

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023734.D
 Acq On : 16 Aug 2016 19:18
 Operator : UM/SJ
 Sample : PB92660BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BL

Quant Time: Aug 17 01:04:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

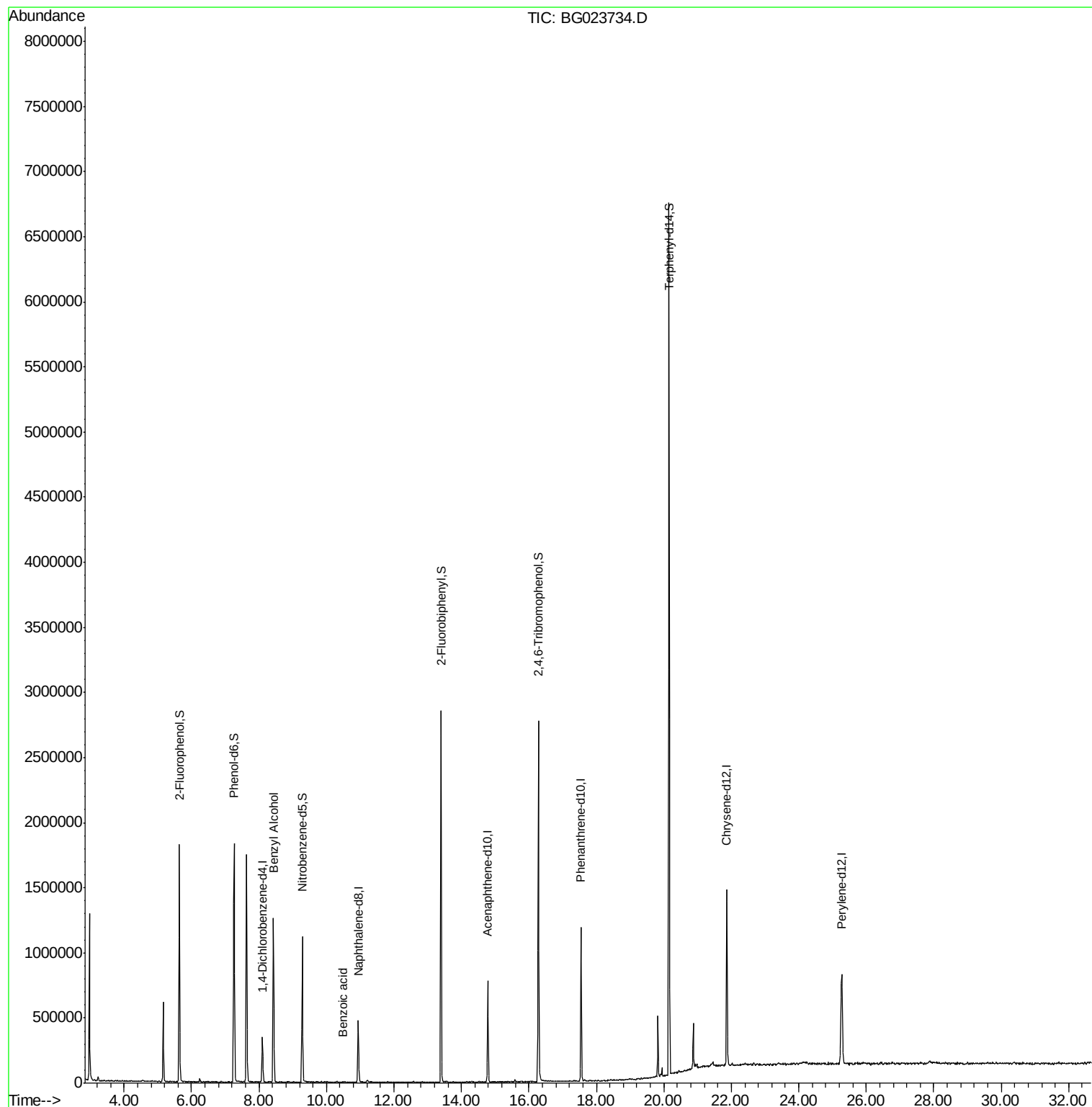
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	93127	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	391221	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	264484	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	705079	20.00	ng	0.00
75) Chrysene-d12	21.87	240	842919	20.00	ng	0.00
86) Perylene-d12	25.28	264	816874	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	741386	134.01	ng	-0.02
7) Phenol-d6	7.26	99	1086686	126.11	ng	-0.01
23) Nitrobenzene-d5	9.28	82	723249	91.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	535626	138.46	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1430113	91.20	ng	0.00
78) Terphenyl-d14	20.16	244	2585271	99.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	2945	Below Cal	#	8
15) Benzyl Alcohol	8.43	79	13476	2.06 ng	#	50
32) Benzoic acid	10.47	122	84	6.46 ng	#	1
73) Di-n-butylphthalate	18.50	149	4160	Below Cal	#	73
74) Fluoranthene	19.61	202	948	Below Cal	#	60
77) Pyrene	19.97	202	1481	Below Cal	#	19

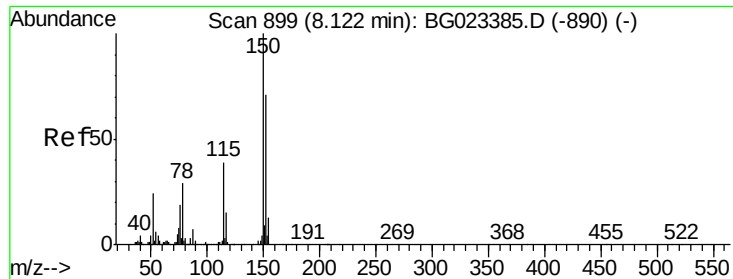
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

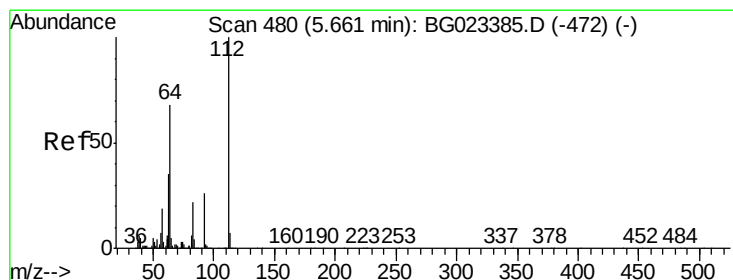
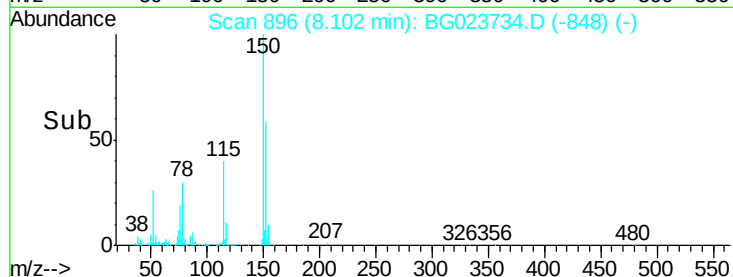
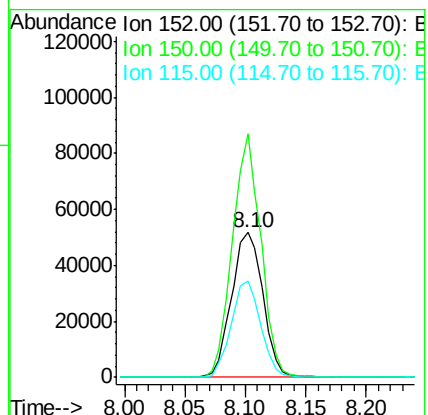
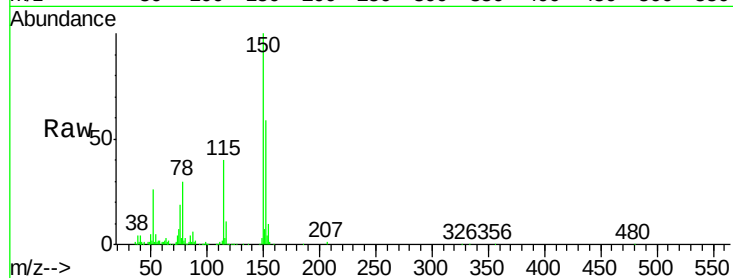
Tgt Ion:152 Resp: 93127

Ion Ratio Lower Upper

152 100

150 168.4 144.7 217.1

115 66.8 64.0 96.0



#5

2-Fluorophenol

Concen: 134.01 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

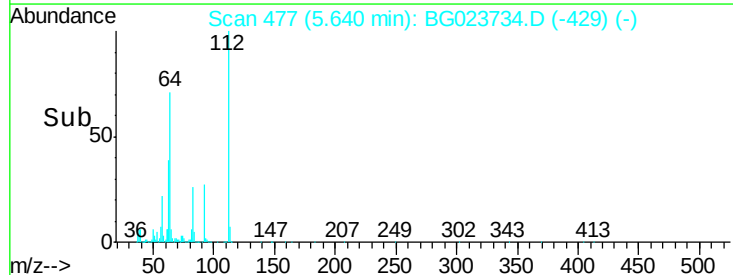
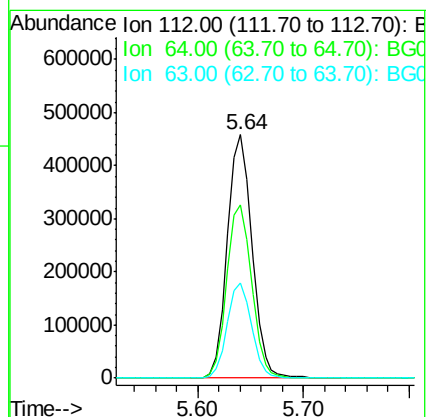
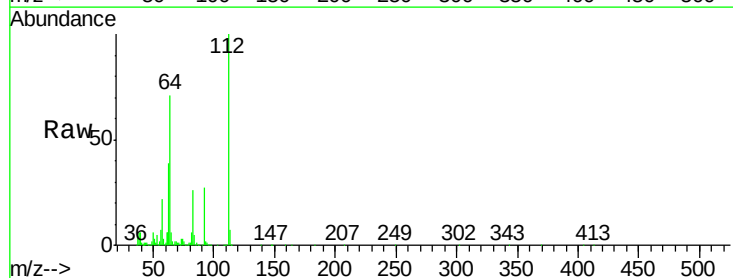
Tgt Ion:112 Resp: 741386

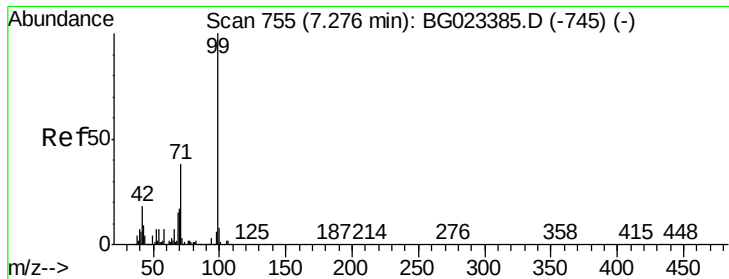
Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

63 39.0 37.8 56.8





#7

Phenol-d6

Concen: 126.11 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

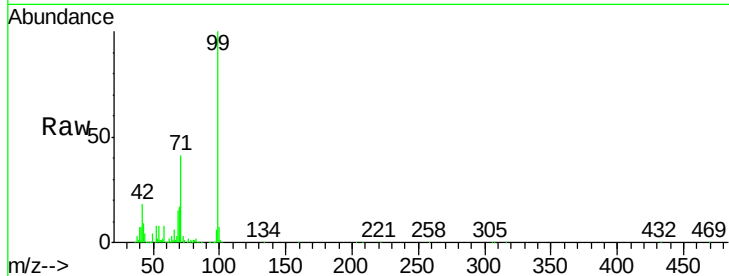
Tgt Ion: 99 Resp: 1086686

Ion Ratio Lower Upper

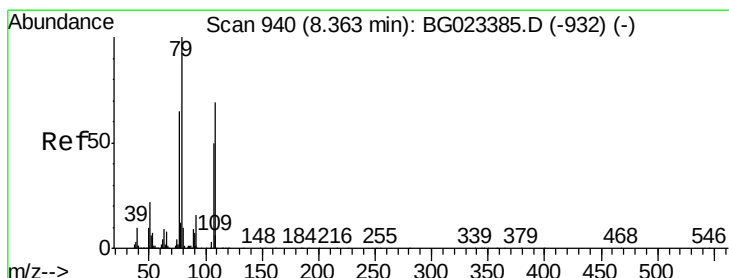
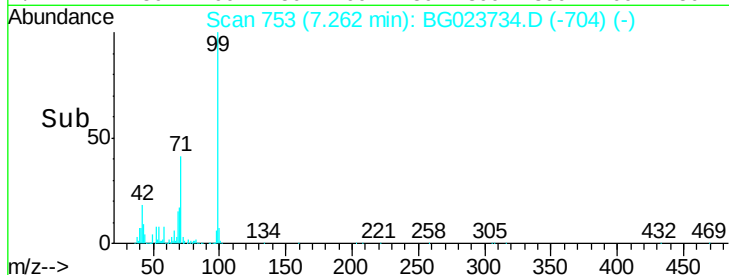
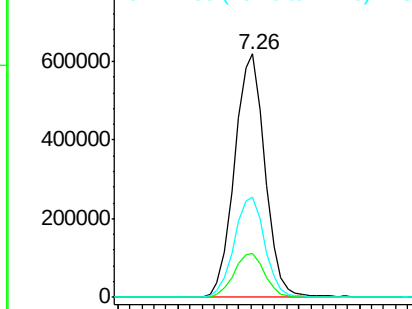
99 100

42 18.1 17.8 26.6

71 41.2 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: 2.06 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

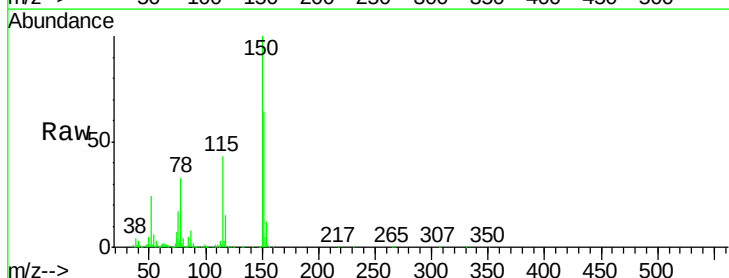
Tgt Ion: 79 Resp: 13476

Ion Ratio Lower Upper

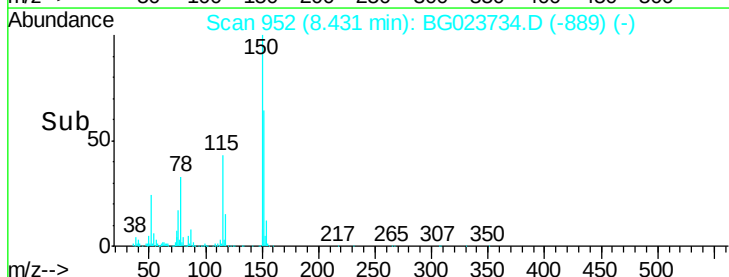
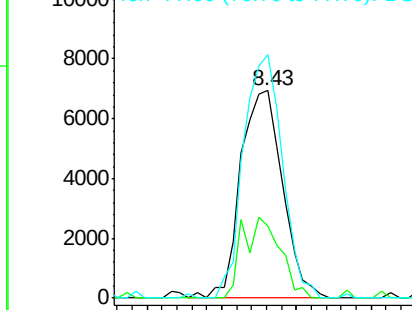
79 100

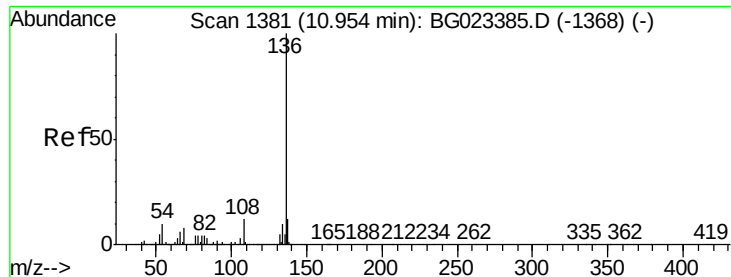
108 34.6 46.5 69.7#

77 117.3 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

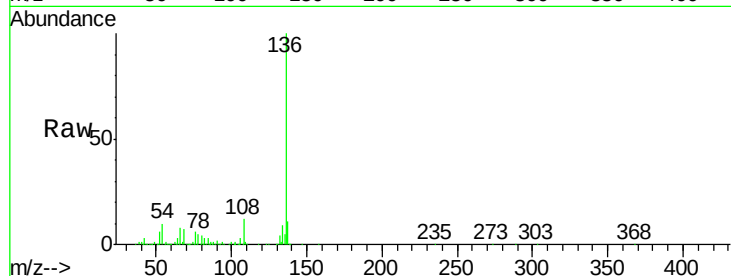




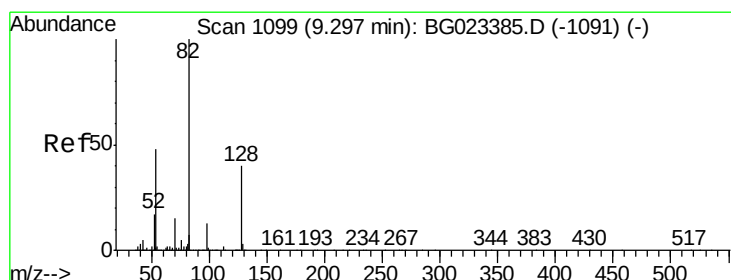
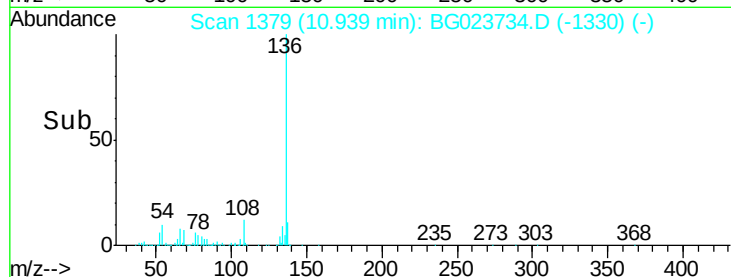
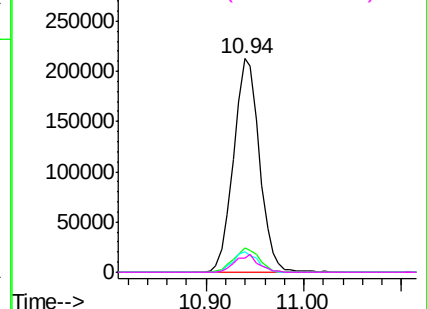
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023734.D
Acq: 16 Aug 2016 19:18

Instrument :
BNA_G
ClientSampleId :
PB92660BL

Tgt Ion:	136	Resp:	391221
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	7.3	10.9
68	6.7	5.3	7.9

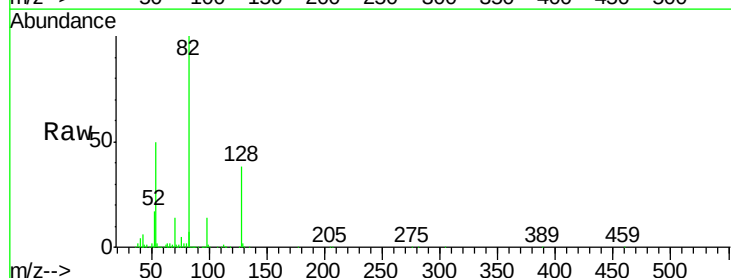


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

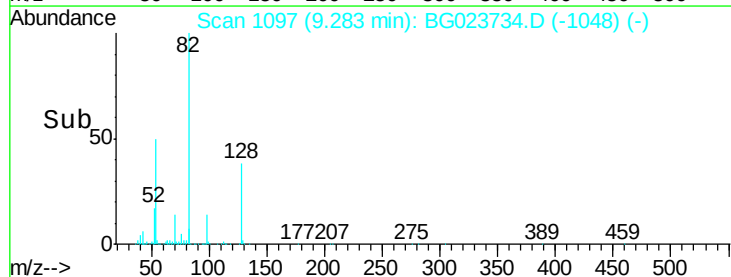
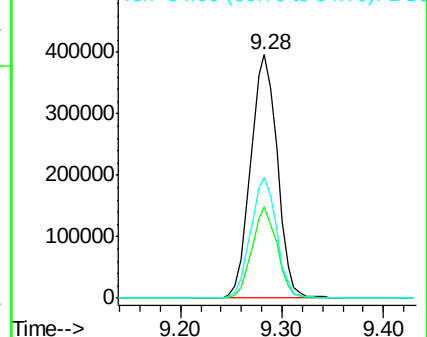


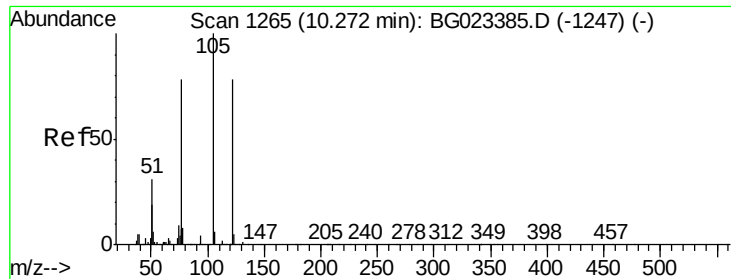
#23
Nitrobenzene-d5
Concen: 91.91 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG023734.D
Acq: 16 Aug 2016 19:18

Tgt Ion:	82	Resp:	723249
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	49.5	41.4	62.0



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





#32

Benzoic acid

Concen: 6.46 ng

RT: 10.47 min Scan# 1299

Delta R.T. 0.20 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

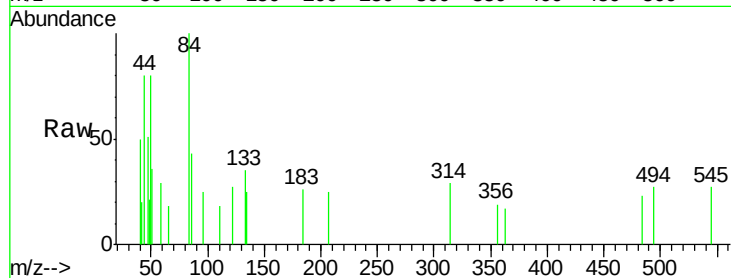
Tgt Ion:122 Resp: 84

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

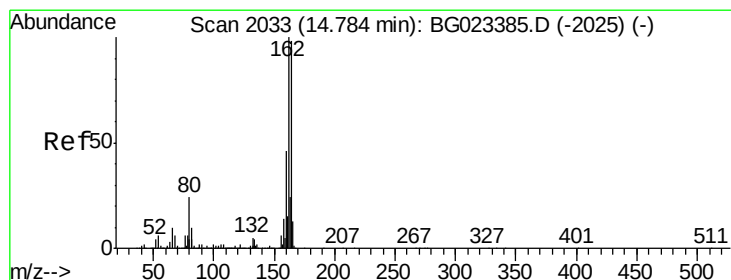
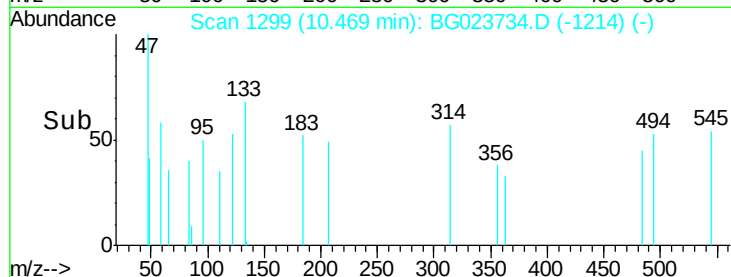
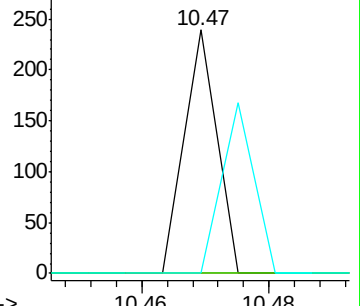
77 0.0 109.2 149.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

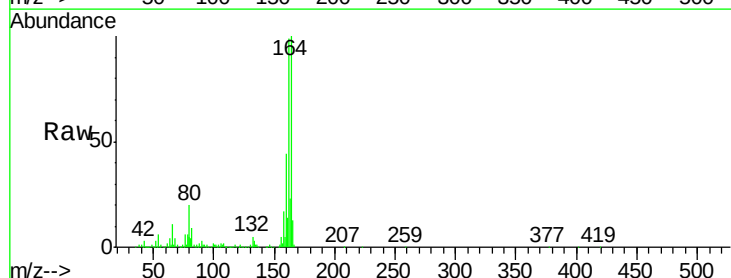
Tgt Ion:164 Resp: 264484

Ion Ratio Lower Upper

164 100

162 99.4 87.7 131.5

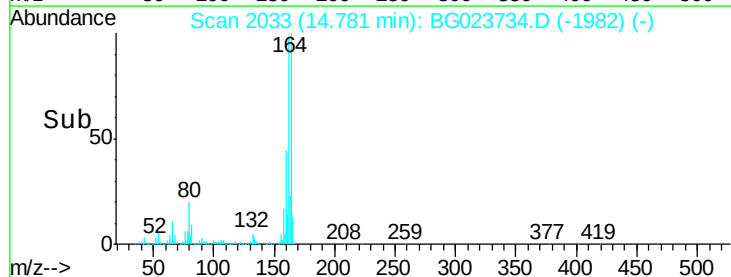
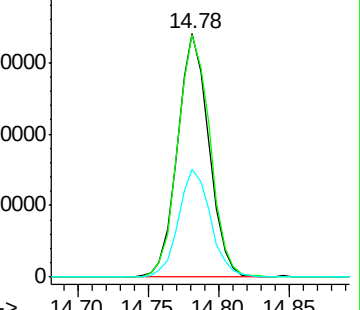
160 44.4 37.2 55.8

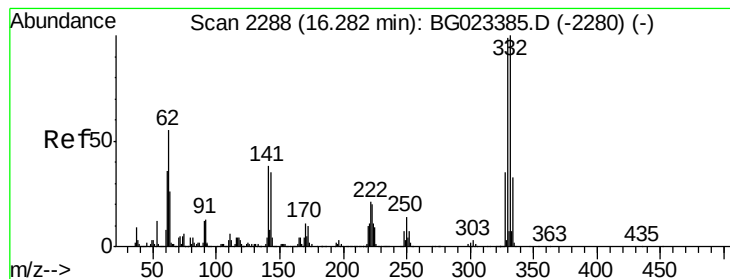


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 138.46 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

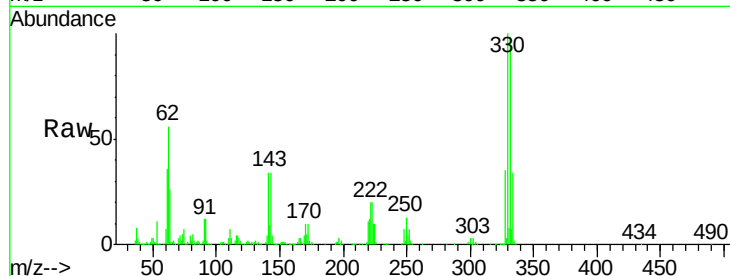
Tgt Ion:330 Resp: 535626

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

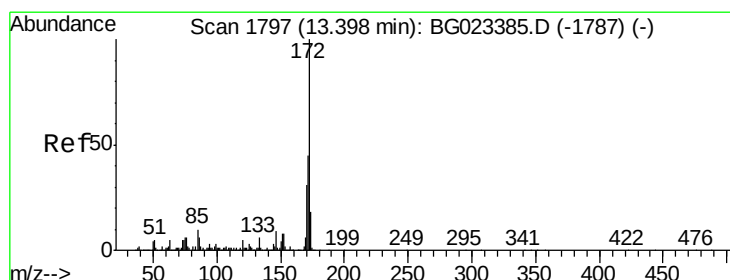
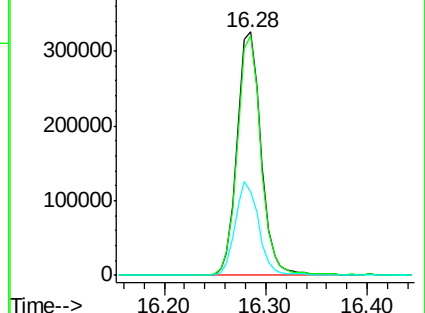
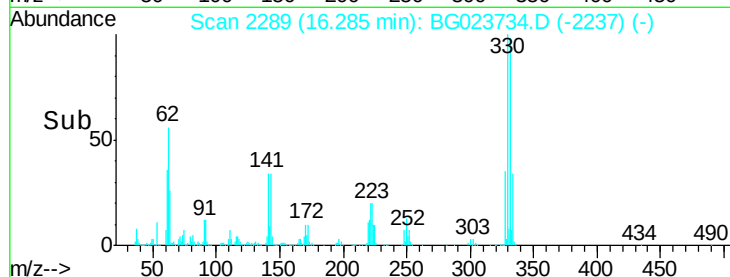
141 37.8 31.7 47.5



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: 91.20 ng

RT: 13.39 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

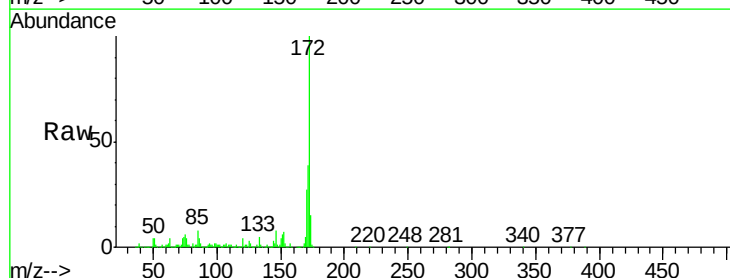
Tgt Ion:172 Resp: 1430113

Ion Ratio Lower Upper

172 100

171 39.5 31.6 47.4

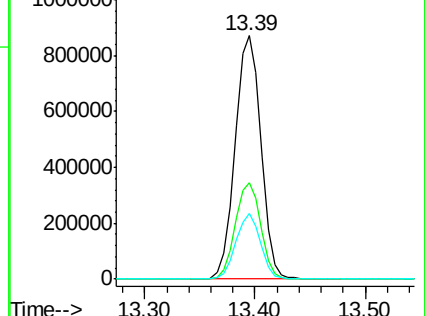
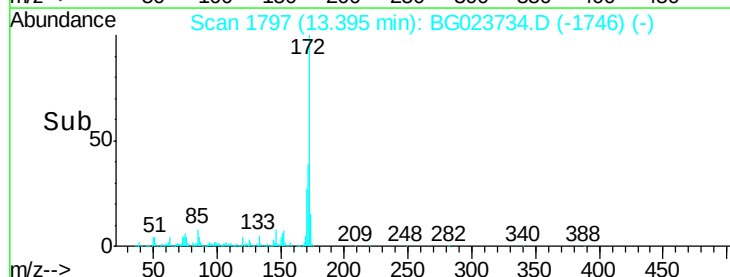
170 27.0 21.3 31.9

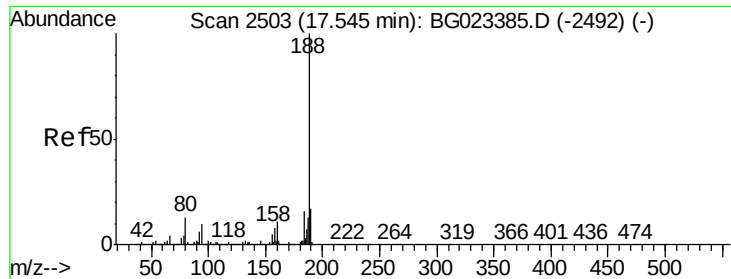


Abundance Ion 172.00 (171.70 to 172.70): E

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. 0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

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ClientSampleId :

PB92660BL

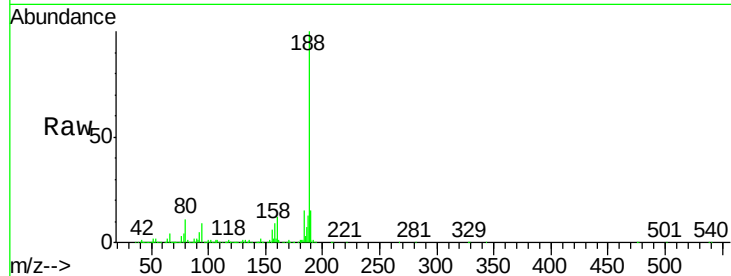
Tgt Ion:188 Resp: 705079

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

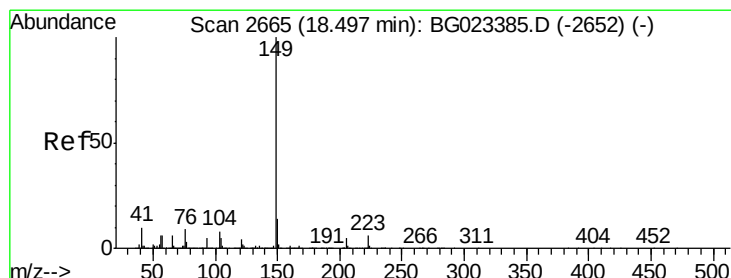
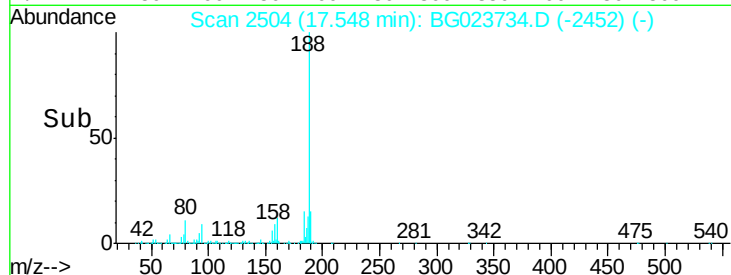
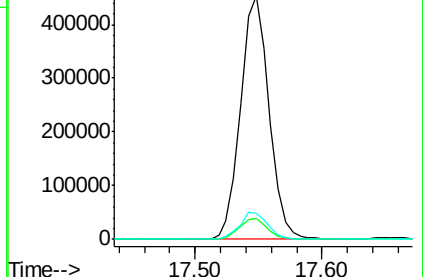
80 10.9 7.2 10.8#



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: 18.50 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

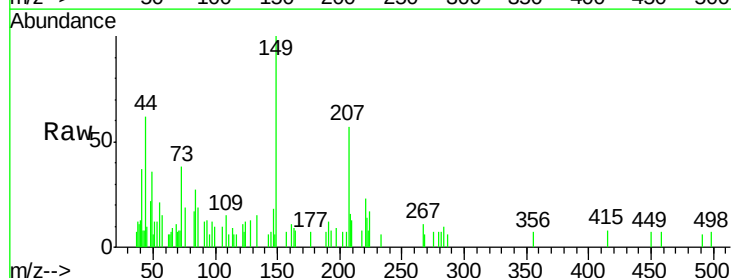
Tgt Ion:149 Resp: 4160

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

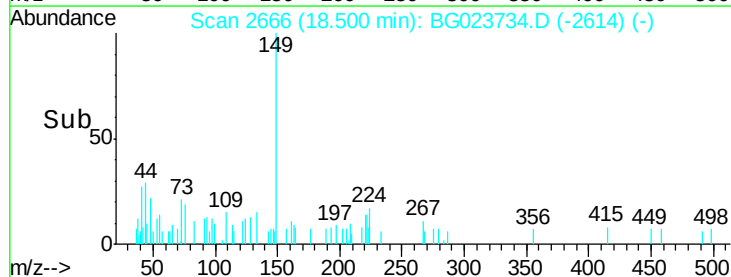
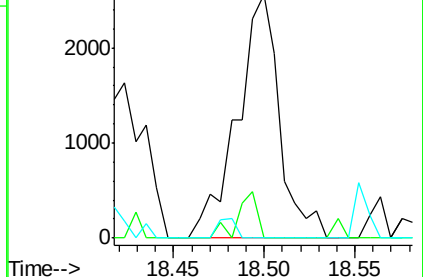
104 0.0 6.9 10.3#

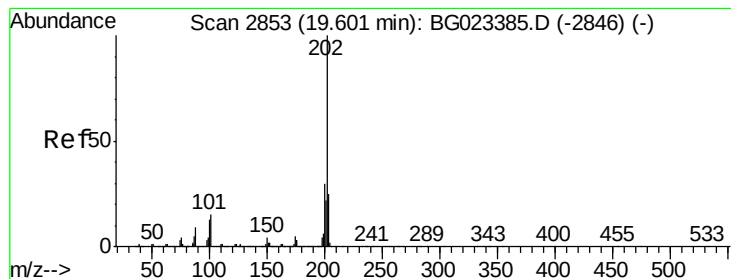


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

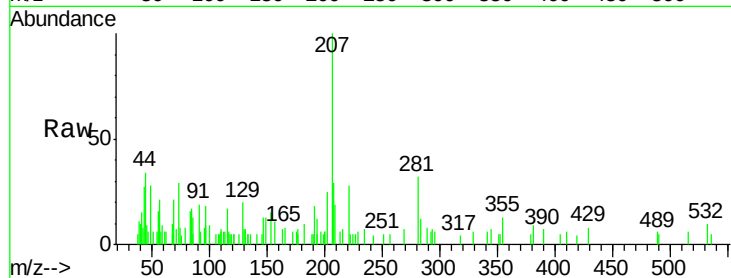
Tgt Ion:202 Resp: 948

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

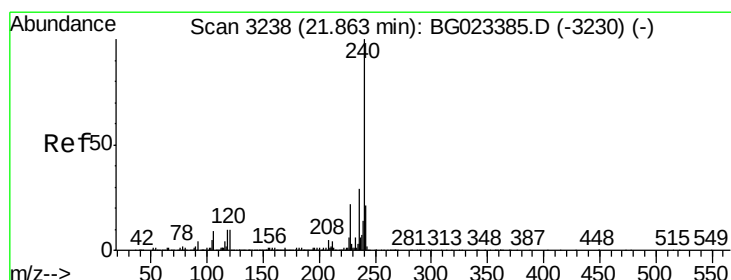
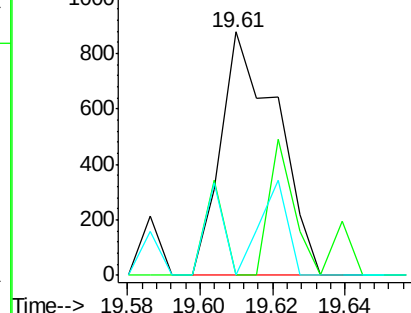
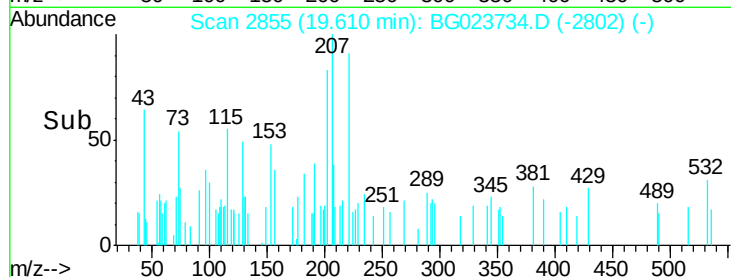
203 0.0 1.7 41.7#



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: 21.87 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

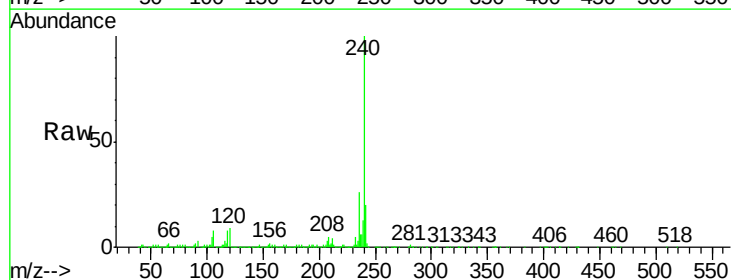
Tgt Ion:240 Resp: 842919

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

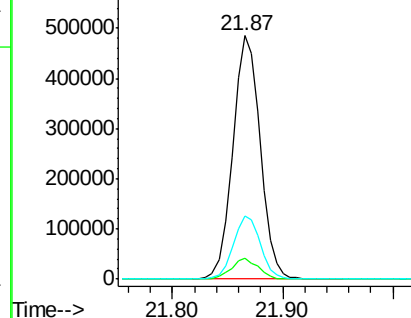
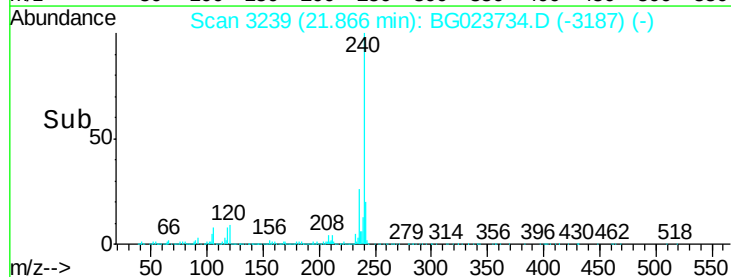
236 25.9 21.1 31.7

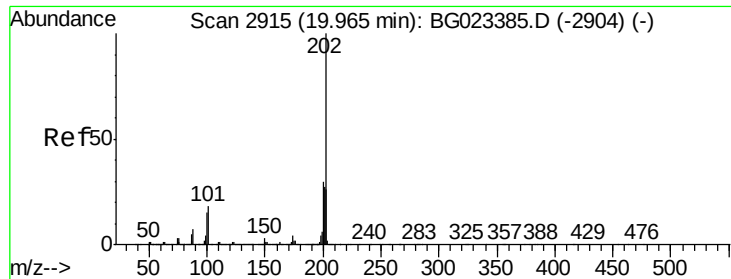


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: Below Cal

RT: 19.97 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

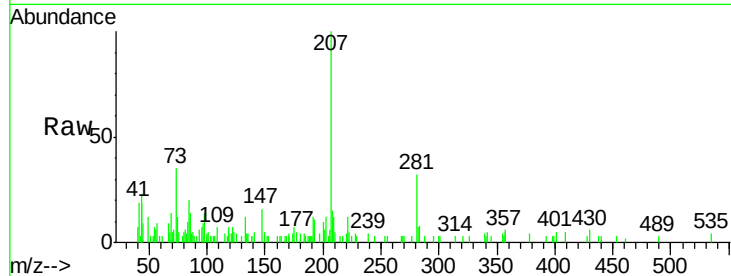
Tgt Ion:202 Resp: 1481

Ion Ratio Lower Upper

202 100

200 82.7 21.2 31.8#

203 0.0 16.8 25.2#

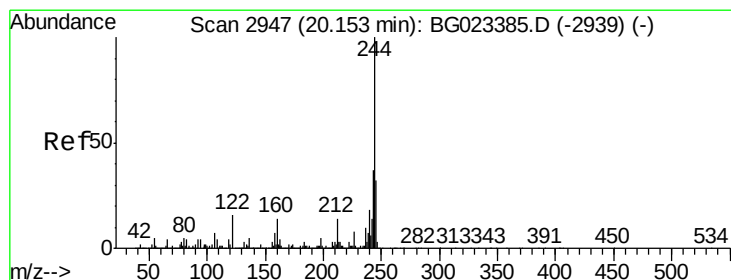
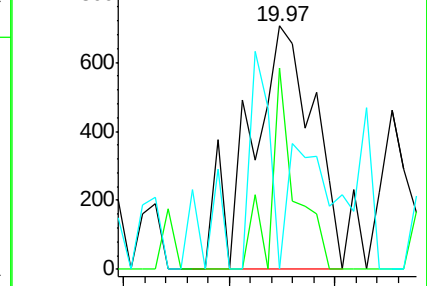
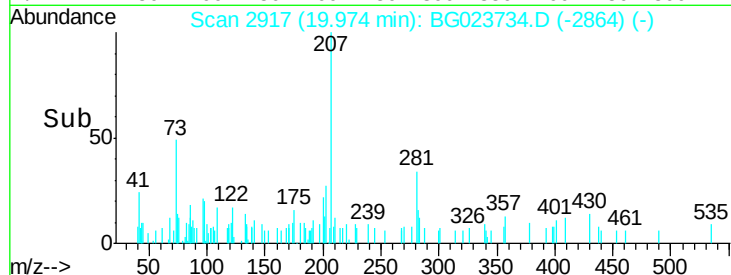


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 19.90 19.95 20.00



#78

Terphenyl-d14

Concen: 99.17 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

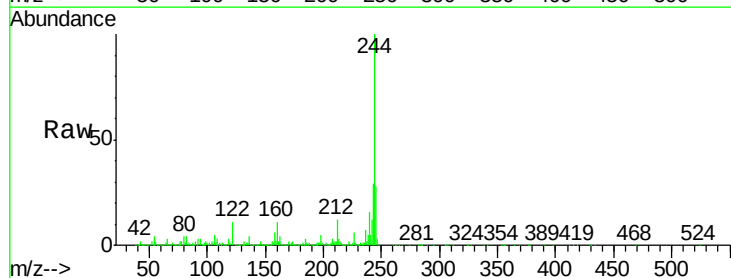
Tgt Ion:244 Resp: 2585271

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

122 11.3 8.0 12.0

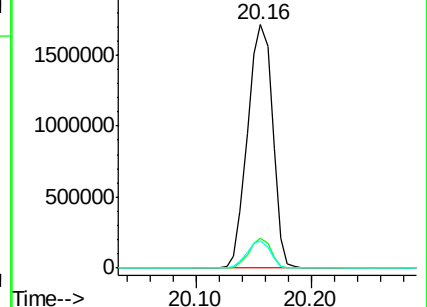
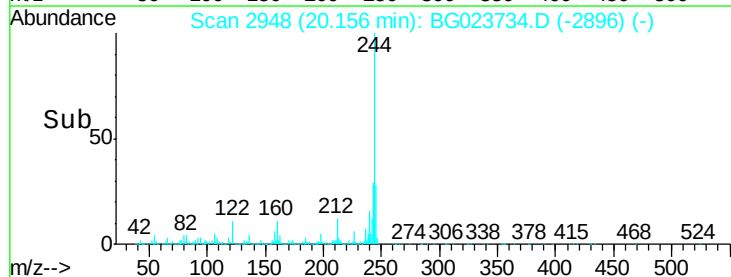


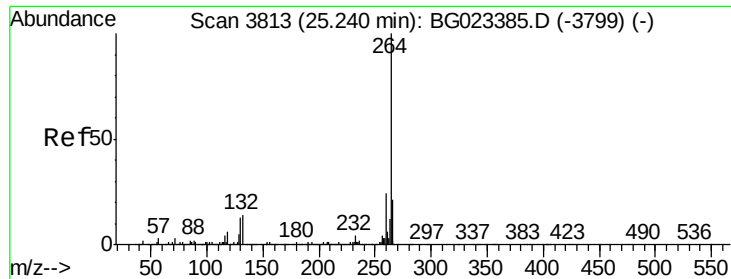
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 20.10 20.20





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. 0.04 min

Lab File: BG023734.D

Acq: 16 Aug 2016 19:18

Instrument :

BNA_G

ClientSampleId :

PB92660BL

Tgt Ion: 264 Resp: 816874

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 21.4 18.9 28.3

