

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023862.D
 Acq On : 23 Aug 2016 20:42
 Operator : UM/SJ
 Sample : H4556-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18A-GW

Quant Time: Aug 24 01:20:43 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

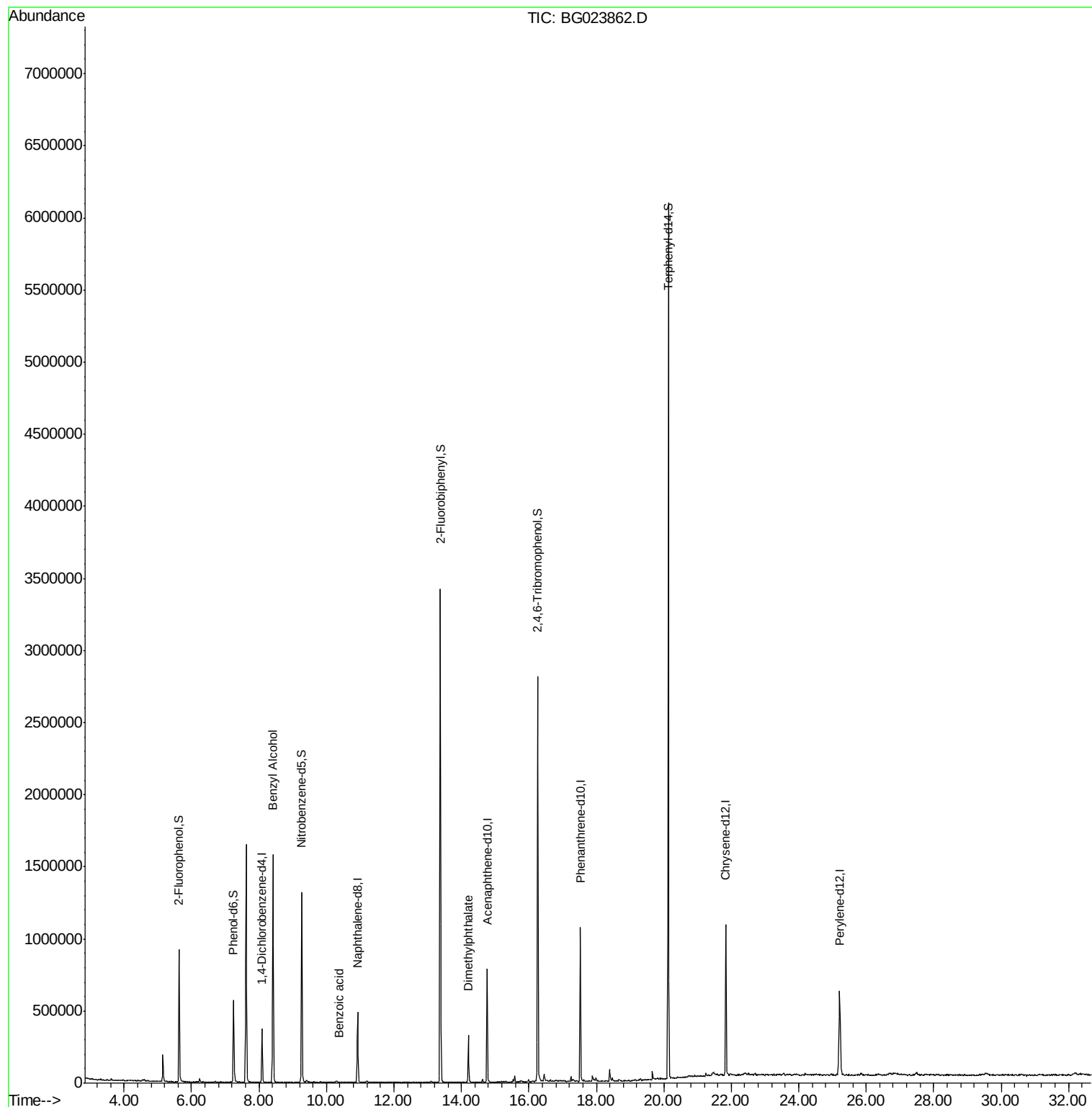
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	101543	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	410254	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	265829	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	625691	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	675465	20.00	ng	-0.02
86) Perylene-d12	25.22	264	655573	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380482	63.07	ng	-0.03
7) Phenol-d6	7.25	99	351733	37.43	ng	-0.03
23) Nitrobenzene-d5	9.27	82	856904	103.84	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	500118	128.62	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1687552	107.07	ng	-0.02
78) Terphenyl-d14	20.13	244	2363610	116.63	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.22	77	65	Below Cal	#	42
15) Benzyl Alcohol	8.41	79	16036	2.25 ng	#	60
32) Benzoic acid	10.37	122	118	6.46 ng	#	1
49) Dimethylphthalate	14.21	163	206499	10.12 ng		99
73) Di-n-butylphthalate	18.47	149	11862	Below Cal	#	89
74) Fluoranthene	19.57	202	59	Below Cal	#	1
77) Pyrene	19.95	202	429	Below Cal	#	59

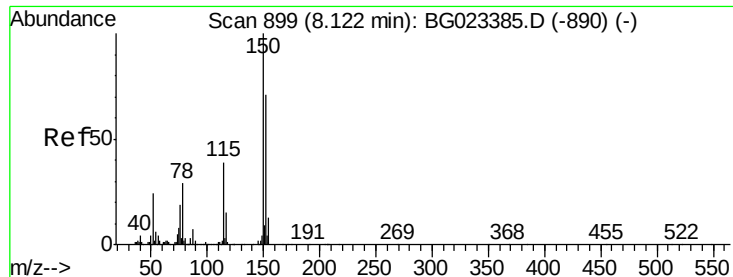
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

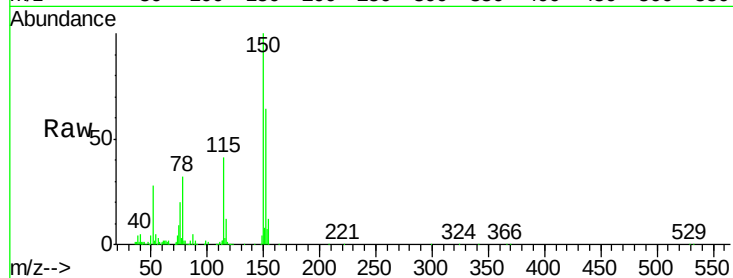
Tgt Ion:152 Resp: 101543

Ion Ratio Lower Upper

152 100

150 156.4 144.7 217.1

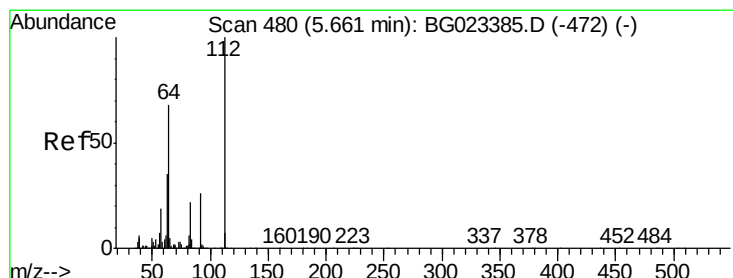
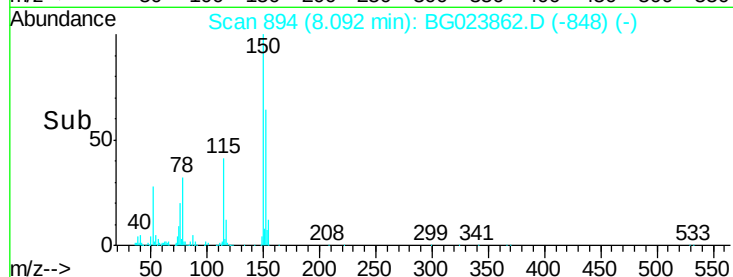
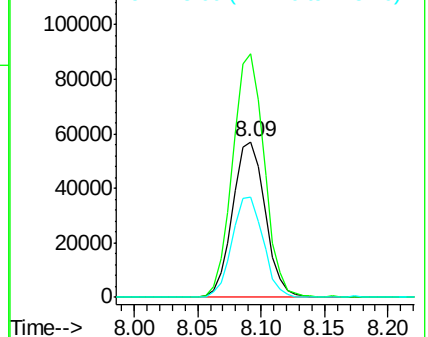
115 64.8 64.0 96.0



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: 63.07 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

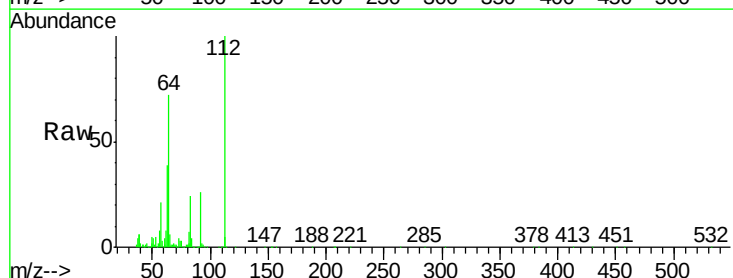
Tgt Ion:112 Resp: 380482

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

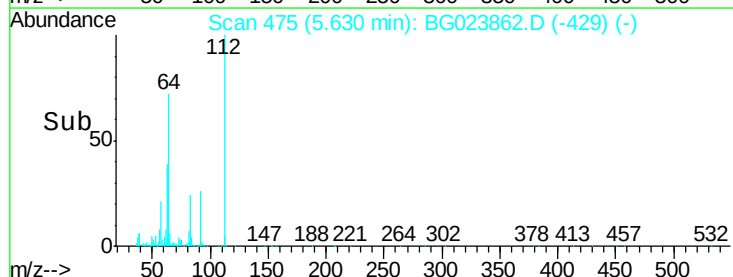
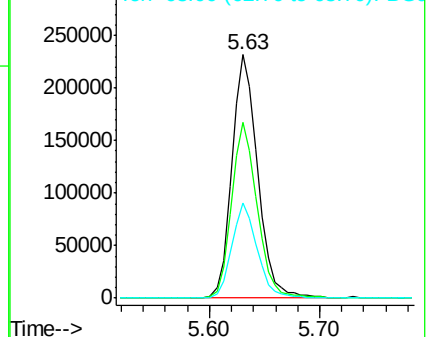
63 38.8 37.8 56.8

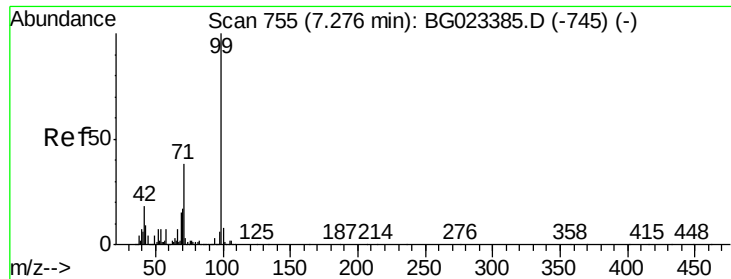


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.43 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

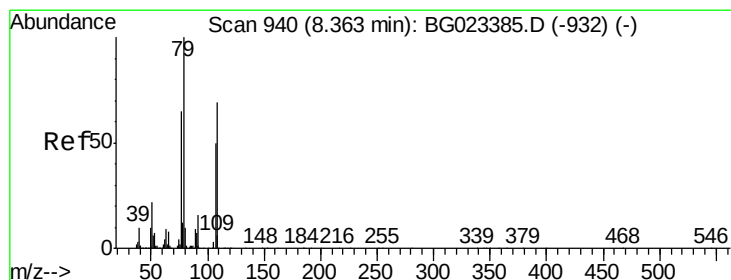
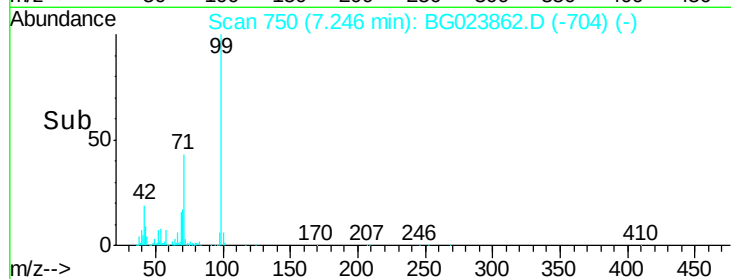
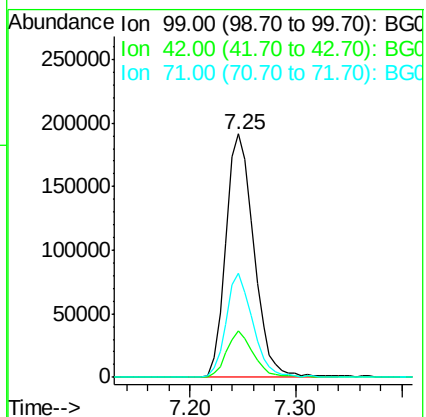
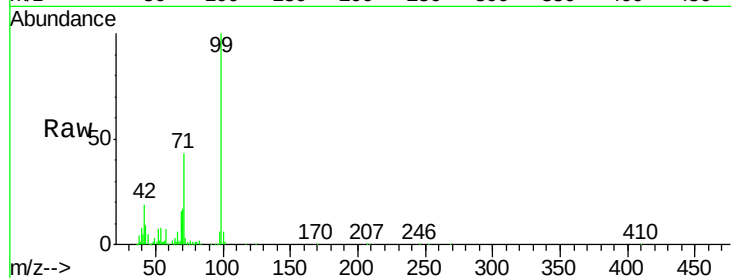
Tgt Ion: 99 Resp: 351733

Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

71 42.9 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.05 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

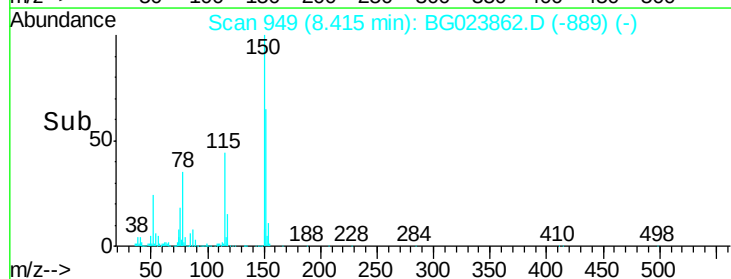
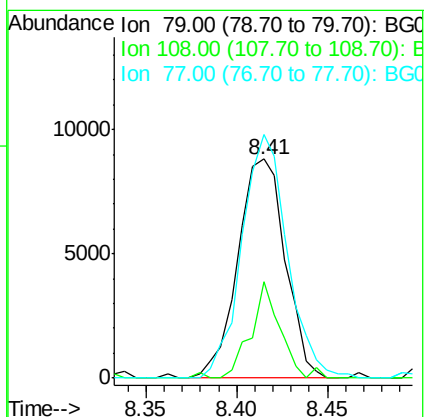
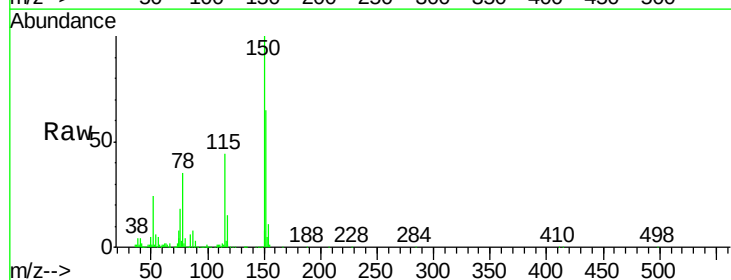
Tgt Ion: 79 Resp: 16036

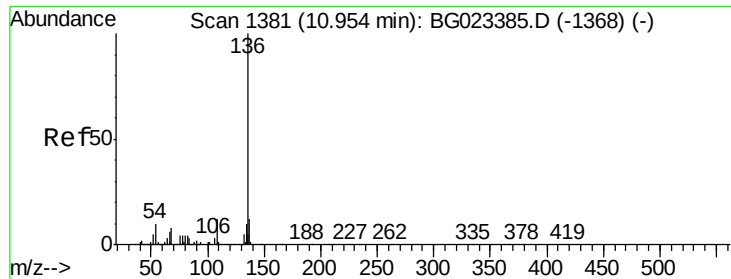
Ion Ratio Lower Upper

79 100

108 43.8 46.5 69.7#

77 111.1 52.3 78.5#

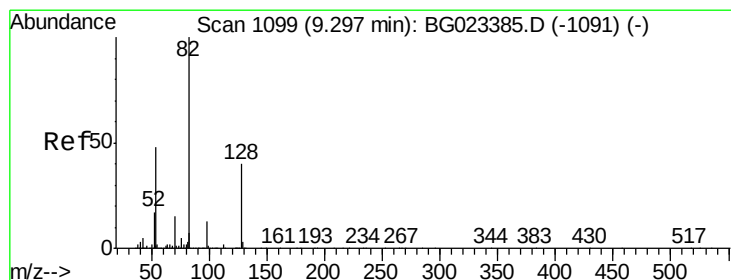
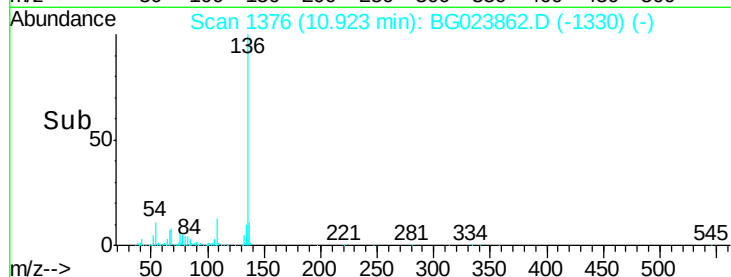
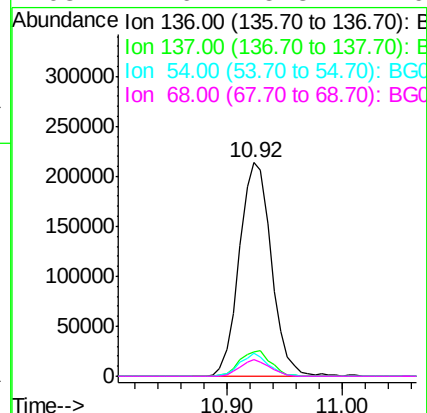
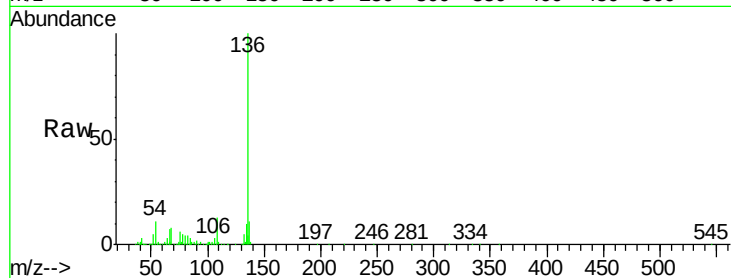




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023862.D
Acq: 23 Aug 2016 20:42

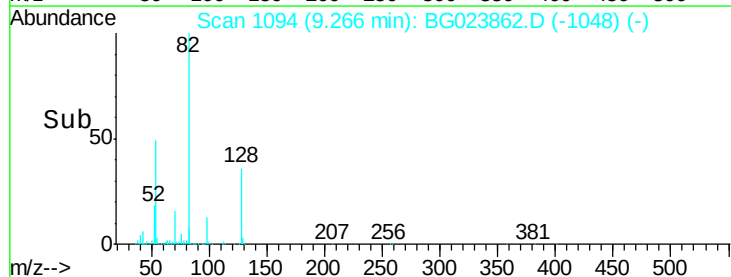
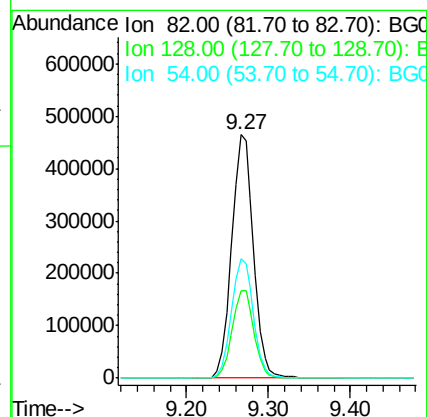
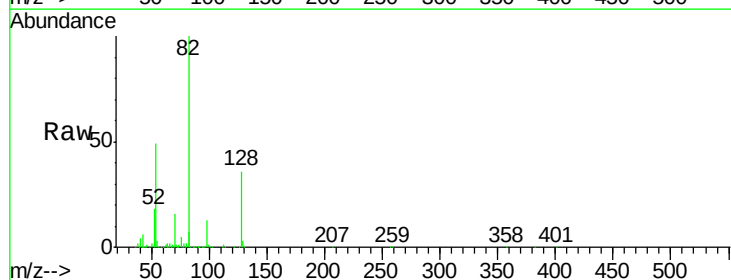
Instrument :
BNA_G
ClientSampleId :
SB-18A-GW

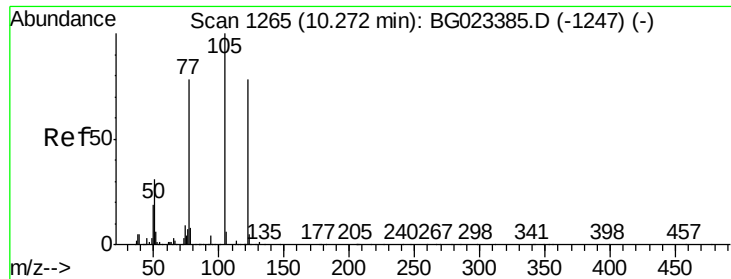
Tgt Ion:	136	Resp:	410254
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.6	7.3	10.9
68	7.6	5.3	7.9



#23
Nitrobenzene-d5
Concen: 103.84 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG023862.D
Acq: 23 Aug 2016 20:42

Tgt Ion:	82	Resp:	856904
Ion	Ratio	Lower	Upper
82	100		
128	35.9	24.4	36.6
54	49.3	41.4	62.0

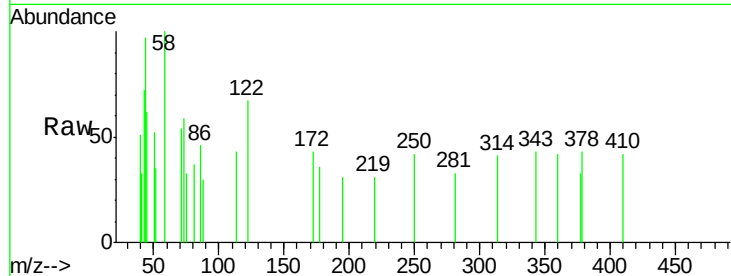




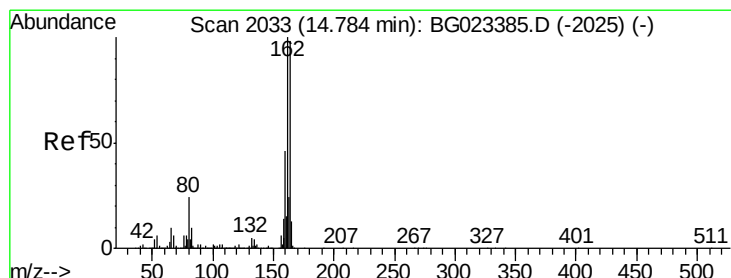
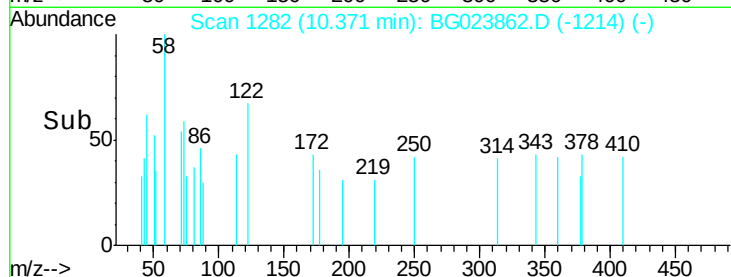
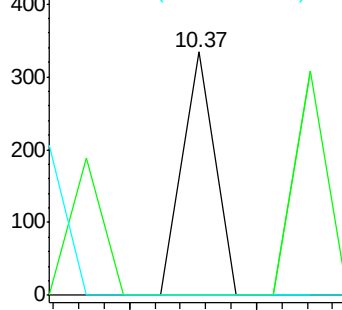
#32
Benzoic acid
Concen: 6.46 ng
RT: 10.37 min Scan# 1282
Delta R.T. 0.10 min
Lab File: BG023862.D
Acq: 23 Aug 2016 20:42

Instrument :
BNA_G
ClientSampleId :
SB-18A-GW

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

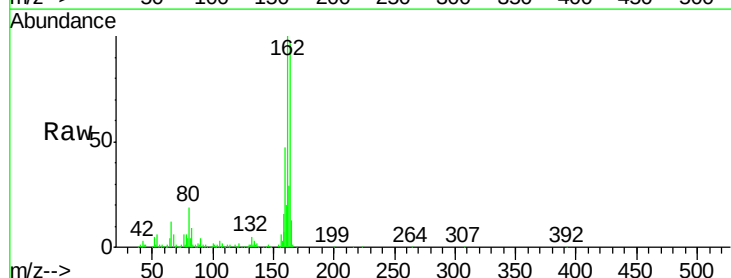


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

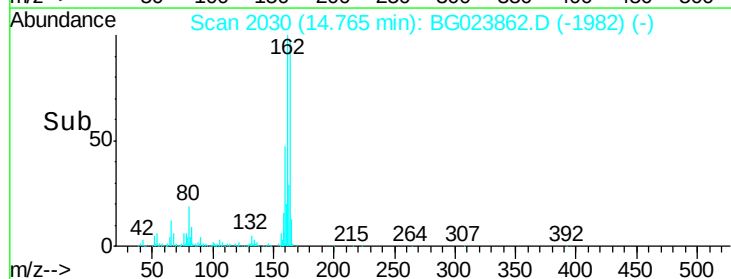
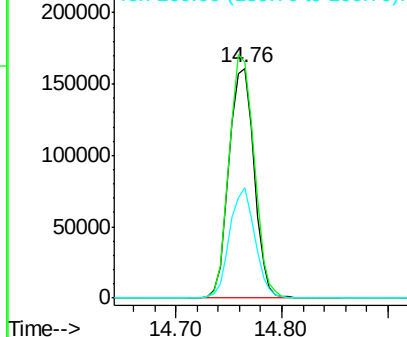


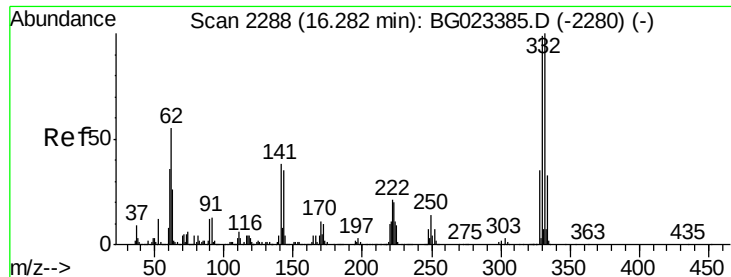
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023862.D
Acq: 23 Aug 2016 20:42

Tgt Ion:164 Resp: 265829
Ion Ratio Lower Upper
164 100
162 102.9 87.7 131.5
160 48.1 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

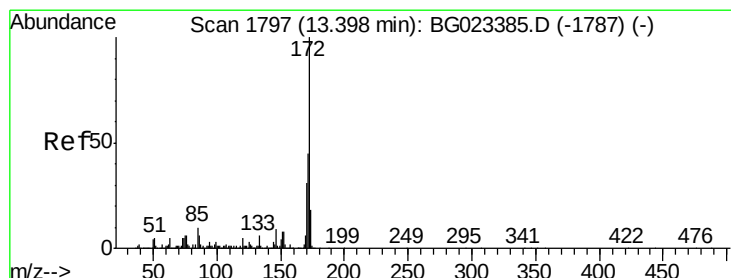
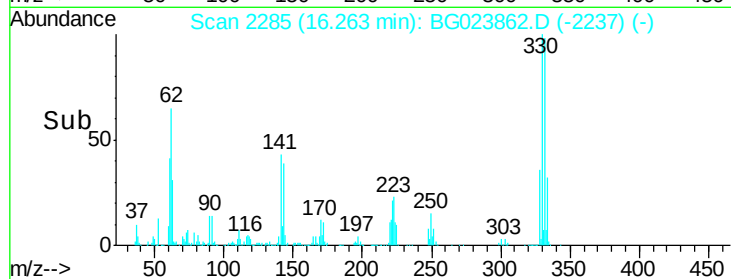
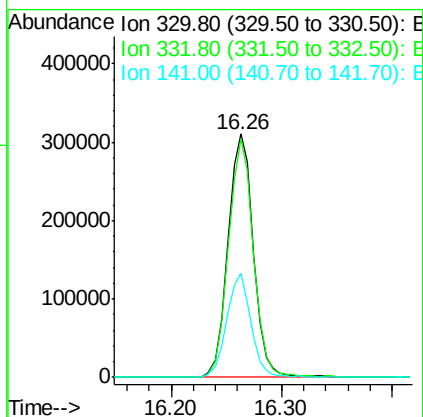
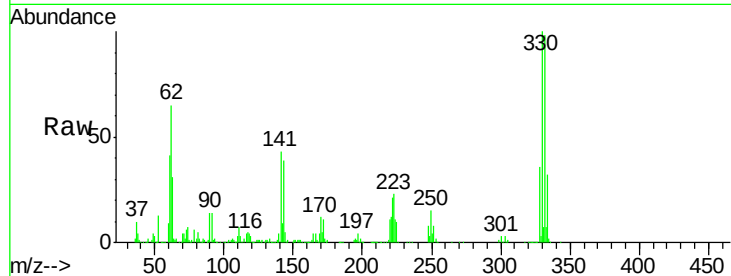




#41
 2,4,6-Tribromophenol
 Concen: 128.62 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

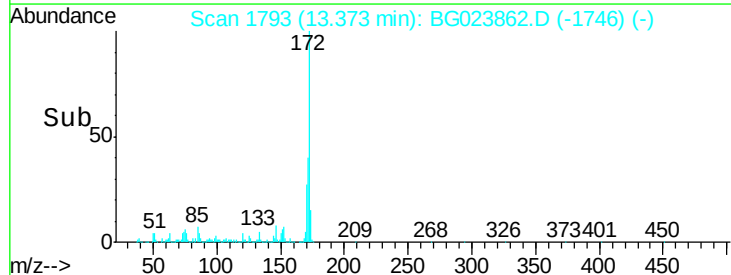
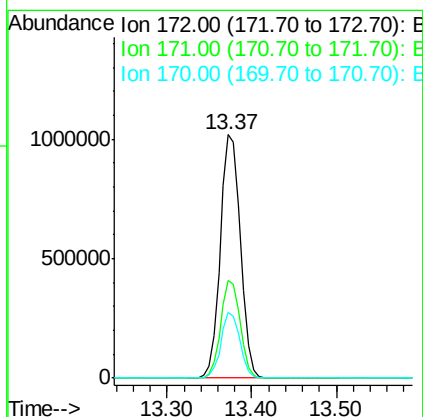
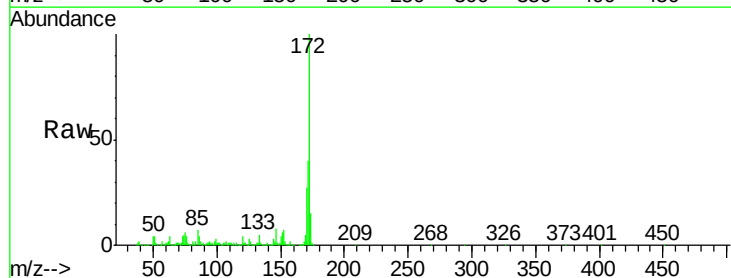
Instrument :
 BNA_G
 ClientSampleId :
 SB-18A-GW

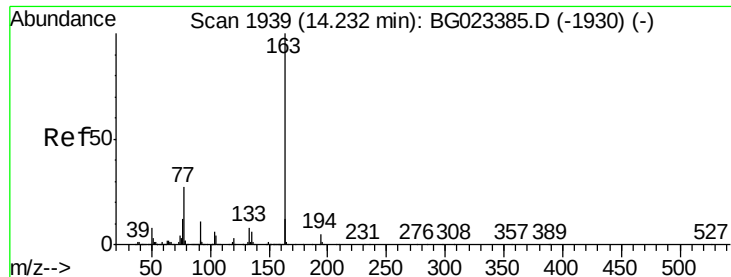
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 107.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.8	21.3	31.9





#49

Dimethylphthalate

Concen: 10.12 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

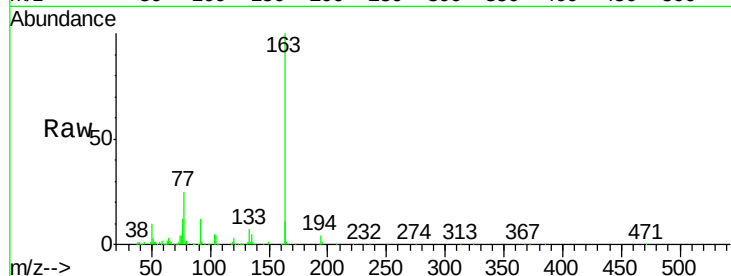
Tgt Ion:163 Resp: 206499

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

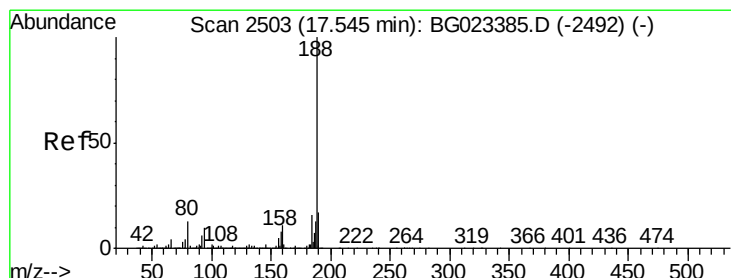
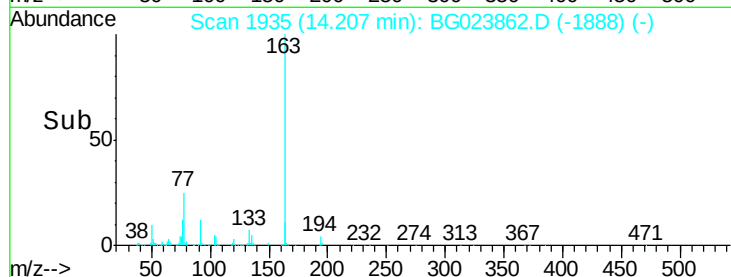
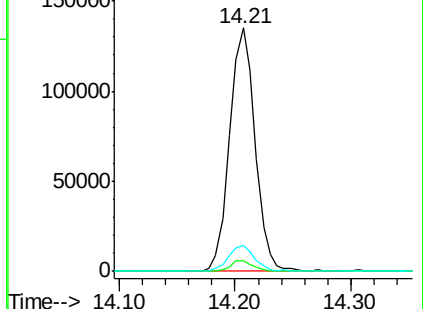
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

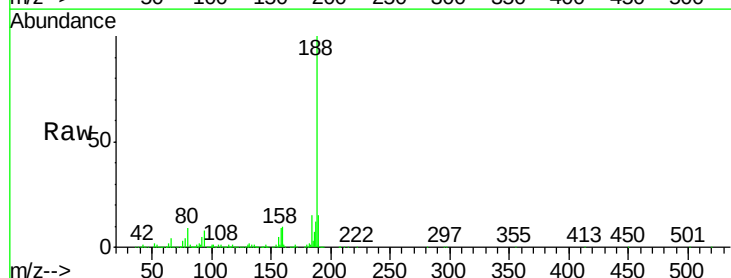
Tgt Ion:188 Resp: 625691

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

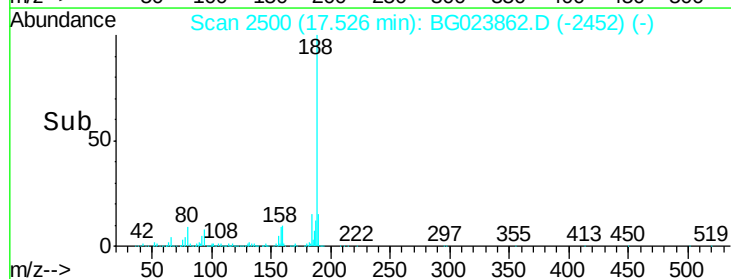
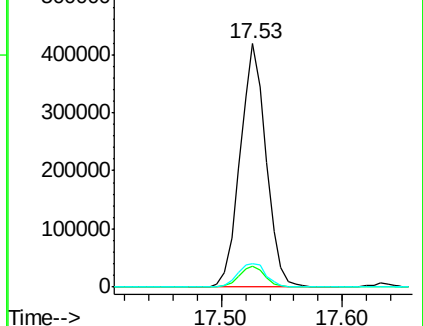
80 9.4 7.2 10.8

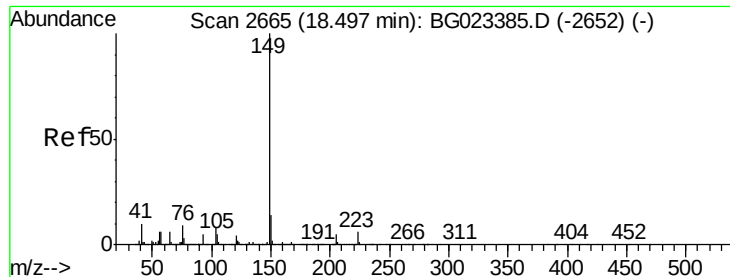


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 2661

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

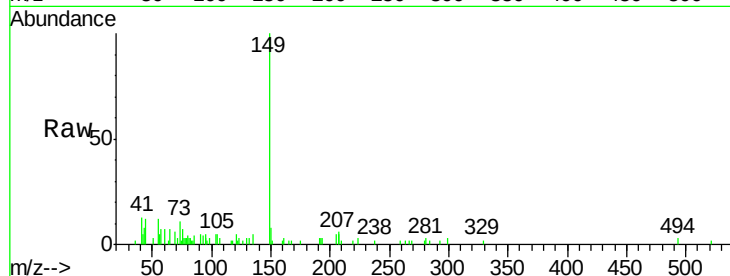
Tgt Ion:149 Resp: 11862

Ion Ratio Lower Upper

149 100

150 7.6 9.1 13.7#

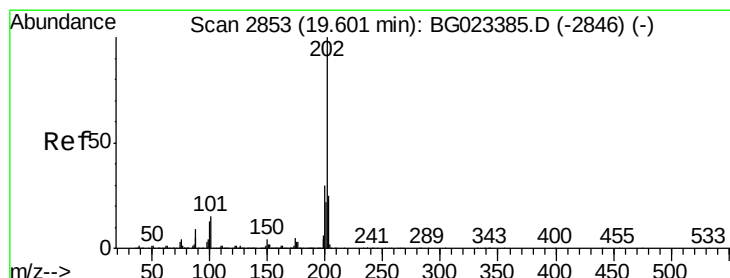
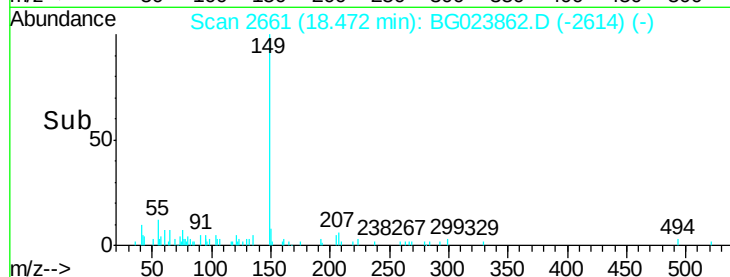
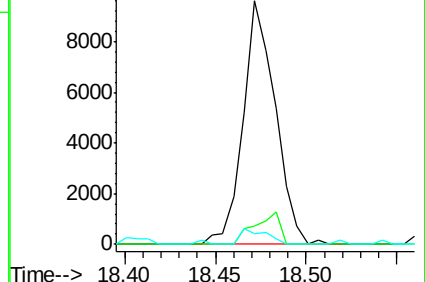
104 4.5 6.9 10.3#



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: 19.57 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

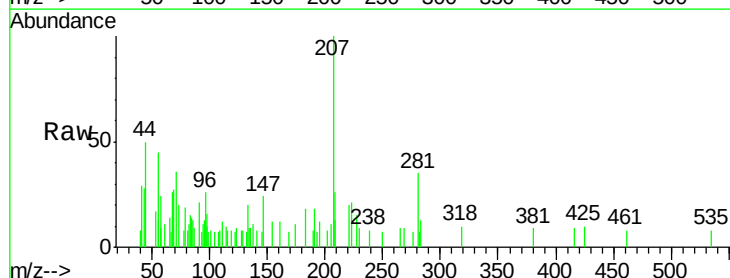
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

101 101.2 0.0 27.4#

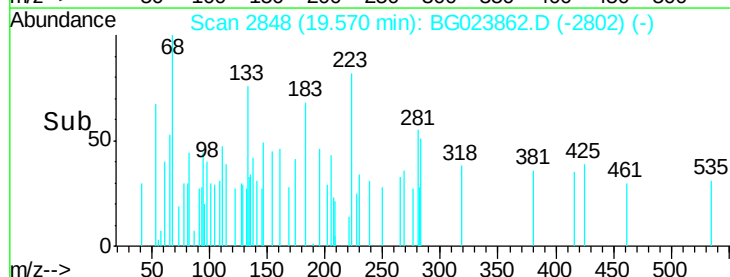
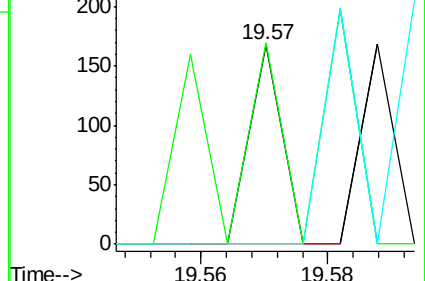
203 0.0 1.7 41.7#

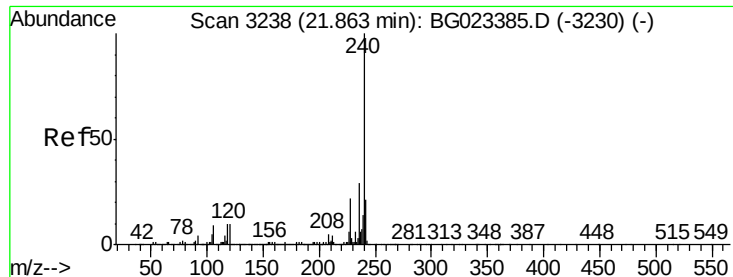


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

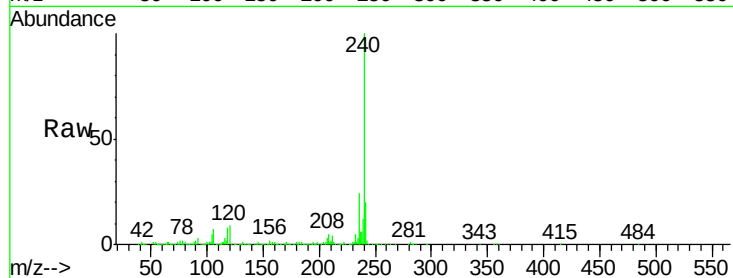
Tgt Ion:240 Resp: 675465

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

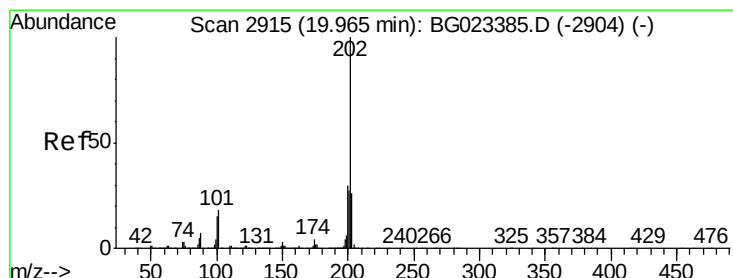
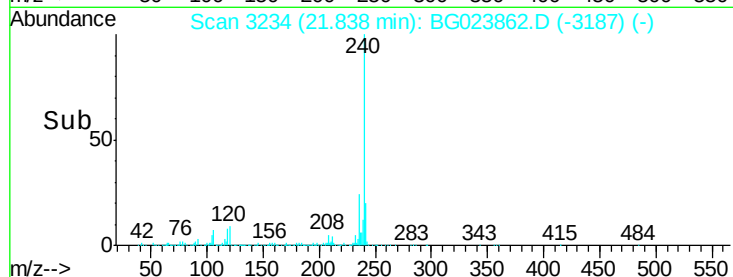
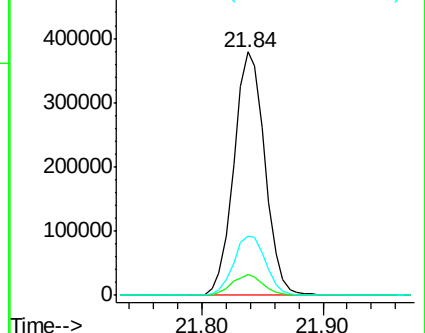
236 24.1 21.1 31.7



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: 19.95 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

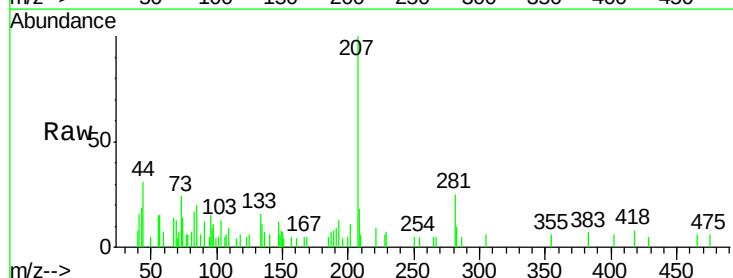
Tgt Ion:202 Resp: 429

Ion Ratio Lower Upper

202 100

200 46.1 21.2 31.8#

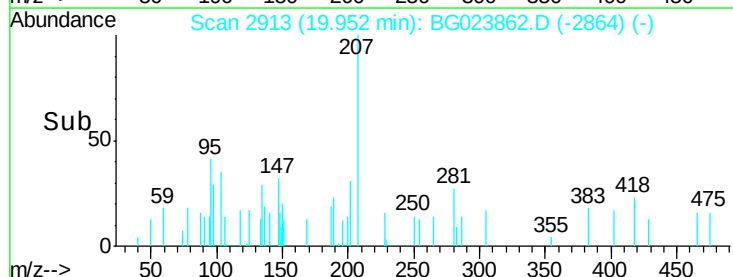
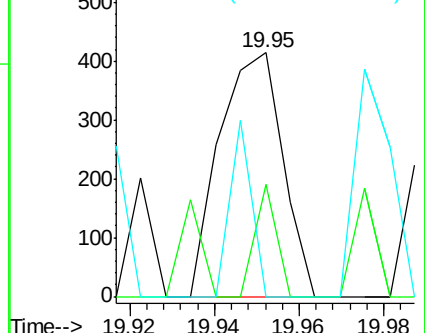
203 0.0 16.8 25.2#

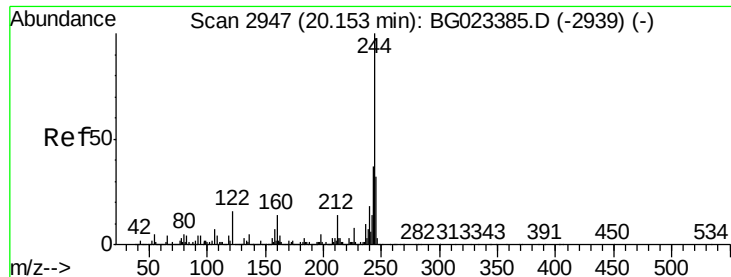


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 116.63 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

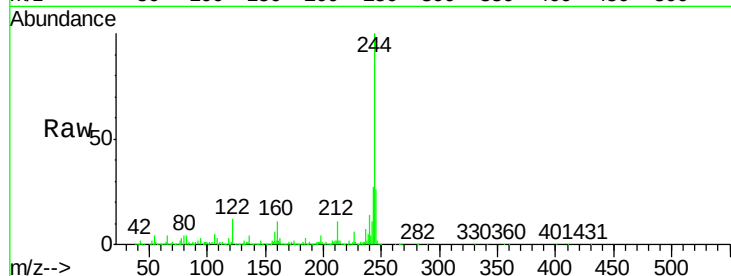
Tgt Ion:244 Resp: 2363610

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	11.5	8.0	12.0

244 100

212 11.4 10.8 16.2

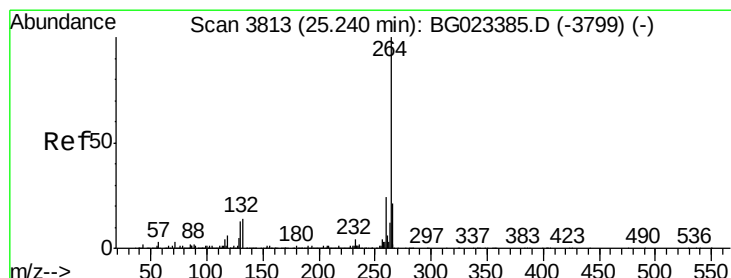
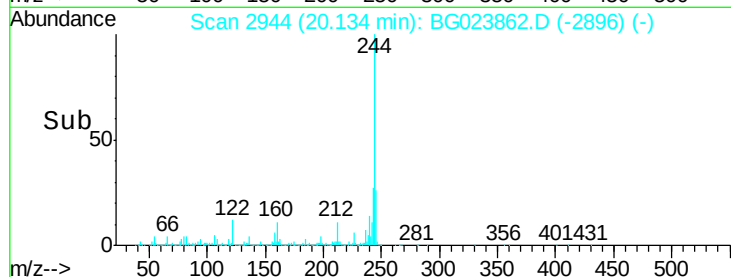
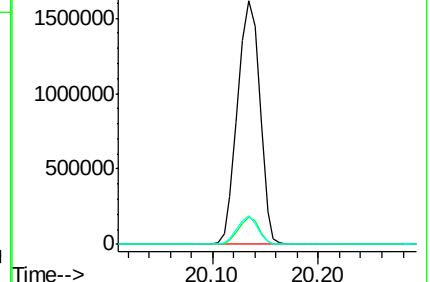
122 11.5 8.0 12.0



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

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

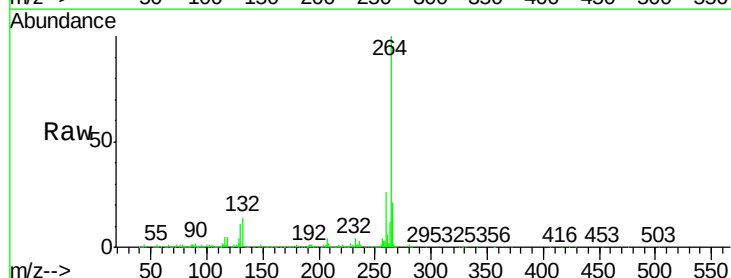
Tgt Ion:264 Resp: 655573

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	21.3	18.9	28.3

264 100

260 25.6 18.4 27.6

265 21.3 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

