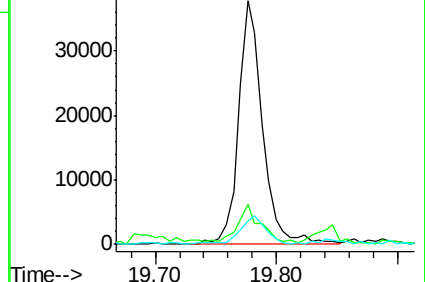
183 9.5 10.7 16.1#



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: 71.04 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022589.D

Acq: 26 Jun 2016 00:46

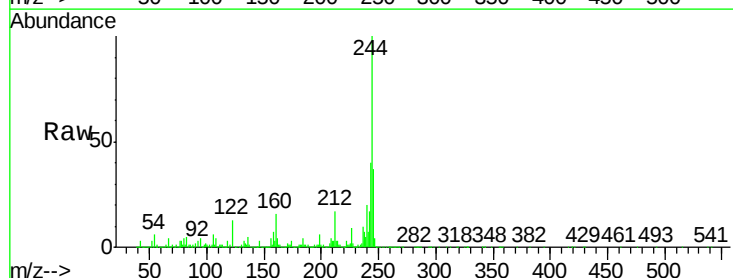
Tgt Ion:244 Resp: 3427200

Ion Ratio Lower Upper

244 100

212 17.5 10.8 16.2#

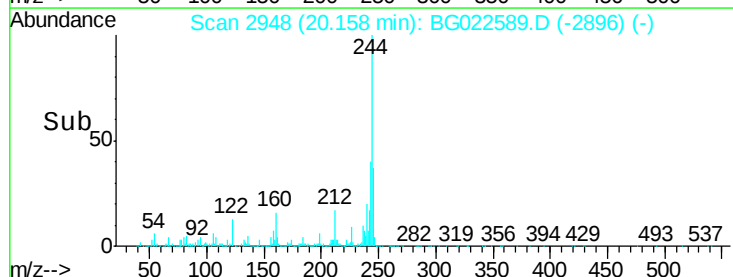
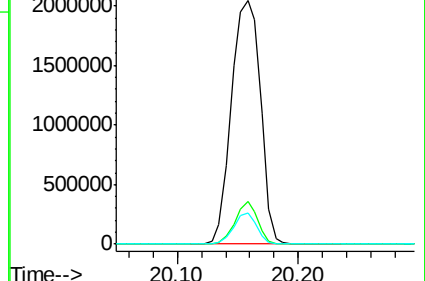
122 12.6 8.0 12.0#

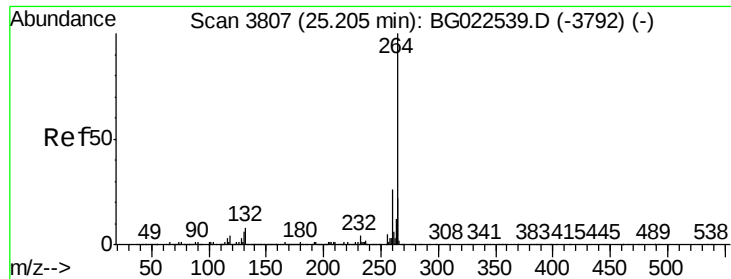


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022589.D
Acq: 26 Jun 2016 00:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2A

Tgt Ion: 264 Resp: 1278219

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	20.8	18.9	28.3

