

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022640.D
 Acq On : 27 Jun 2016 13:02
 Operator : UM/SJ
 Sample : H3701-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2B

Quant Time: Jun 27 14:39:17 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

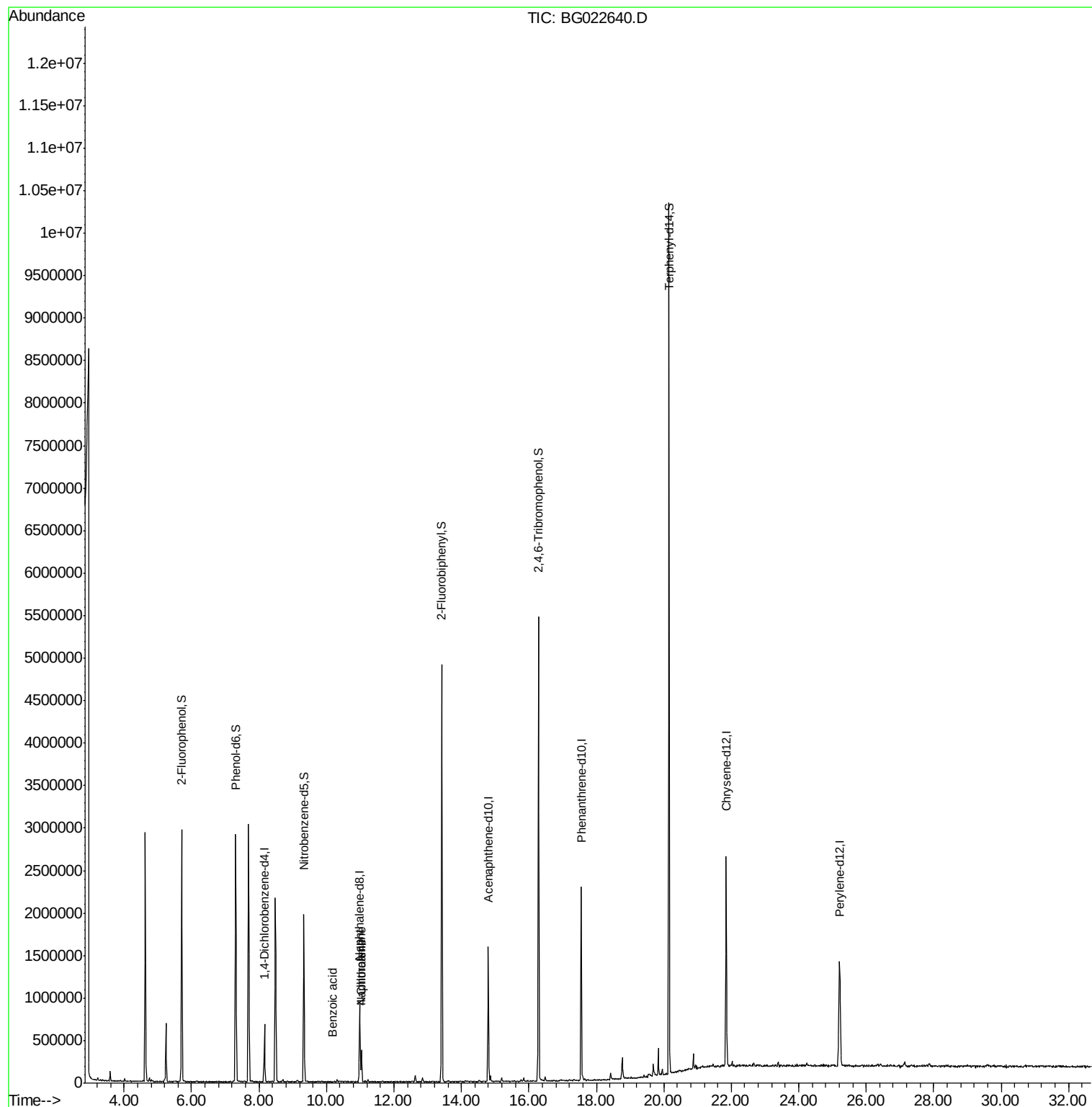
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	177132	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	734885	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	525946	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1383882	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1543920	20.00	ng	0.00
86) Perylene-d12	25.21	264	1487692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1146216	103.79	ng	0.00
7) Phenol-d6	7.31	99	1595481	102.50	ng	0.00
23) Nitrobenzene-d5	9.33	82	1279980	73.72	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	1023281	123.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2365344	71.32	ng	0.00
78) Terphenyl-d14	20.15	244	3496772	60.01	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	299464	8.11	ng	98
32) Benzoic acid	10.18	122	170	5.13	ng	# 1
33) 4-Chloroaniline	11.04	127	41073	2.58	ng	# 36

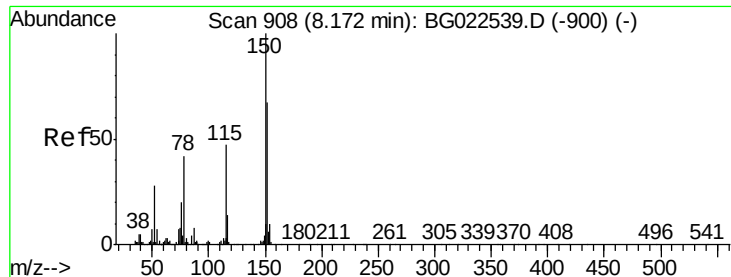
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

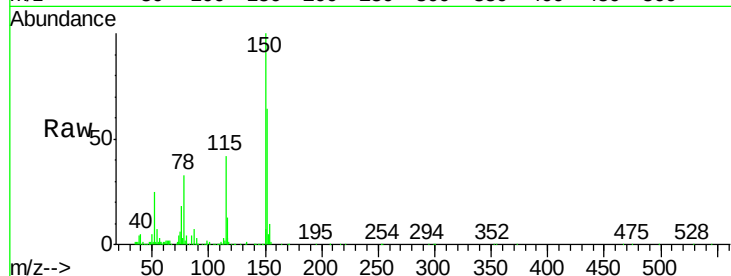
Tgt Ion:152 Resp: 177132

Ion Ratio Lower Upper

152 100

150 155.6 144.7 217.1

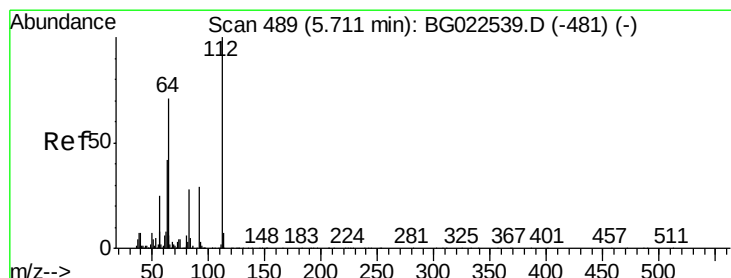
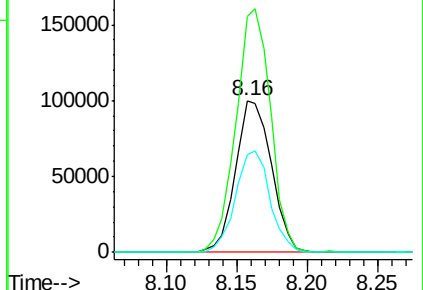
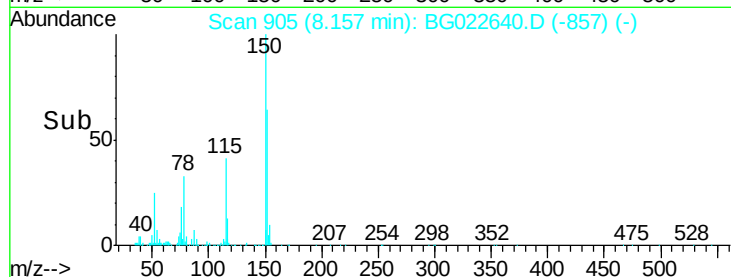
115 64.8 64.0 96.0



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: 103.79 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

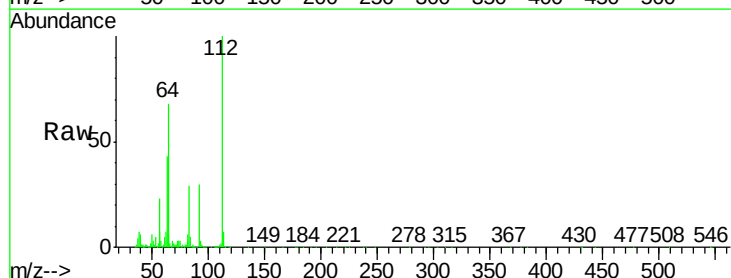
Tgt Ion:112 Resp: 1146216

Ion Ratio Lower Upper

112 100

64 68.4 59.0 88.4

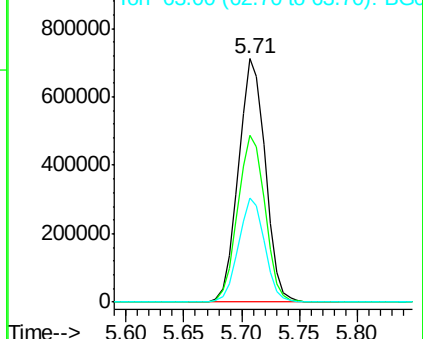
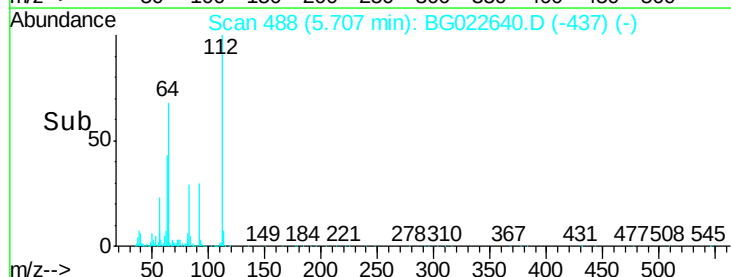
63 42.9 37.8 56.8

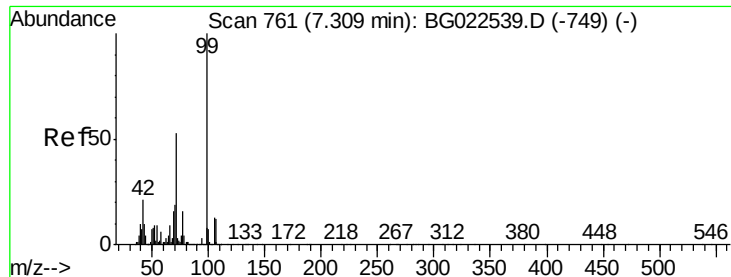


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.50 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

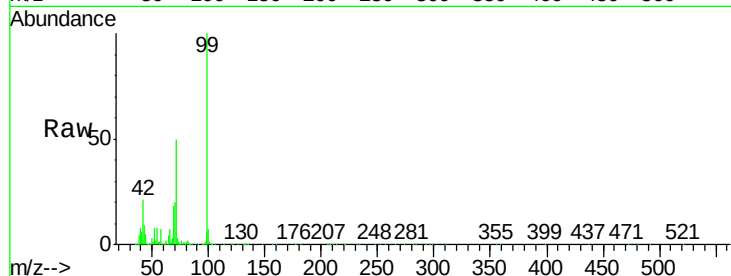
Tgt Ion: 99 Resp: 1595481

Ion Ratio Lower Upper

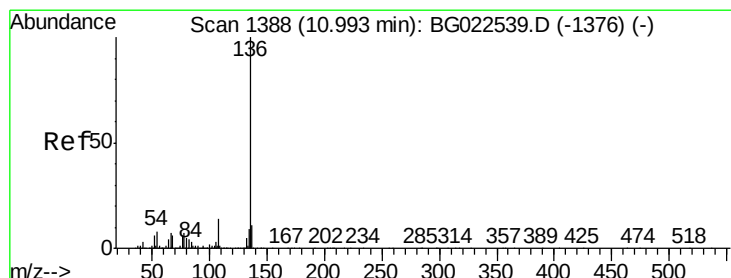
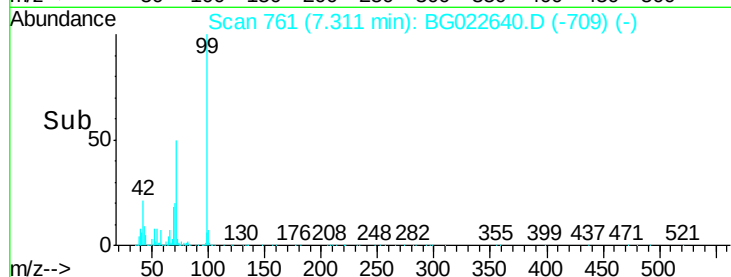
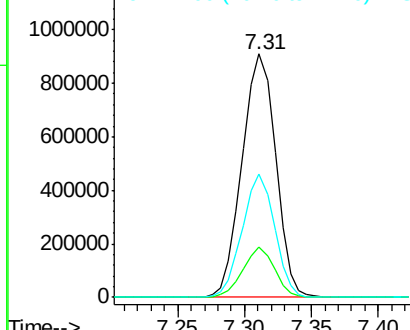
99 100

42 20.6 17.8 26.6

71 50.4 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. -0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Tgt Ion: 136 Resp: 734885

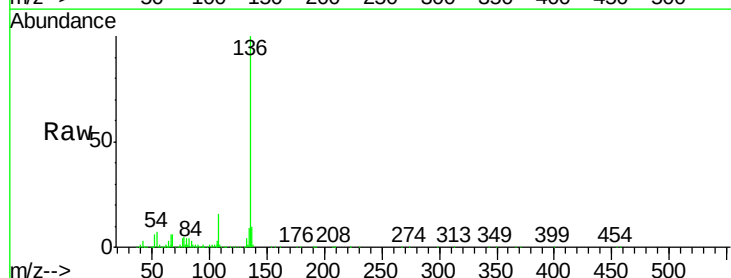
Ion Ratio Lower Upper

136 100

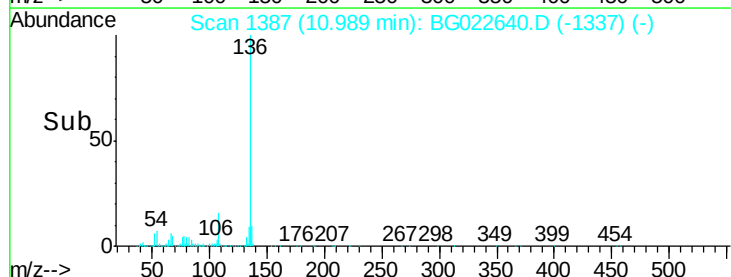
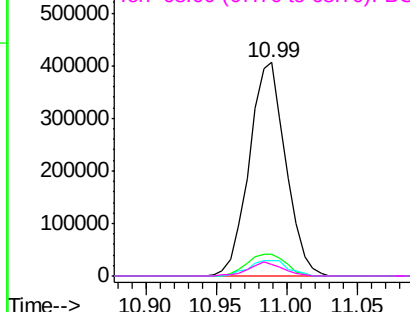
137 10.0 9.6 14.4

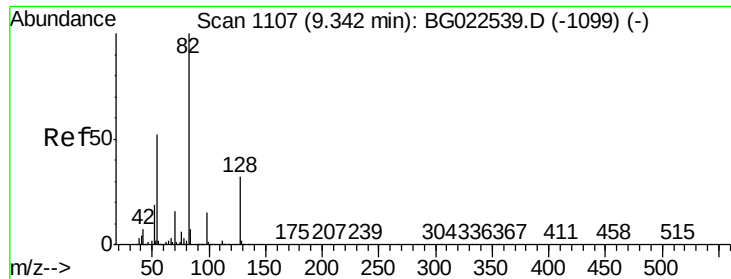
54 7.5 7.3 10.9

68 5.5 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

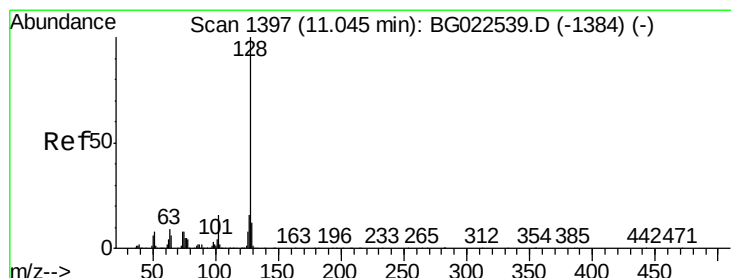
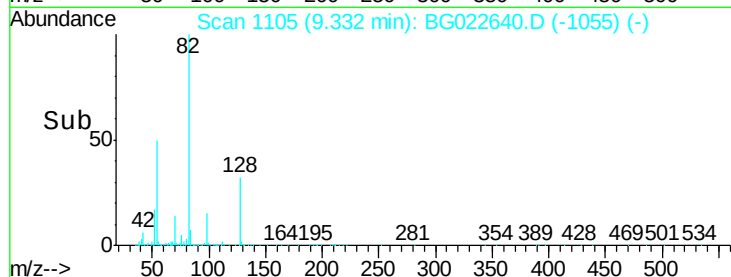
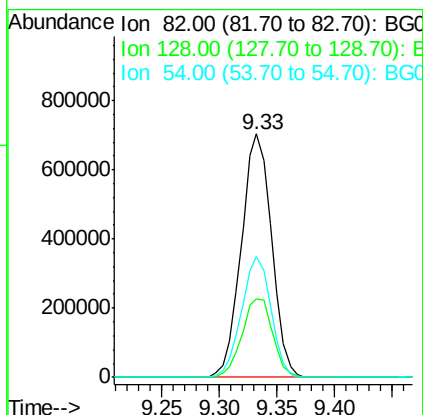
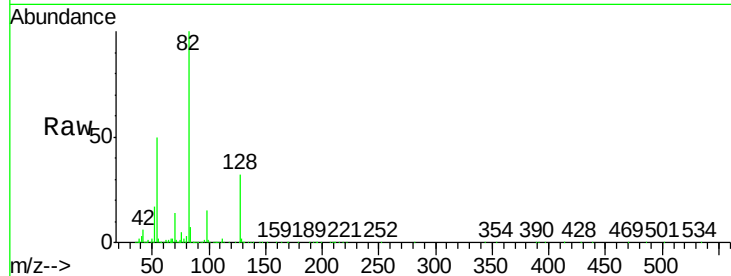




#23
 Nitrobenzene-d5
 Concen: 73.72 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022640.D
 Acq: 27 Jun 2016 13:02

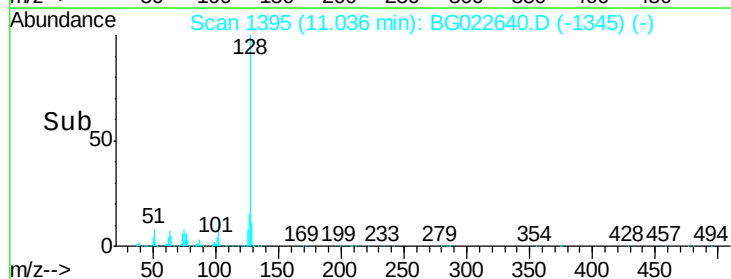
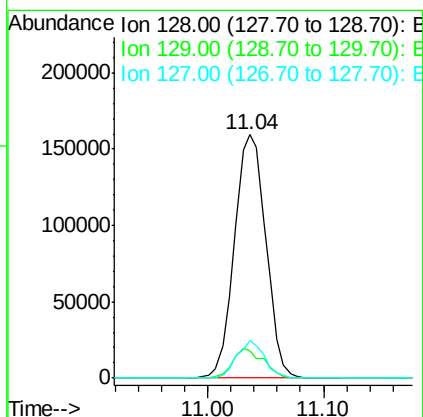
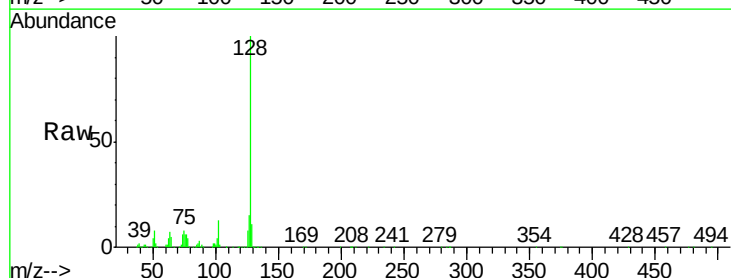
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2B

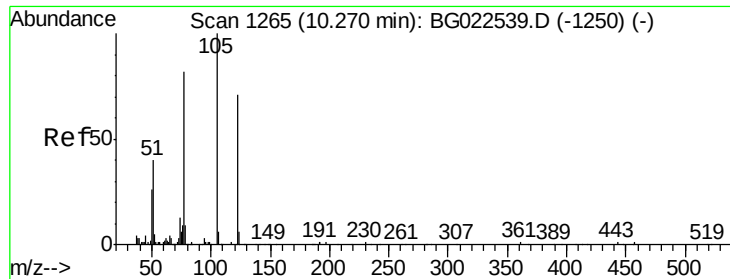
Tgt Ion: 82 Resp: 1279980
 Ion Ratio Lower Upper
 82 100
 128 32.5 24.4 36.6
 54 49.7 41.4 62.0



#31
 Naphthalene
 Concen: 8.11 ng
 RT: 11.04 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BG022640.D
 Acq: 27 Jun 2016 13:02

Tgt Ion: 128 Resp: 299464
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 15.4 11.3 16.9





#32

Benzoic acid

Concen: 5.13 ng

RT: 10.18 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

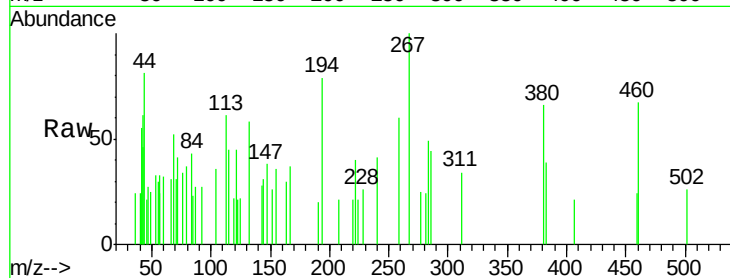
Tgt Ion:122 Resp: 170

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

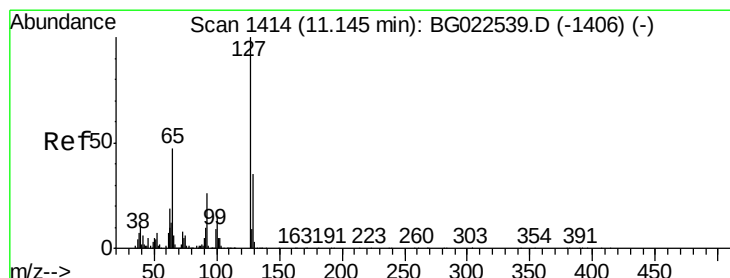
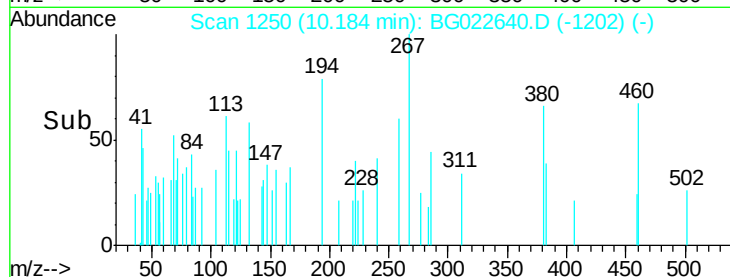
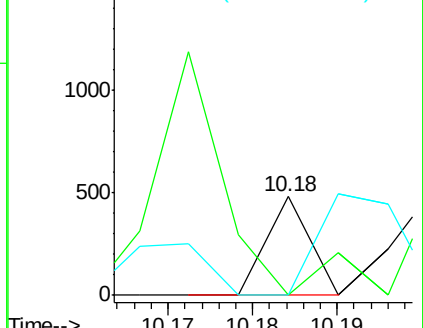
77 0.0 109.2 149.2#



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



#33

4-Chloroaniline

Concen: 2.58 ng

RT: 11.04 min Scan# 1395

Delta R.T. -0.12 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Tgt Ion:127 Resp: 41073

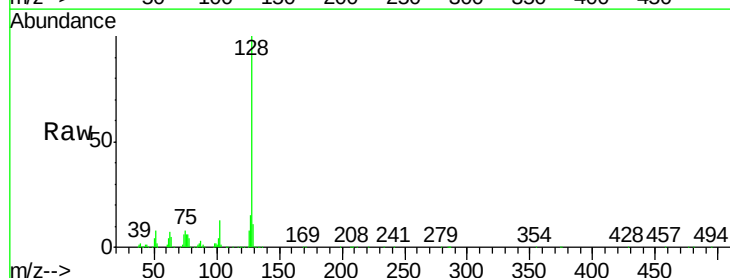
Ion Ratio Lower Upper

127 100

129 72.9 27.9 41.9#

65 0.0 36.8 55.2#

92 0.0 21.0 31.6#

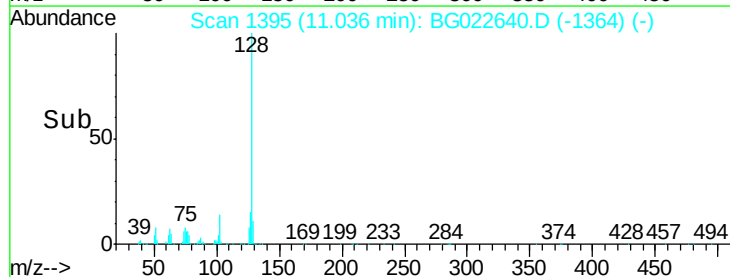
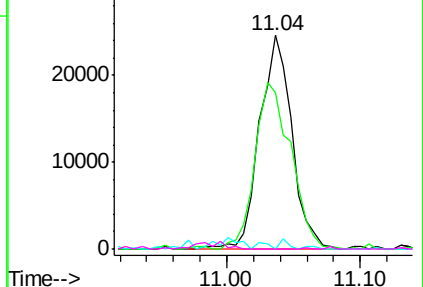


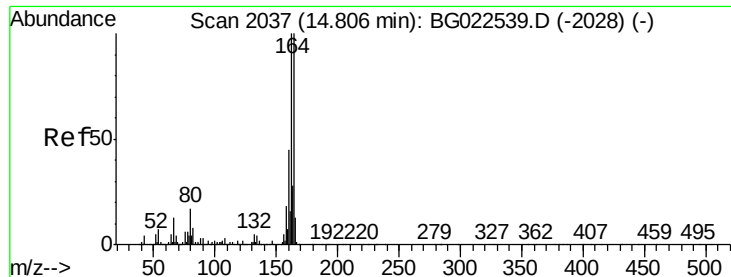
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

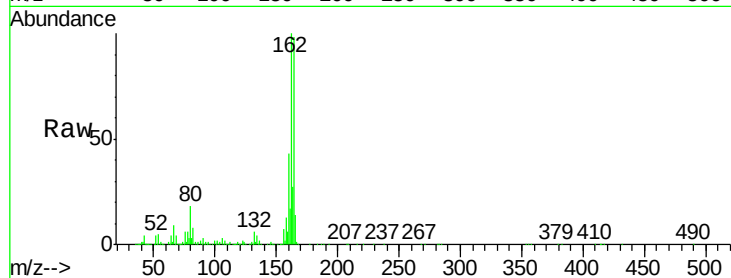
Tgt Ion:164 Resp: 525946

Ion Ratio Lower Upper

164 100

162 102.0 87.7 131.5

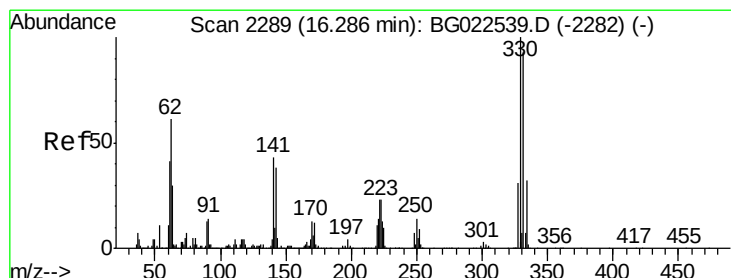
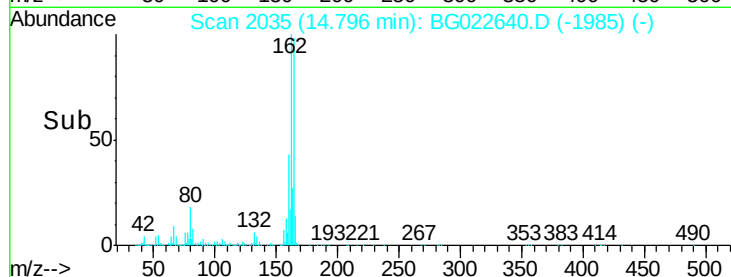
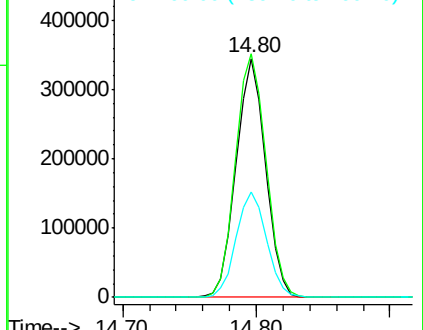
160 44.2 37.2 55.8



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: 123.70 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

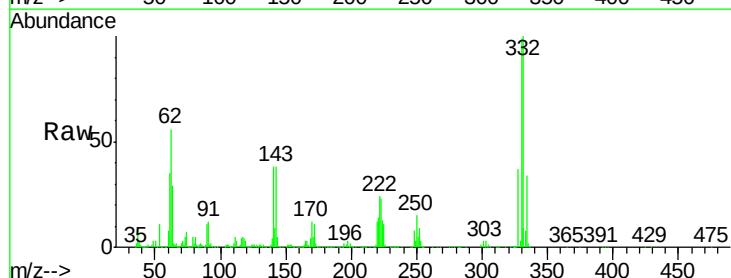
Tgt Ion:330 Resp: 1023281

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

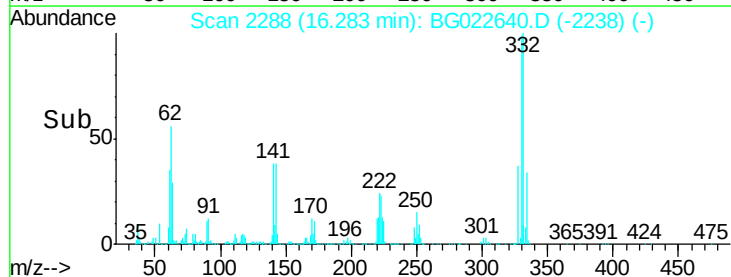
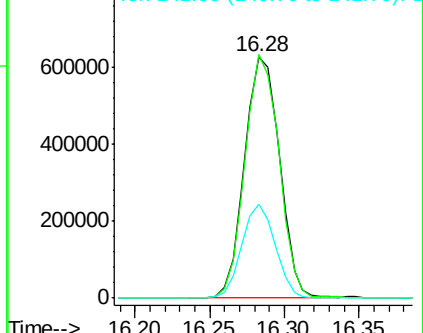
141 37.1 31.7 47.5

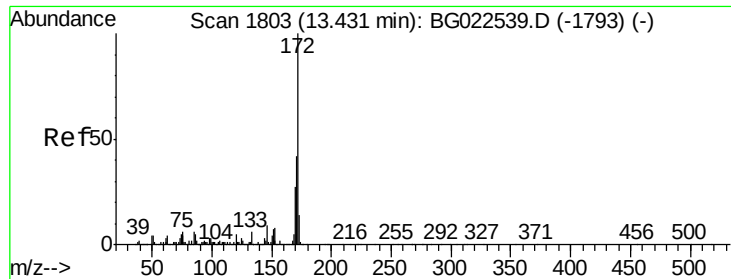


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

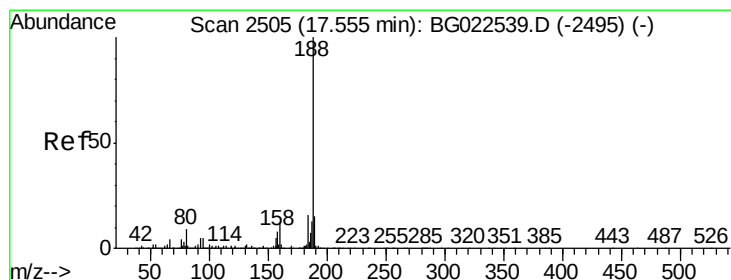
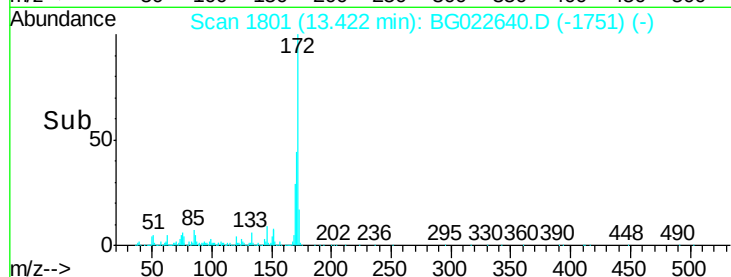
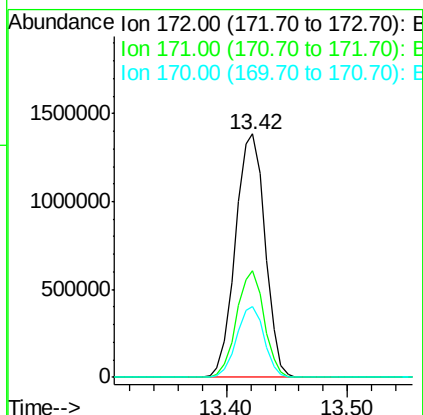
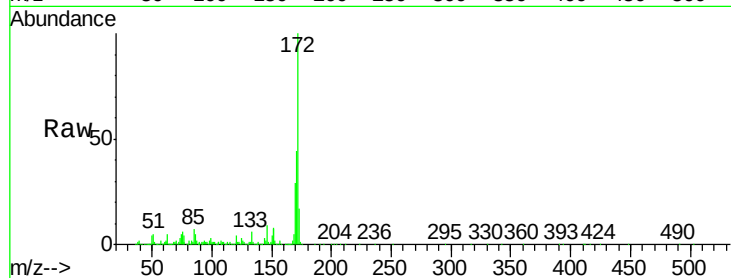




#44
2-Fluorobiphenyl
Concen: 71.32 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022640.D
Acq: 27 Jun 2016 13:02

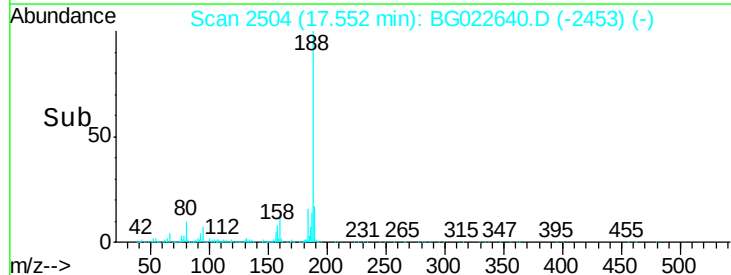
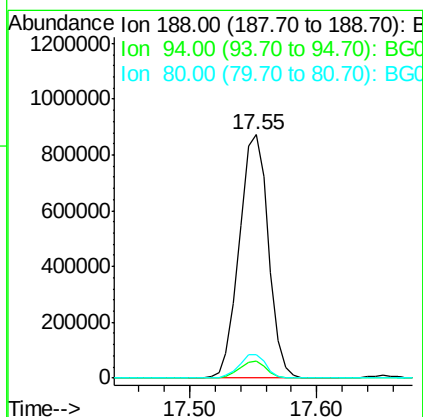
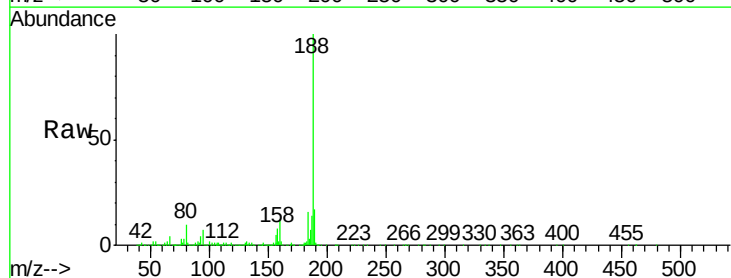
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

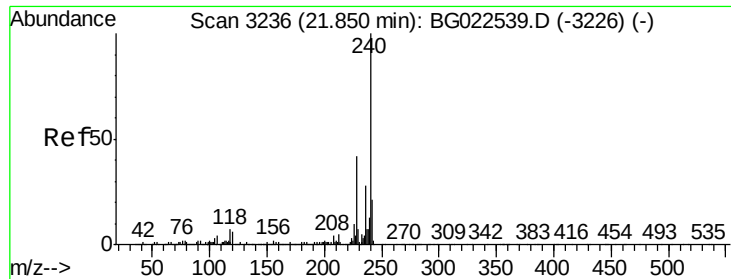
Tgt Ion:172 Resp: 2365344
Ion Ratio Lower Upper
172 100
171 43.8 31.6 47.4
170 29.3 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022640.D
Acq: 27 Jun 2016 13:02

Tgt Ion:188 Resp: 1383882
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.7 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2B

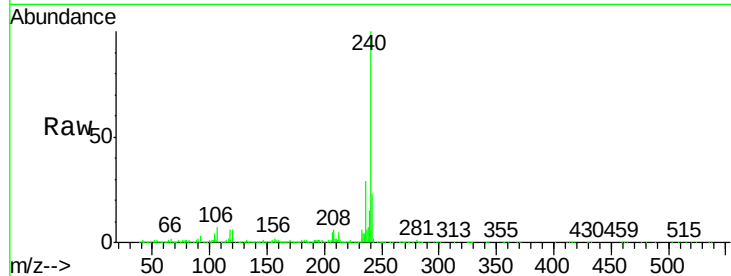
Tgt Ion:240 Resp: 1543920

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

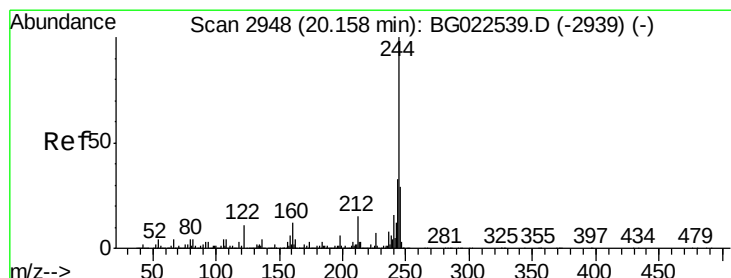
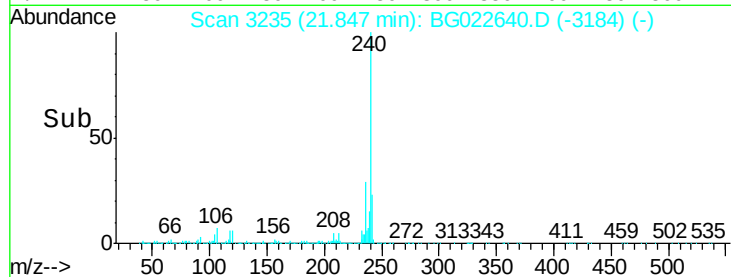
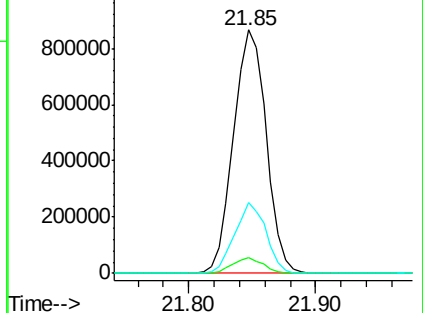
236 29.3 21.1 31.7



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



#78

Terphenyl-d14

Concen: 60.01 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022640.D

Acq: 27 Jun 2016 13:02

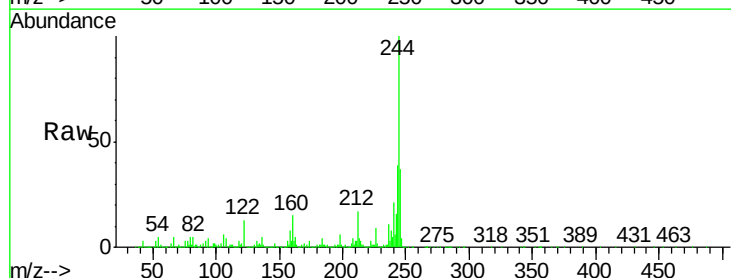
Tgt Ion:244 Resp: 3496772

Ion Ratio Lower Upper

244 100

212 17.3 10.8 16.2#

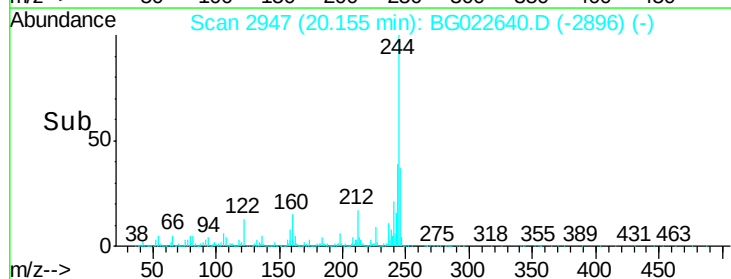
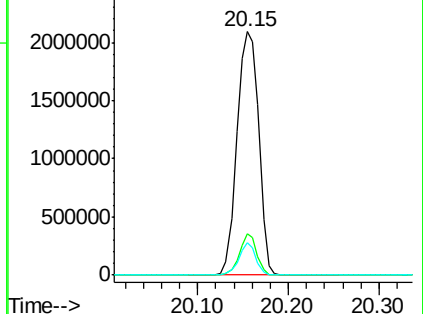
122 13.1 8.0 12.0#

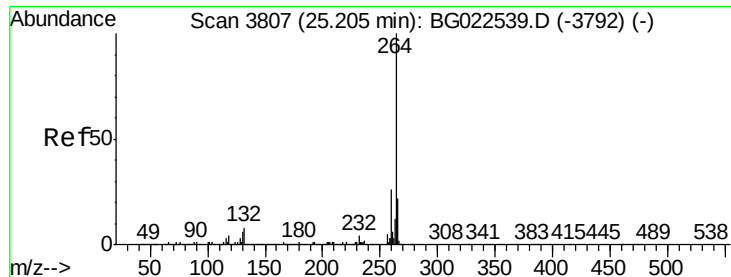


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022640.D
Acq: 27 Jun 2016 13:02

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion: 264 Resp: 1487692

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.2	18.9	28.3

