

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022531.D
 Acq On : 24 Jun 2016 8:53
 Operator : UM/SJ
 Sample : H3625-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 24 15:38:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 04:19:57 2016
 Response via : Initial Calibration

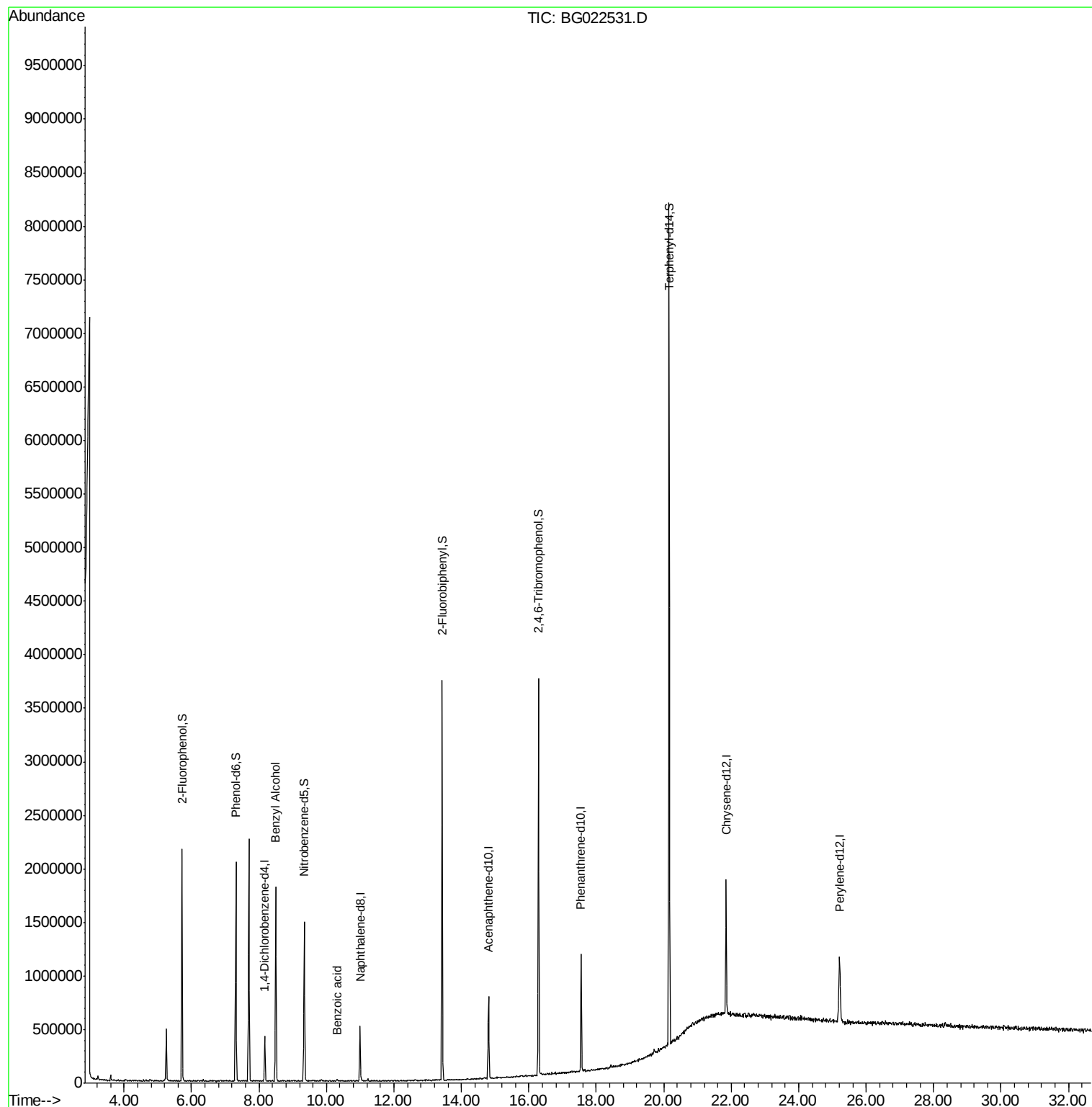
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	100747	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	395873	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	257124	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	664081	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	771825	20.00	ng	-0.01
86) Perylene-d12	25.21	264	758740	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	792434	127.37	ng	0.00
7) Phenol-d6	7.31	99	1064706	122.24	ng	0.00
23) Nitrobenzene-d5	9.34	82	892441	96.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	657453	164.77	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1699802	100.90	ng	-0.01
78) Terphenyl-d14	20.16	244	2774904	115.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	20602	2.19	ng	# 73
32) Benzoic acid	10.32	122	156	3.90	ng	# 1
53) 2,4-Dinitrophenol	14.89	184	77	Below Cal		# 11
64) 4,6-Dinitro-2-methylphenol	15.87	198	54	Below Cal		# 1
73) Di-n-butylphthalate	18.50	149	3113	Below Cal		# 77
74) Fluoranthene	19.50	202	599	Below Cal		65

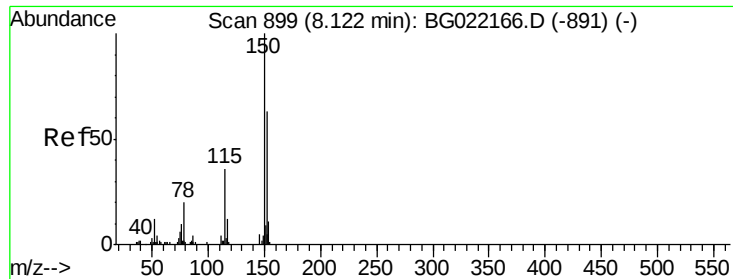
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

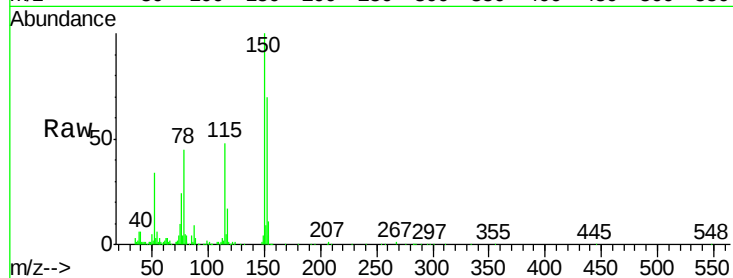
Tot Ion:152 Resp: 100747

Ion Ratio Lower Upper

152 100

150 143.5 144.7 217.1#

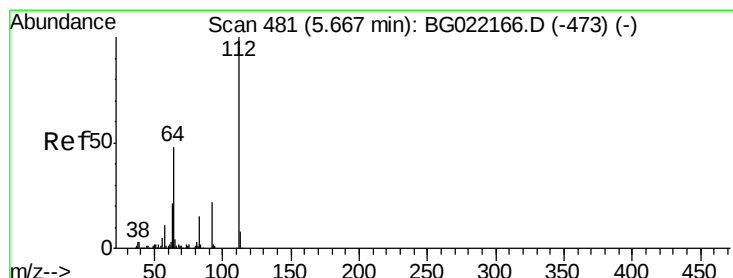
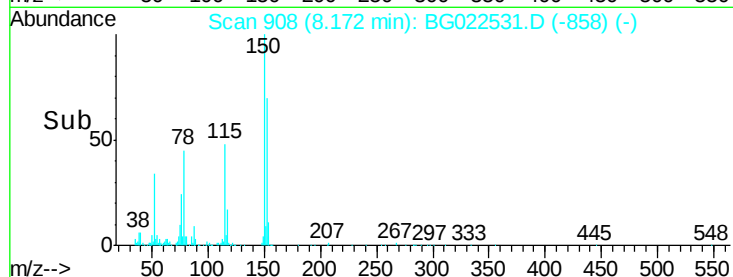
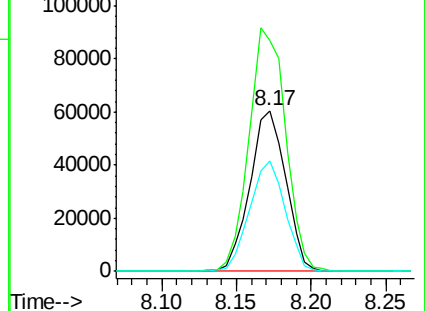
115 68.7 64.0 96.0



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: 127.37 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

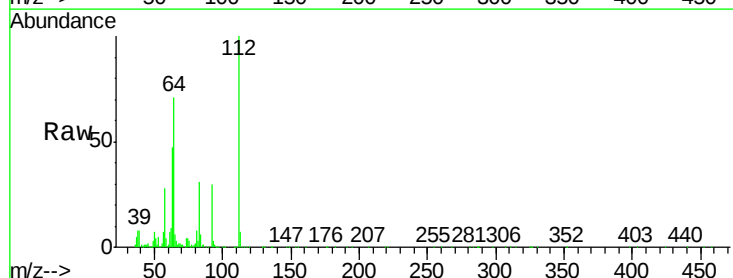
Tgt Ion:112 Resp: 792434

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

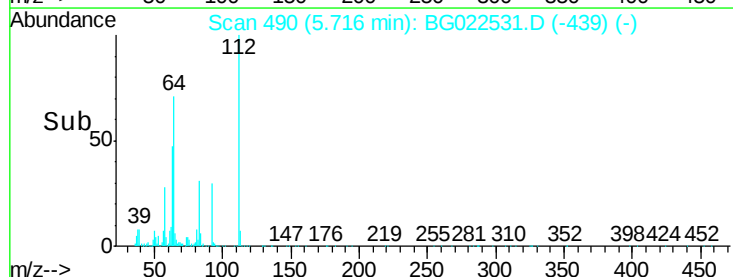
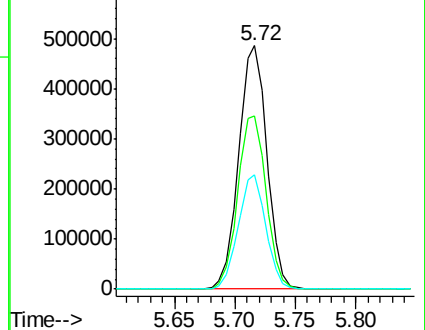
63 47.1 37.8 56.8

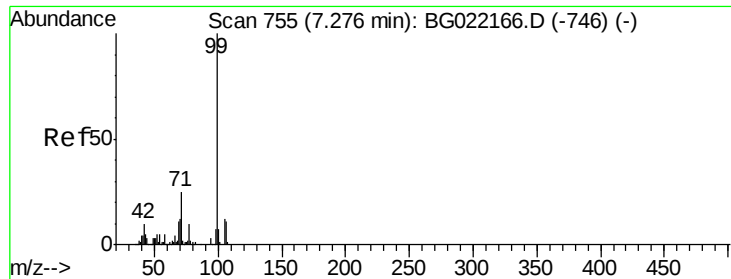


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.24 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

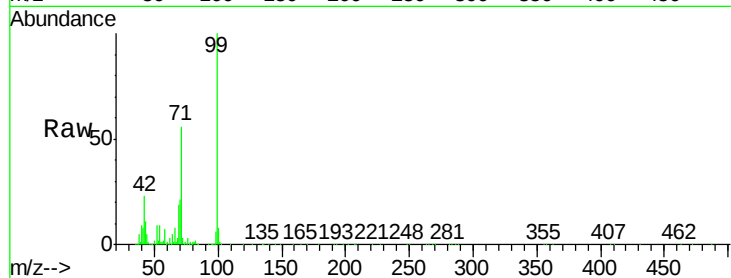
Tot Ion: 99 Resp: 1064706

Ion Ratio Lower Upper

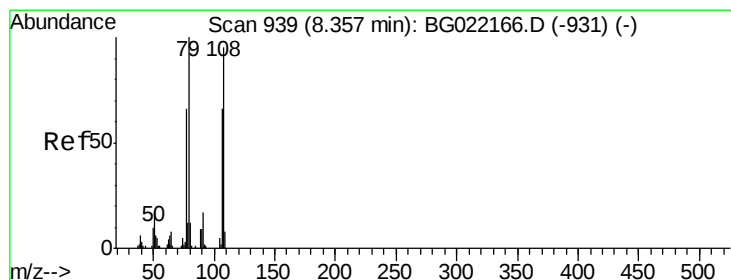
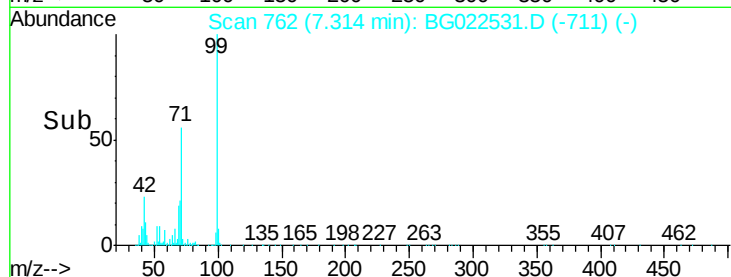
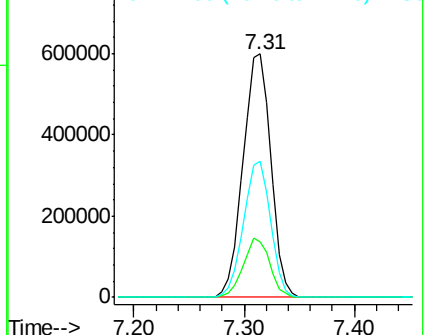
99 100

42 22.6 17.8 26.6

71 55.9 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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.08 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

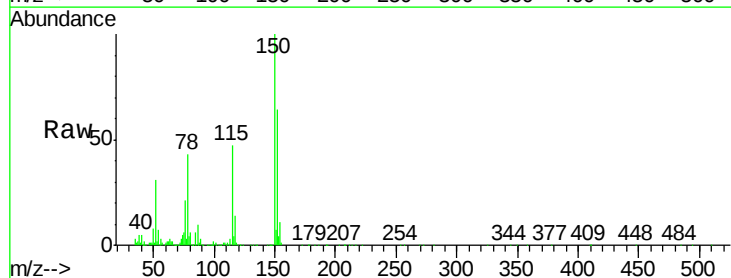
Tgt Ion: 79 Resp: 20602

Ion Ratio Lower Upper

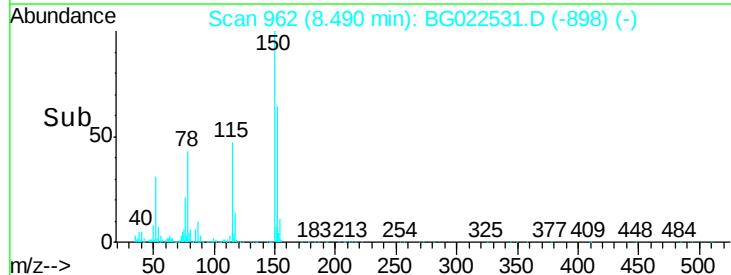
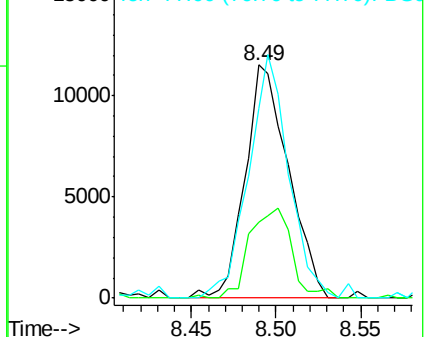
79 100

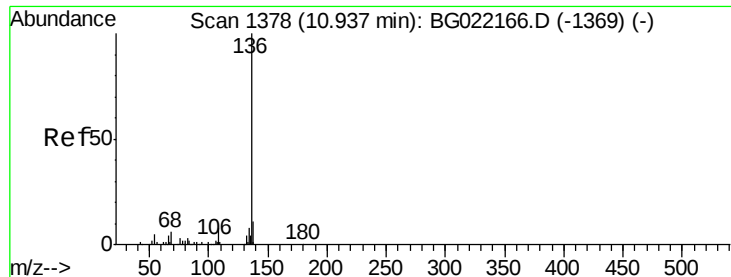
108 32.8 46.5 69.7#

77 81.6 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 395873

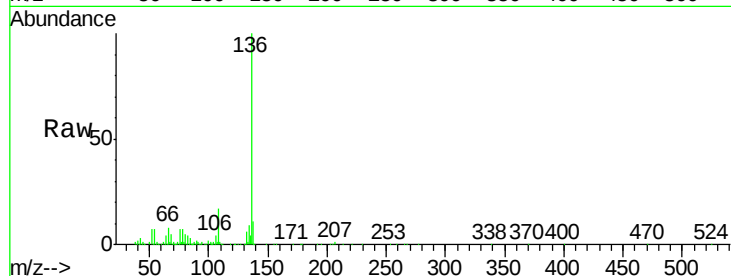
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 6.9 7.3 10.9#

68 4.6 5.3 7.9#

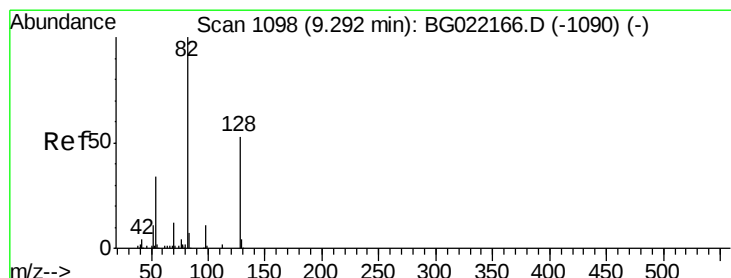
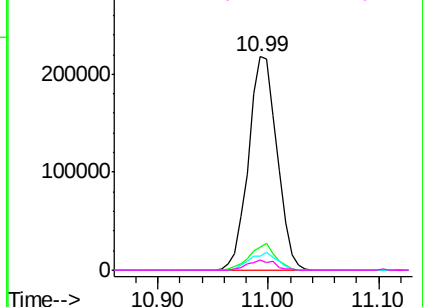
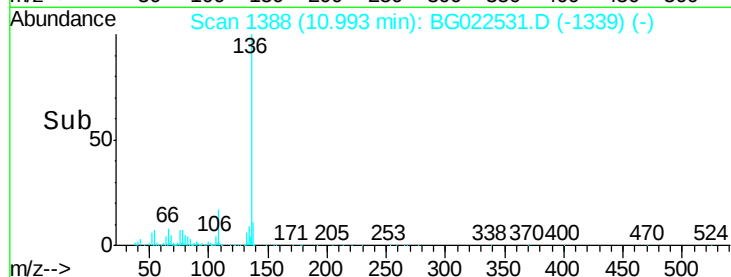


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 96.52 ng

RT: 9.34 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

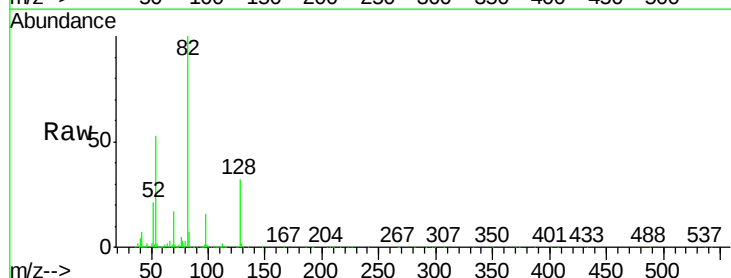
Tgt Ion: 82 Resp: 892441

Ion Ratio Lower Upper

82 100

128 31.7 24.4 36.6

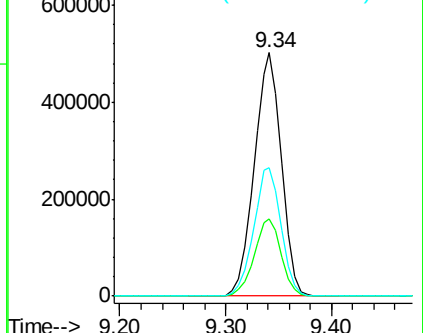
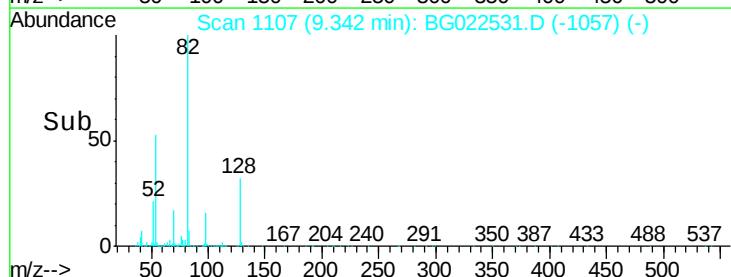
54 53.0 41.4 62.0

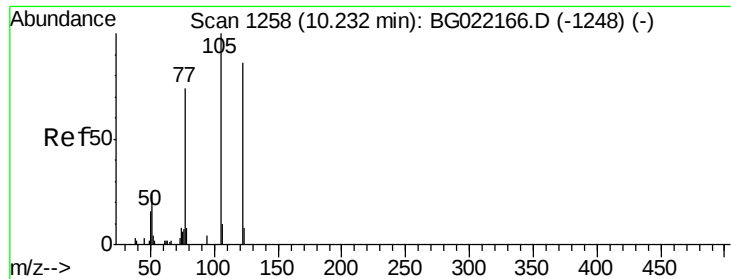


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

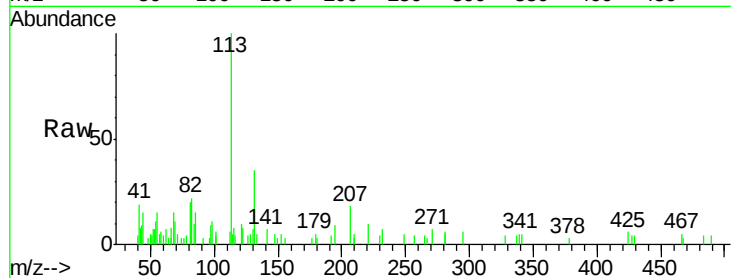




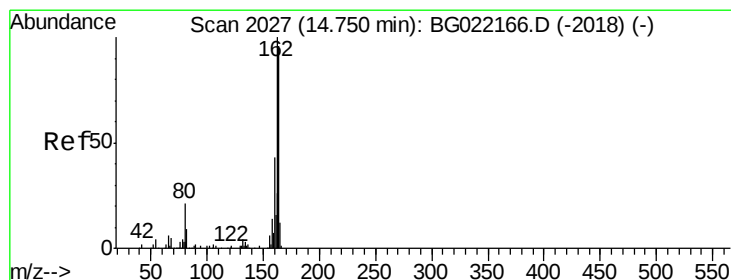
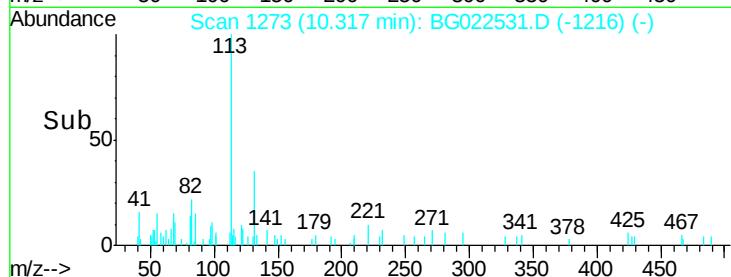
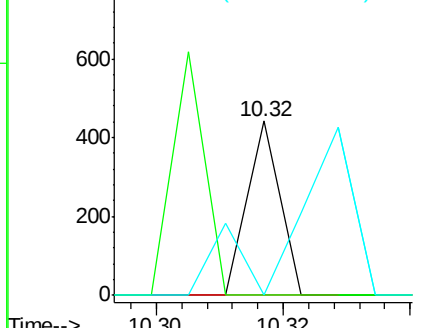
#32
Benzoic acid
Concen: 3.90 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.03 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

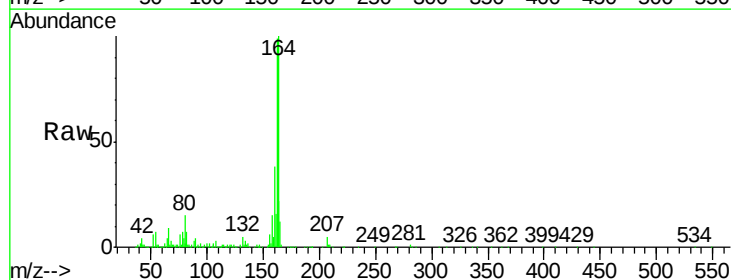


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

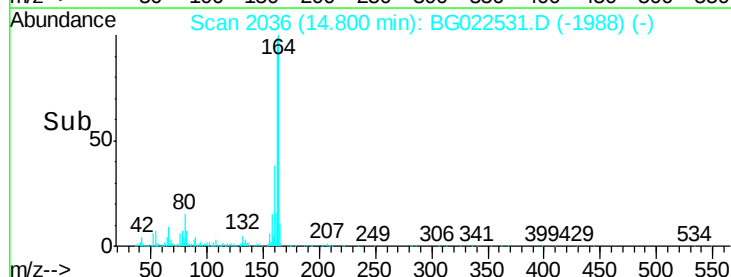
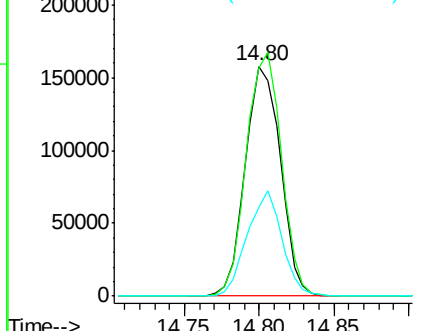


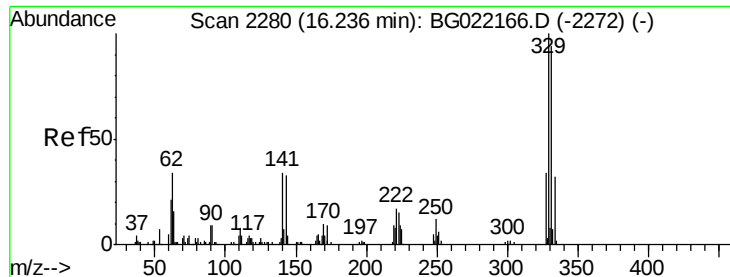
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

Tgt Ion:164 Resp: 257124
Ion Ratio Lower Upper
164 100
162 99.3 87.7 131.5
160 38.4 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

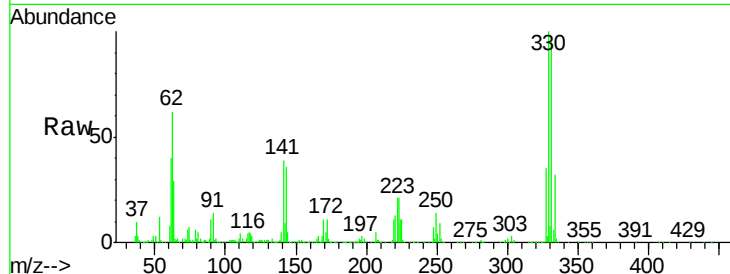




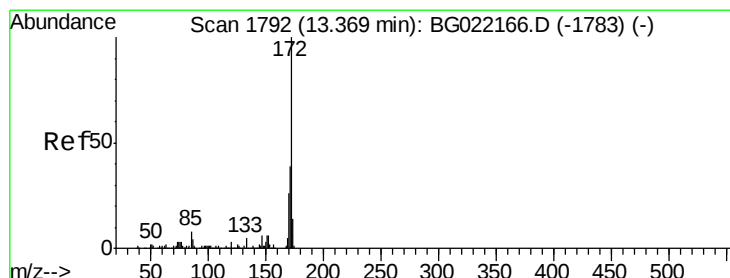
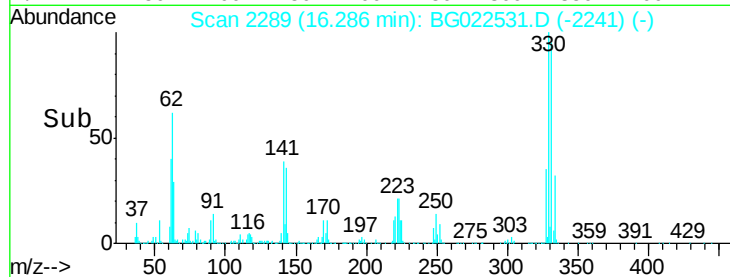
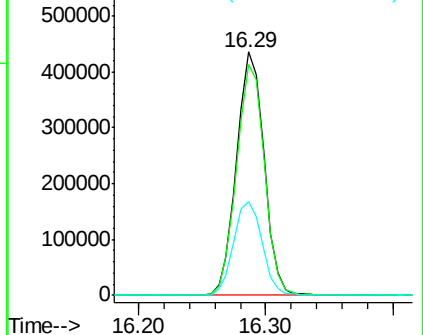
#41
 2,4,6-Tribromophenol
 Concen: 164.77 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.6	31.7	47.5

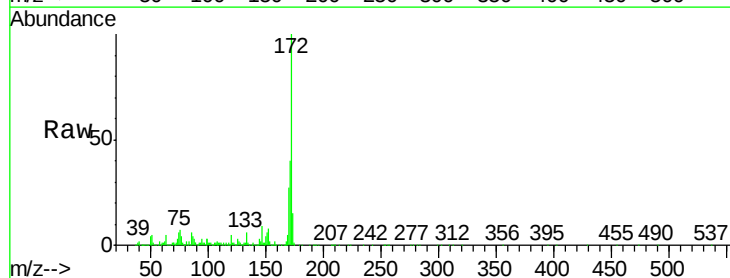


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

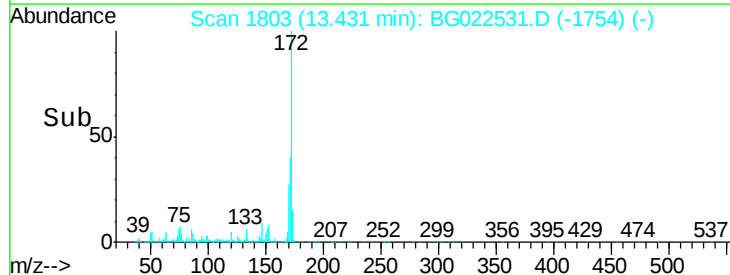
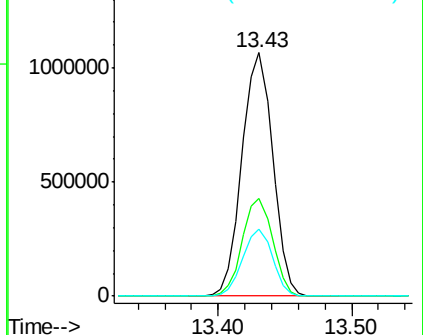


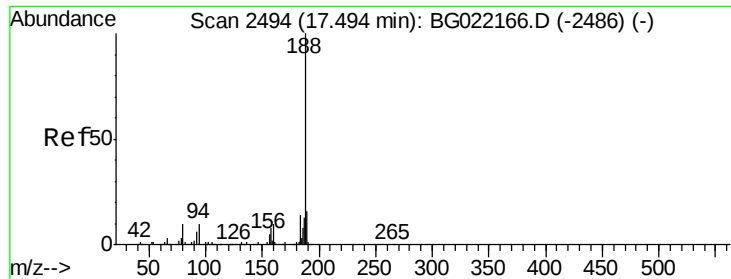
#44
 2-Fluorobiphenyl
 Concen: 100.90 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.6	47.4
170	27.4	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

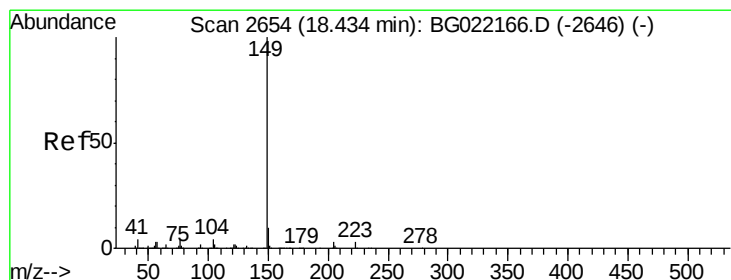
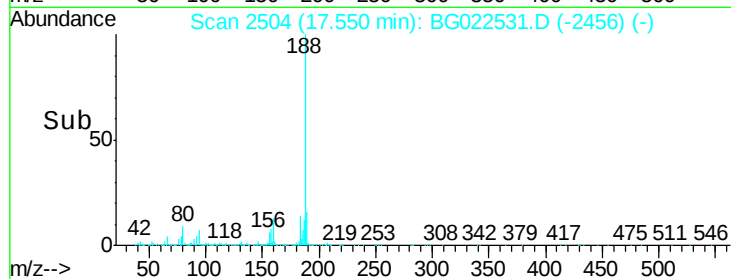
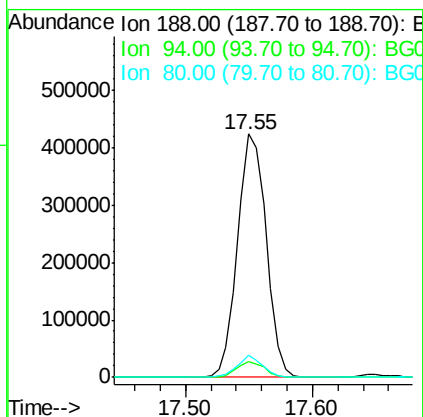
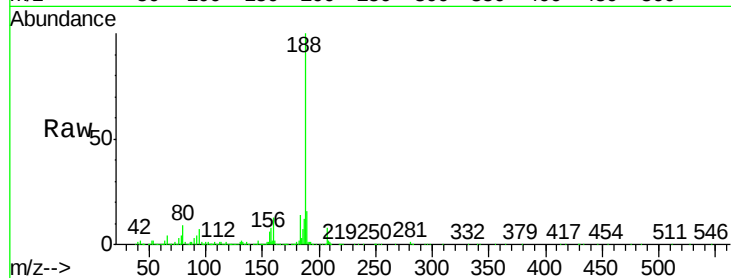




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

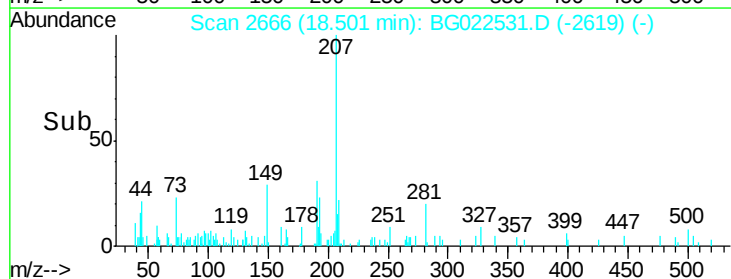
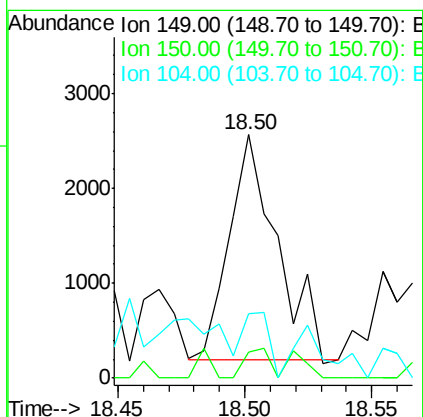
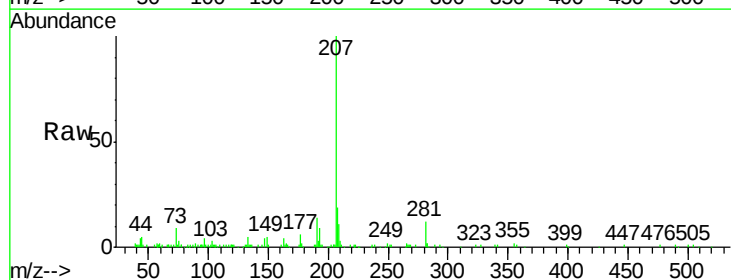
Instrument :
BNA_G
ClientSampleId :

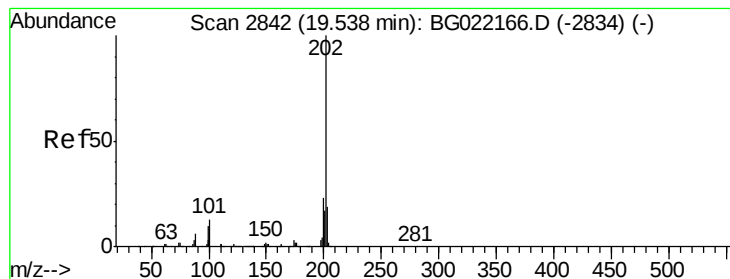
Tot Ion:188 Resp: 664081
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 9.2 7.2 10.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2666
Delta R.T. -0.02 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

Tgt Ion:149 Resp: 3113
Ion Ratio Lower Upper
149 100
150 10.4 9.1 13.7
104 26.2 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.50 min Scan# 2836

Delta R.T. -0.11 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

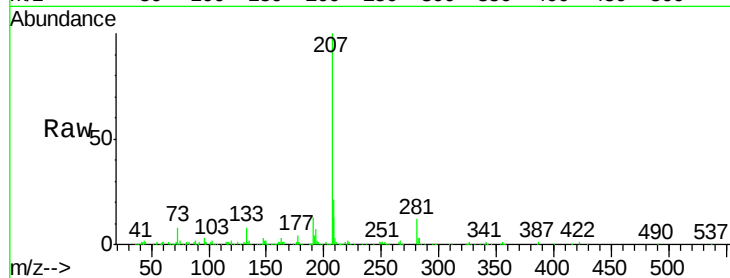
Tot Ion:202 Resp: 599

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

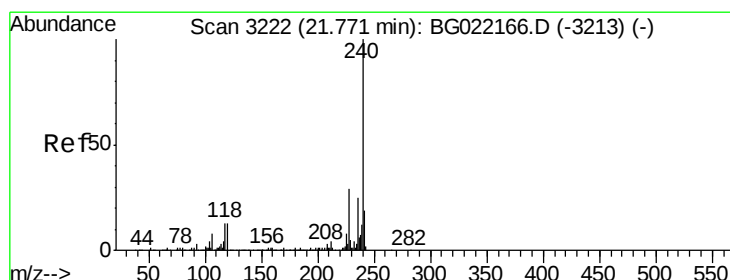
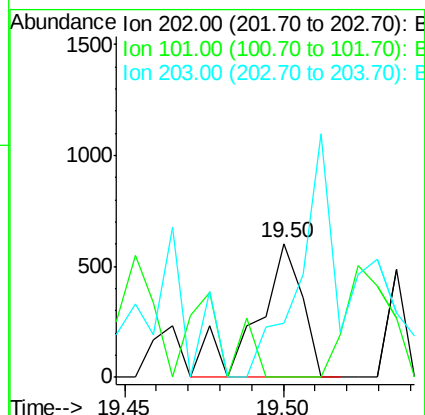
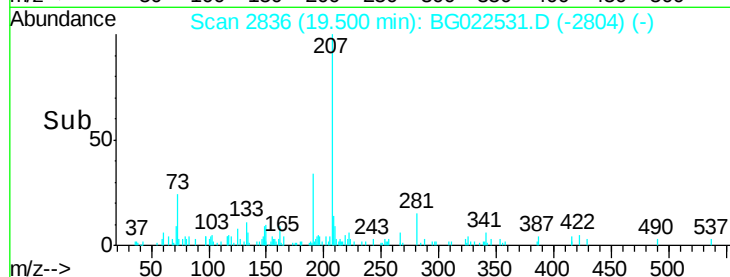
203 40.5 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

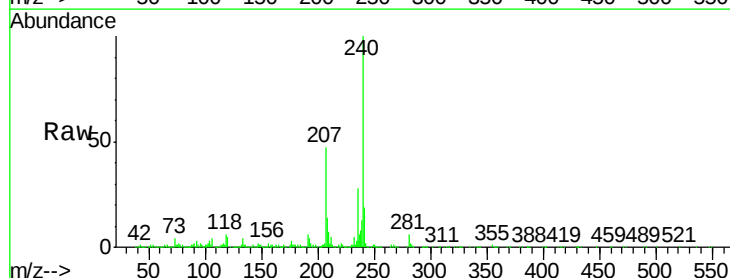
Tgt Ion:240 Resp: 771825

Ion Ratio Lower Upper

240 100

120 4.6 4.1 6.1

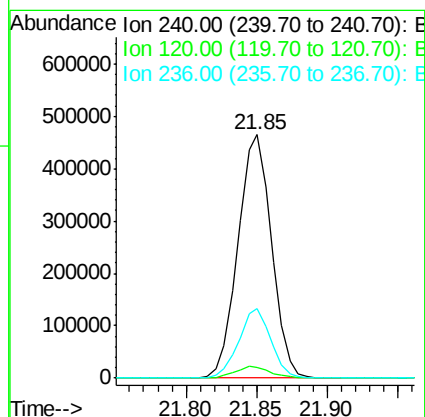
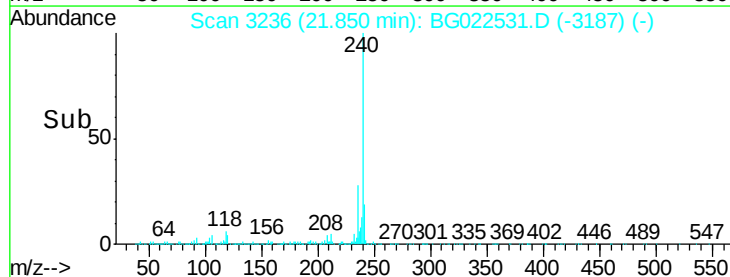
236 28.4 21.1 31.7

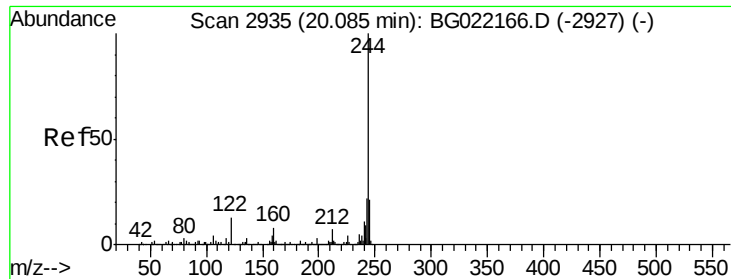


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 115.20 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

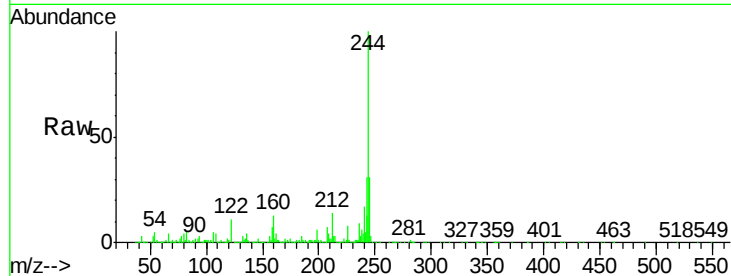
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2774904

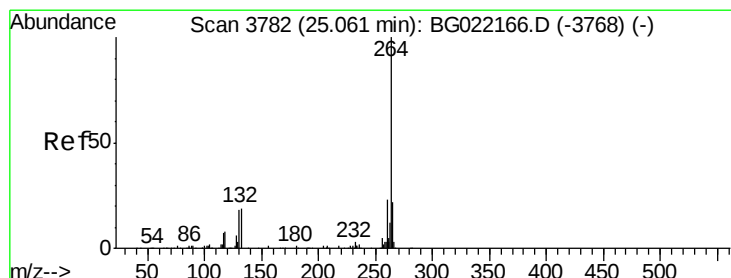
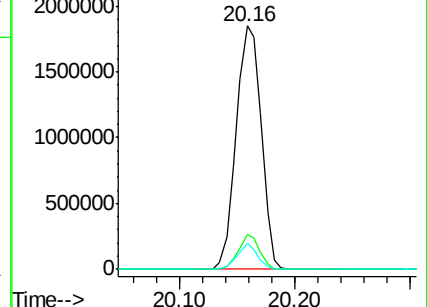
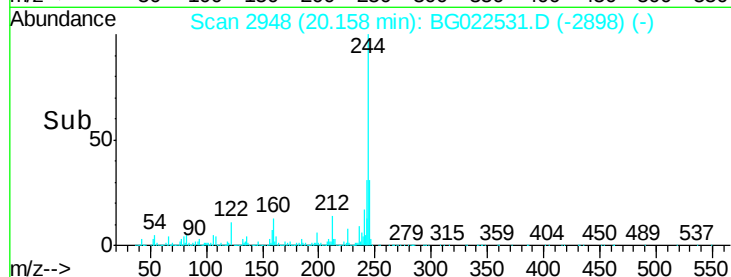
Ion	Ratio	Lower	Upper
244	100		
212	14.2	10.8	16.2
122	10.7	8.0	12.0



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

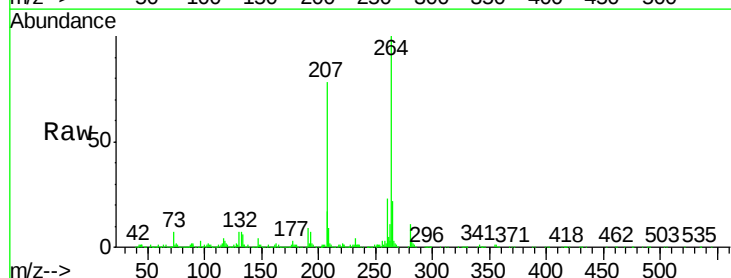
Delta R.T. -0.02 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Tgt Ion:264 Resp: 758740

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.2	18.9	28.3



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

