

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023848.D
 Acq On : 23 Aug 2016 11:52
 Operator : UM/SJ
 Sample : PB93006BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93006BL

Quant Time: Aug 24 01:16:49 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

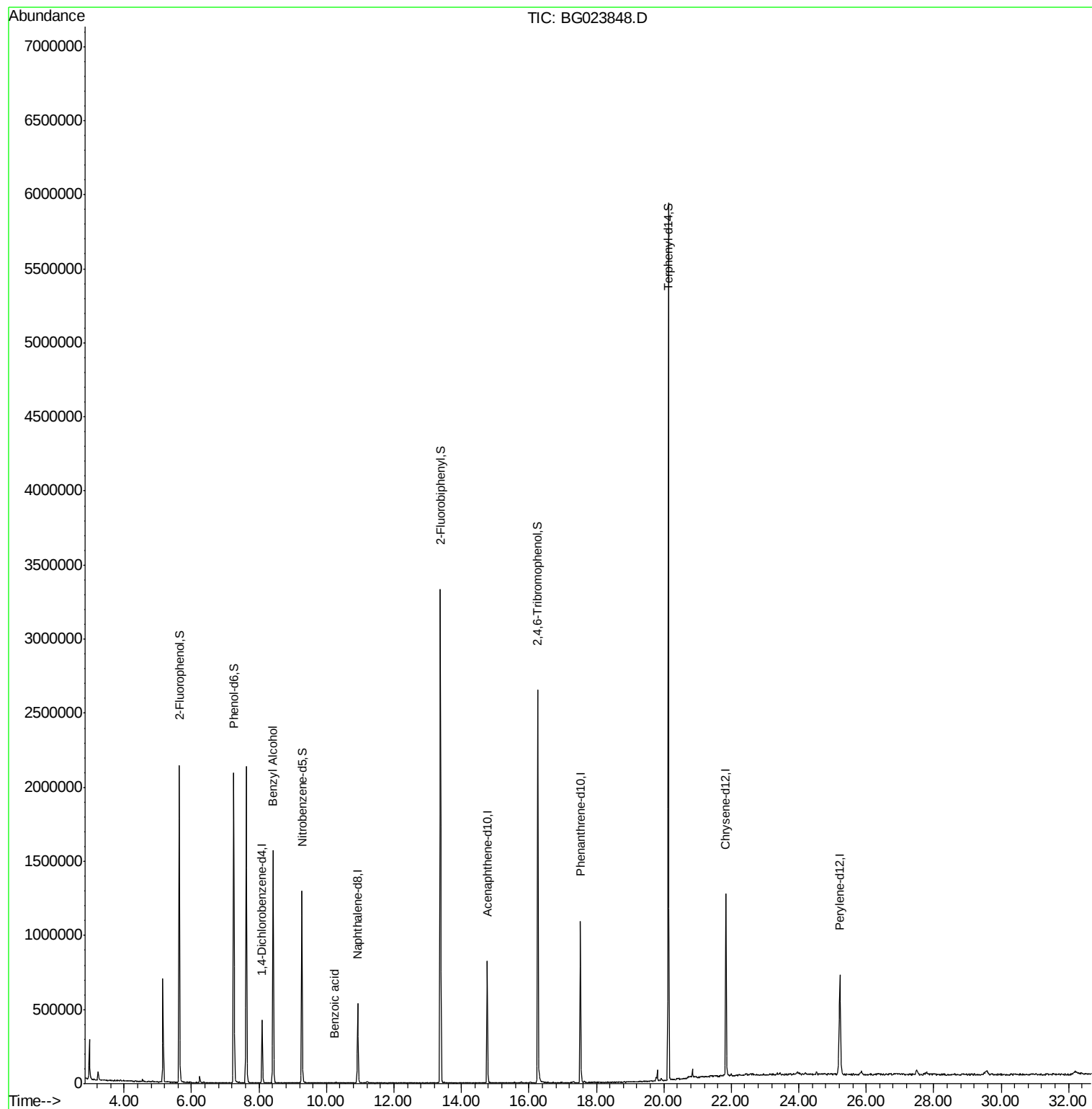
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	109521	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	454458	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	288506	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	698673	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	770842	20.00	ng	-0.02
86) Perylene-d12	25.22	264	743815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	891304	136.99	ng	-0.02
7) Phenol-d6	7.25	99	1243271	122.68	ng	-0.02
23) Nitrobenzene-d5	9.27	82	836955	91.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	498688	118.17	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1628880	95.23	ng	-0.02
78) Terphenyl-d14	20.13	244	2346308	98.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.25	77	3043	Below Cal	#	8
15) Benzyl Alcohol	8.42	79	15372	2.00 ng	#	54
32) Benzoic acid	10.24	122	53	6.45 ng	#	1
73) Di-n-butylphthalate	18.47	149	1842	Below Cal	#	73
74) Fluoranthene	19.60	202	1492	Below Cal	#	80
77) Pyrene	19.96	202	1773	Below Cal	#	67

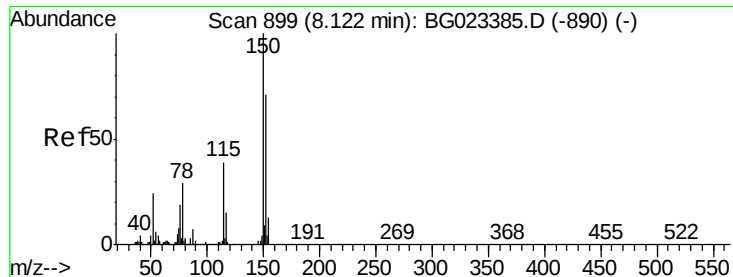
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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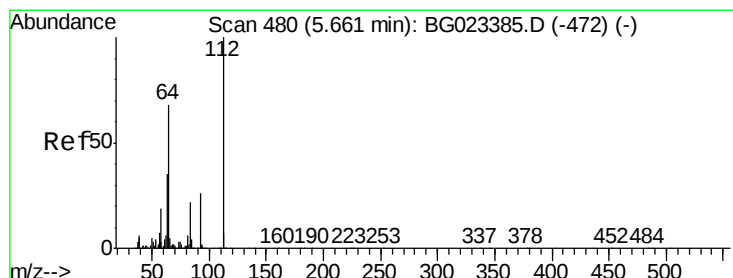
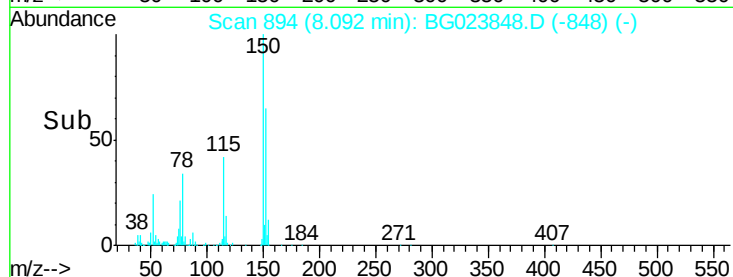
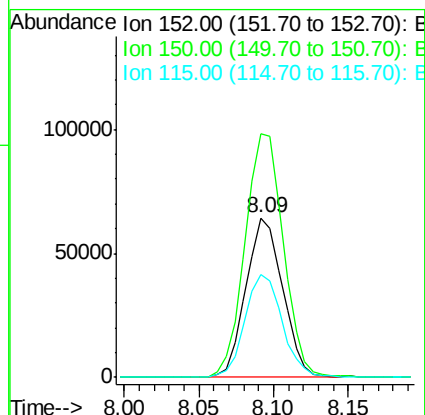
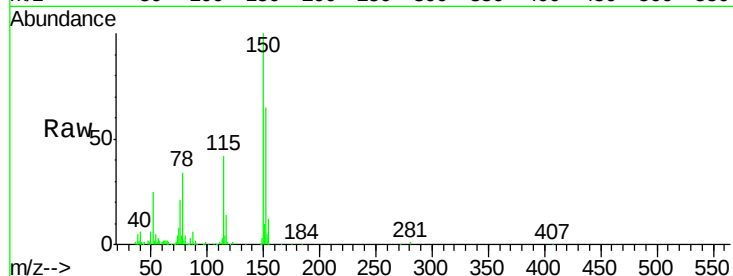


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023848.D
Acq: 23 Aug 2016 11:52

Instrument :
BNA_G
ClientSampleId :
PB93006BL

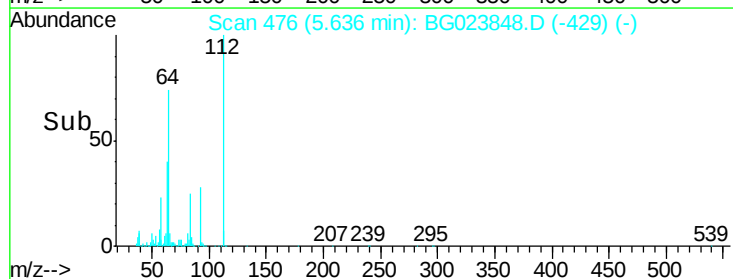
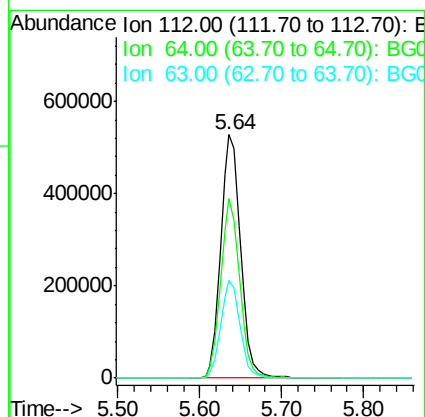
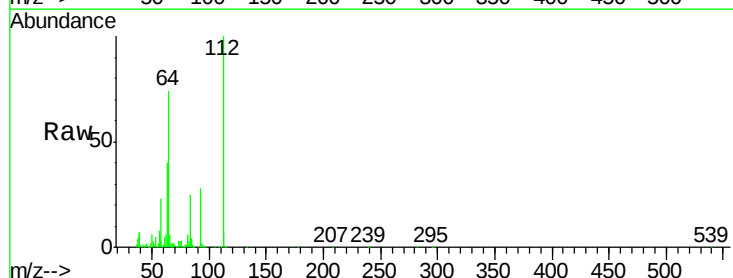
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	144.7	217.1
115	64.3	64.0	96.0

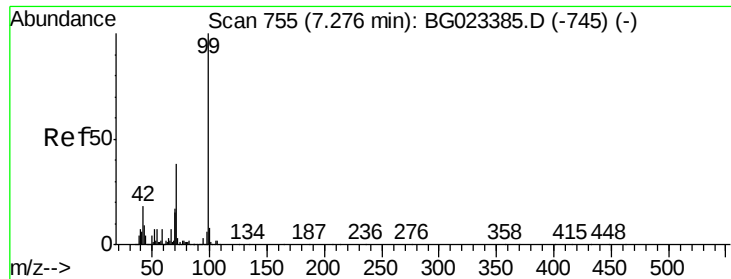


#5

2-Fluorophenol
Concen: 136.99 ng
RT: 5.64 min Scan# 476
Delta R.T. -0.02 min
Lab File: BG023848.D
Acq: 23 Aug 2016 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	59.0	88.4
63	40.1	37.8	56.8





#7

Phenol-d6

Concen: 122.68 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

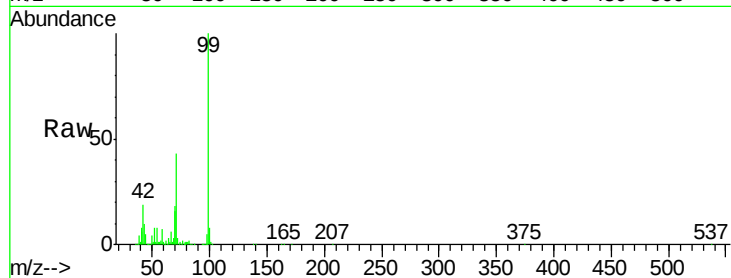
Tgt Ion: 99 Resp: 1243271

Ion Ratio Lower Upper

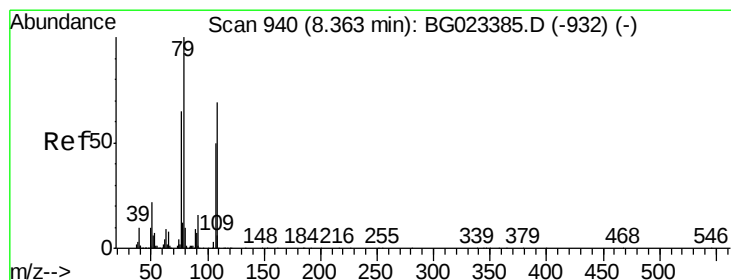
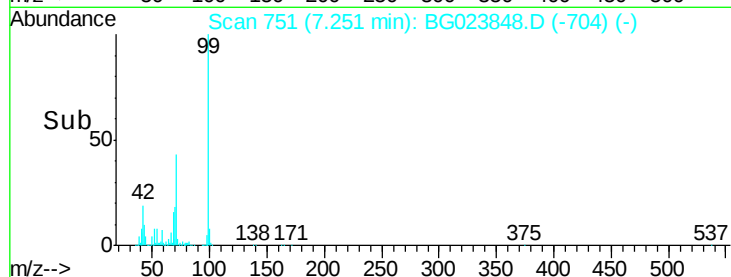
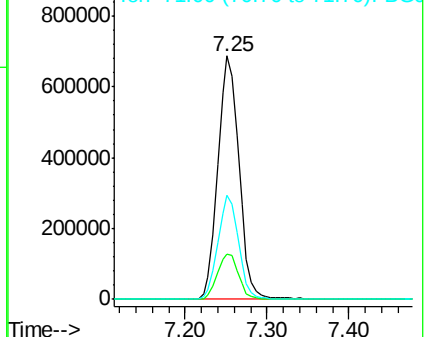
99 100

42 18.5 17.8 26.6

71 42.8 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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.06 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

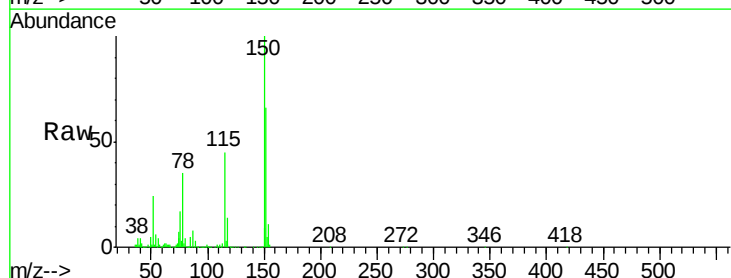
Tgt Ion: 79 Resp: 15372

Ion Ratio Lower Upper

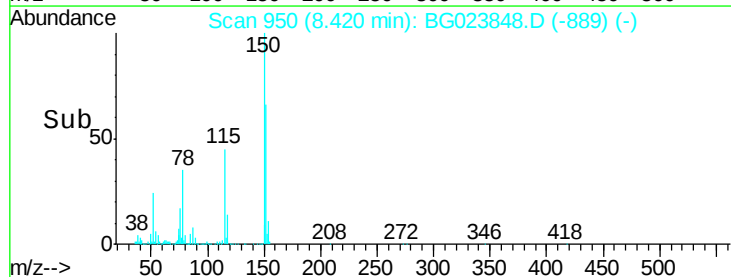
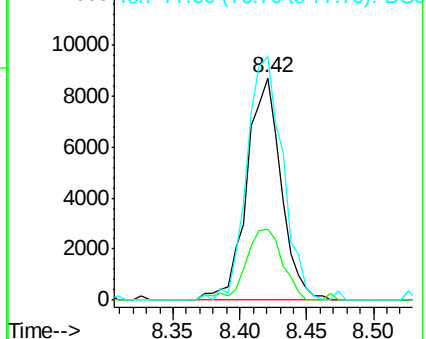
79 100

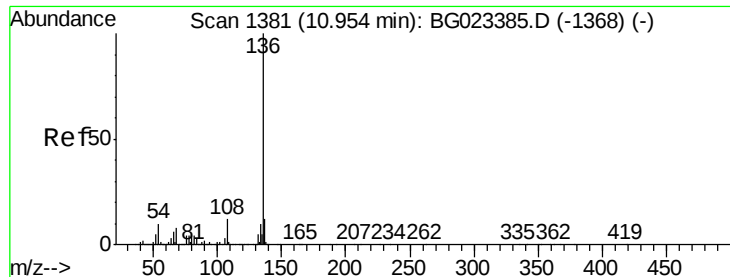
108 32.1 46.5 69.7#

77 109.6 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

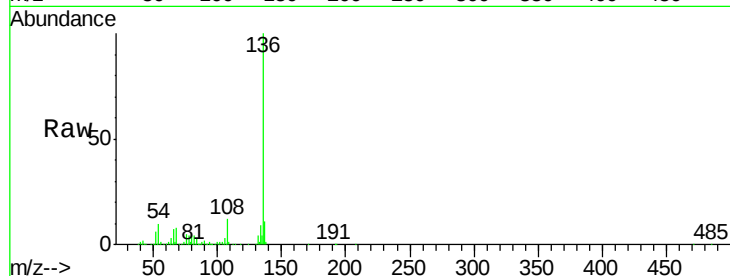




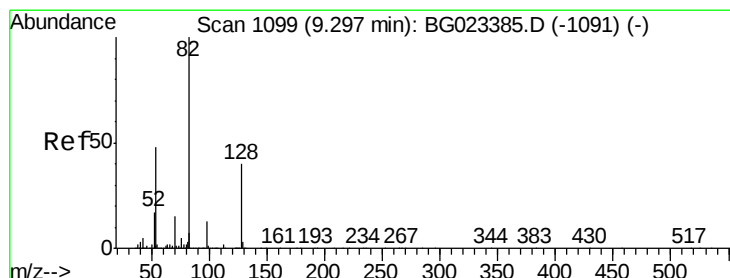
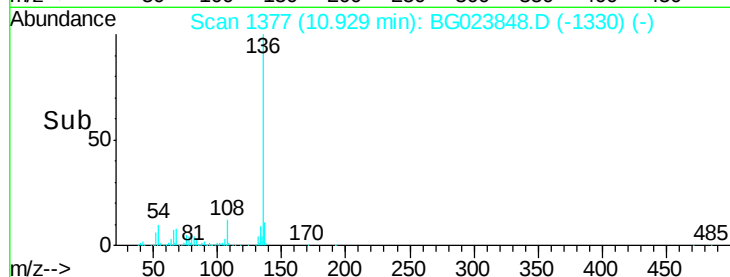
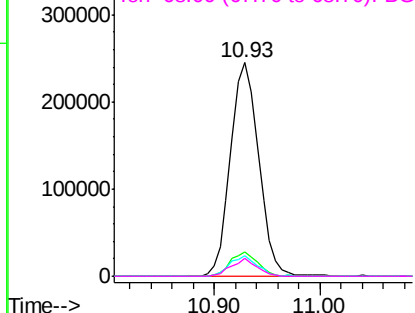
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG023848.D
Acq: 23 Aug 2016 11:52

Instrument :
BNA_G
ClientSampleId :
PB93006BL

Tgt Ion:	136	Resp:	454458
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	7.3	10.9
68	8.1	5.3	7.9#

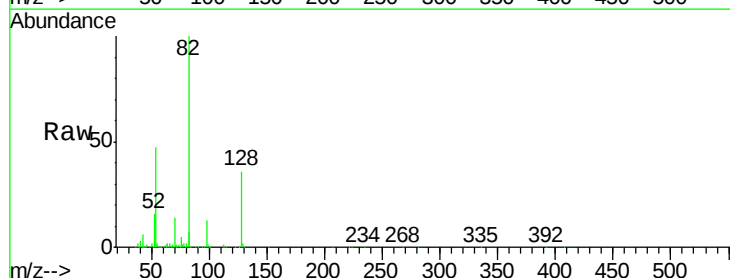


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

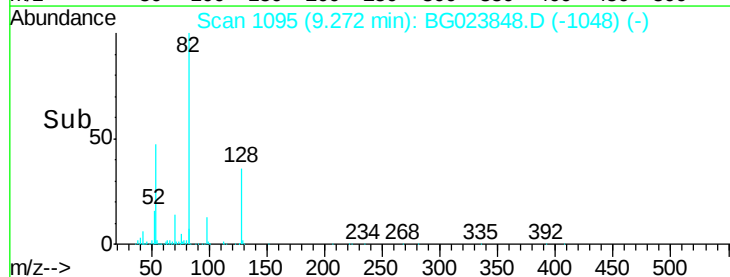
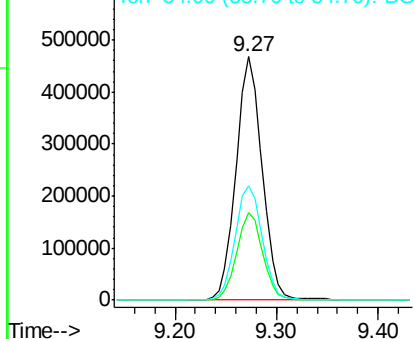


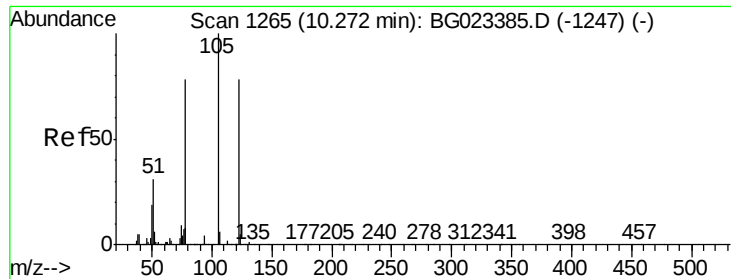
#23
Nitrobenzene-d5
Concen: 91.56 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BG023848.D
Acq: 23 Aug 2016 11:52

Tgt Ion:	82	Resp:	836955
Ion	Ratio	Lower	Upper
82	100		
128	35.7	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: 10.24 min Scan# 1259

Delta R.T. -0.04 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

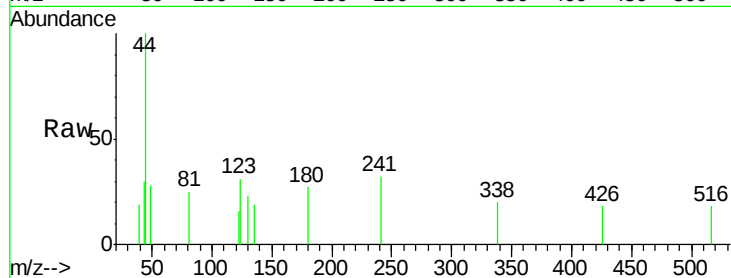
Instrument :

BNA_G

ClientSampleId :

PB93006BL

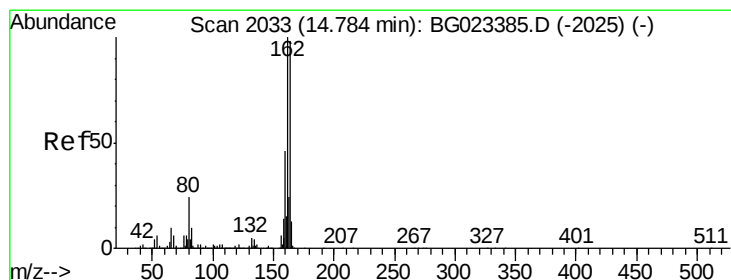
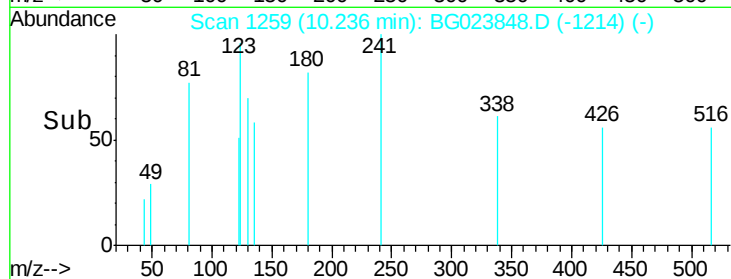
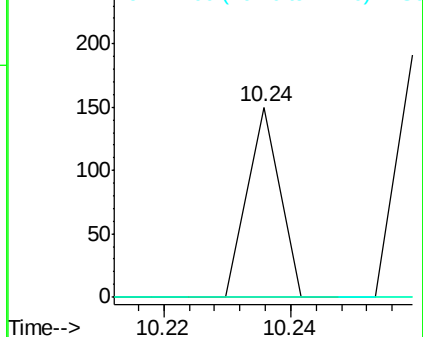
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



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

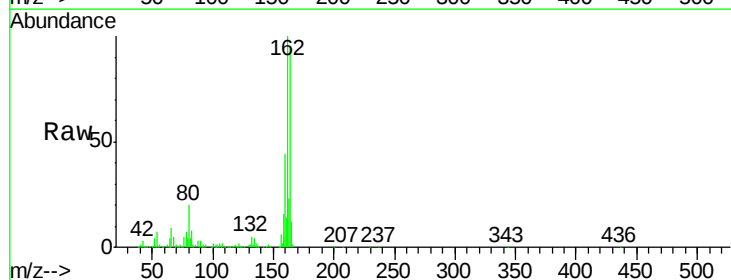
RT: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

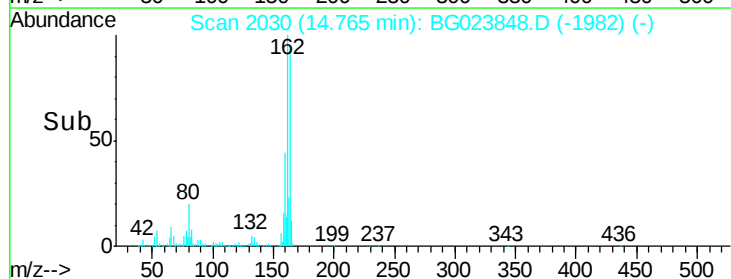
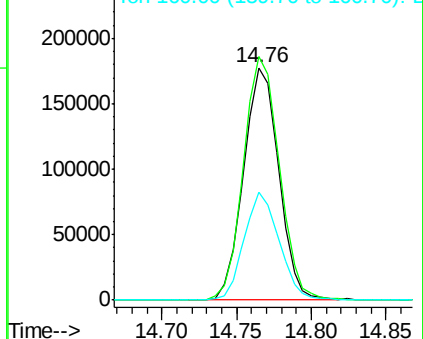
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	87.7	131.5
160	46.6	37.2	55.8

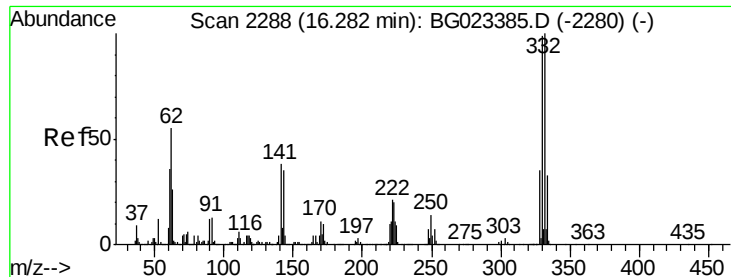


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

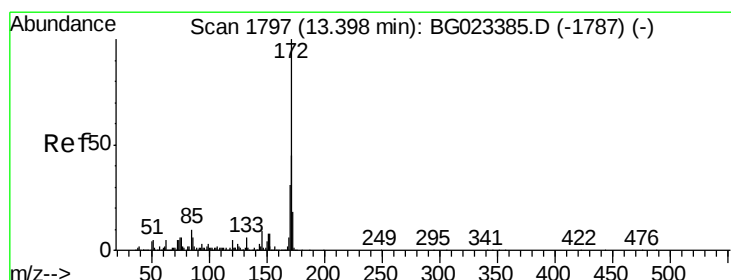
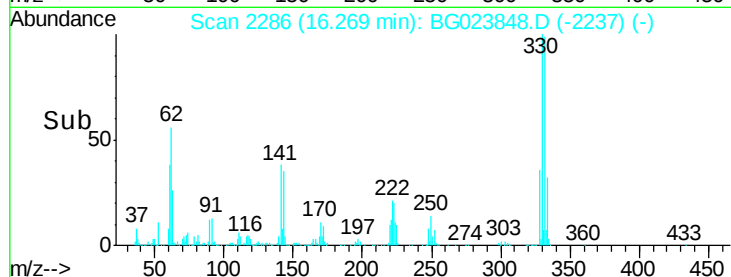
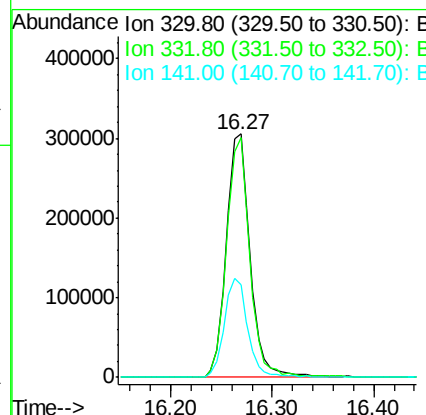
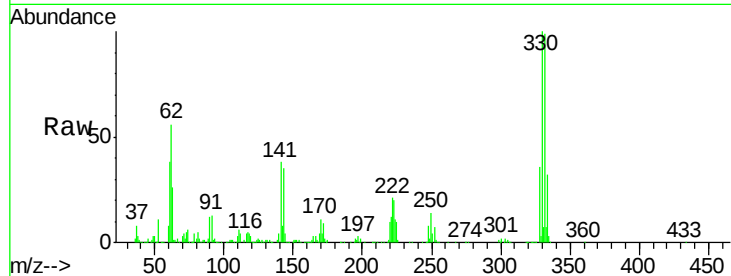




#41
 2,4,6-Tribromophenol
 Concen: 118.17 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

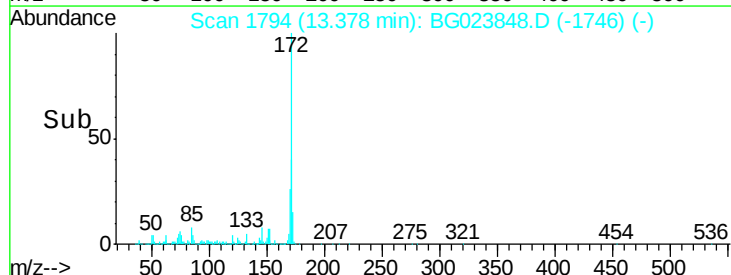
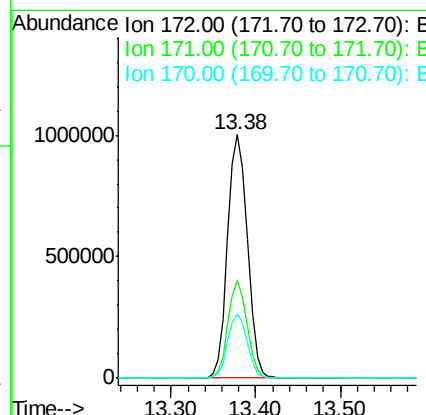
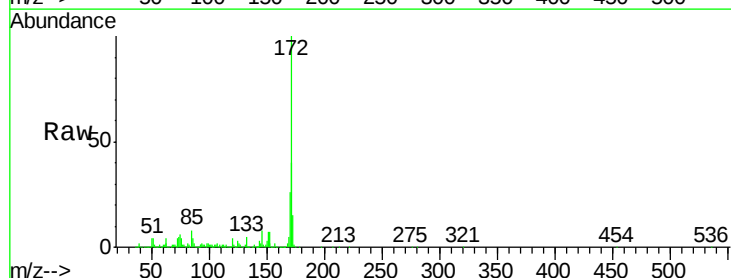
Instrument :
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 PB93006BL

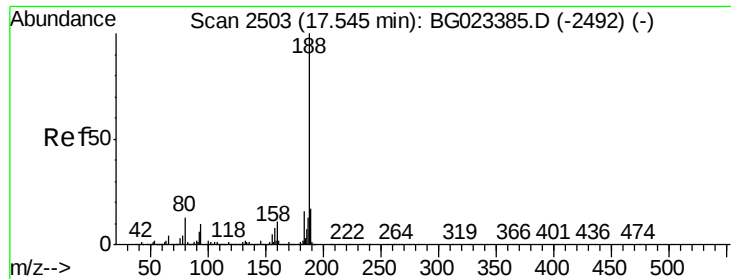
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	40.2	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 95.23 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023848.D
 Acq: 23 Aug 2016 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	26.4	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

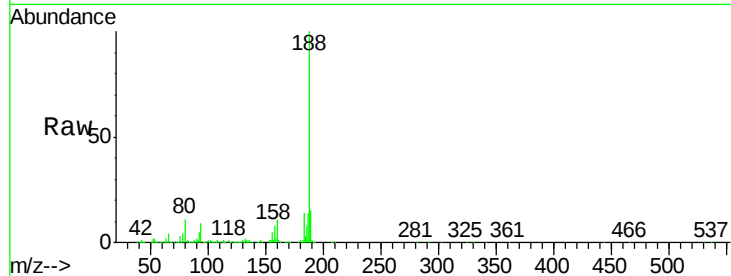
Tgt Ion:188 Resp: 698673

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

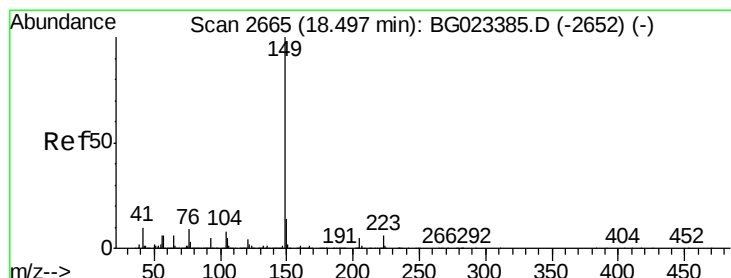
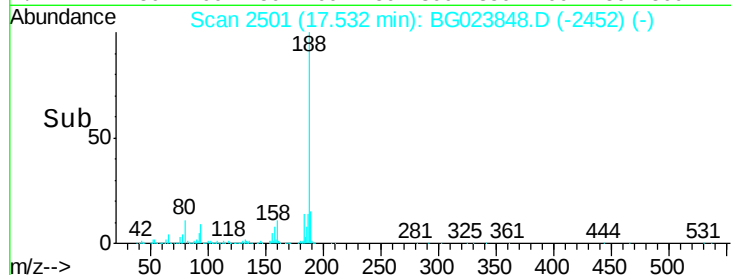
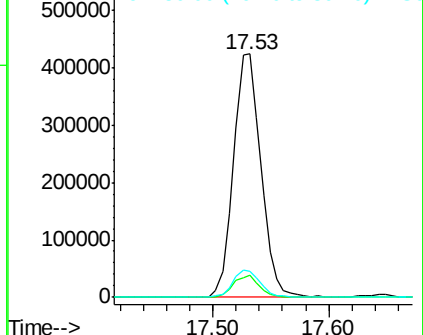
80 10.8 7.2 10.8#



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: BG023848.D

Acq: 23 Aug 2016 11:52

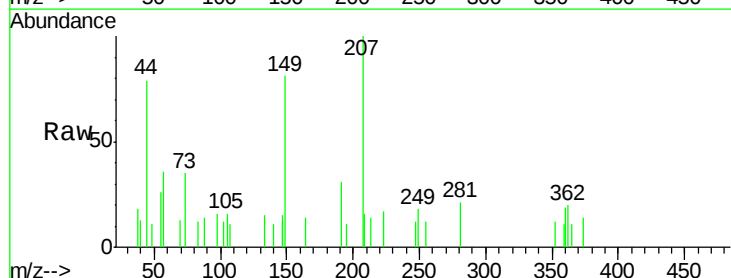
Tgt Ion:149 Resp: 1842

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

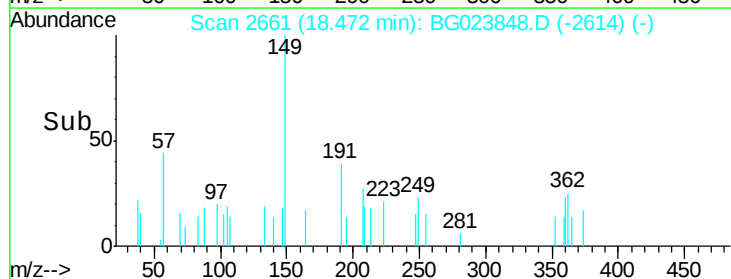
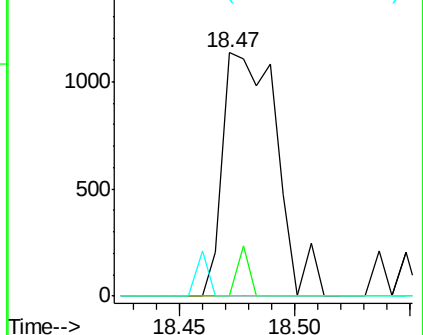
104 0.0 6.9 10.3#

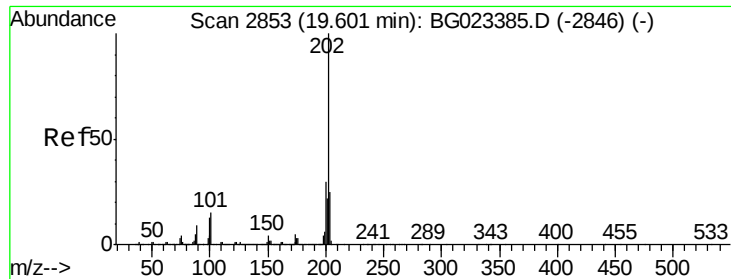


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

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ClientSampleId :

PB93006BL

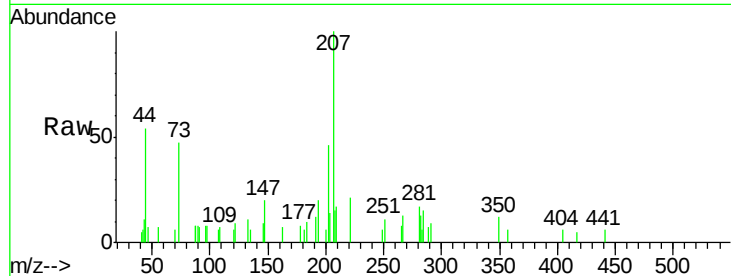
Tgt Ion:202 Resp: 1492

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

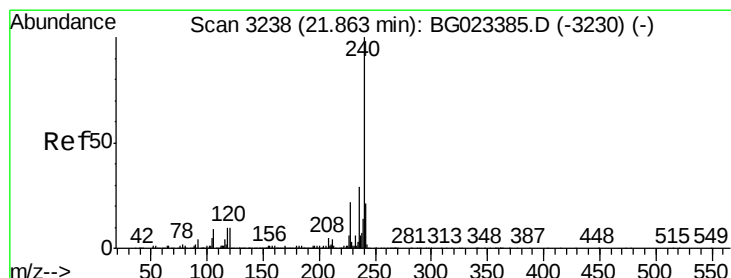
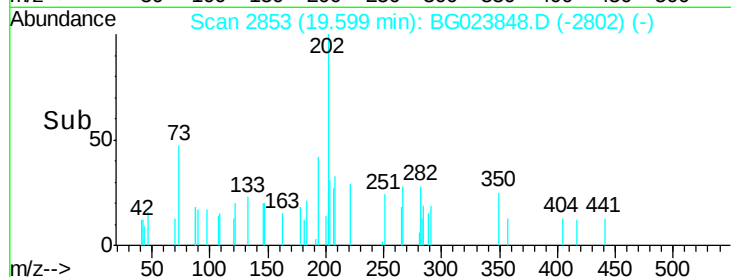
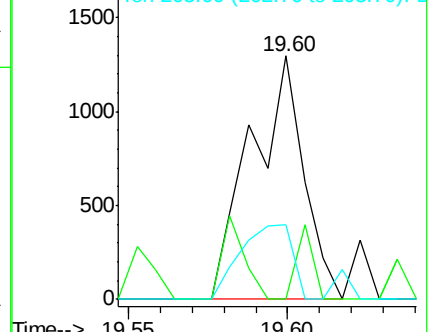
203 30.8 1.7 41.7



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# 3235

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

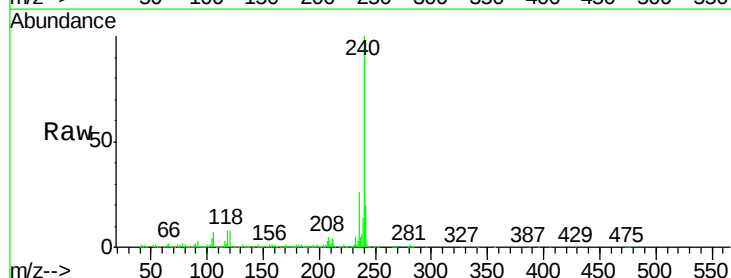
Tgt Ion:240 Resp: 770842

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

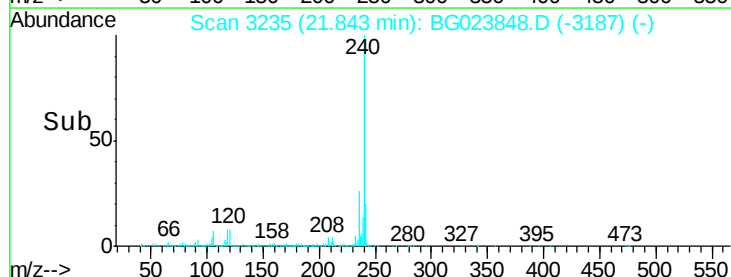
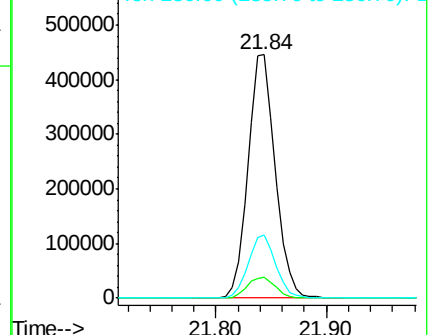
236 25.8 21.1 31.7

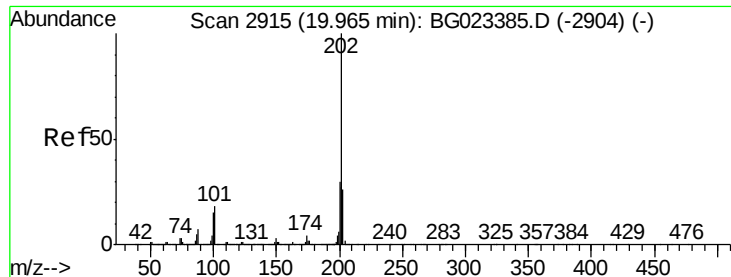


Abundance Ion 240.00 (239.70 to 240.70): E

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# 2915

Delta R.T. -0.00 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

Instrument :

BNA_G

ClientSampleId :

PB93006BL

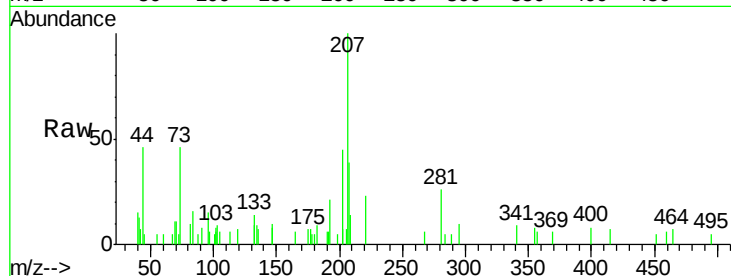
Tgt Ion: 202 Resp: 1773

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

203 16.5 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

1500

1000

500

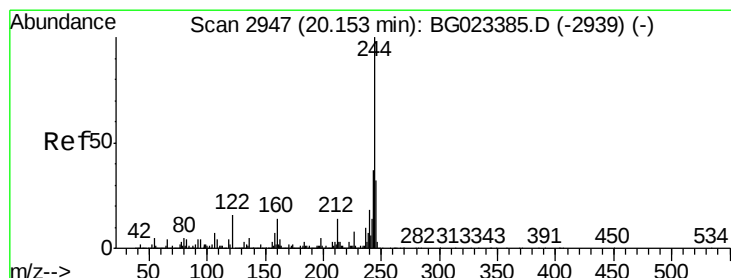
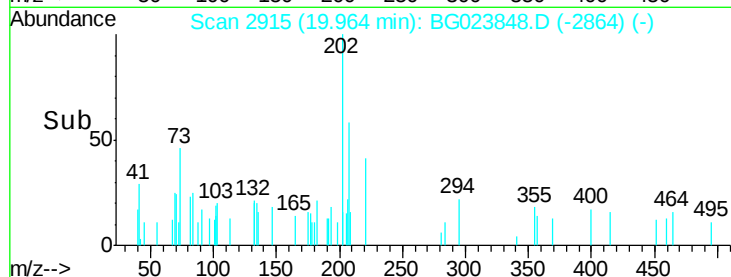
0

19.90

19.96

20.00

Time-->



#78

Terphenyl-d14

Concen: 98.23 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023848.D

Acq: 23 Aug 2016 11:52

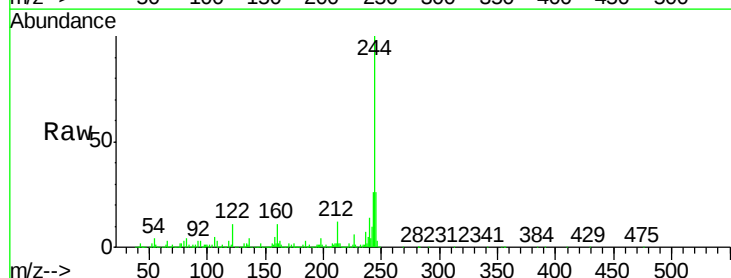
Tgt Ion: 244 Resp: 2346308

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

122 11.4 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

2000000

1500000

1000000

500000

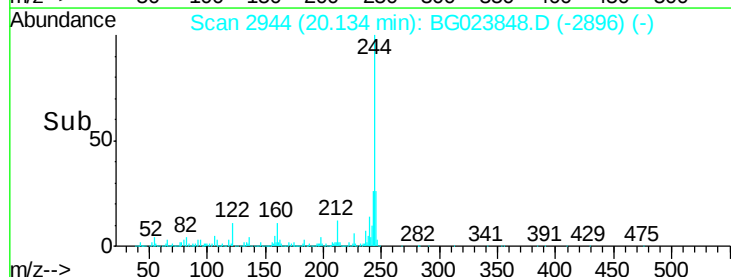
0

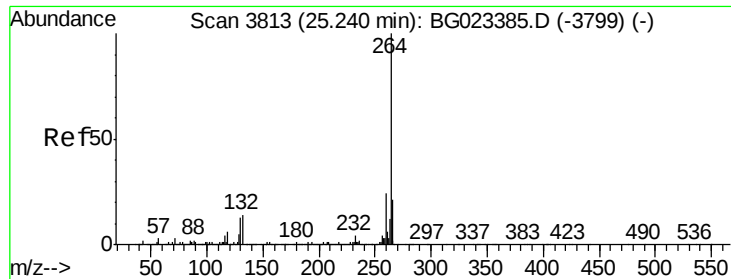
20.10

20.13

20.20

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BG023848.D
Acq: 23 Aug 2016 11:52

Instrument :
BNA_G
ClientSampleId :
PB93006BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	18.9	28.3

