

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021126.D
 Acq On : 27 Feb 2016 22:18
 Operator : UM/SJ
 Sample : H1576-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-28

Quant Time: Feb 29 00:22:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

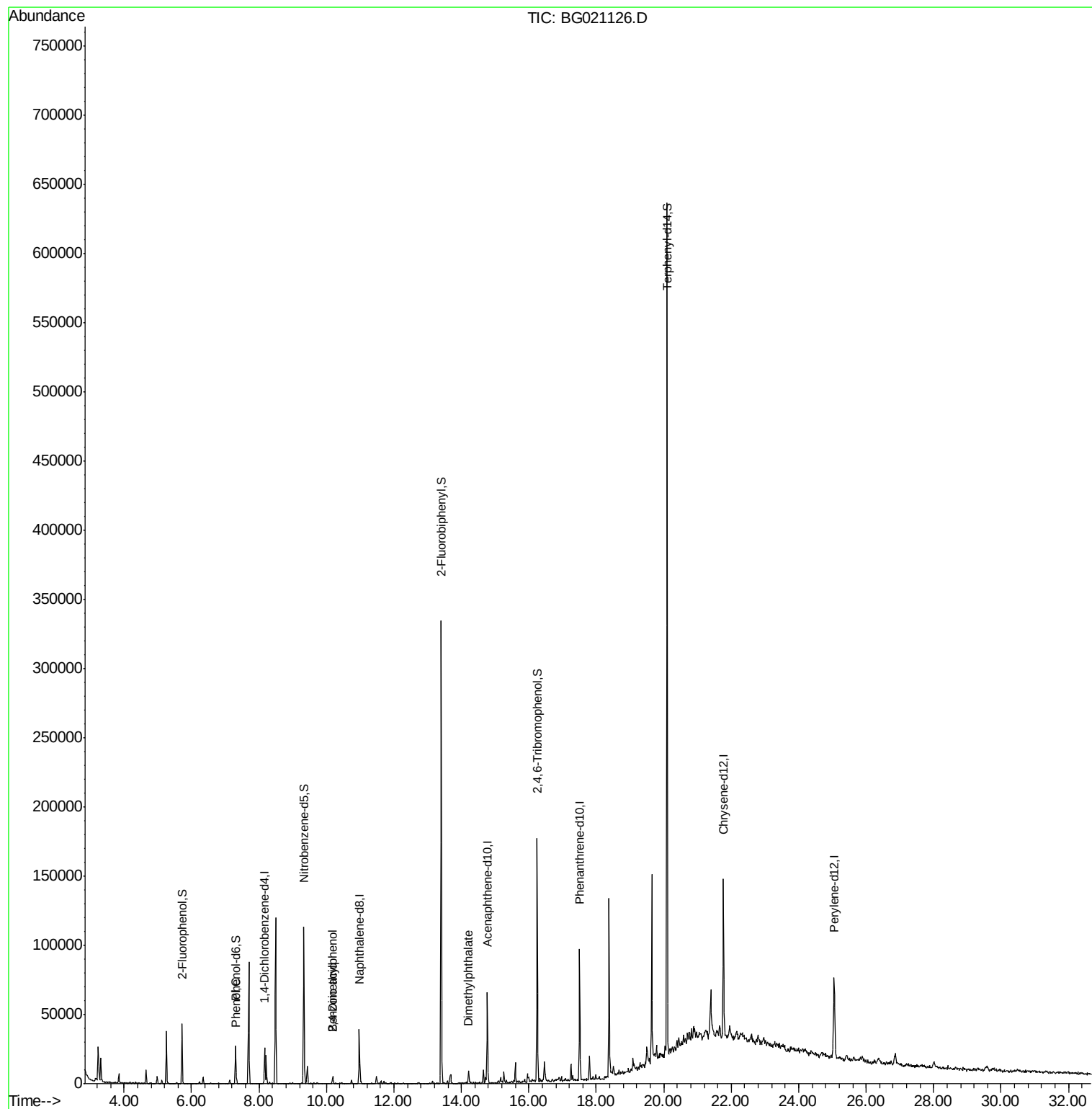
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6695	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	32115	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	20553	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	53797	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	58789	20.00	ng	-0.02
86) Perylene-d12	25.05	264	55266	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	16358	42.78	ng	-0.01
7) Phenol-d6	7.31	99	14895	26.17	ng	-0.02
23) Nitrobenzene-d5	9.33	82	69242	102.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	22757	84.45	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	142527	88.74	ng	-0.01
78) Terphenyl-d14	20.10	244	230267	91.54	ng	-0.01
Target Compounds						
10) Phenol	7.33	94	2136	3.66	ng	# 66
27) 2,4-Dimethylphenol	10.18	122	2152	4.14	ng	# 3
32) Benzoic acid	10.18	122	2152	4.51	ng	87
49) Dimethylphthalate	14.21	163	5015	2.83	ng	# 94

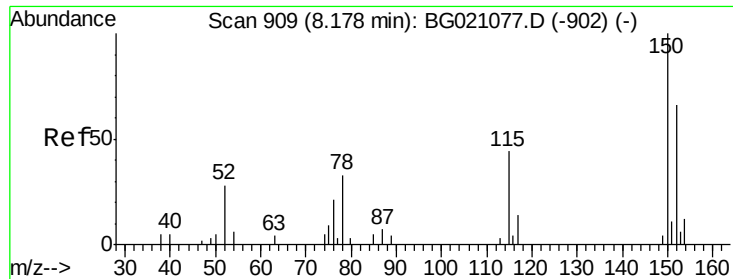
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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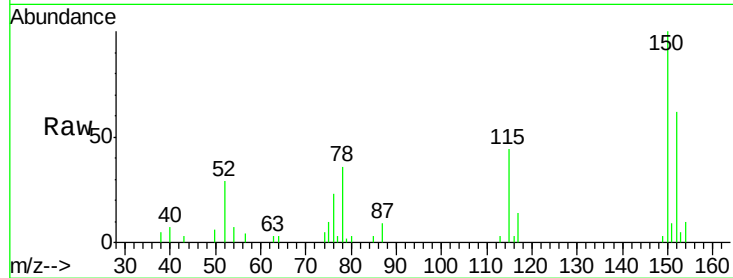


#1

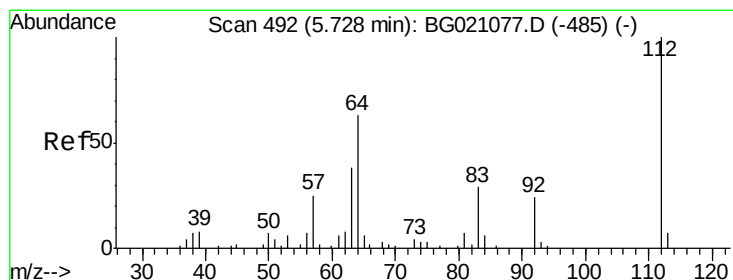
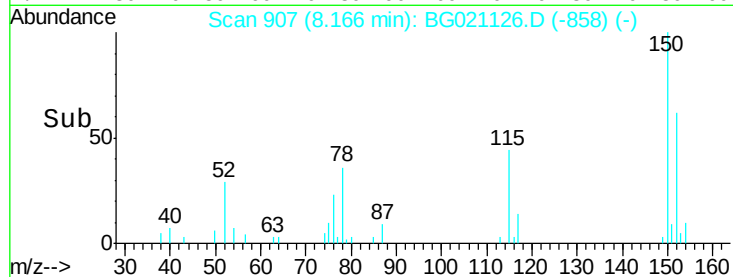
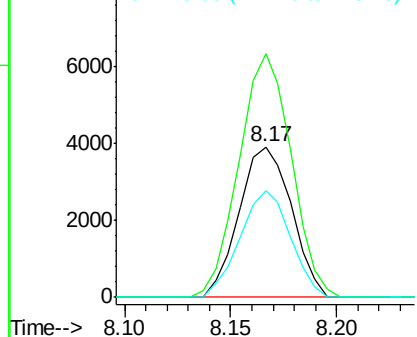
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampled :
TEC-28

Tgt Ion:152 Resp: 6695
Ion Ratio Lower Upper
152 100
150 161.6 123.4 185.2
115 71.0 43.3 64.9#



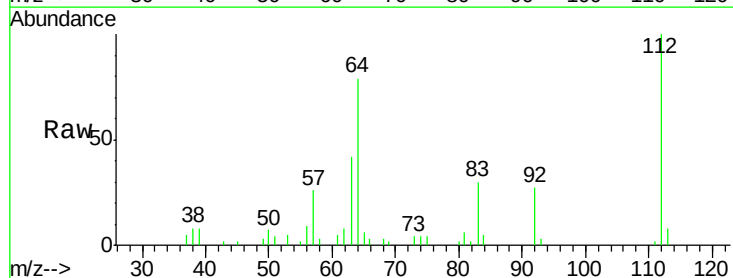
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



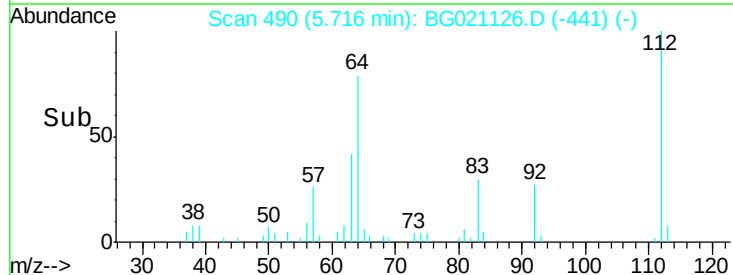
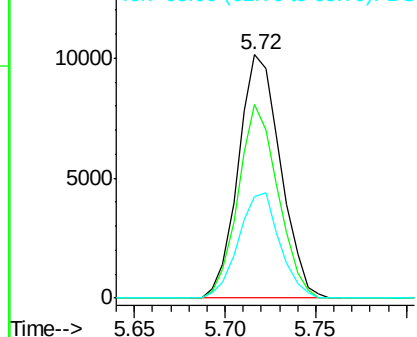
#5

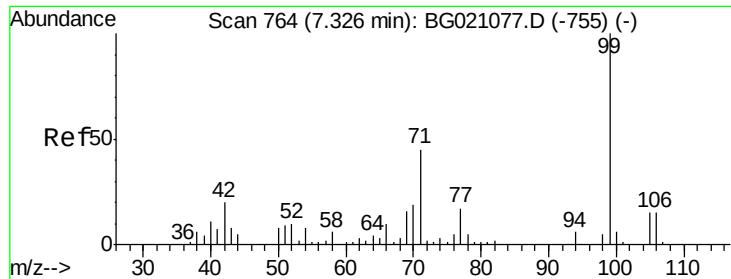
2-Fluorophenol
Concen: 42.78 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:112 Resp: 16358
Ion Ratio Lower Upper
112 100
64 79.5 42.6 63.8#
63 41.6 21.7 32.5#



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: 26.17 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

Instrument :

BNA_G

ClientSampled :

TEC-28

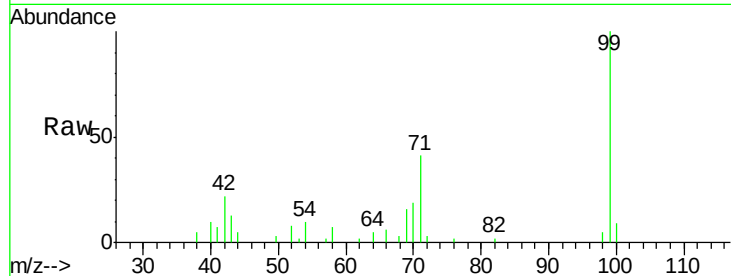
Tgt Ion: 99 Resp: 14895

Ion Ratio Lower Upper

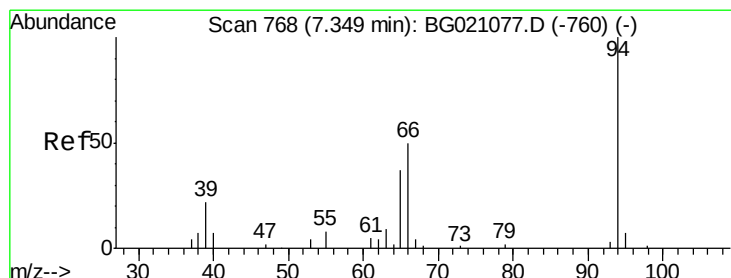
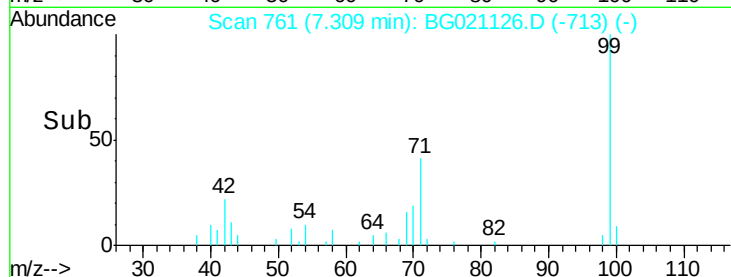
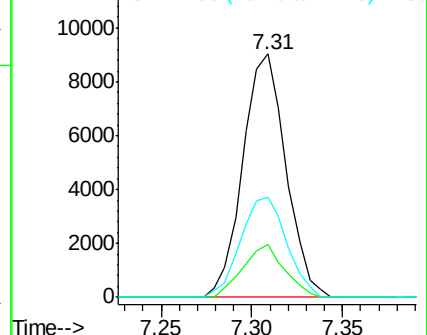
99 100

42 21.9 13.2 19.8#

71 41.0 25.2 37.8#



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



#10

Phenol

Concen: 3.66 ng

RT: 7.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

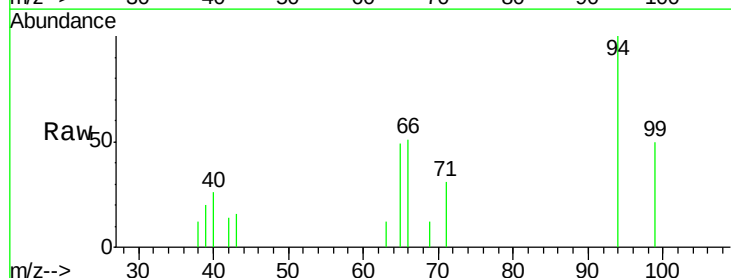
Tgt Ion: 94 Resp: 2136

Ion Ratio Lower Upper

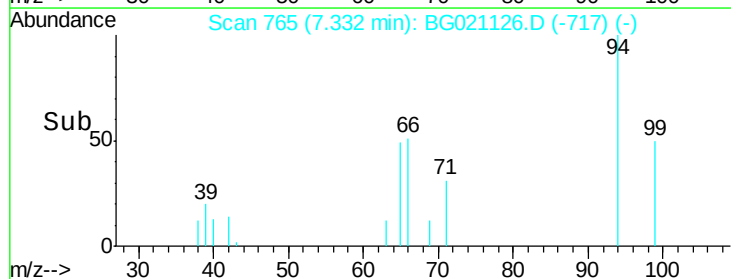
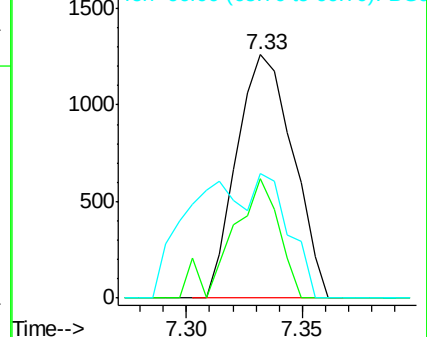
94 100

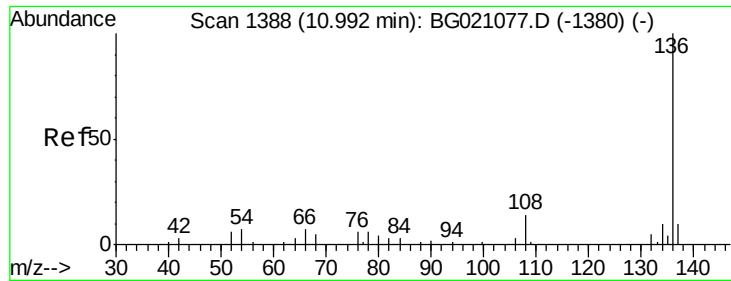
65 49.2 7.2 47.2#

66 51.2 15.4 55.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

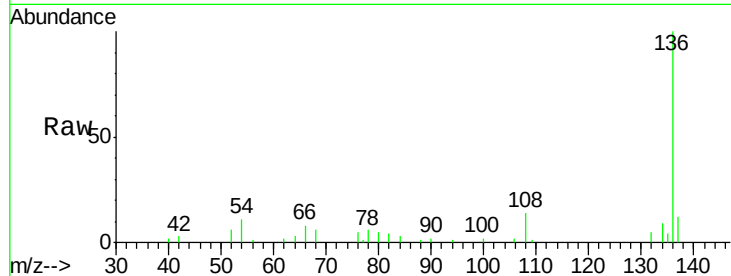




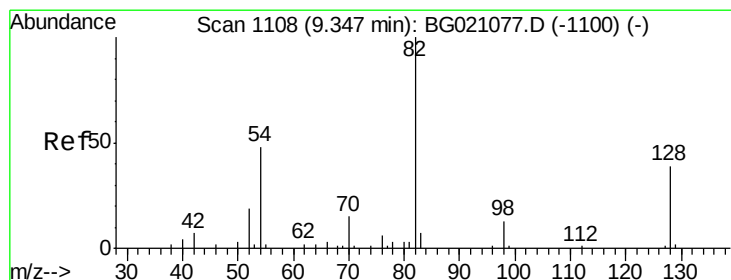
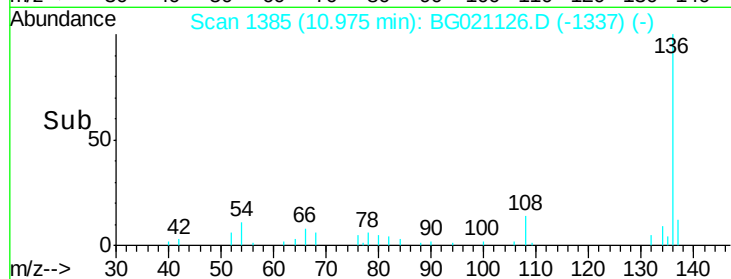
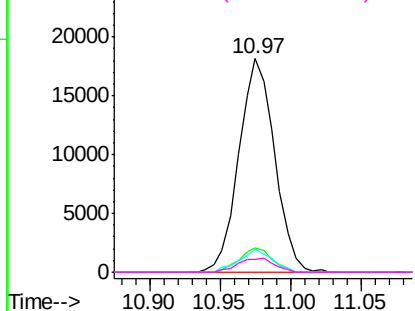
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampled :
TEC-28

Tgt Ion:	136	Resp:	32115
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.7	6.9	10.3#
68	6.1	5.8	8.6

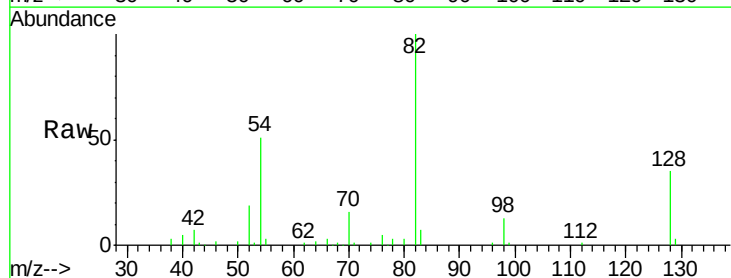


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

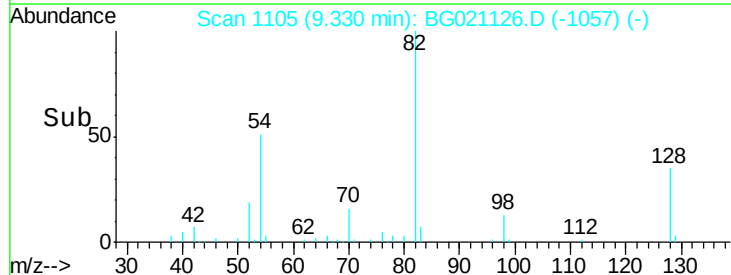
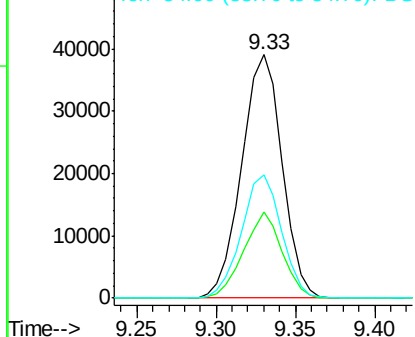


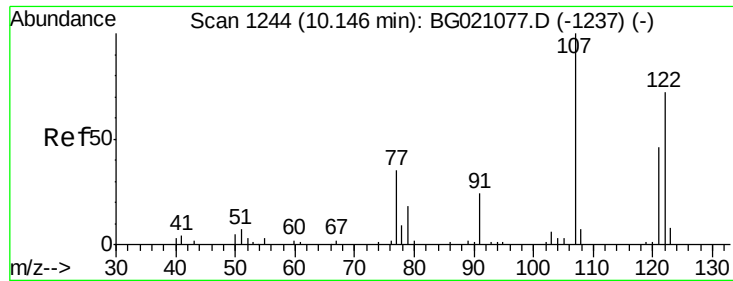
#23
Nitrobenzene-d5
Concen: 102.73 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:	82	Resp:	69242
Ion	Ratio	Lower	Upper
82	100		
128	35.2	36.3	54.5#
54	50.8	37.6	56.4



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

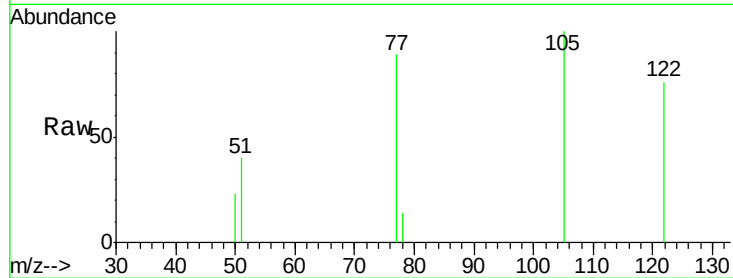




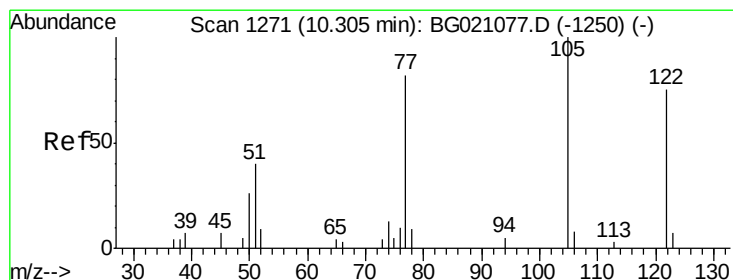
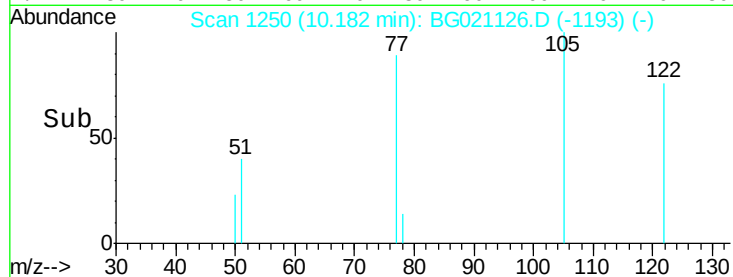
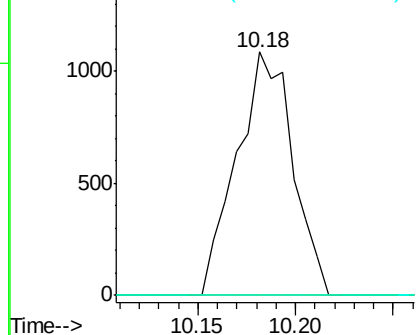
#27
2,4-Dimethylphenol
Concen: 4.14 ng
RT: 10.18 min Scan# 1250
Delta R.T. 0.04 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:122 Resp: 2152
Ion Ratio Lower Upper
122 100
107 0.0 94.1 141.1#
121 0.0 45.9 68.9#

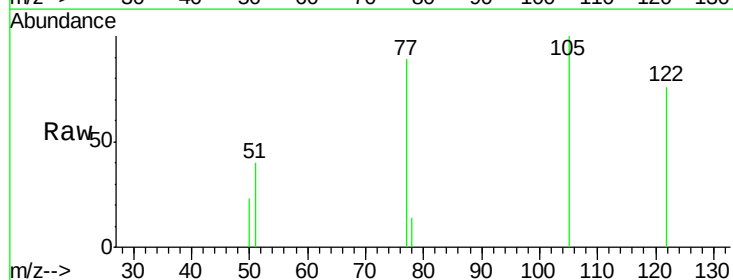


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

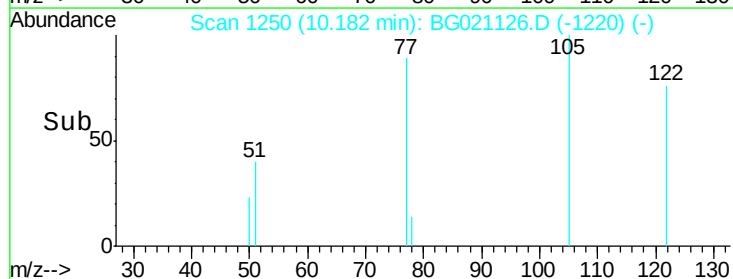
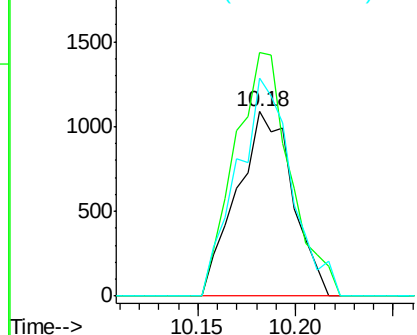


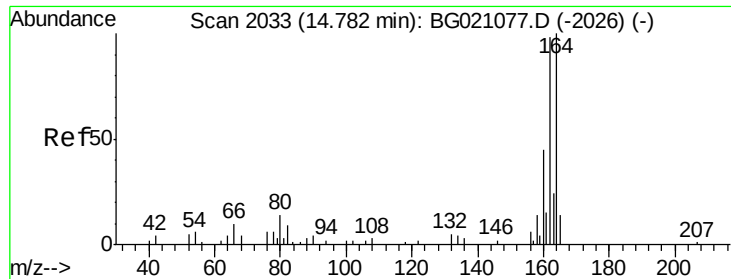
#32
Benzoic acid
Concen: 4.51 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.12 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:122 Resp: 2152
Ion Ratio Lower Upper
122 100
105 132.1 98.7 138.7
77 118.1 84.5 124.5



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): BG





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

Instrument :

BNA_G

ClientSampleId :

TEC-28

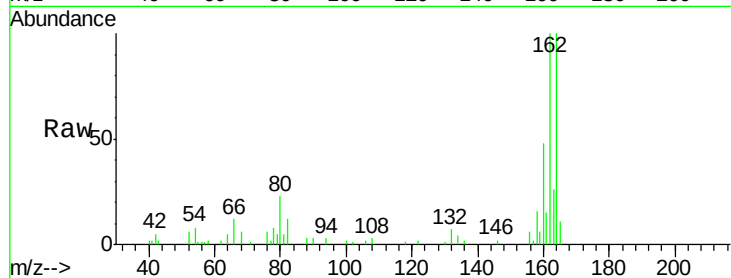
Tgt Ion:164 Resp: 20553

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

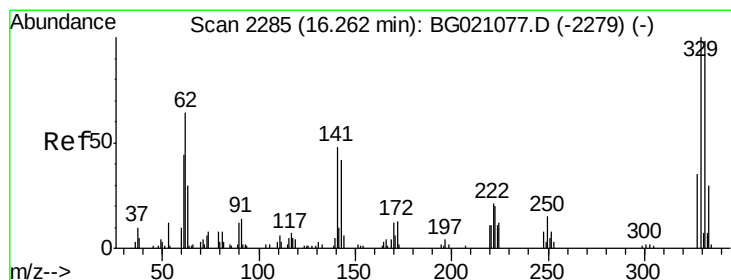
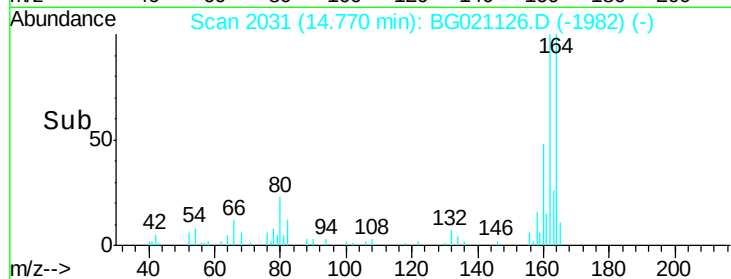
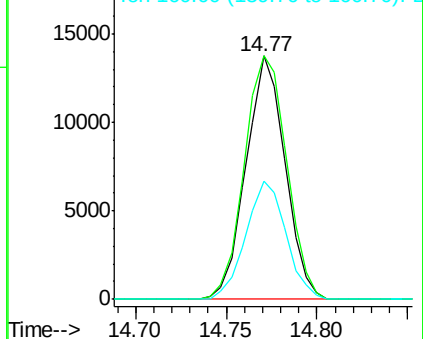
160 48.5 36.5 54.7



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: 84.45 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

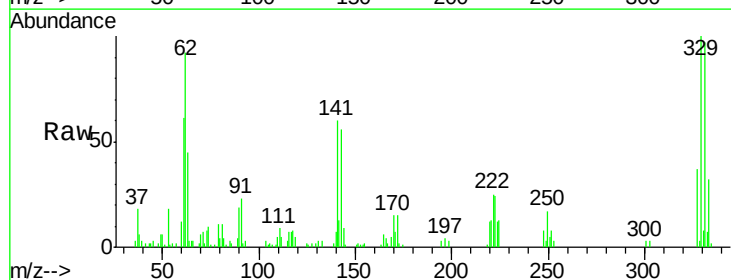
Tgt Ion:330 Resp: 22757

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

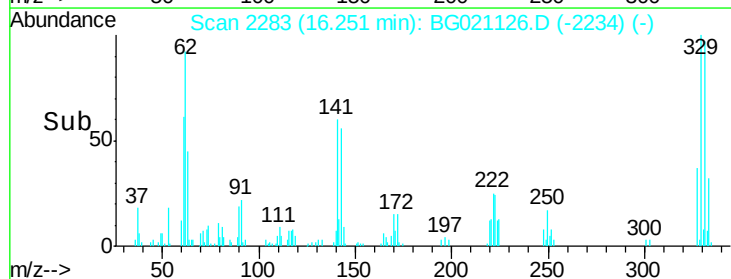
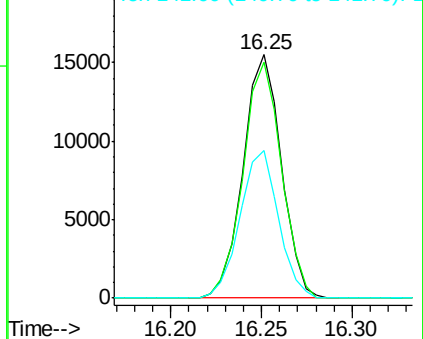
141 60.9 35.3 52.9#

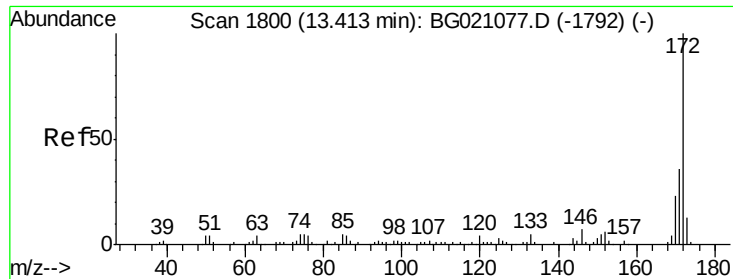


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

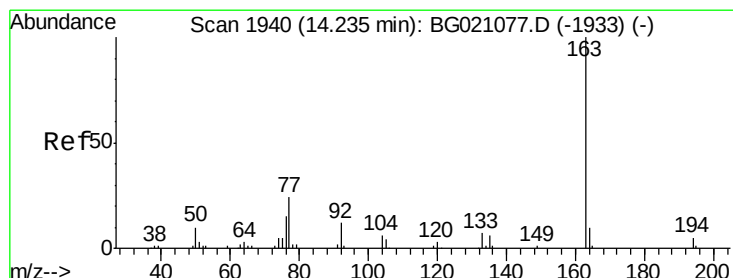
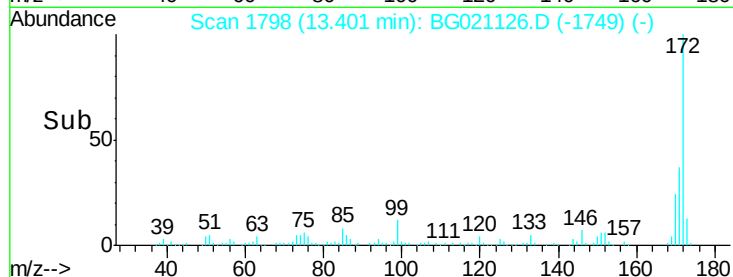
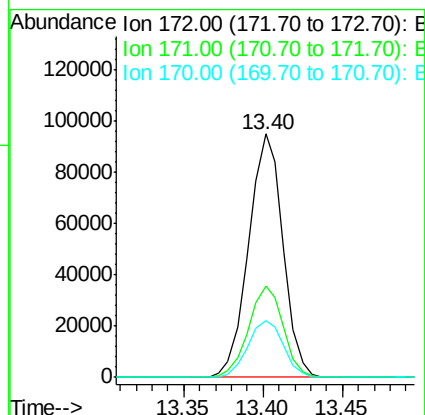
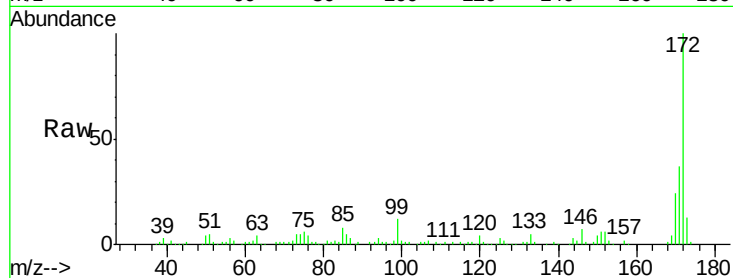




#44
2-Fluorobiphenyl
Concen: 88.74 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

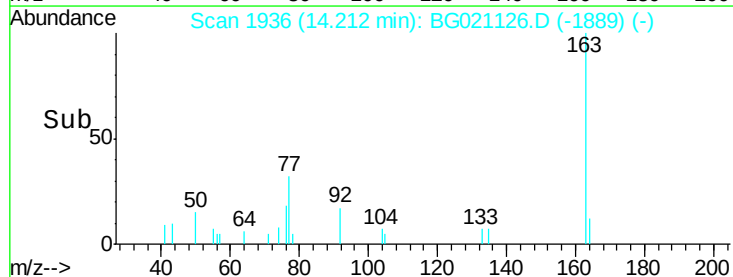
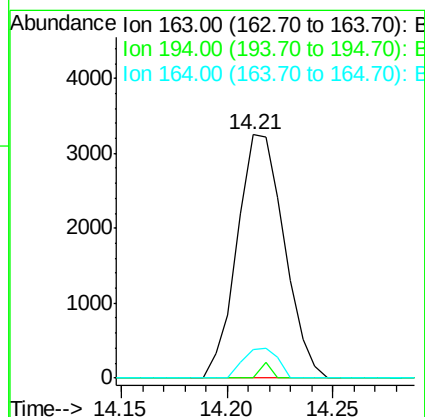
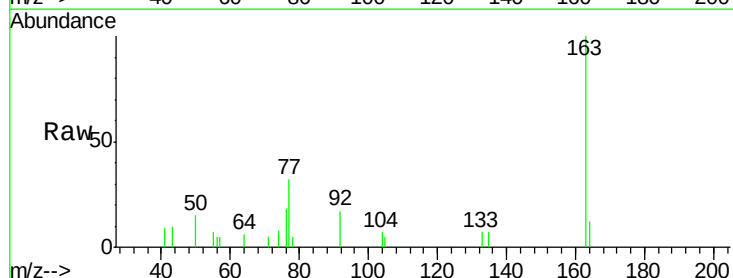
Instrument :
BNA_G
ClientSampleId :
TEC-28

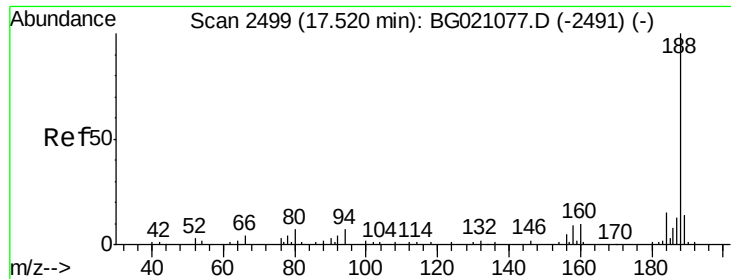
Tgt Ion:172 Resp: 142527
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 2.83 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:163 Resp: 5015
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 11.8 7.9 11.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

Instrument :

BNA_G

ClientSampleId :

TEC-28

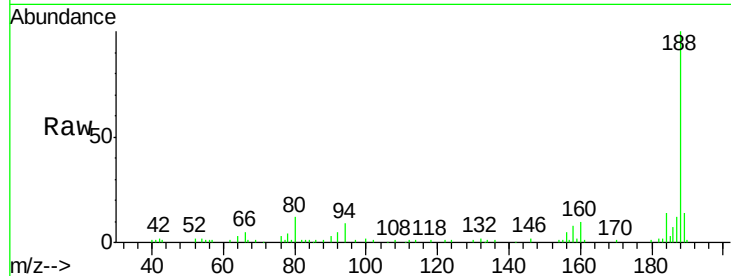
Tgt Ion:188 Resp: 53797

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

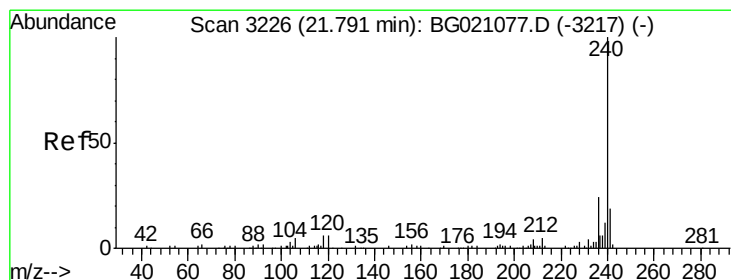
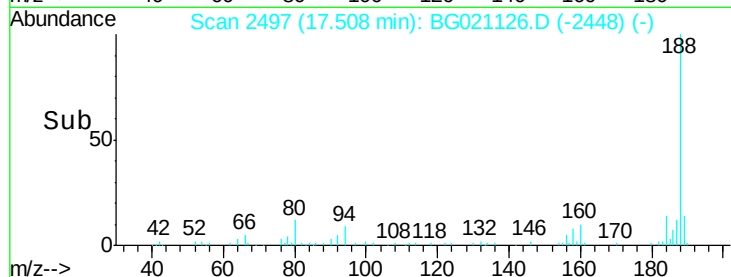
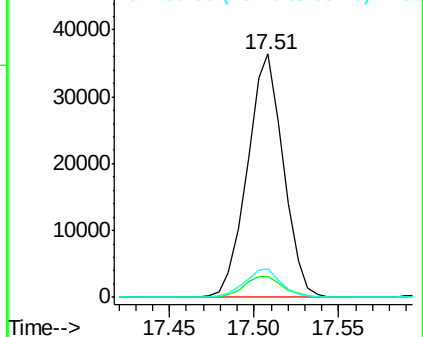
80 11.9 9.2 13.8



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: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

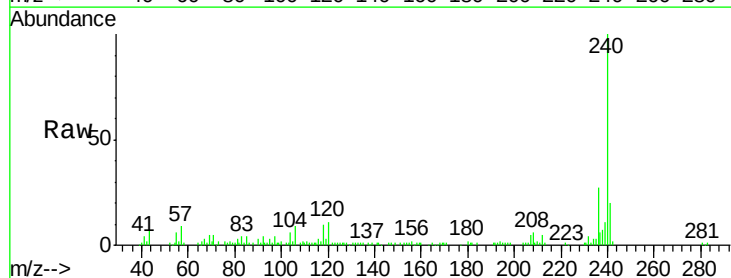
Tgt Ion:240 Resp: 58789

Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

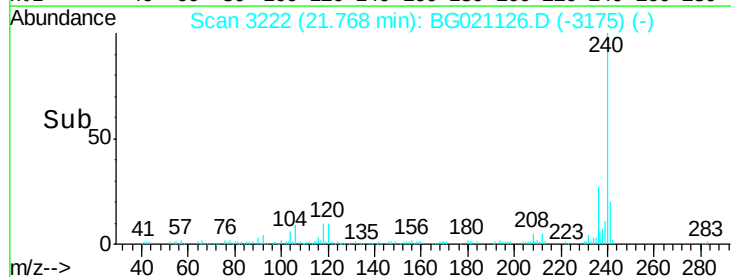
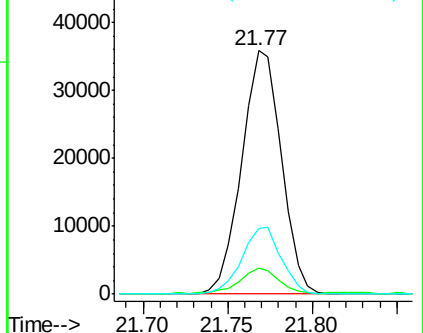
236 27.0 20.5 30.7

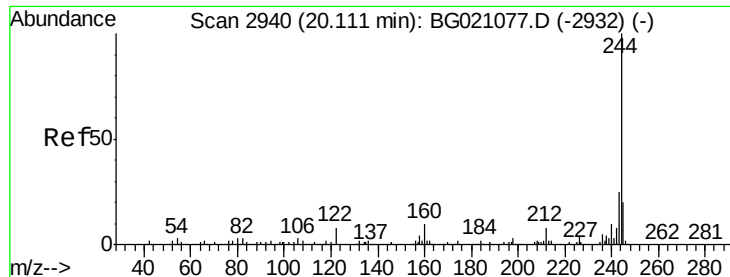


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.54 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

Instrument :

BNA_G

ClientSampleId :

TEC-28

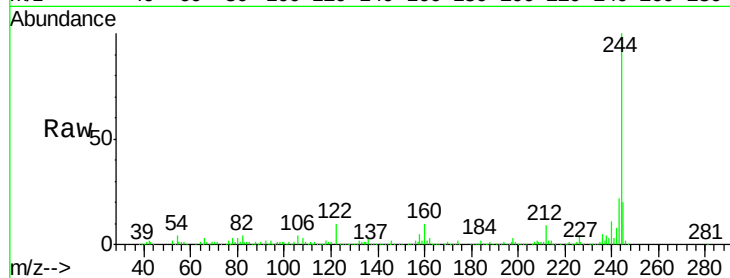
Tgt Ion:244 Resp: 230267

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

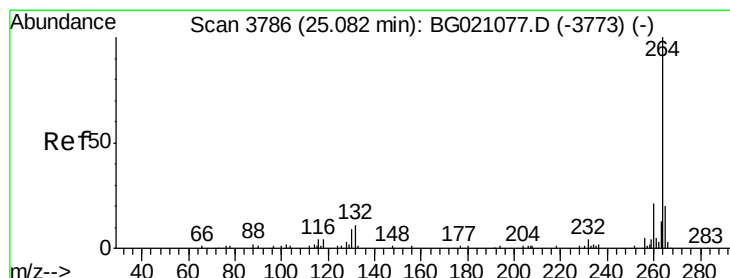
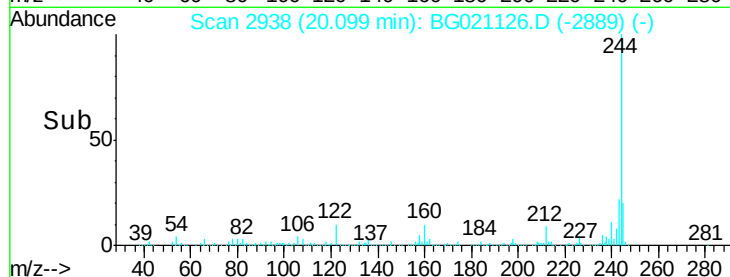
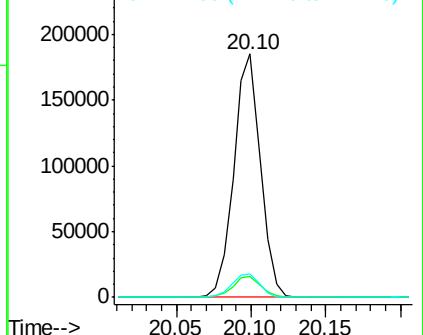
122 9.8 8.3 12.5



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: 25.05 min Scan# 3781

Delta R.T. -0.03 min

Lab File: BG021126.D

Acq: 27 Feb 2016 22:18

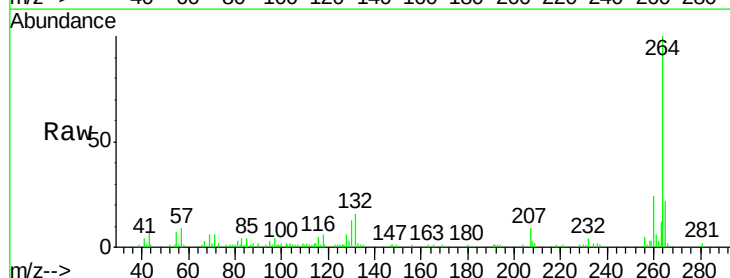
Tgt Ion:264 Resp: 55266

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

265 22.1 18.6 28.0



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

