

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022592.D
 Acq On : 26 Jun 2016 2:46
 Operator : UM/SJ
 Sample : H3701-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2B

Quant Time: Jun 26 06:50:29 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

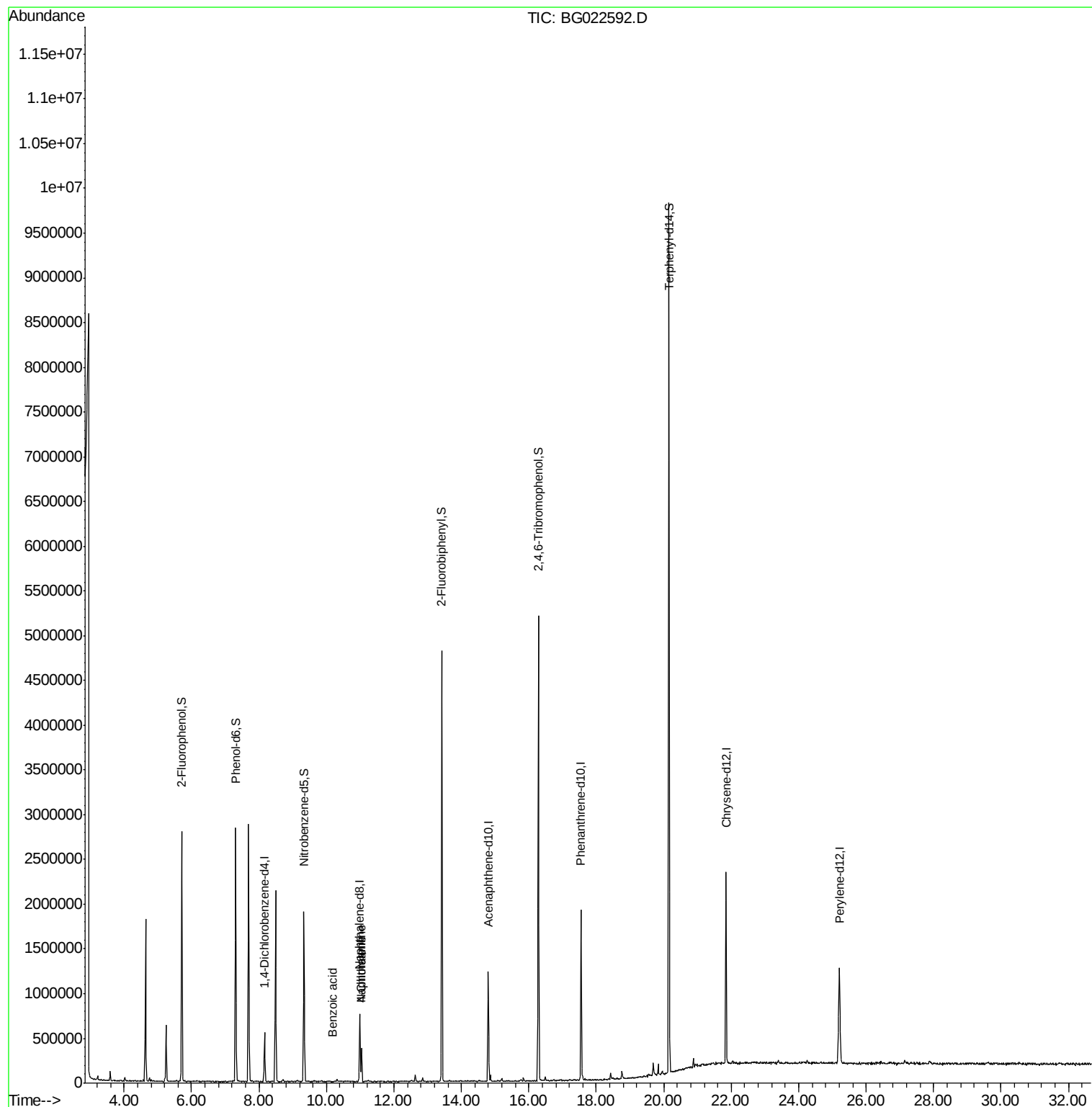
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	144148	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	600128	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	430858	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1160677	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1304184	20.00	ng	0.00
86) Perylene-d12	25.21	264	1232356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1109891	123.50	ng	0.00
7) Phenol-d6	7.31	99	1536868	121.32	ng	0.00
23) Nitrobenzene-d5	9.34	82	1241698	87.57	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	958108	141.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2229634	82.07	ng	0.00
78) Terphenyl-d14	20.15	244	3393739	68.94	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	287191	9.52	ng	98
32) Benzoic acid	10.19	122	81	5.12	ng	# 34
33) 4-Chloroaniline	11.03	127	38761	2.98	ng	# 32

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022592.D

Acq: 26 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

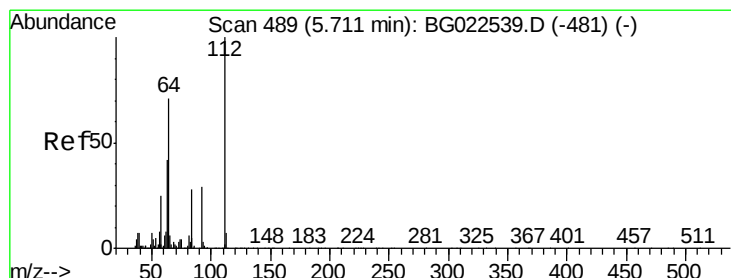
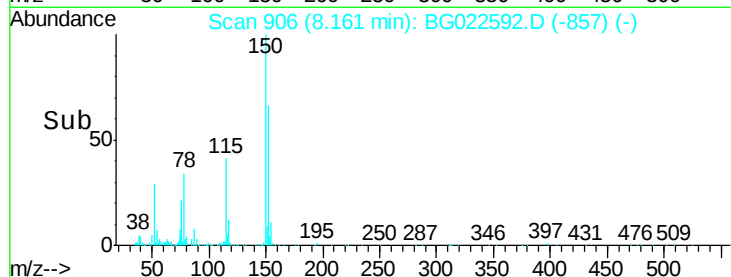
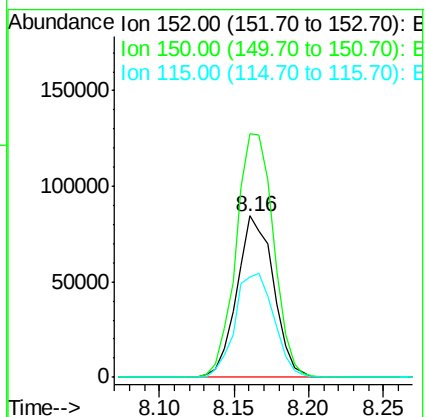
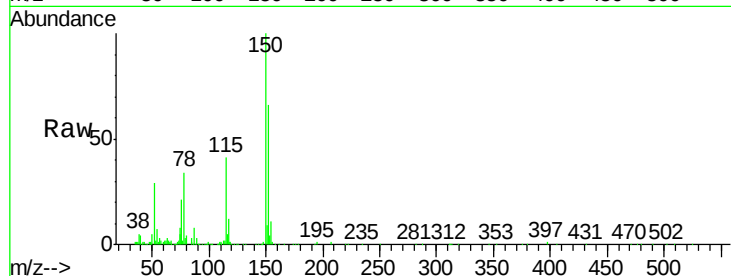
Tgt Ion:152 Resp: 144148

Ion Ratio Lower Upper

152 100

150 151.0 144.7 217.1

115 62.4 64.0 96.0#



#5

2-Fluorophenol

Concen: 123.50 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022592.D

Acq: 26 Jun 2016 2:46

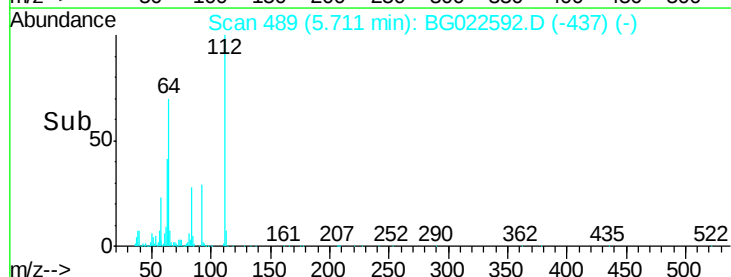
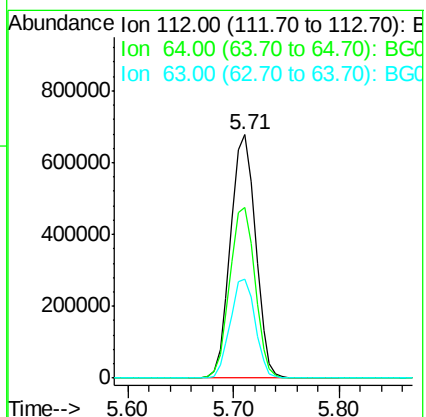
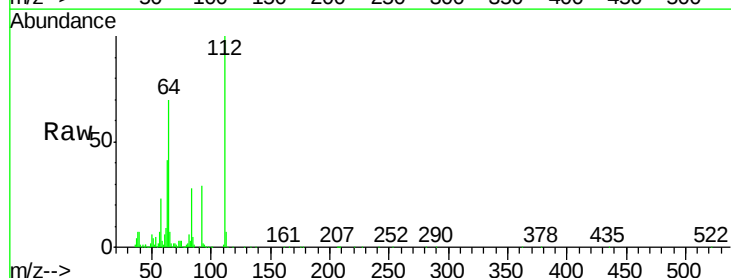
Tgt Ion:112 Resp: 1109891

Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

63 40.5 37.8 56.8





#7

Phenol-d6

Concen: 121.32 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022592.D

Acq: 26 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

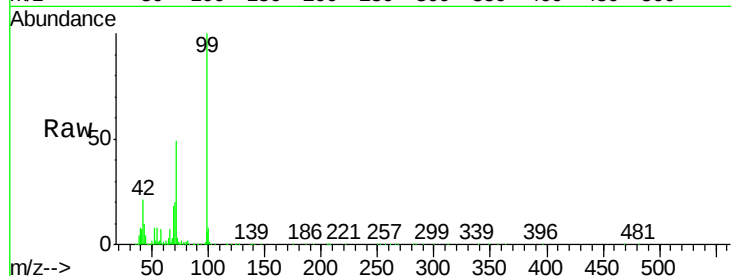
Tgt Ion: 99 Resp: 1536868

Ion Ratio Lower Upper

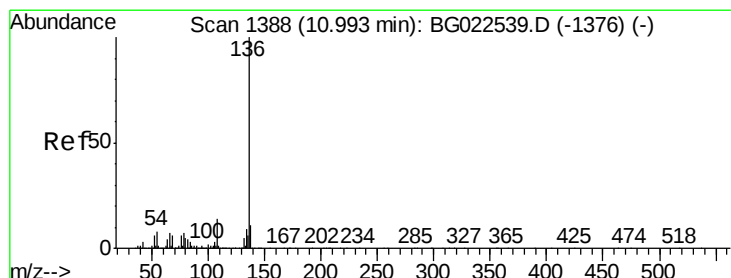
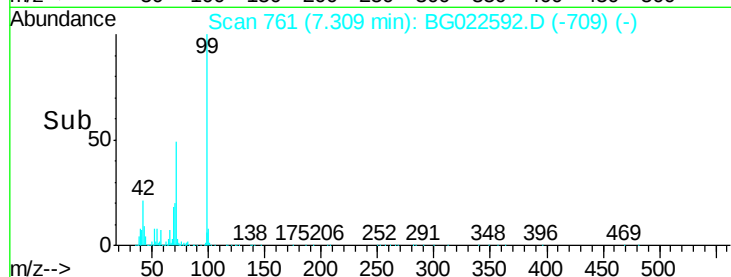
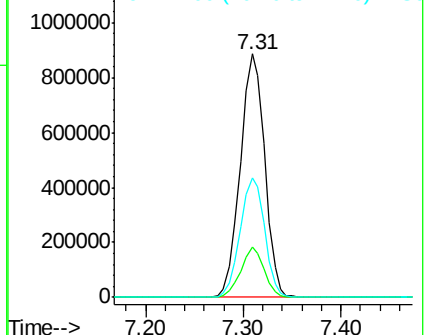
99 100

42 20.7 17.8 26.6

71 49.3 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: BG022592.D

Acq: 26 Jun 2016 2:46

Tgt Ion: 136 Resp: 600128

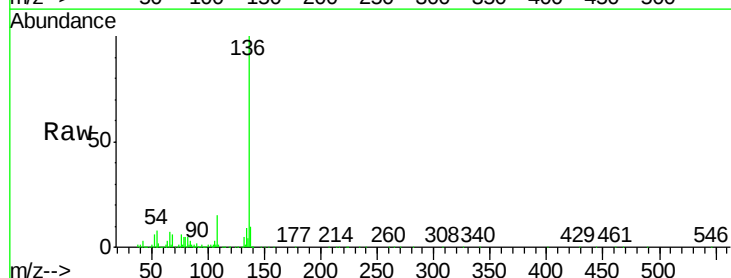
Ion Ratio Lower Upper

136 100

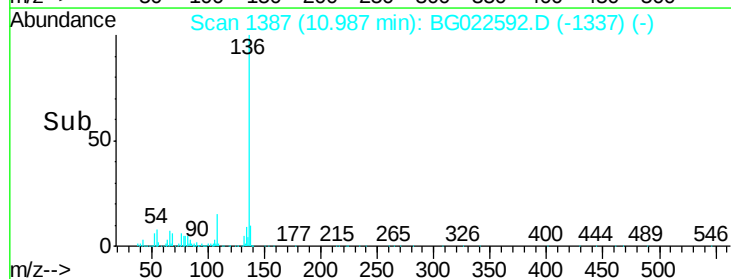
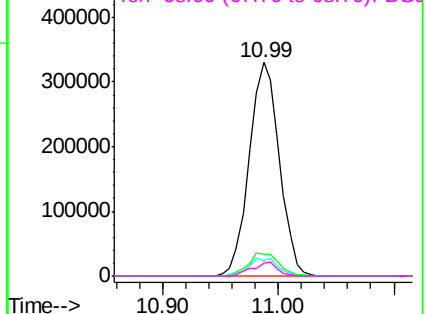
137 10.5 9.6 14.4

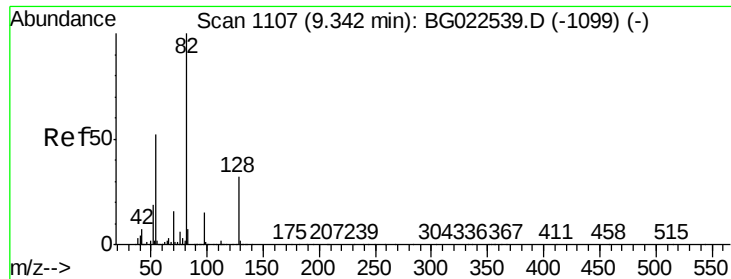
54 7.5 7.3 10.9

68 5.8 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

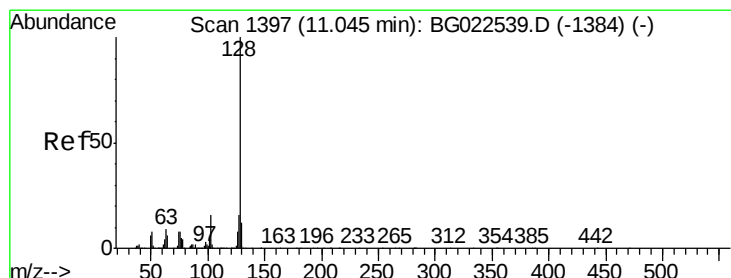
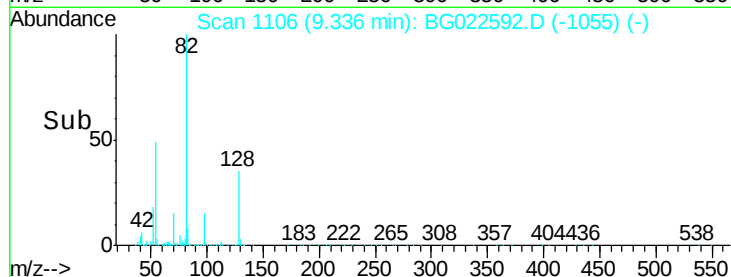
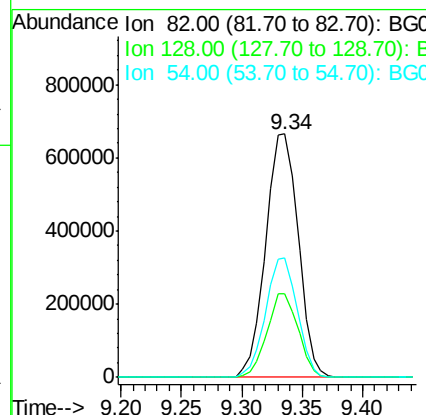
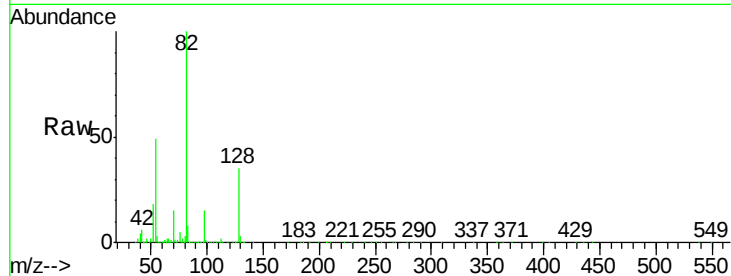




#23
Nitrobenzene-d5
Concen: 87.57 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

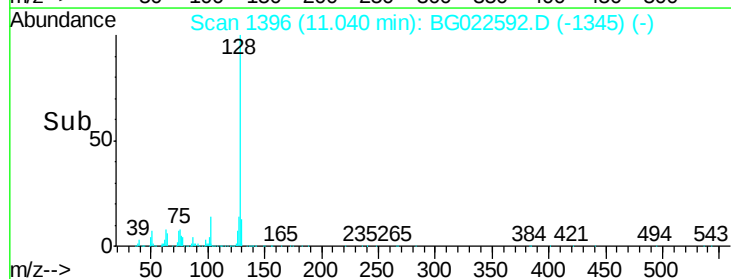
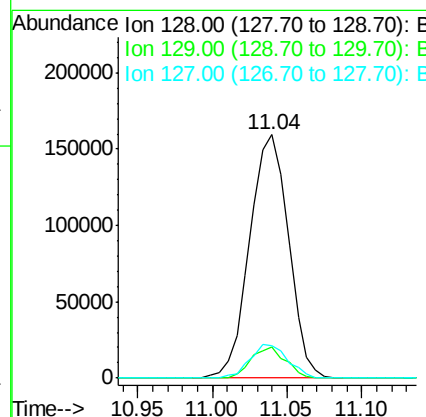
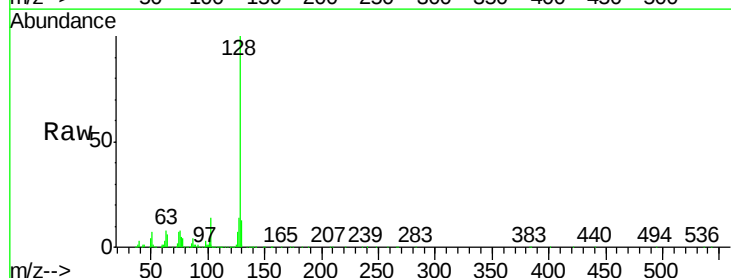
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

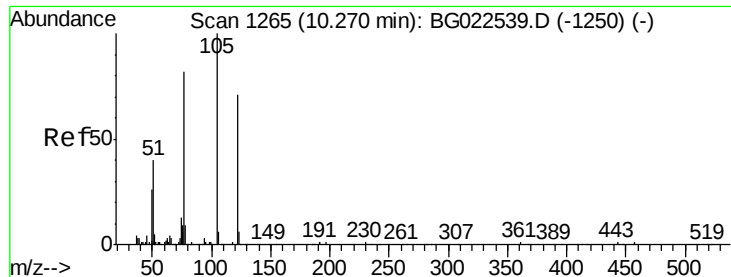
Tgt Ion: 82 Resp: 1241698
Ion Ratio Lower Upper
82 100
128 34.6 24.4 36.6
54 49.1 41.4 62.0



#31
Naphthalene
Concen: 9.52 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion: 128 Resp: 287191
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 13.5 11.3 16.9

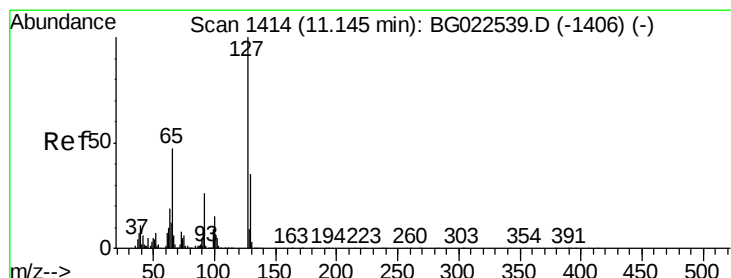
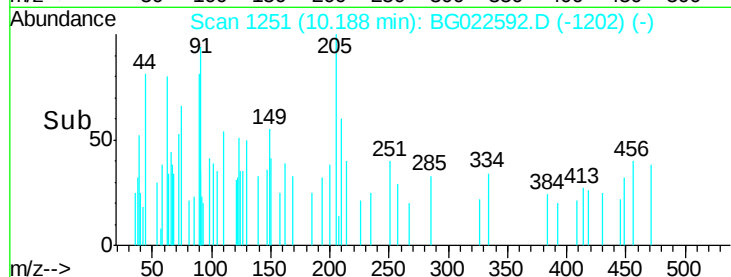
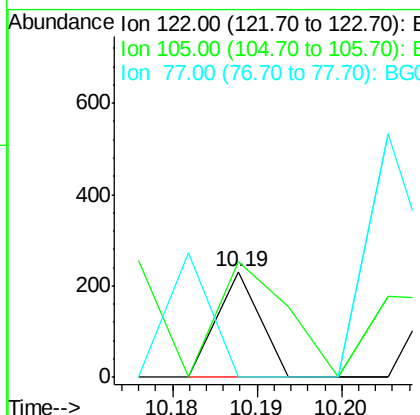
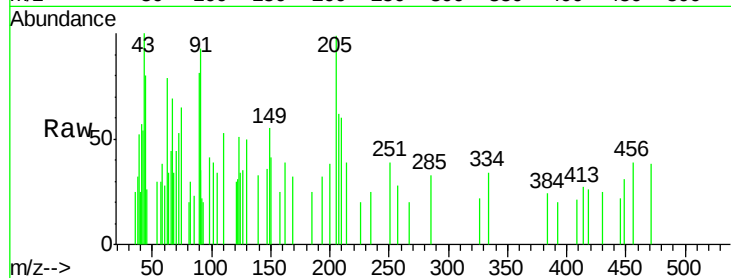




#32
Benzoic acid
Concen: 5.12 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

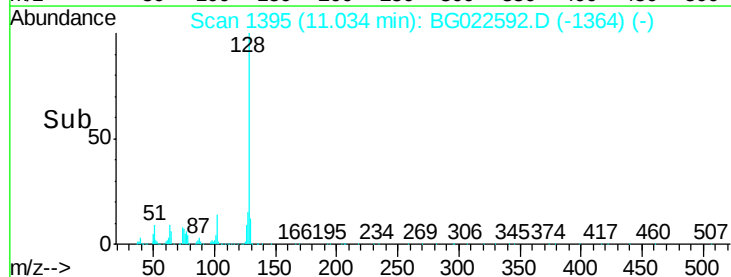
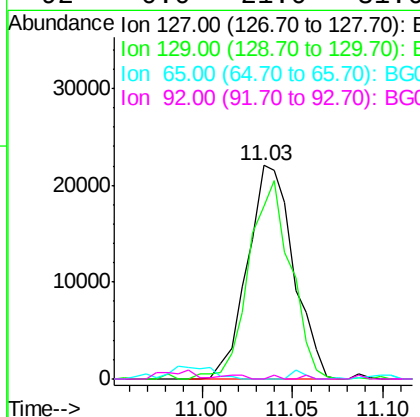
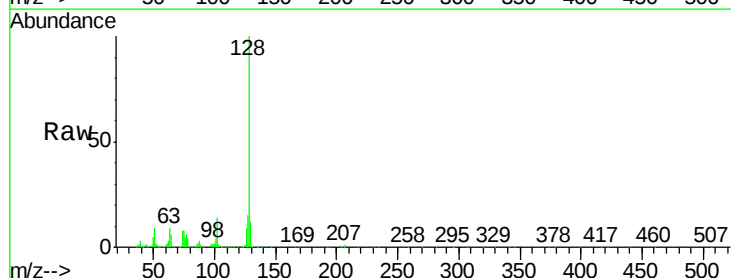
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

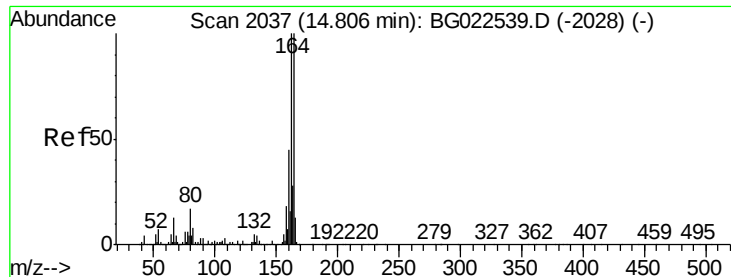
Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 110.0 117.2 157.2#
77 0.0 109.2 149.2#



#33
4-Chloroaniline
Concen: 2.98 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.12 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:127 Resp: 38761
Ion Ratio Lower Upper
127 100
129 81.0 27.9 41.9#
65 0.0 36.8 55.2#
92 0.0 21.0 31.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022592.D

Acq: 26 Jun 2016 2:46

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

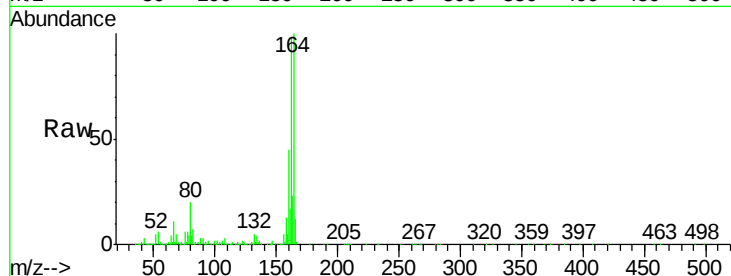
Tgt Ion:164 Resp: 430858

Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

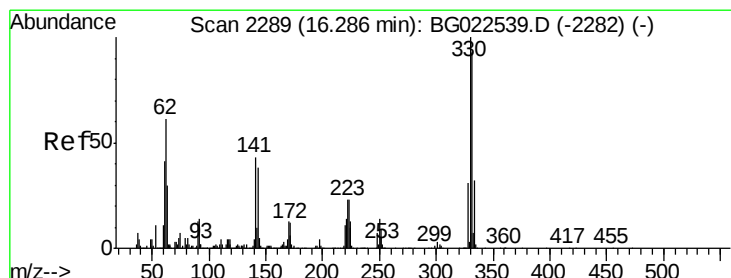
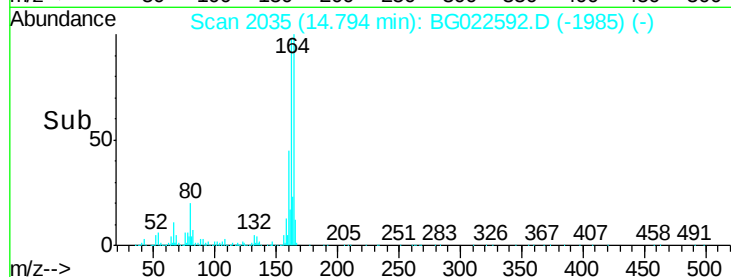
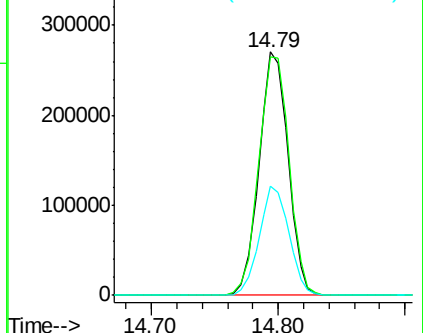
160 45.1 37.2 55.8



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: 141.38 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022592.D

Acq: 26 Jun 2016 2:46

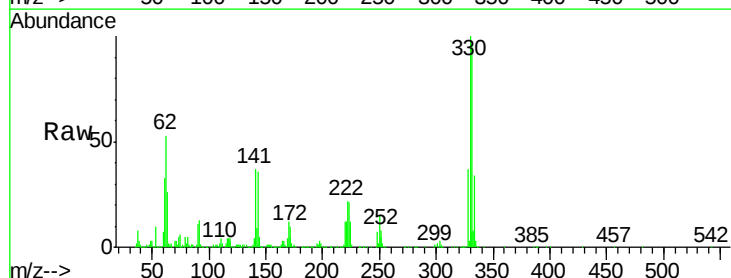
Tgt Ion:330 Resp: 958108

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

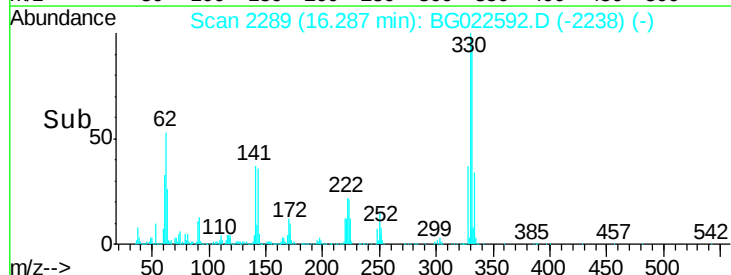
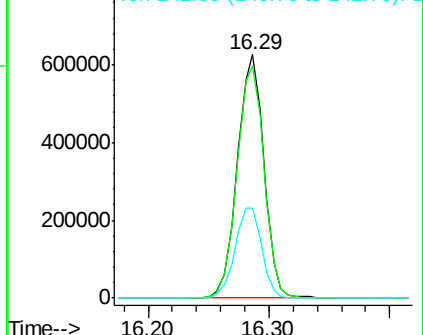
141 37.7 31.7 47.5

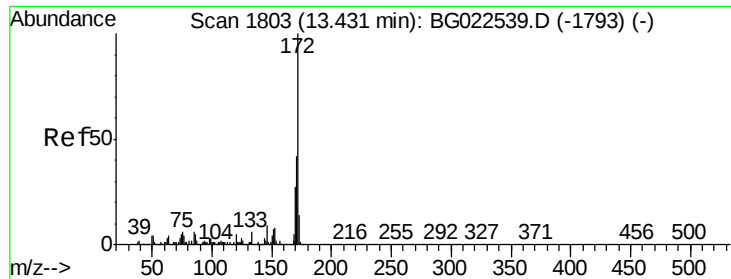


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

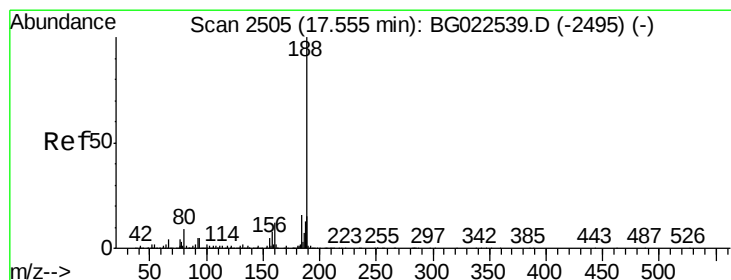
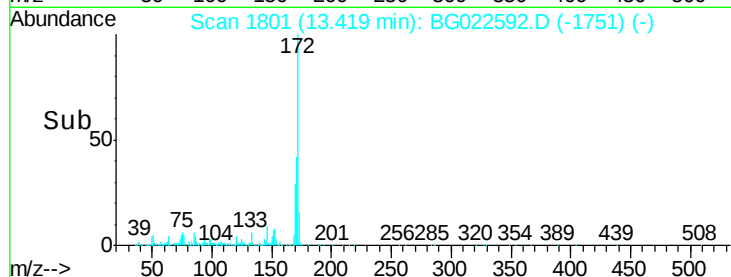
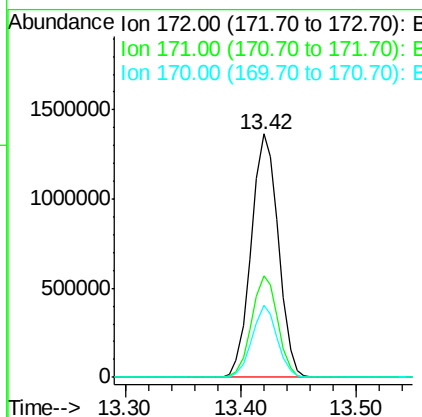
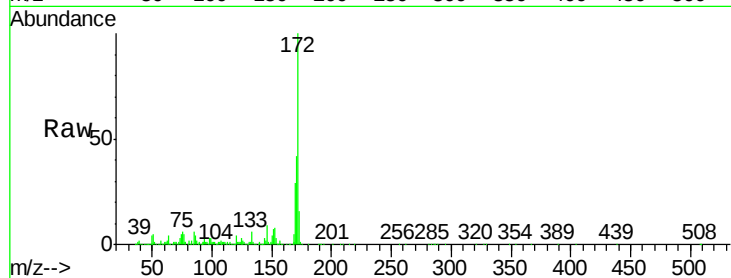




#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

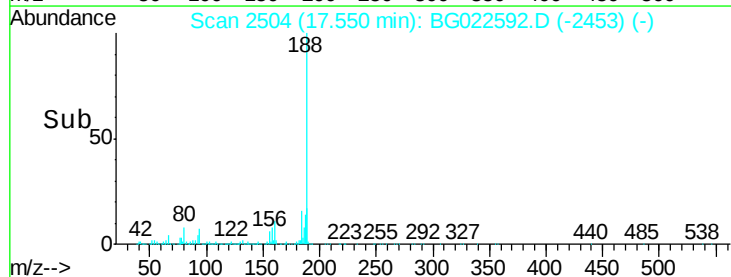
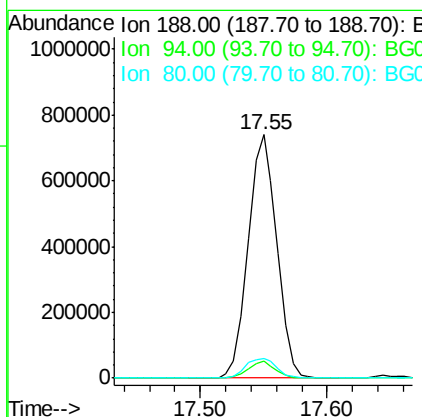
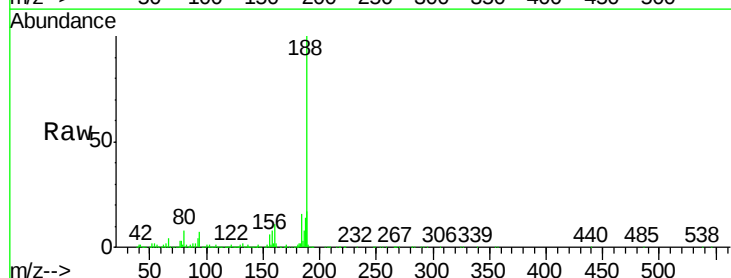
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TEC-COMP-B2B

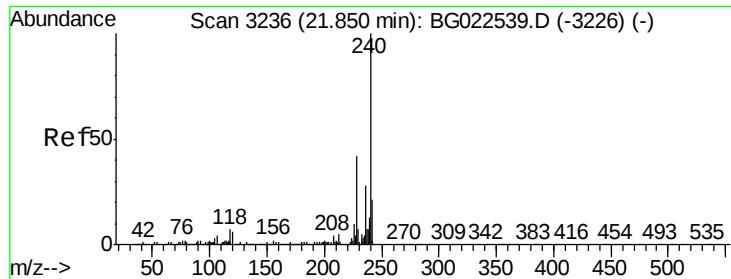
Tgt Ion:172 Resp: 2229634
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 29.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:188 Resp: 1160677
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.0 7.2 10.8

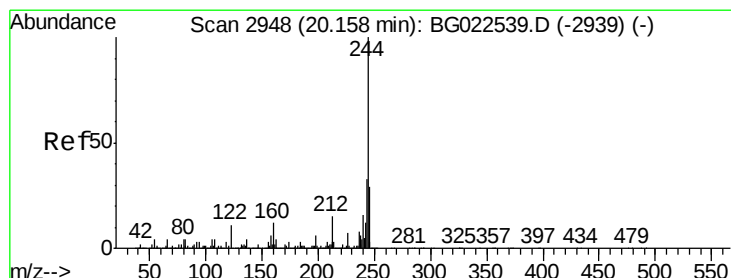
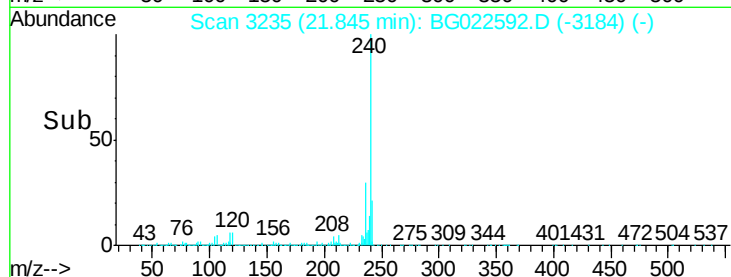
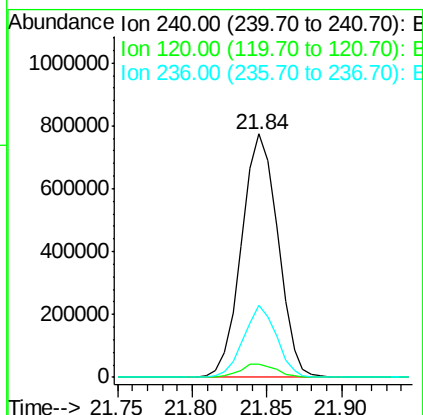
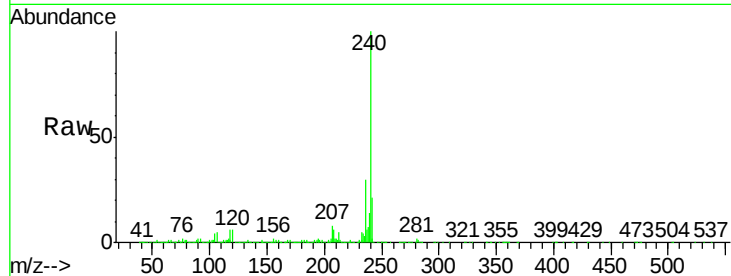




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

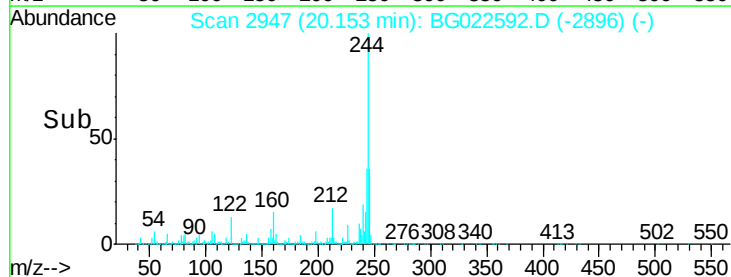
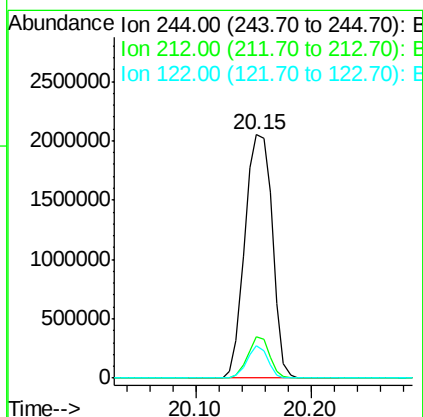
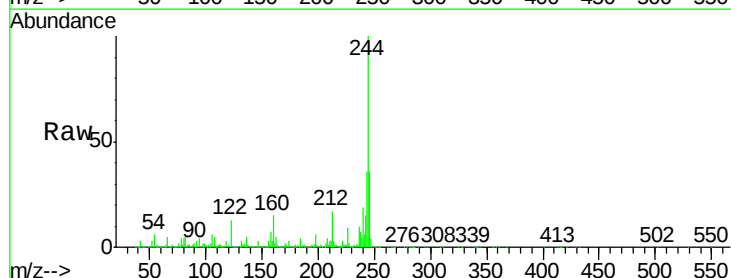
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

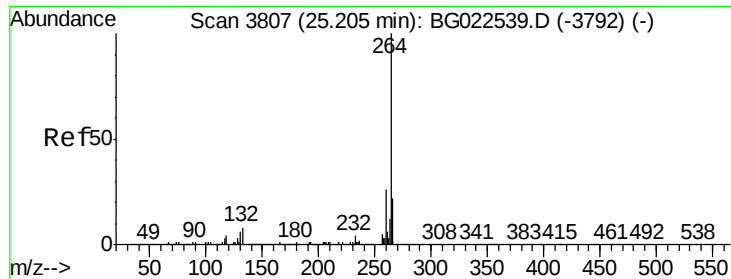
Tgt Ion:240 Resp: 1304184
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 29.5 21.1 31.7



#78
Terphenyl-d14
Concen: 68.94 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:244 Resp: 3393739
Ion Ratio Lower Upper
244 100
212 16.8 10.8 16.2#
122 13.4 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion: 264 Resp: 1232356

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.3	18.9	28.3

