

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022532.D
 Acq On : 24 Jun 2016 9:42
 Operator : UM/SJ
 Sample : H3665-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 24 15:38:27 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

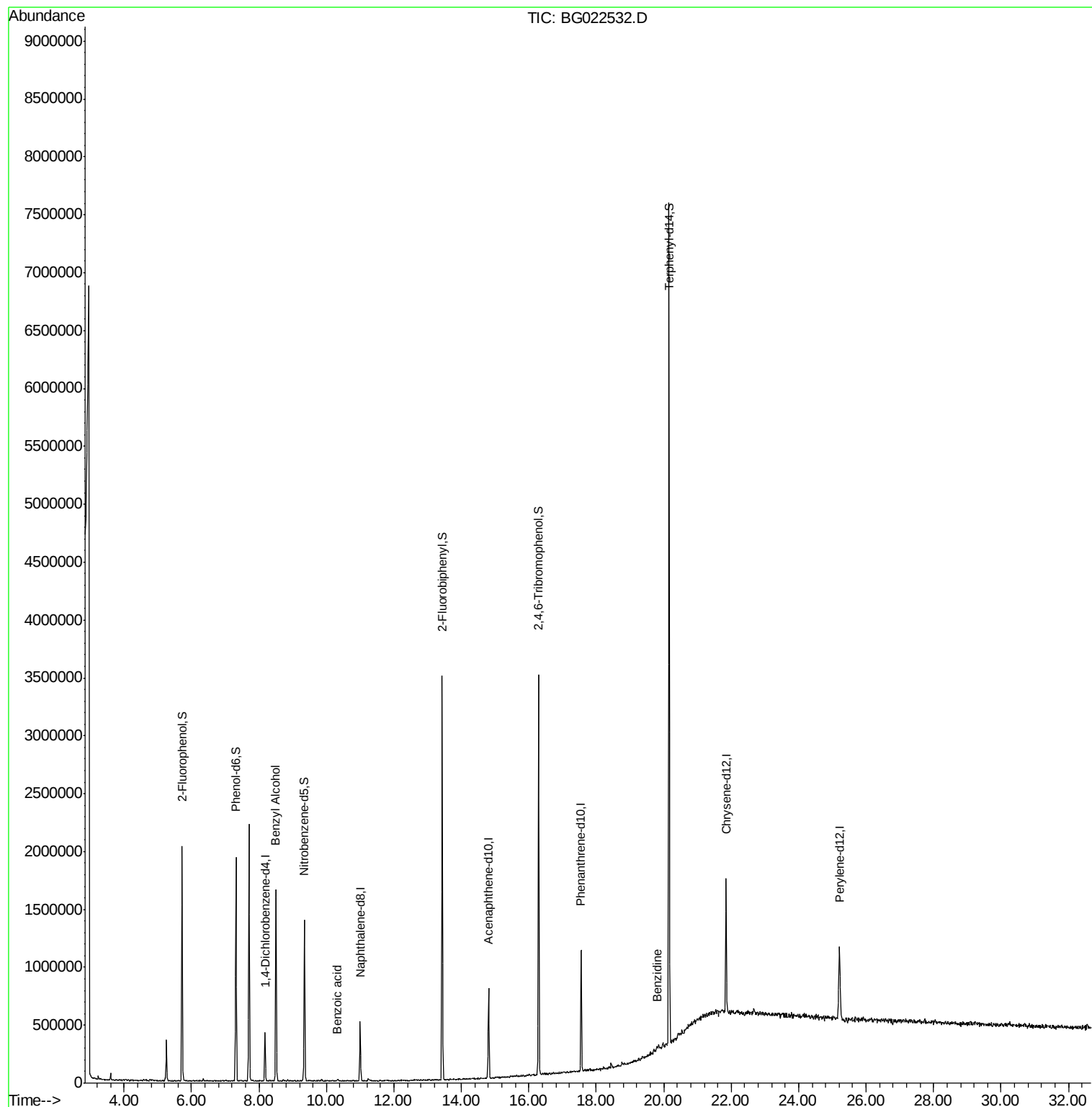
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	97375	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	386455	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	256883	20.00	ng	-0.01
63) Phenanthrene-d10	17.55	188	654160	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	746941	20.00	ng	-0.01
86) Perylene-d12	25.21	264	722803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	763663	127.00	ng	0.00
7) Phenol-d6	7.32	99	1007714	119.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	845024	93.62	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	600546	150.65	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1644785	97.73	ng	-0.01
78) Terphenyl-d14	20.16	244	2616826	110.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.50	79	20027	2.20	ng	# 70
32) Benzoic acid	10.32	122	95	3.89	ng	# 64
53) 2,4-Dinitrophenol	14.89	184	86	Below Cal		# 59
64) 4,6-Dinitro-2-methylphenol	15.94	198	80	Below Cal		# 1
73) Di-n-butylphthalate	18.51	149	2984	Below Cal		# 82
74) Fluoranthene	19.59	202	953	Below Cal		# 85
76) Benzydine	19.80	184	49259	3.38	ng	98

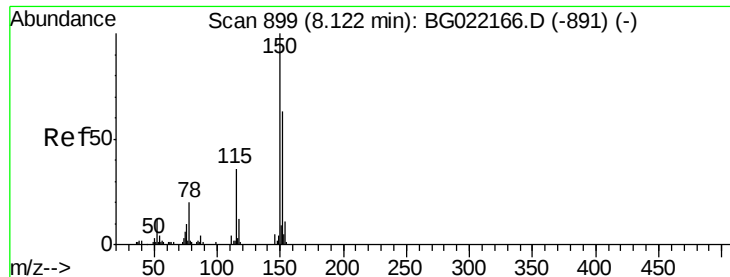
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 04:19:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

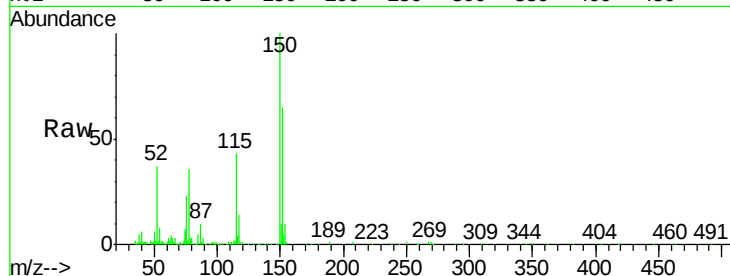
Tot Ion:152 Resp: 97375

Ion Ratio Lower Upper

152 100

150 153.9 144.7 217.1

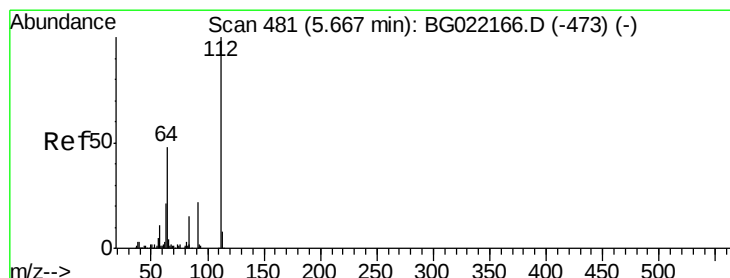
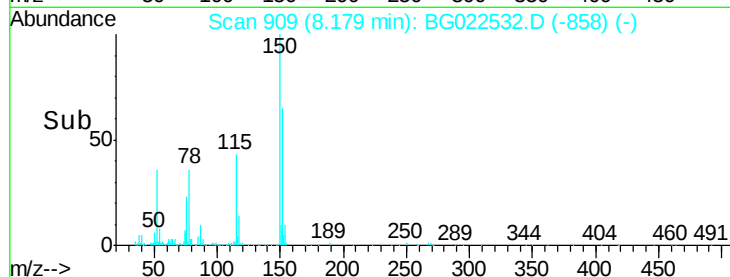
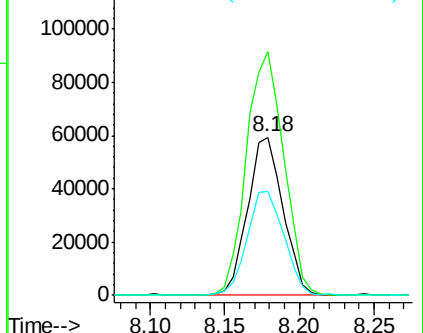
115 66.1 64.0 96.0



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: 127.00 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

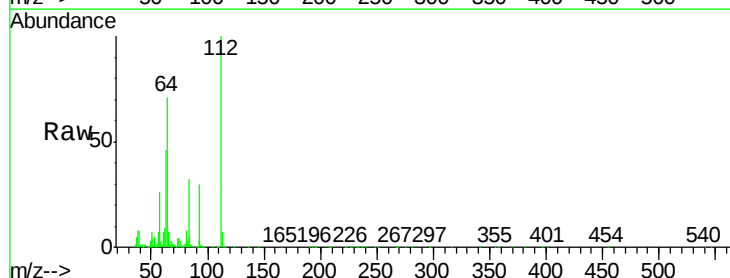
Tgt Ion:112 Resp: 763663

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

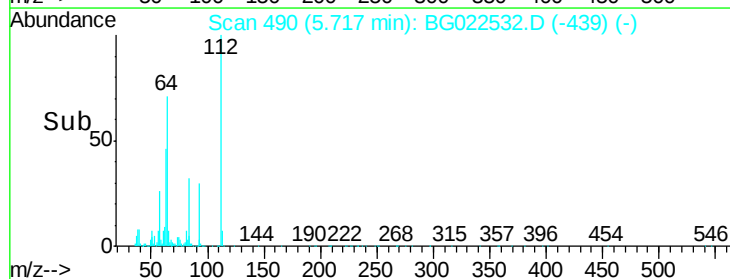
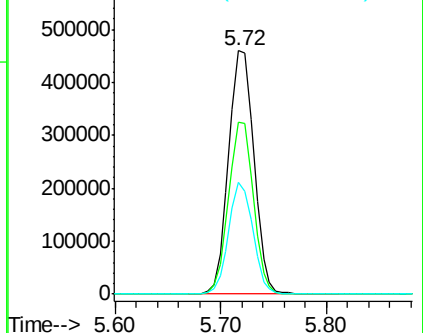
63 45.7 37.8 56.8

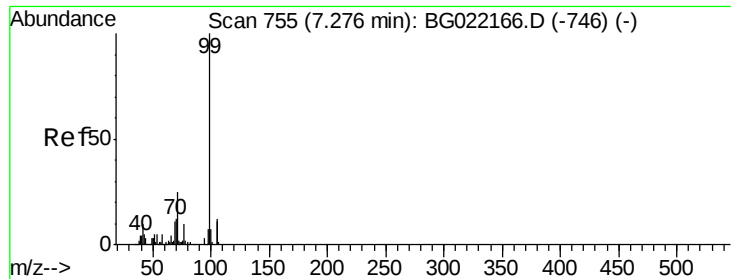


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.71 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

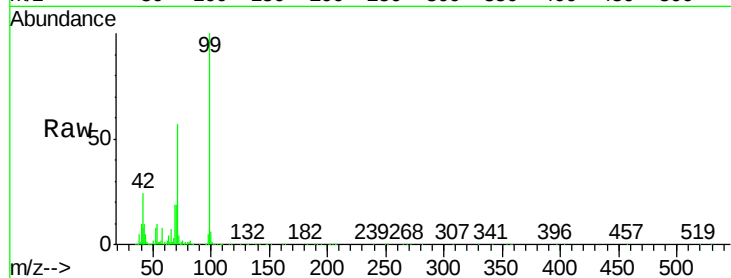
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1007714

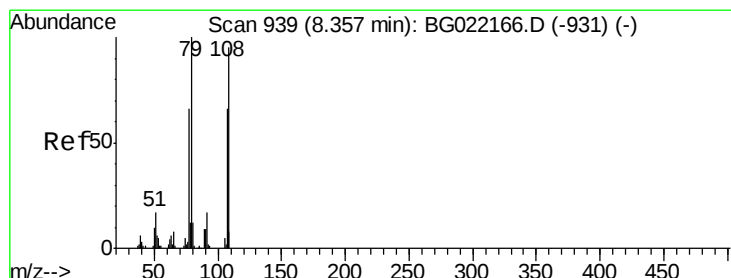
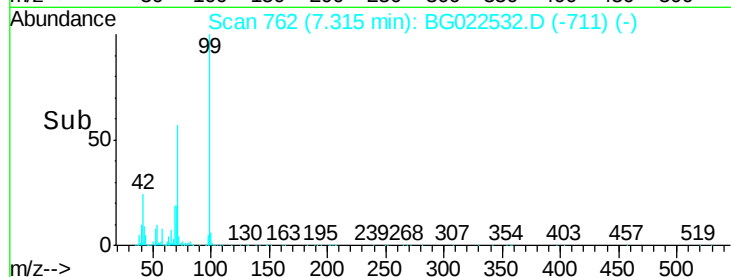
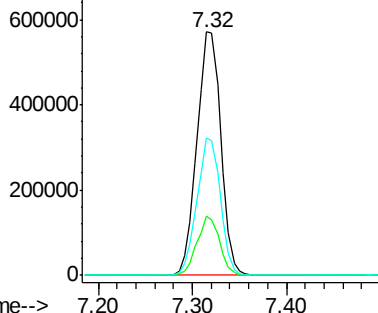
Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.8	26.6
71	56.6	41.5	62.3



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



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 8.50 min Scan# 964

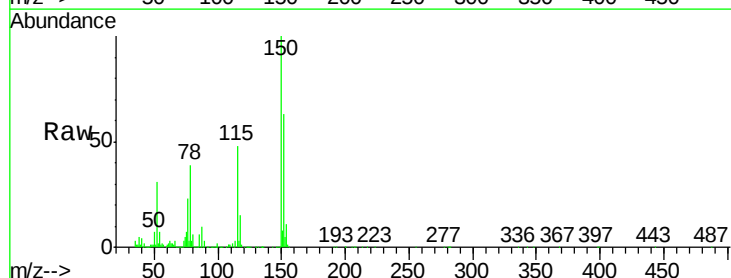
Delta R.T. 0.09 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Tgt Ion: 79 Resp: 20027

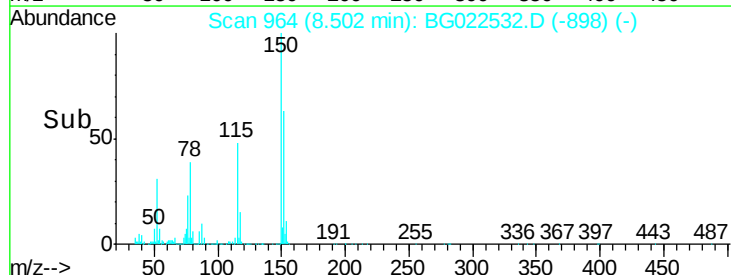
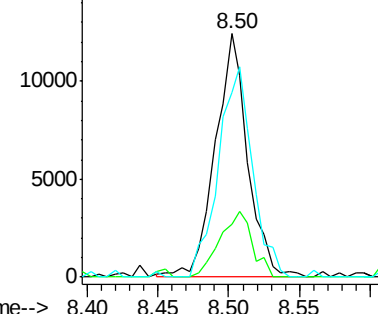
Ion	Ratio	Lower	Upper
79	100		
108	21.9	46.5	69.7#
77	75.8	52.3	78.5

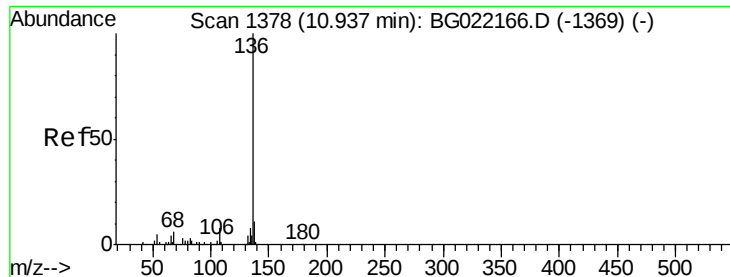


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

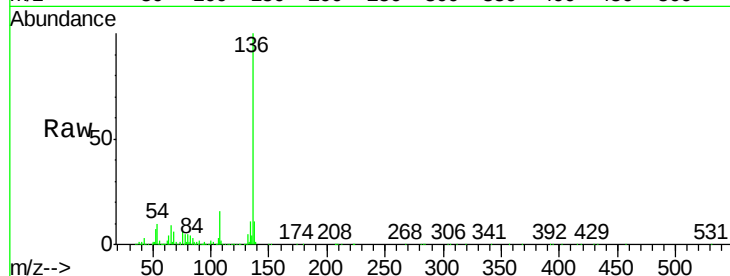




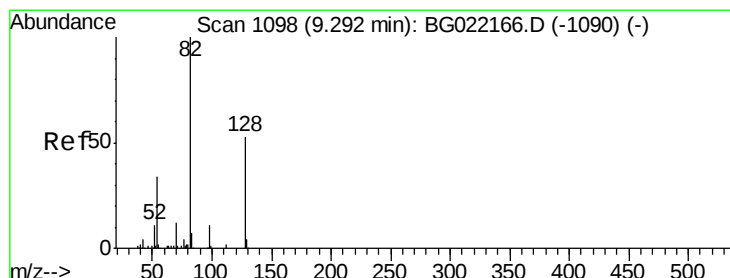
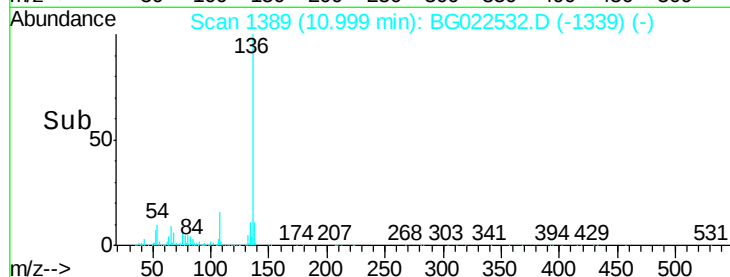
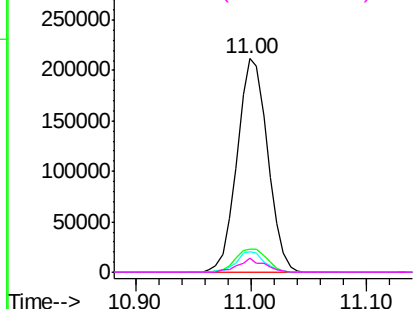
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	386455
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.6 14.4
54	9.9	7.3 10.9
68	6.3	5.3 7.9

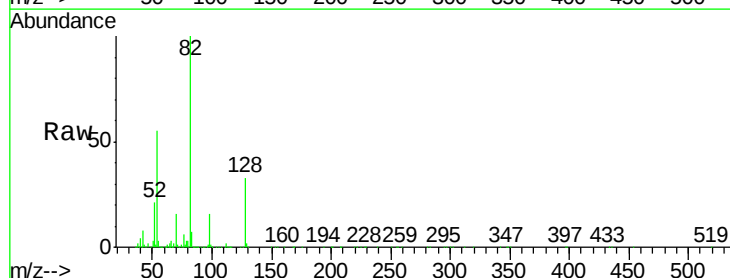


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

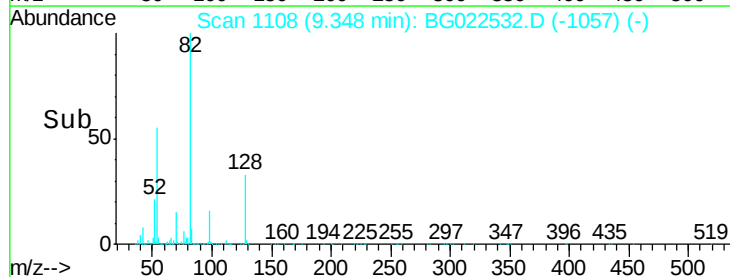
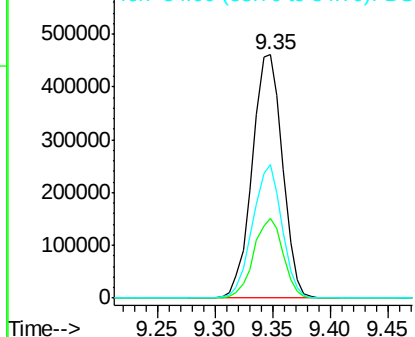


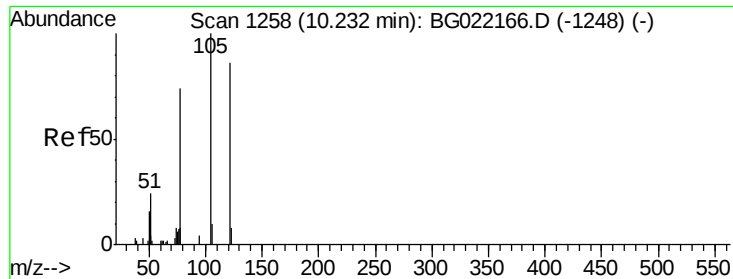
#23
Nitrobenzene-d5
Concen: 93.62 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Tgt Ion: 82	Resp:	845024
Ion	Ratio	Lower Upper
82	100	
128	33.0	24.4 36.6
54	54.8	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

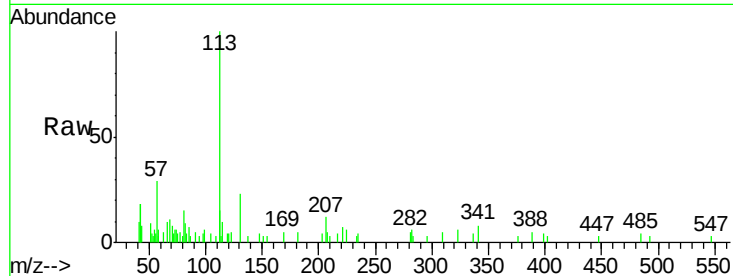




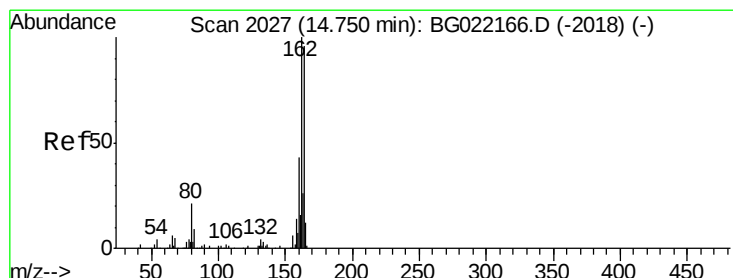
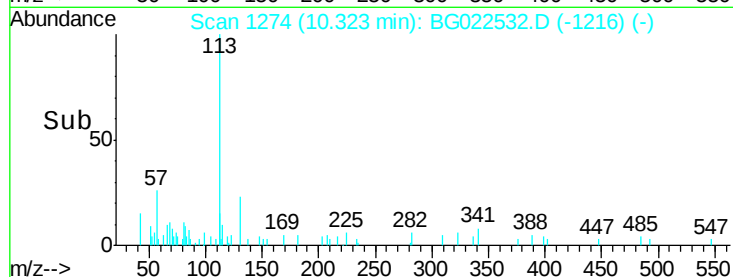
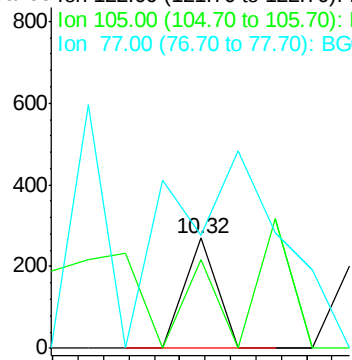
#32
Benzoic acid
Concen: 3.89 ng
RT: 10.32 min Scan# 1274
Delta R.T. 0.04 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 95
Ion Ratio Lower Upper
122 100
105 80.7 117.2 157.2#
77 101.9 109.2 149.2#

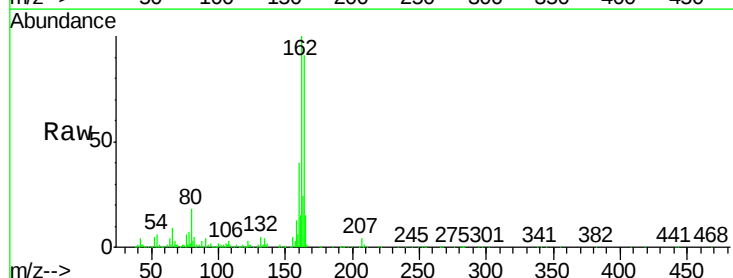


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

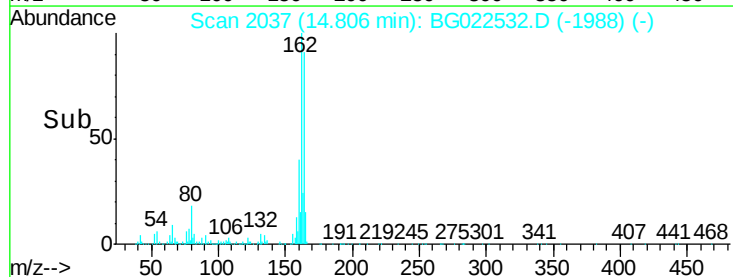
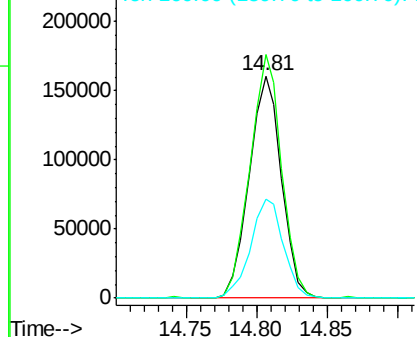


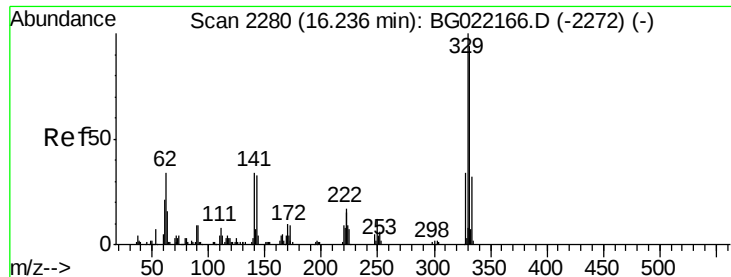
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Tgt Ion:164 Resp: 256883
Ion Ratio Lower Upper
164 100
162 109.7 87.7 131.5
160 44.3 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: 150.65 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

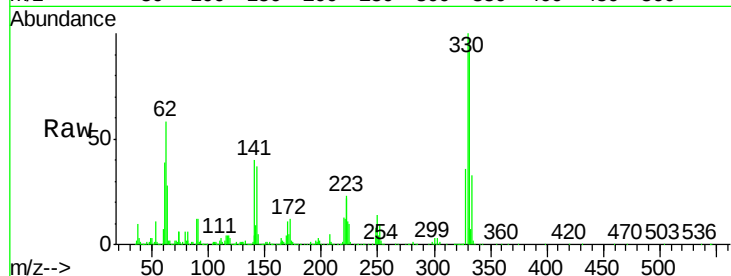
Tot Ion:330 Resp: 600546

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	40.2	31.7	47.5

330 100

332 97.7 77.4 116.2

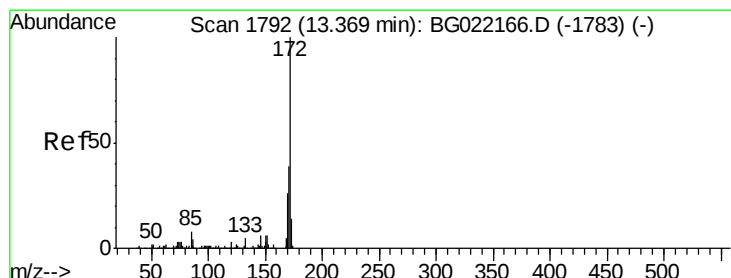
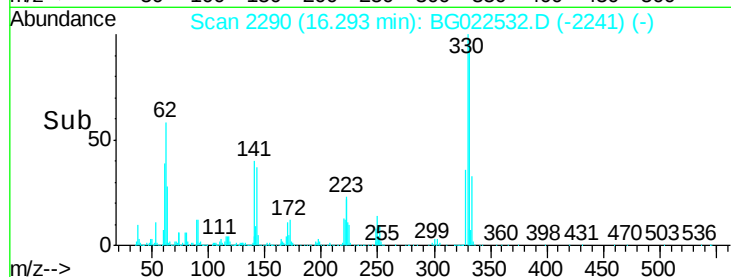
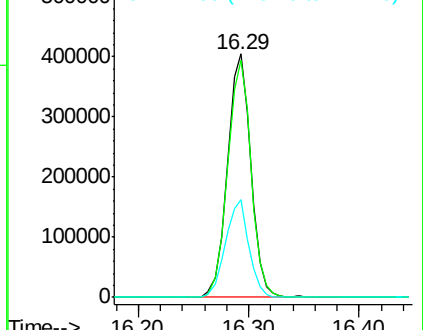
141 40.2 31.7 47.5



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: 97.73 ng

RT: 13.43 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

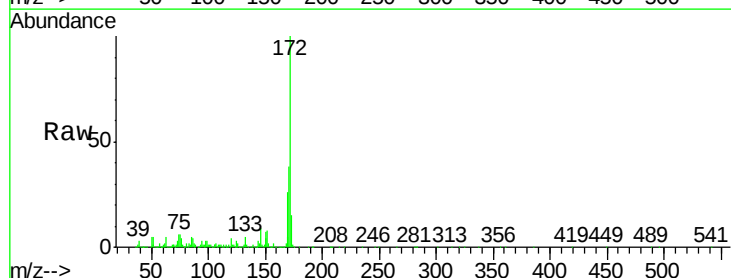
Tgt Ion:172 Resp: 1644785

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.6	47.4
170	25.7	21.3	31.9

172 100

171 37.7 31.6 47.4

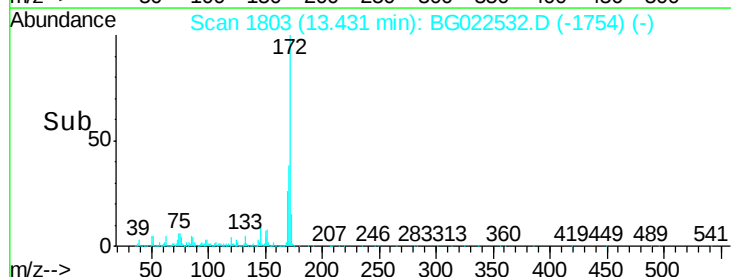
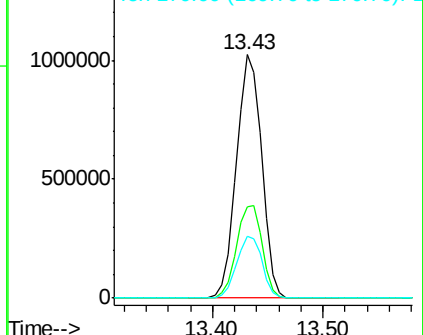
170 25.7 21.3 31.9

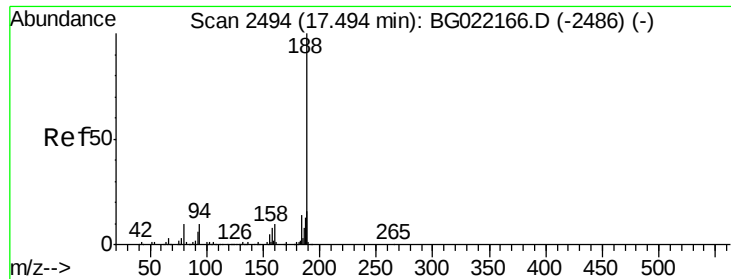


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

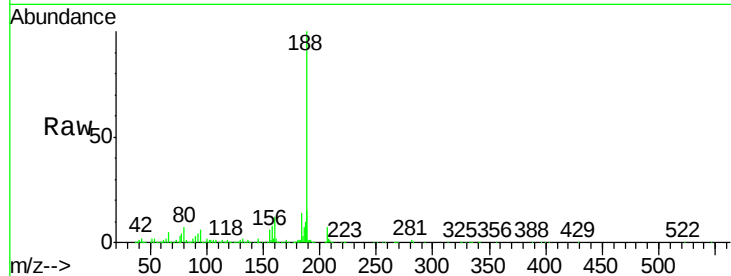
Tot Ion:188 Resp: 654160

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

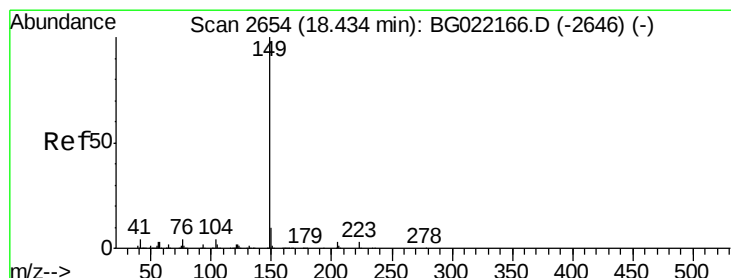
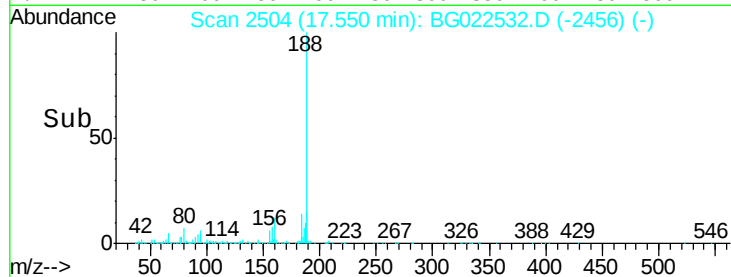
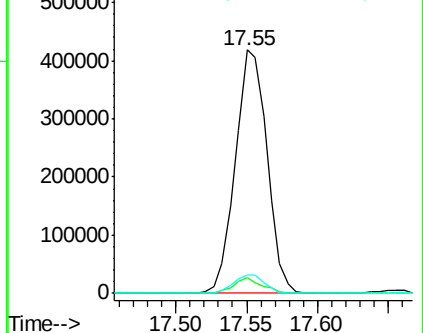
80 7.3 7.2 10.8



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.51 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

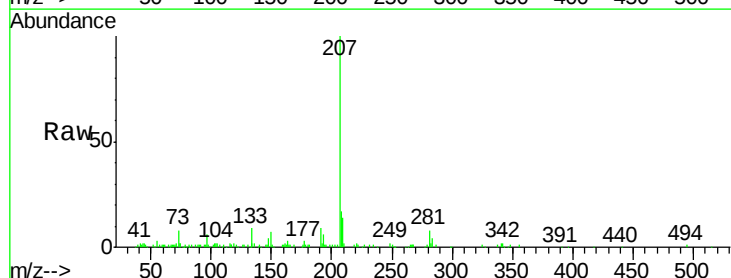
Tgt Ion:149 Resp: 2984

Ion Ratio Lower Upper

149 100

150 10.0 9.1 13.7

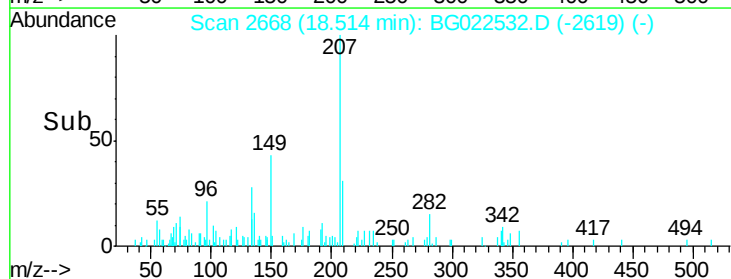
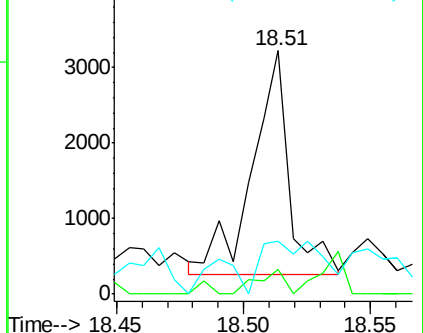
104 22.0 6.9 10.3#

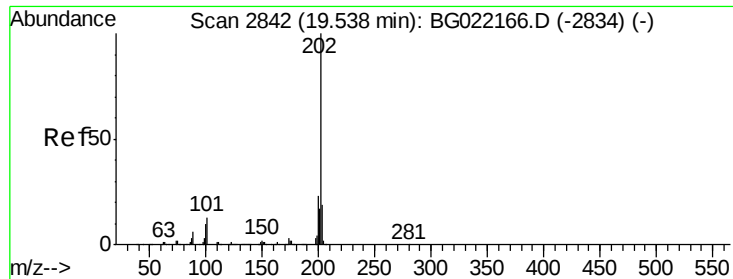


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG022532.D

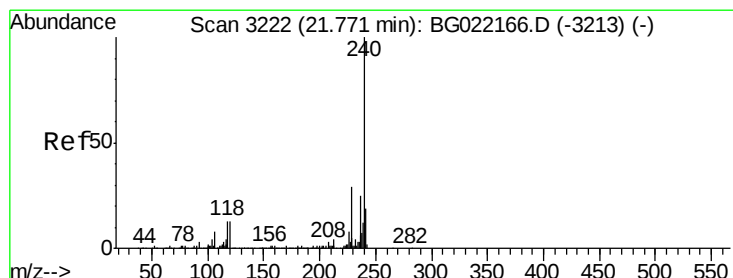
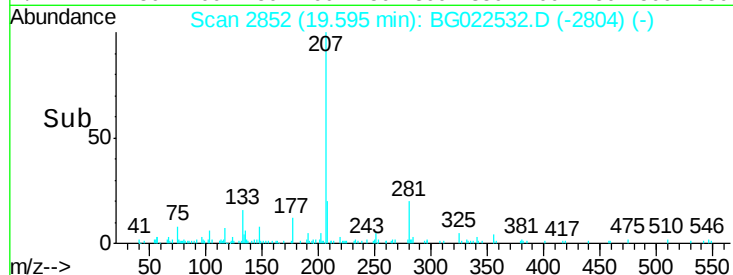
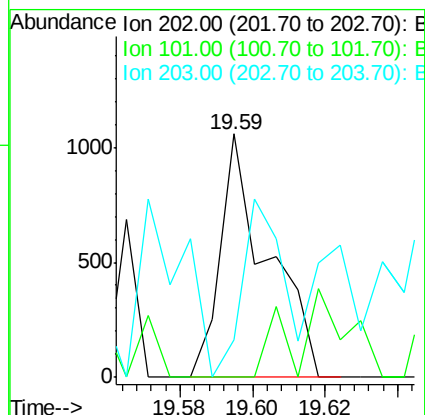
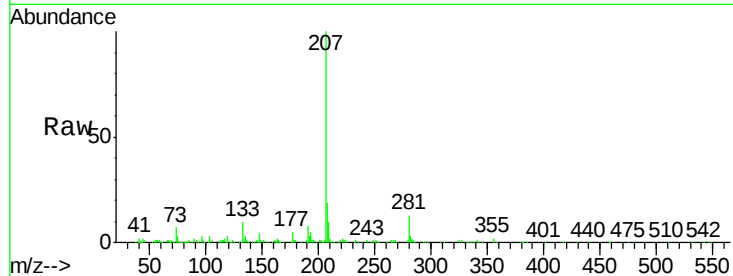
Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	953
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	15.3	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

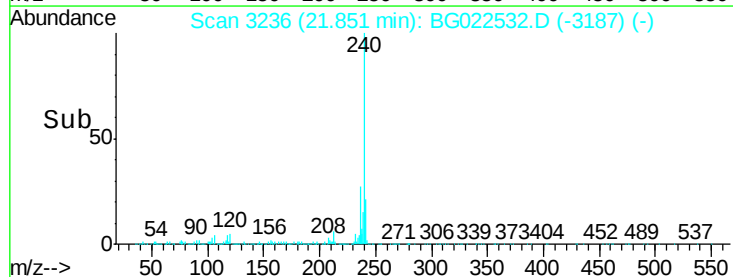
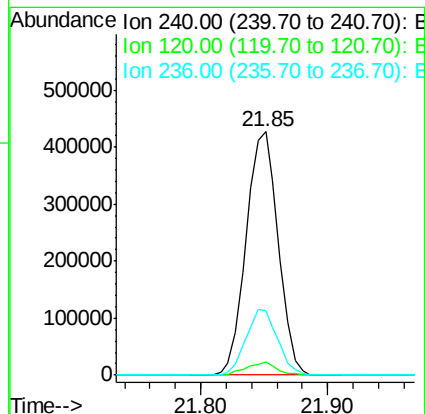
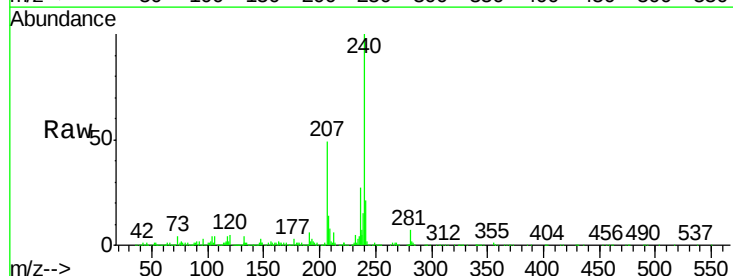
RT: 21.85 min Scan# 3236

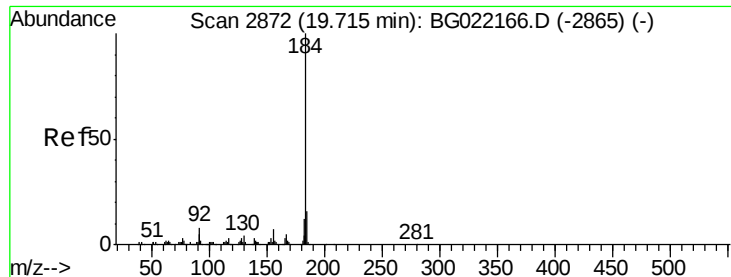
Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Tgt Ion:	240	Resp:	746941
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	26.7	21.1	31.7





#76

Benzidine

Concen: 3.38 ng

RT: 19.80 min Scan# 2887

Delta R.T. 0.02 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

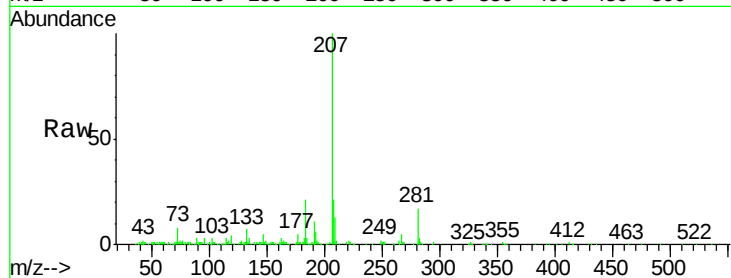
Tot Ion:184 Resp: 49259

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

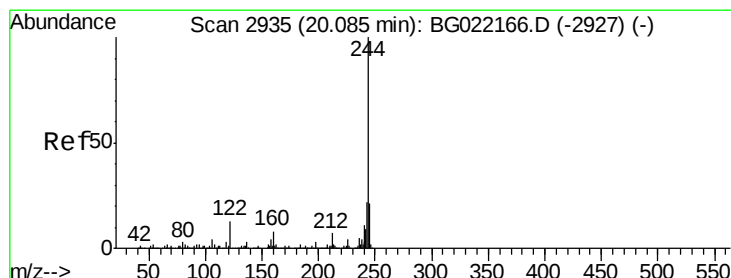
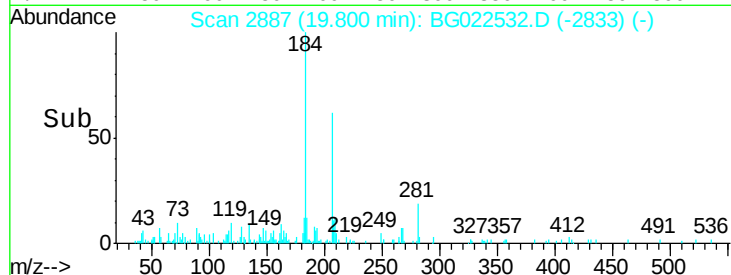
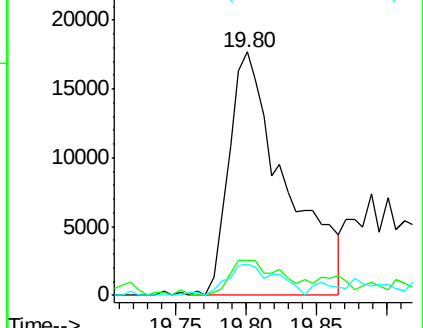
183 13.0 10.7 16.1



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: 110.96 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

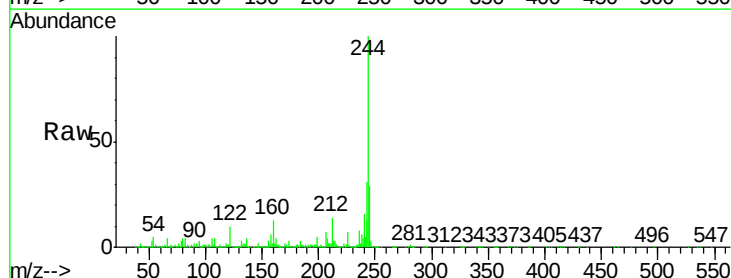
Tgt Ion:244 Resp: 2616826

Ion Ratio Lower Upper

244 100

212 14.4 10.8 16.2

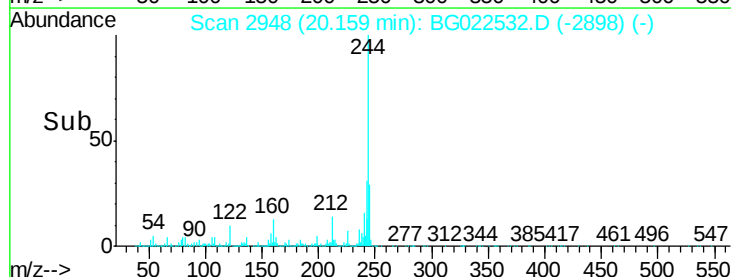
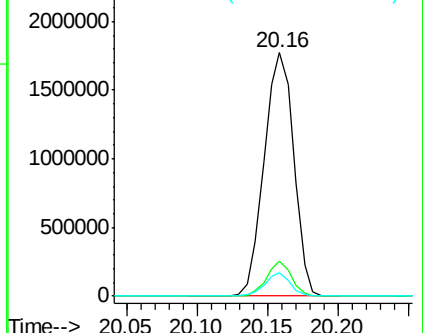
122 9.5 8.0 12.0

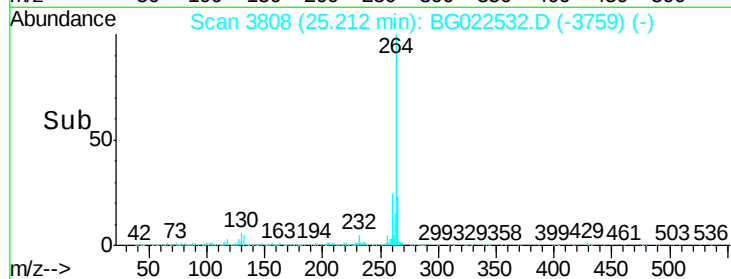
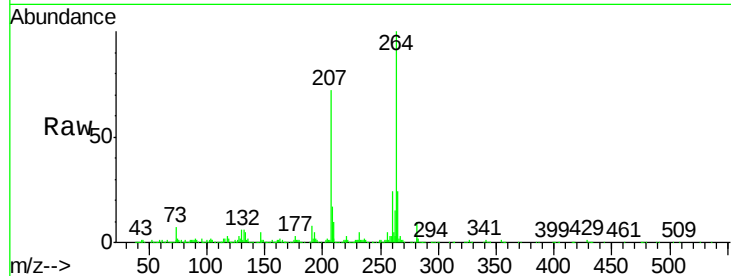
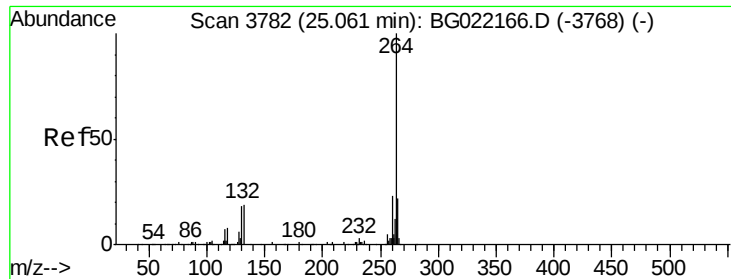


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.01 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	24.2	18.9	28.3

