

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023412.D
 Acq On : 3 Aug 2016 1:42
 Operator : UM/SJ
 Sample : H4288-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-65-7.0-8.0

Quant Time: Aug 03 02:30:25 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

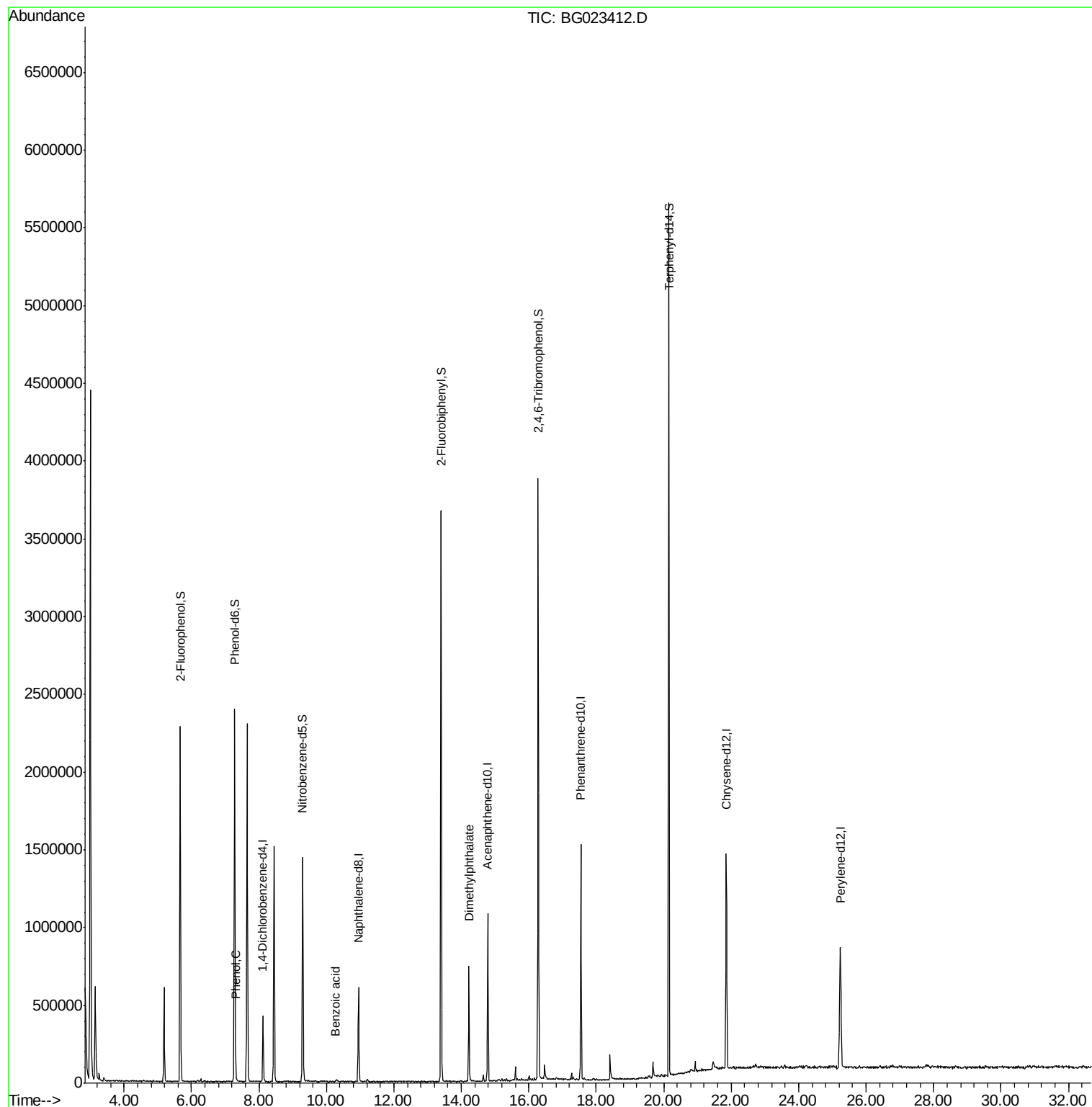
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	108416	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	510177	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	363609	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	866359	20.00	ng	0.00
75) Chrysene-d12	21.85	240	864234	20.00	ng	0.00
86) Perylene-d12	25.24	264	894669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	944609	146.66	ng	0.00
7) Phenol-d6	7.28	99	1437495	143.29	ng	0.00
23) Nitrobenzene-d5	9.29	82	941184	91.72	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	738887	138.93	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1851867	85.90	ng	0.00
78) Terphenyl-d14	20.15	244	2126192	74.66	ng	0.00
Target Compounds						
9) Benzaldehyde	7.28	77	3676	Below Cal	#	8
10) Phenol	7.31	94	29259	2.73	ng	82
32) Benzoic acid	10.25	122	70	6.45	ng	# 1
49) Dimethylphthalate	14.22	163	478877	17.17	ng	99
73) Di-n-butylphthalate	18.49	149	1725	Below Cal	#	73
74) Fluoranthene	19.59	202	173	Below Cal	#	16
77) Pyrene	19.96	202	587	Below Cal	#	34

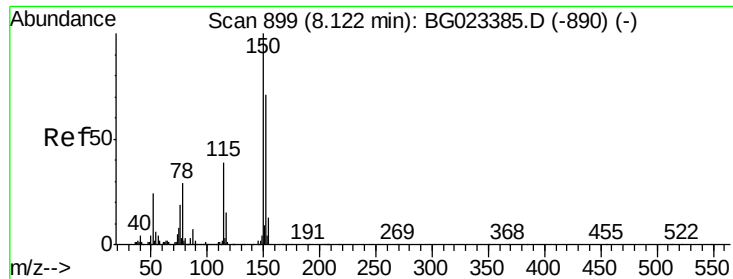
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

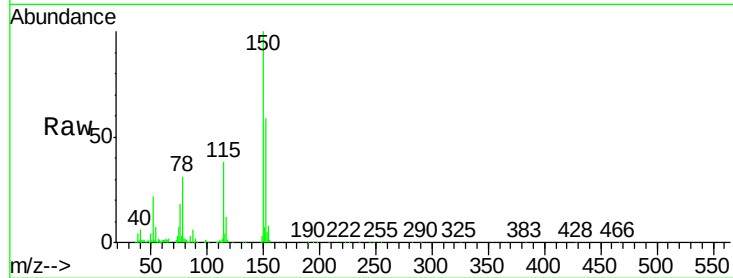
Tgt Ion:152 Resp: 108416

Ion Ratio Lower Upper

152 100

150 168.3 144.7 217.1

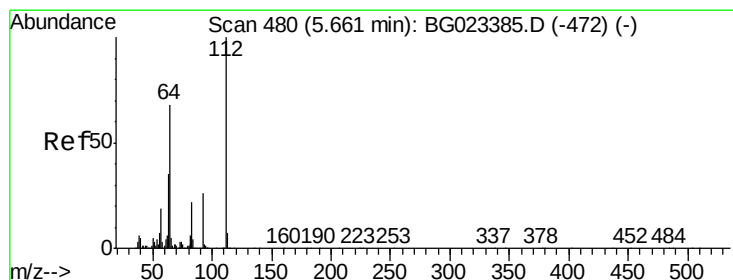
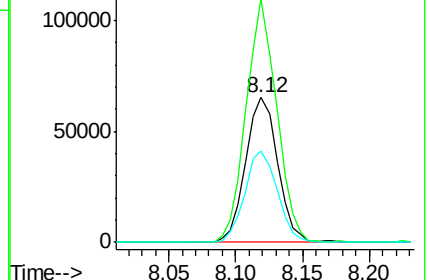
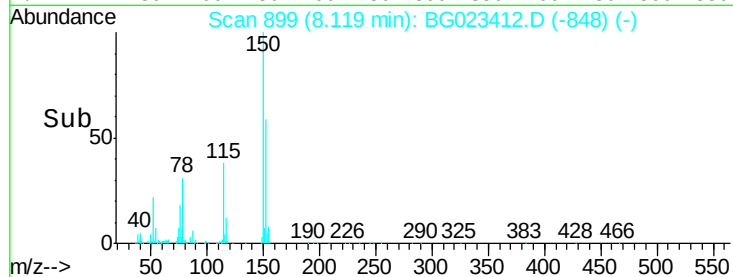
115 63.1 64.0 96.0#



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: 146.66 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

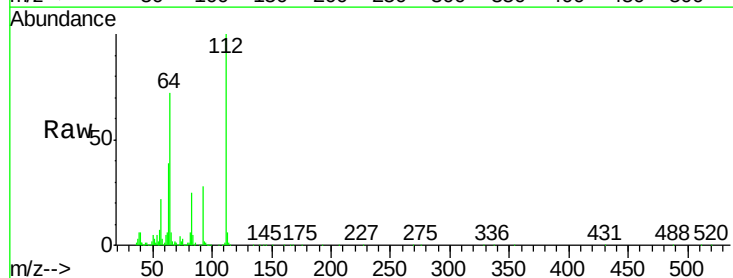
Tgt Ion:112 Resp: 944609

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

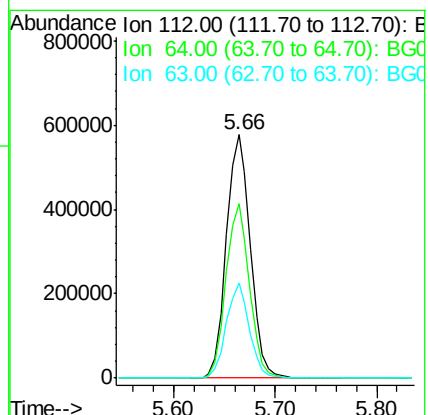
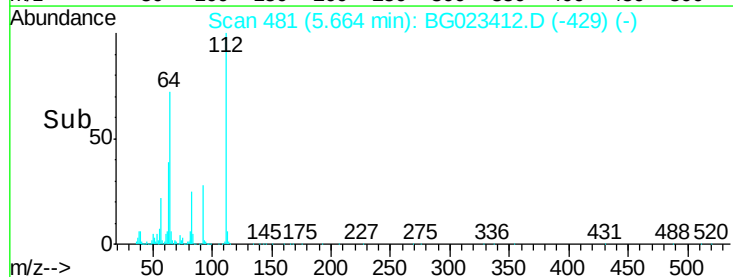
63 39.3 37.8 56.8

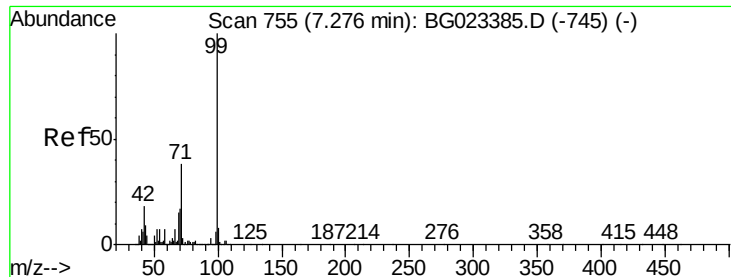


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.29 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

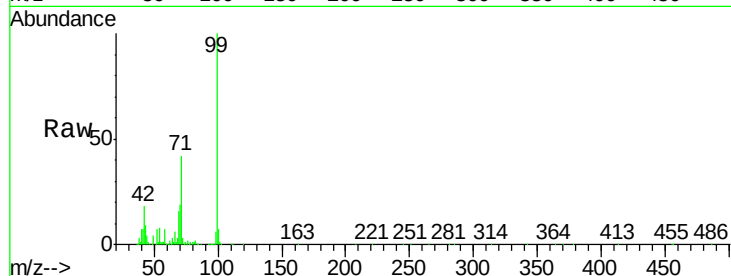
Tgt Ion: 99 Resp: 1437495

Ion Ratio Lower Upper

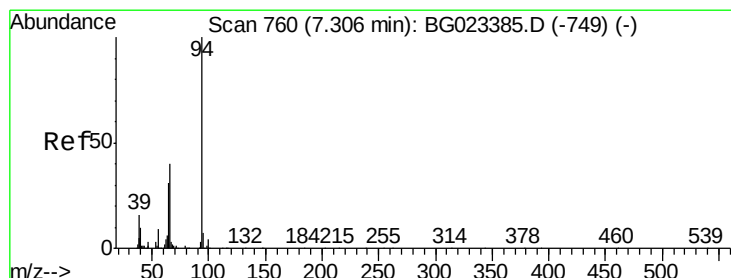
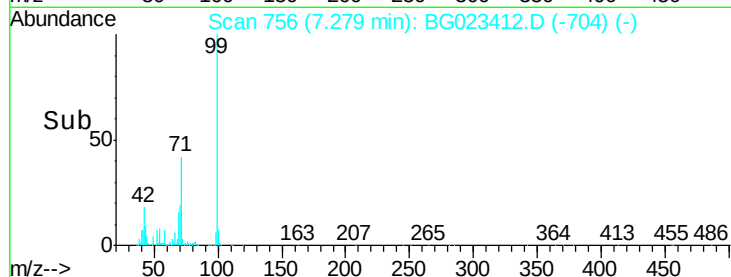
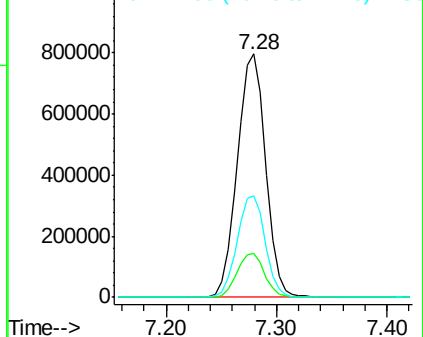
99 100

42 18.2 17.8 26.6

71 41.8 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



#10

Phenol

Concen: 2.73 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

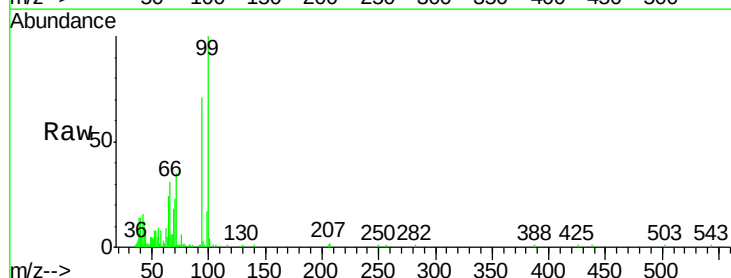
Tgt Ion: 94 Resp: 29259

Ion Ratio Lower Upper

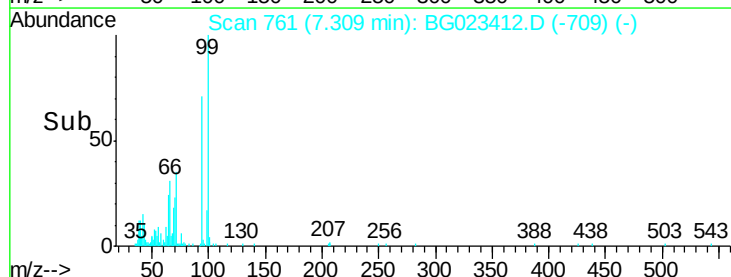
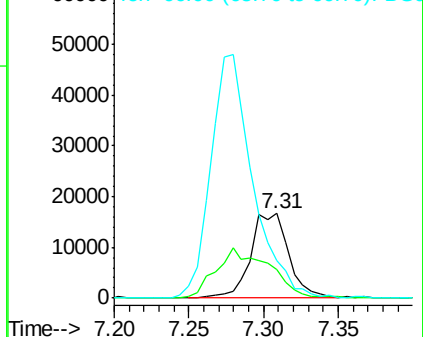
94 100

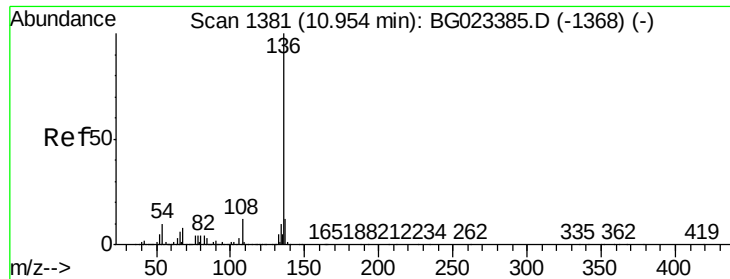
65 33.2 18.1 58.1

66 43.9 42.1 82.1



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

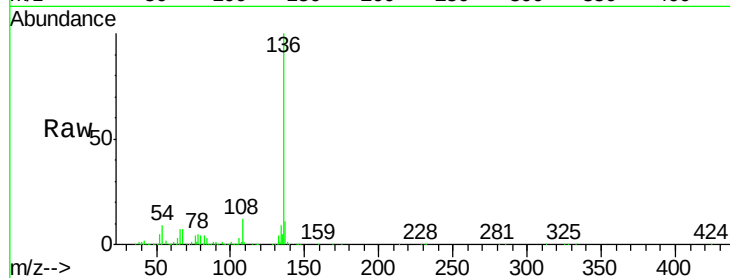




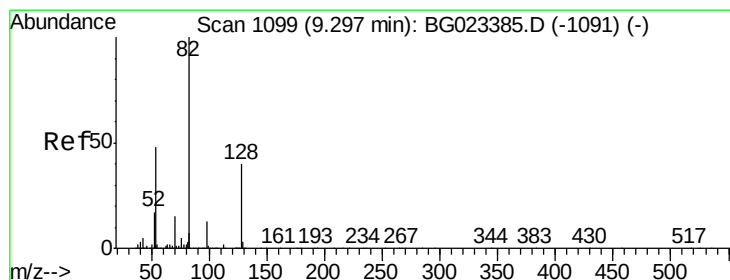
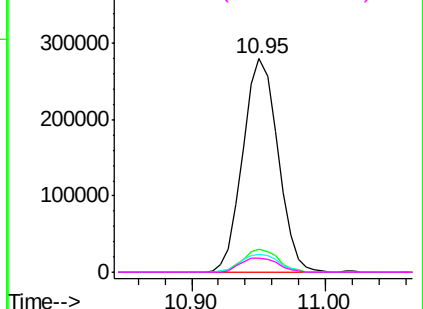
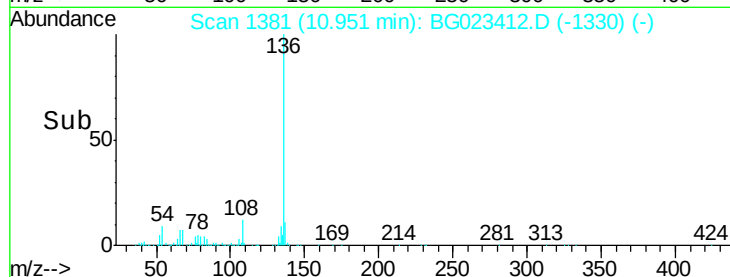
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023412.D
Acq: 3 Aug 2016 1:42

Instrument :
BNA_G
ClientSampleId :
SB-65-7.0-8.0

Tgt Ion:	136	Resp:	510177
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.6	7.3	10.9
68	6.7	5.3	7.9

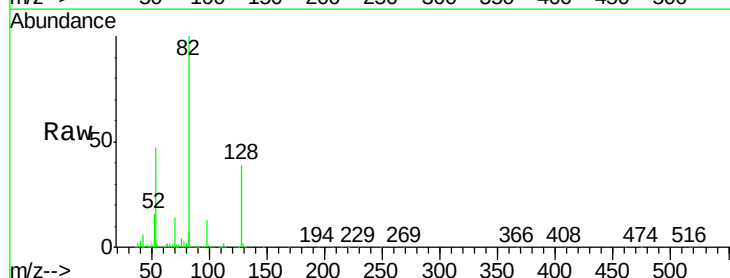


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

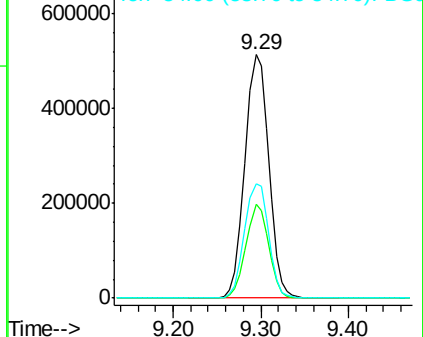
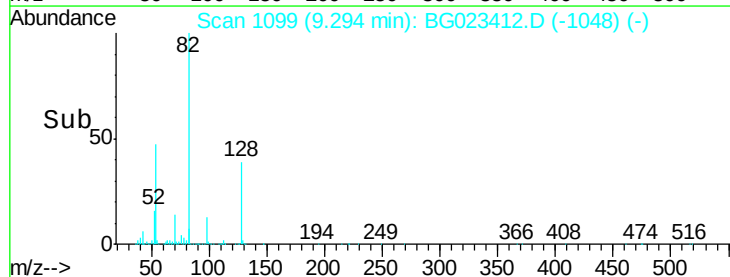


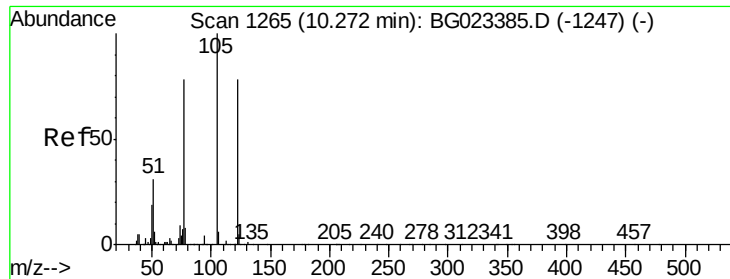
#23
Nitrobenzene-d5
Concen: 91.72 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023412.D
Acq: 3 Aug 2016 1:42

Tgt Ion:	82	Resp:	941184
Ion	Ratio	Lower	Upper
82	100		
128	38.6	24.4	36.6#
54	47.2	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

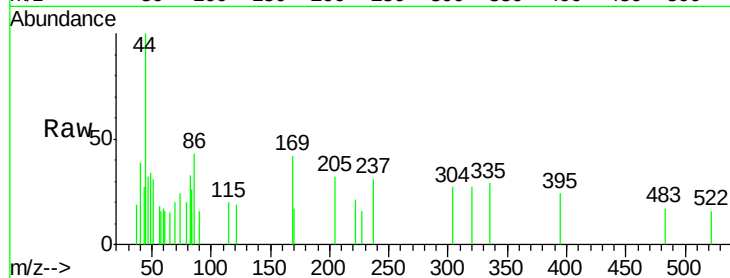




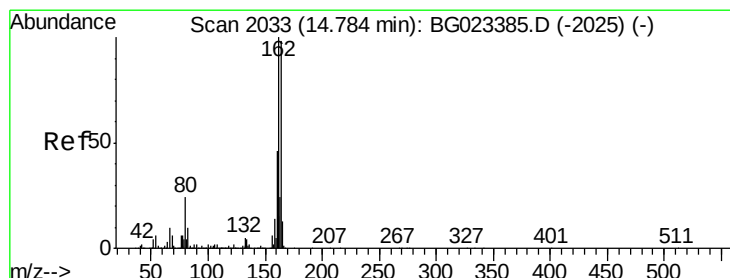
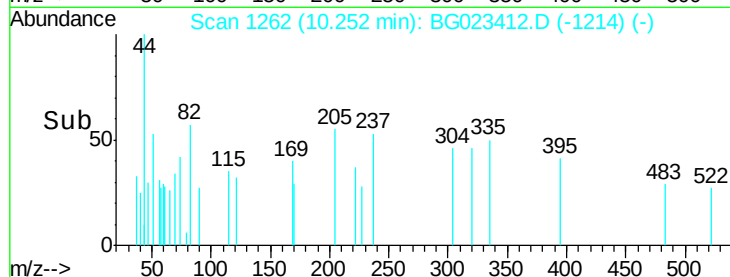
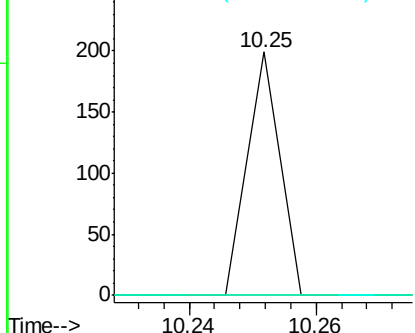
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023412.D
Acq: 3 Aug 2016 1:42

Instrument :
BNA_G
ClientSampleId :
SB-65-7.0-8.0

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

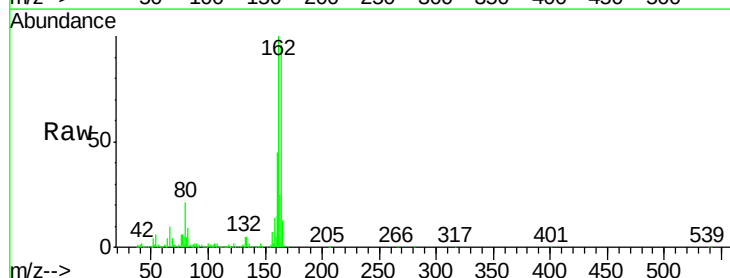


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

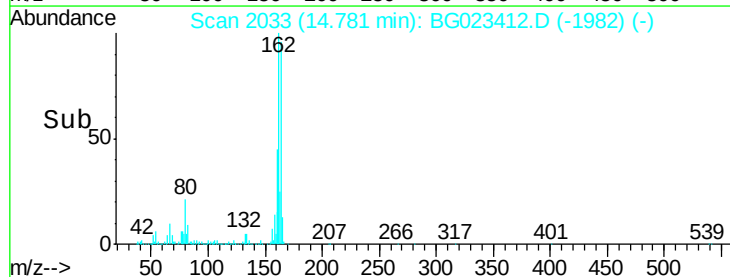
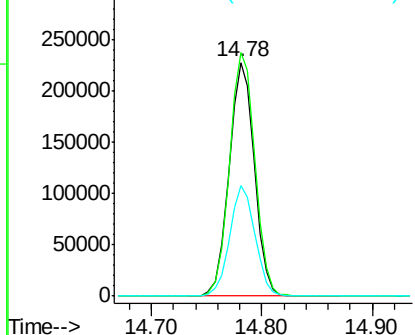


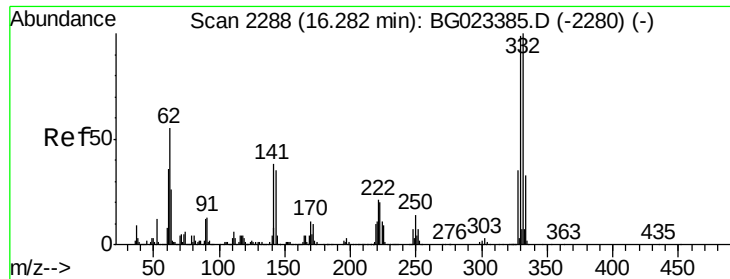
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023412.D
Acq: 3 Aug 2016 1:42

Tgt Ion:164 Resp: 363609
Ion Ratio Lower Upper
164 100
162 104.1 87.7 131.5
160 47.3 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

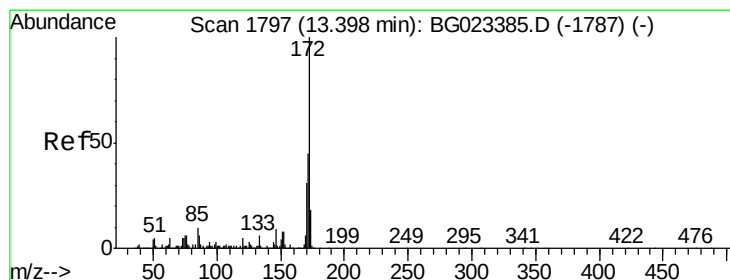
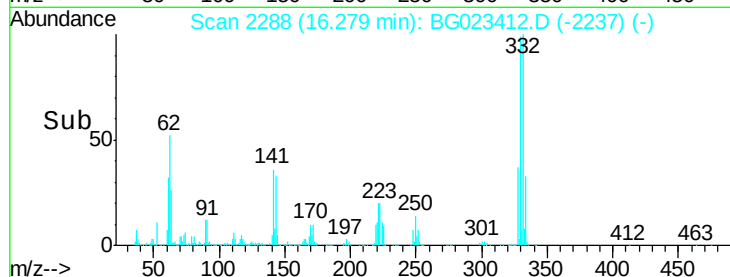
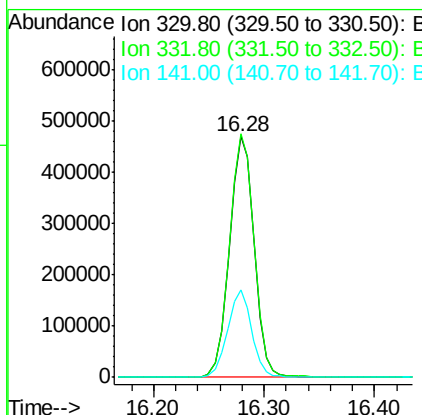
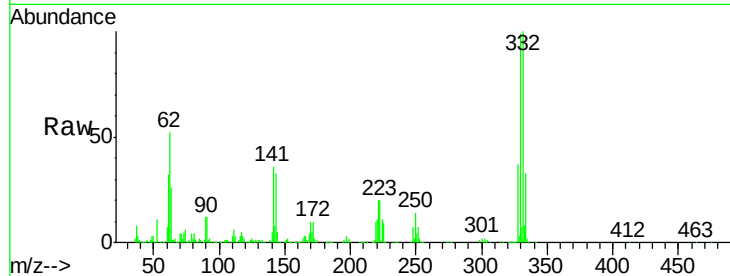




#41
 2,4,6-Tribromophenol
 Concen: 138.93 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023412.D
 Acq: 3 Aug 2016 1:42

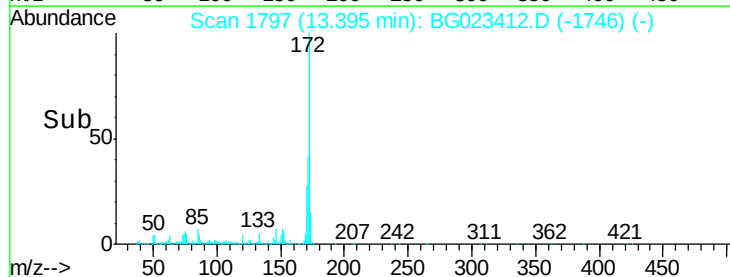
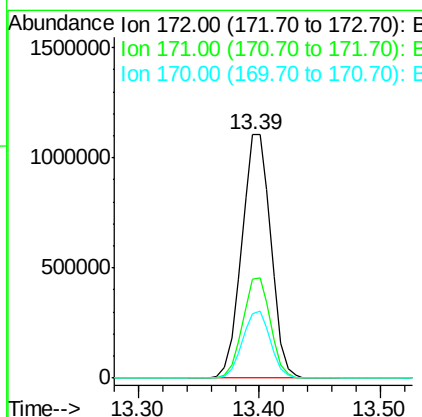
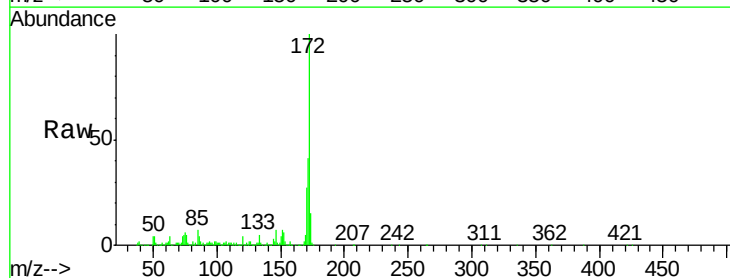
Instrument :
 BNA_G
 ClientSampleId :
 SB-65-7.0-8.0

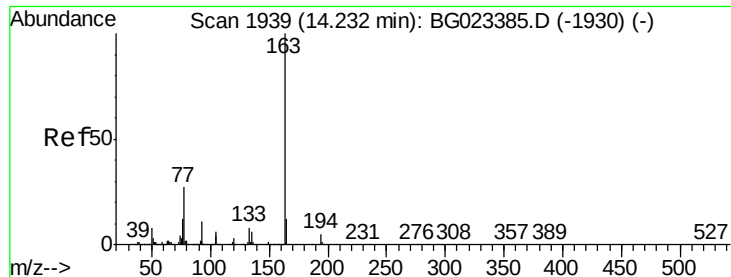
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.4	116.2
141	35.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 85.90 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023412.D
 Acq: 3 Aug 2016 1:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	31.6	47.4
170	26.6	21.3	31.9





#49

Dimethylphthalate

Concen: 17.17 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

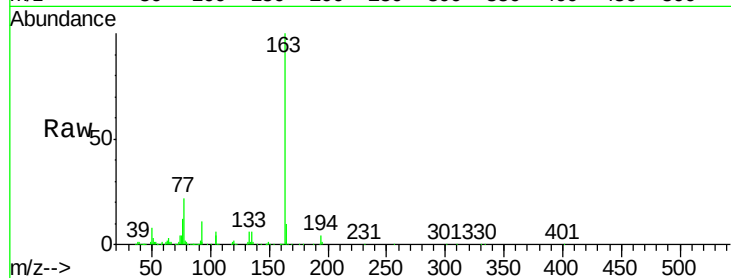
Tgt Ion:163 Resp: 478877

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

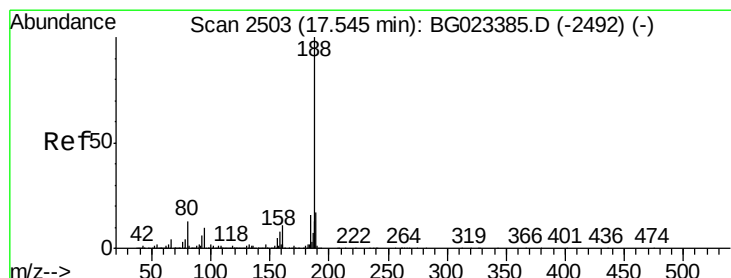
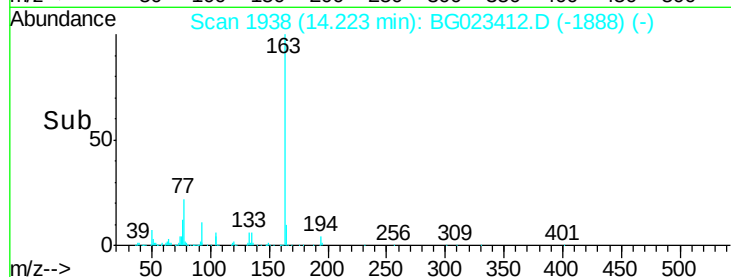
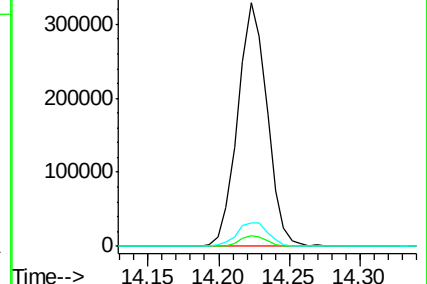
164 9.6 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

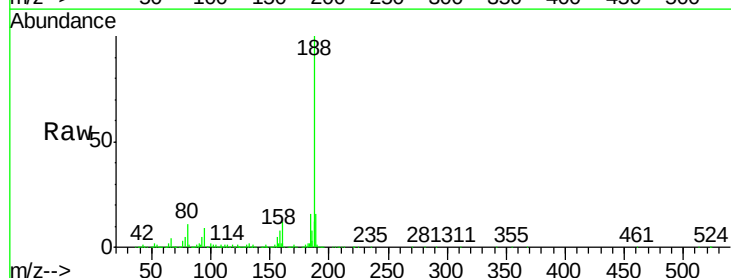
Tgt Ion:188 Resp: 866359

Ion Ratio Lower Upper

188 100

94 9.2 5.2 7.8#

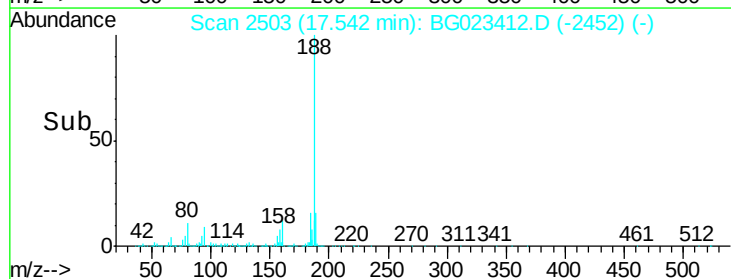
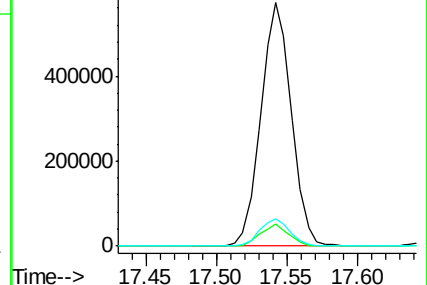
80 11.3 7.2 10.8#

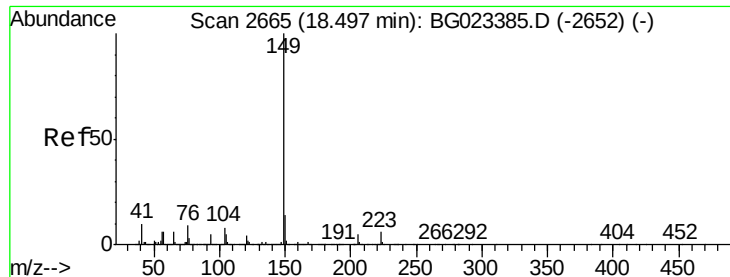


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

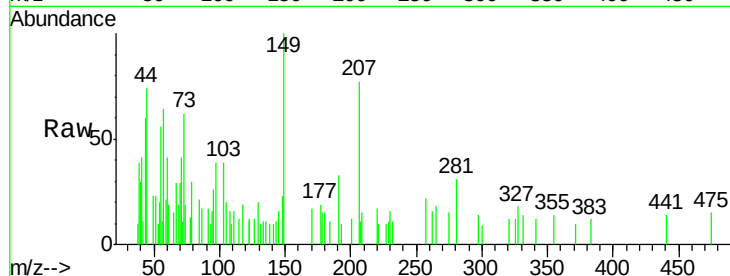
Tgt Ion:149 Resp: 1725

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

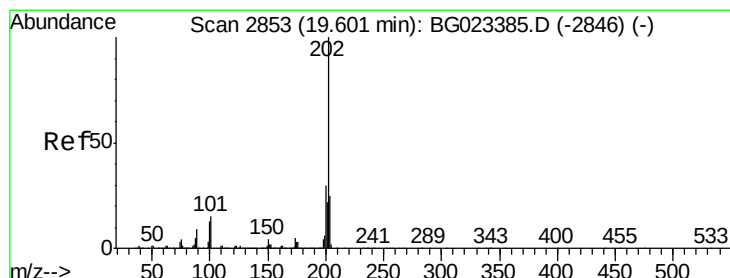
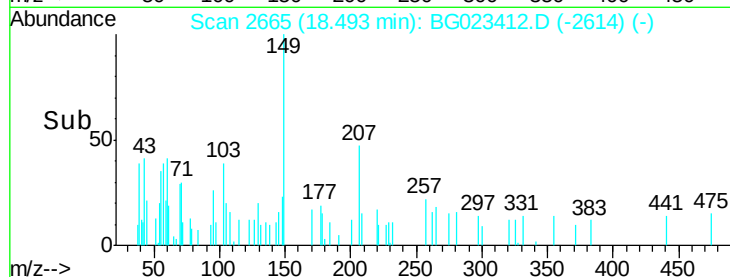
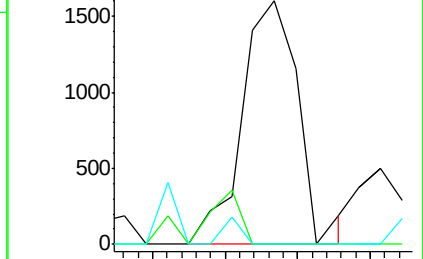
104 0.0 6.9 10.3#



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: 19.59 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

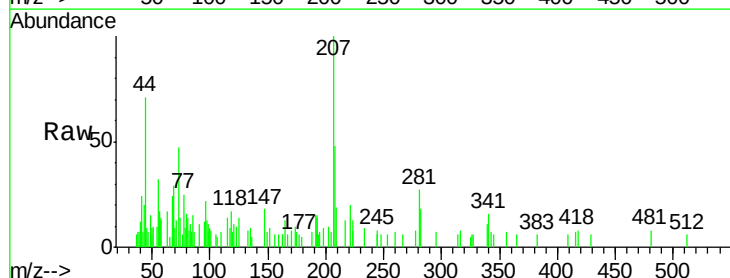
Tgt Ion:202 Resp: 173

Ion Ratio Lower Upper

202 100

101 75.0 0.0 27.4#

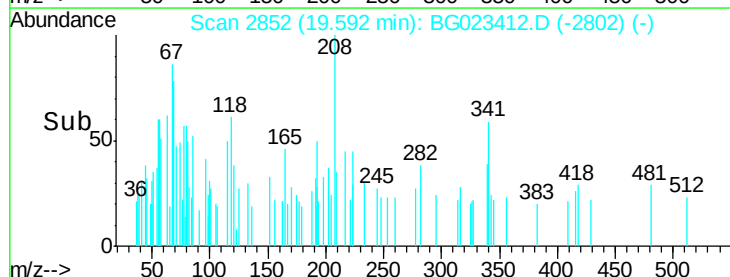
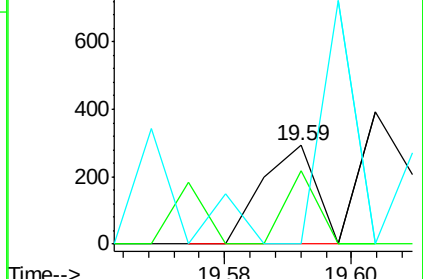
203 0.0 1.7 41.7#

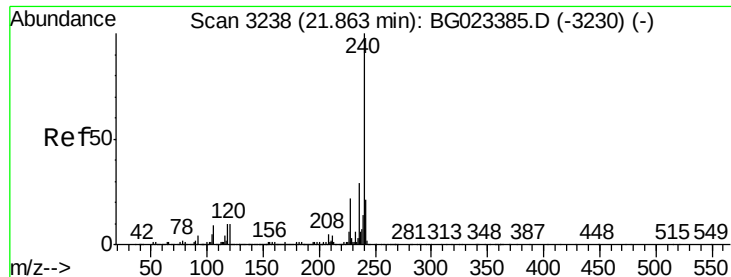


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.85 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

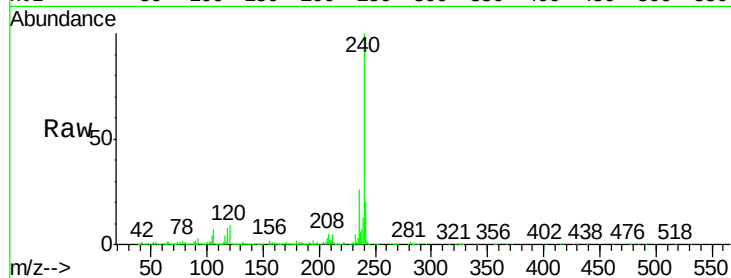
Tgt Ion:240 Resp: 864234

Ion Ratio Lower Upper

240 100

120 9.5 4.1 6.1#

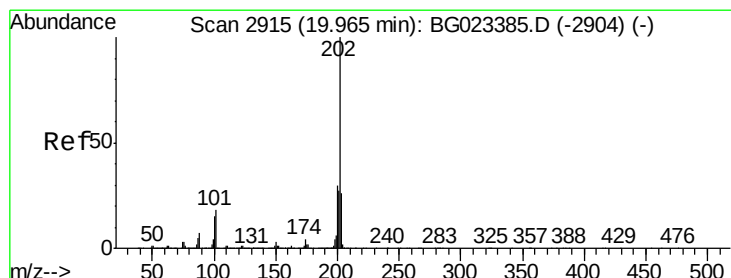
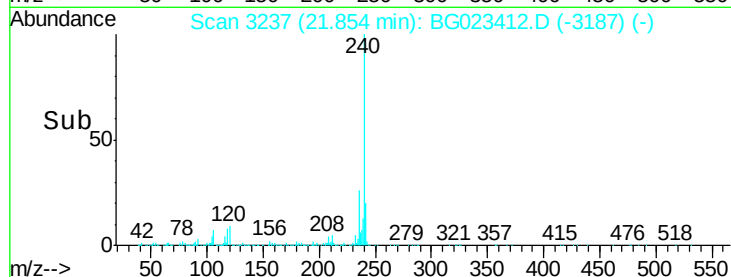
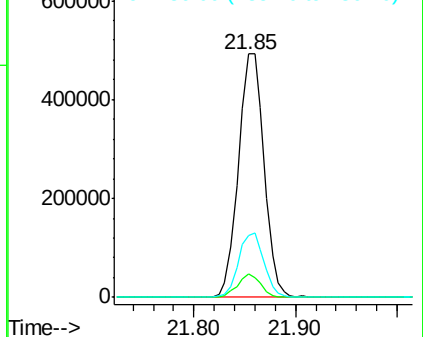
236 25.6 21.1 31.7



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: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

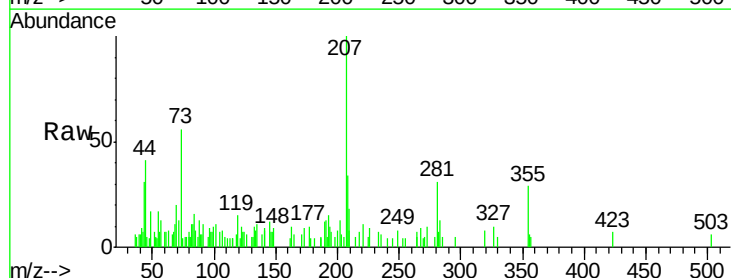
Tgt Ion:202 Resp: 587

Ion Ratio Lower Upper

202 100

200 63.6 21.2 31.8#

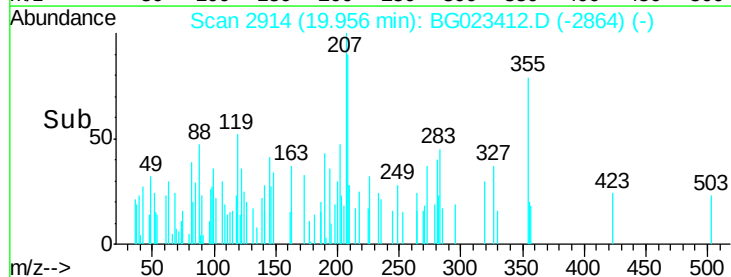
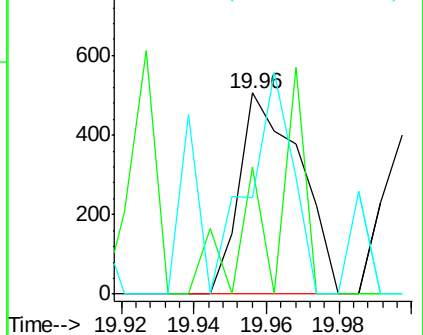
203 48.1 16.8 25.2#

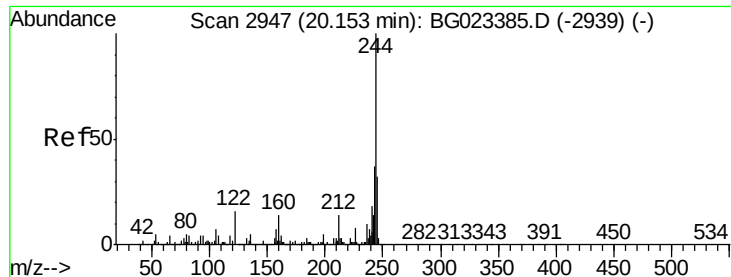


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.66 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

Instrument :

BNA_G

ClientSampleId :

SB-65-7.0-8.0

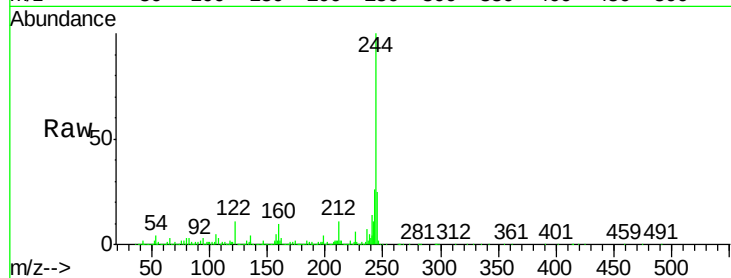
Tgt Ion:244 Resp: 2126192

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

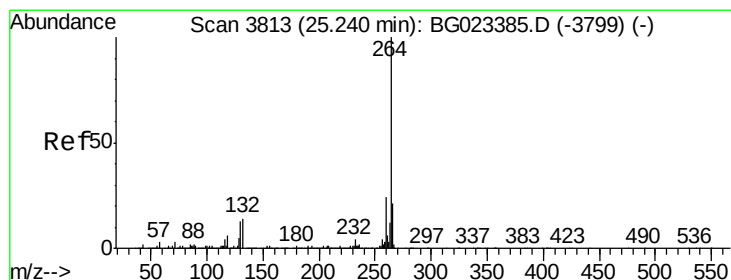
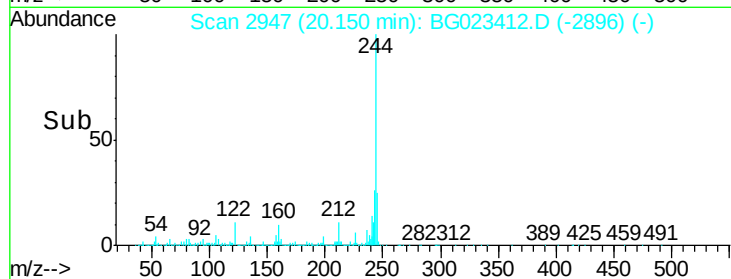
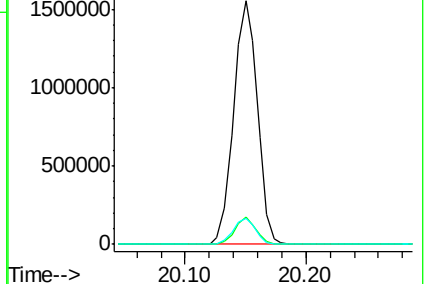
122 10.9 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023412.D

Acq: 3 Aug 2016 1:42

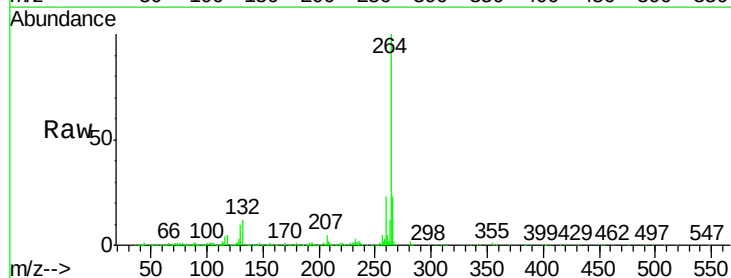
Tgt Ion:264 Resp: 894669

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.8 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

