

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
 Data File : BG023888.D
 Acq On : 24 Aug 2016 17:29
 Operator : UM/SJ
 Sample : H4567-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 24 18:19:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

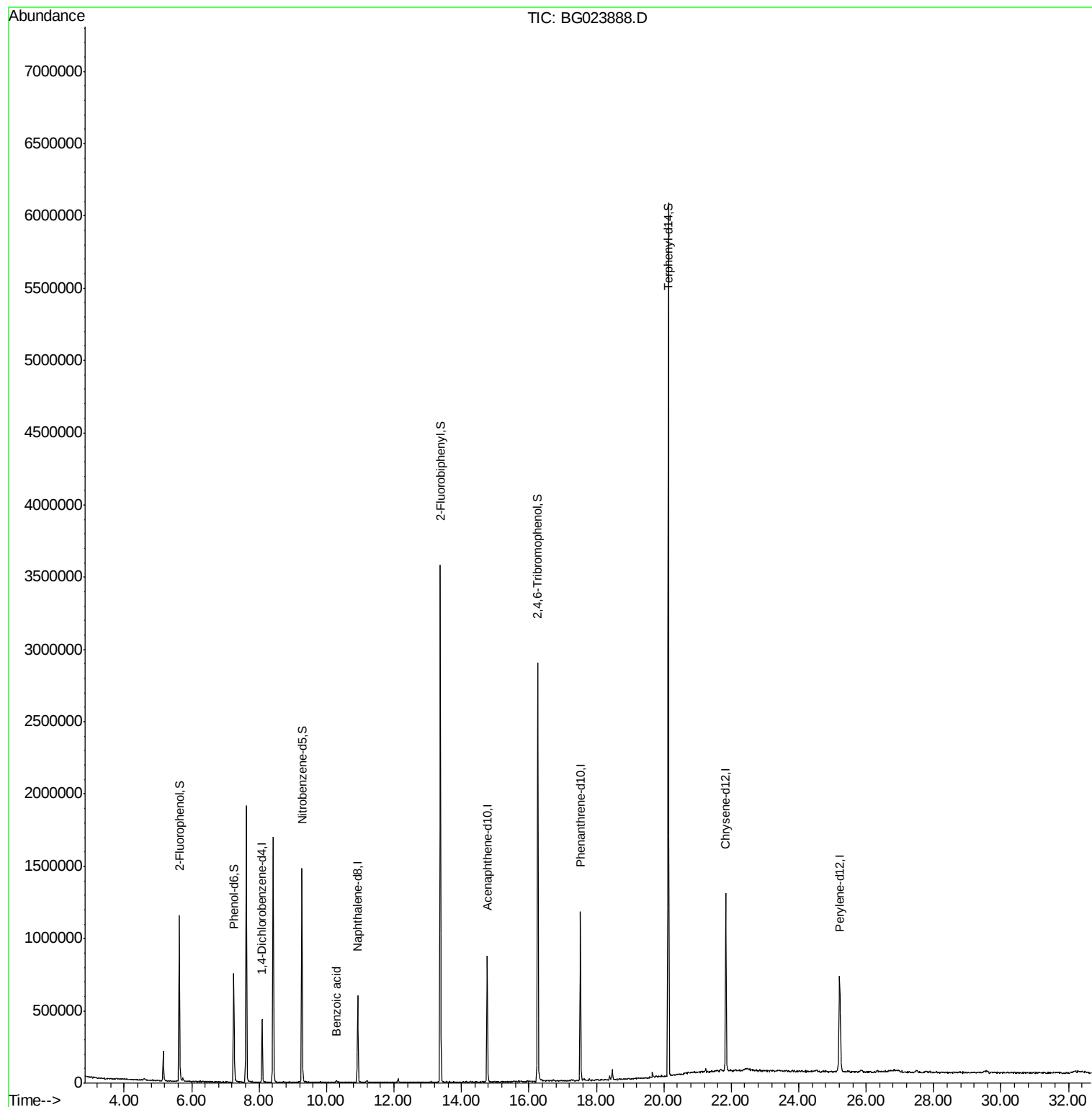
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	121776	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	492372	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	304984	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	717511	20.00	ng	0.00
75) Chrysene-d12	21.84	240	757230	20.00	ng	0.00
86) Perylene-d12	25.21	264	733994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	477298	65.98	ng	0.00
7) Phenol-d6	7.25	99	449979	39.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	939576	94.87	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	505528	113.32	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1751545	96.87	ng	0.00
78) Terphenyl-d14	20.14	244	2248503	95.23	ng	0.00
Target Compounds						
9) Benzaldehyde	7.24	77	1075	Below Cal	#	8
32) Benzoic acid	10.29	122	182	6.46 ng	#	41
73) Di-n-butylphthalate	18.47	149	45305	Below Cal	#	94
74) Fluoranthene	19.58	202	290	Below Cal	#	57
77) Pyrene	19.95	202	787	Below Cal	#	51

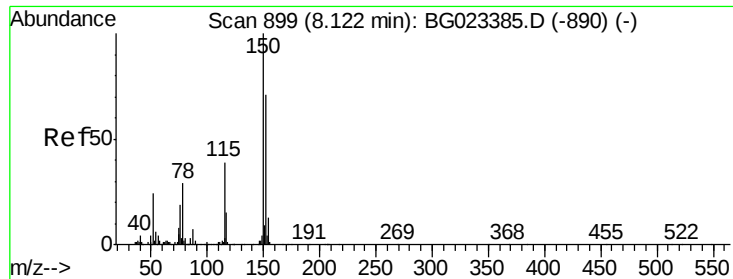
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

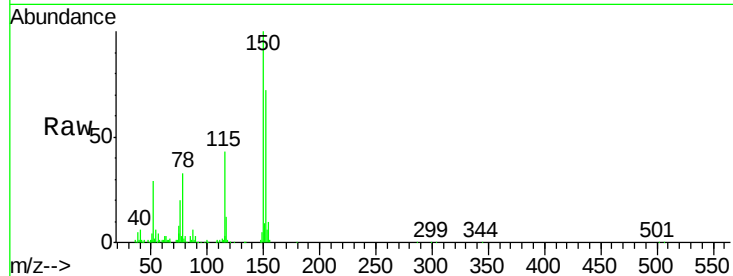
Tgt Ion:152 Resp: 121776

Ion Ratio Lower Upper

152 100

150 138.9 144.7 217.1#

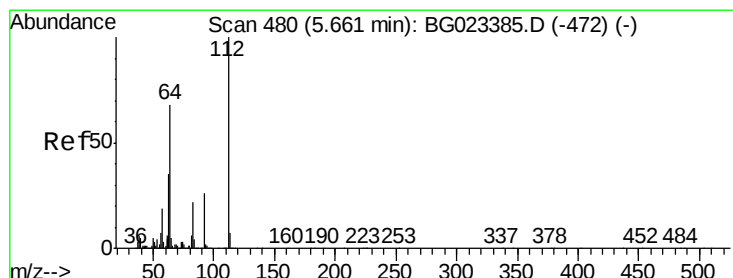
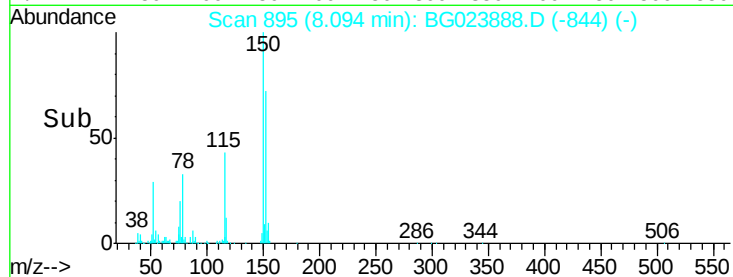
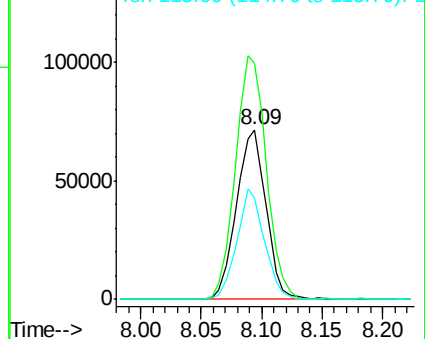
115 59.9 64.0 96.0#



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: 65.98 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

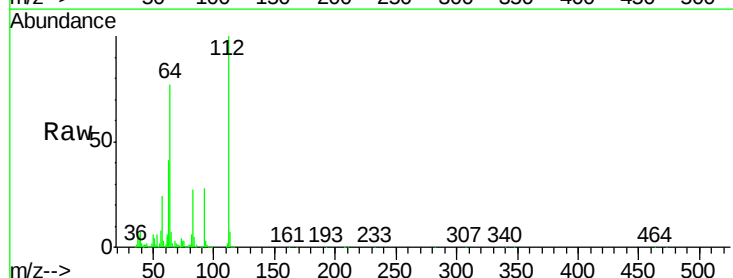
Tgt Ion:112 Resp: 477298

Ion Ratio Lower Upper

112 100

64 76.5 59.0 88.4

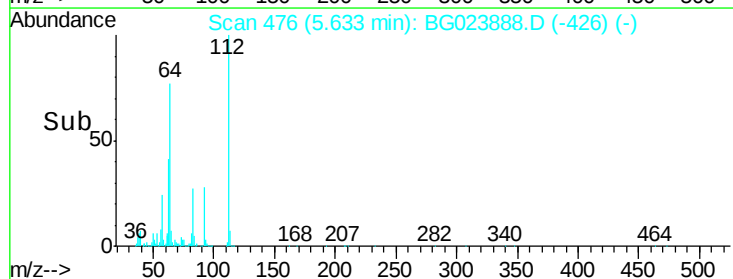
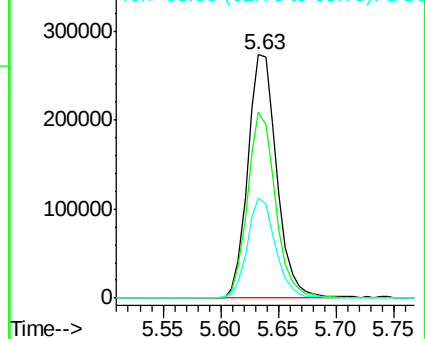
63 41.4 37.8 56.8

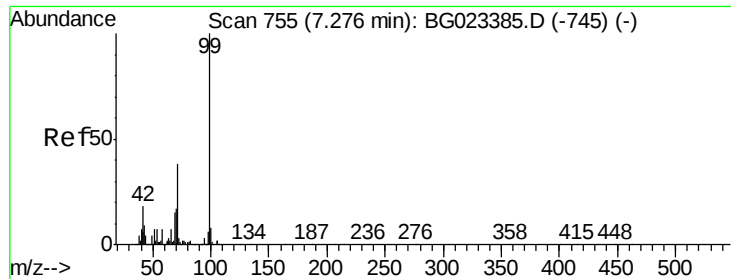


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.93 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

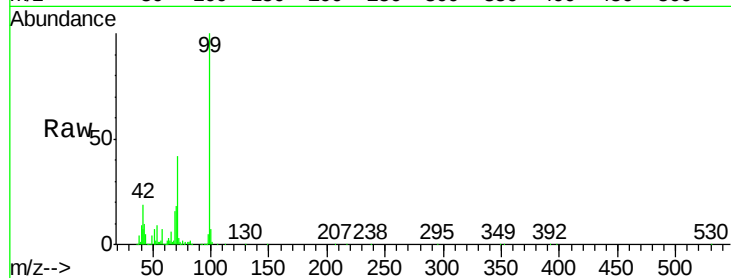
Tgt Ion: 99 Resp: 449979

Ion Ratio Lower Upper

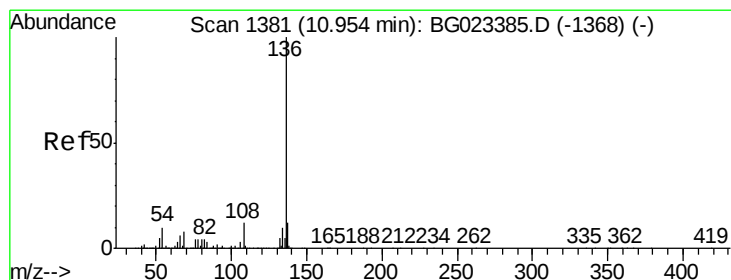
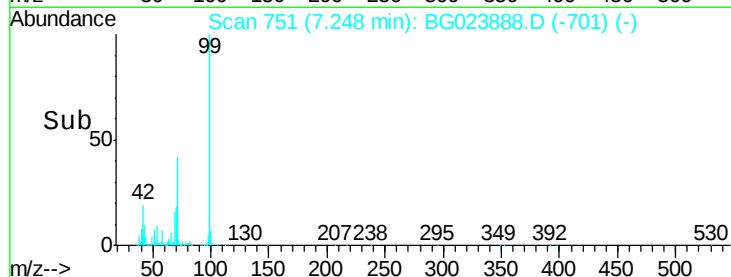
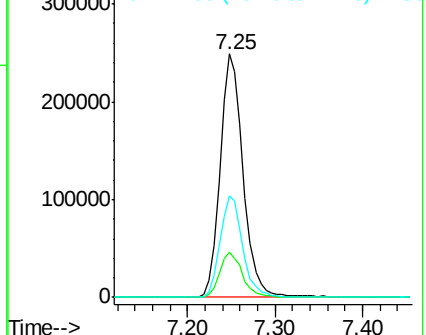
99 100

42 18.7 17.8 26.6

71 41.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Tgt Ion: 136 Resp: 492372

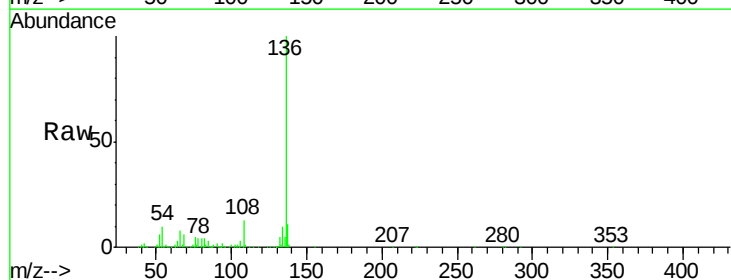
Ion Ratio Lower Upper

136 100

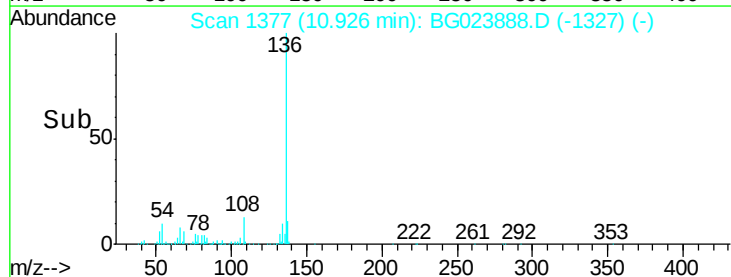
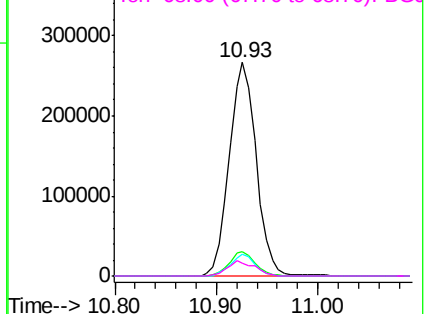
137 11.4 9.6 14.4

54 10.2 7.3 10.9

68 6.2 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

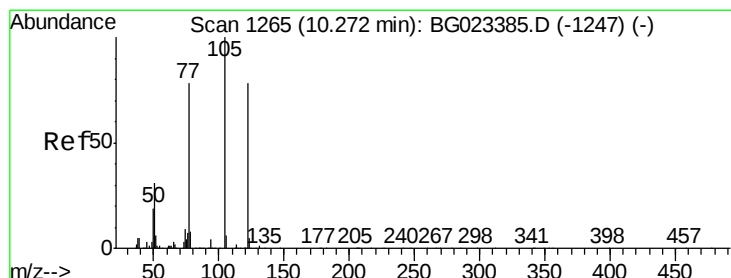
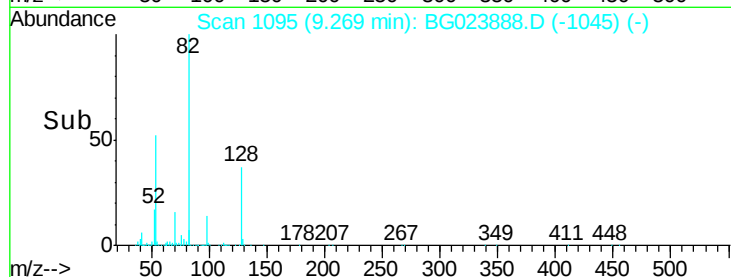
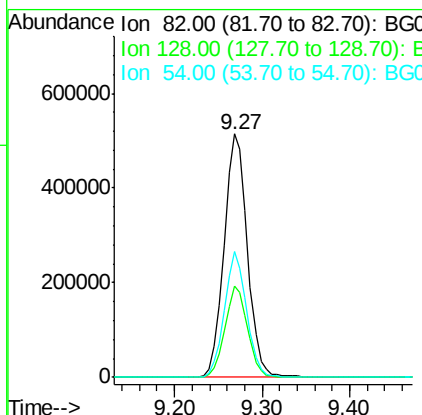
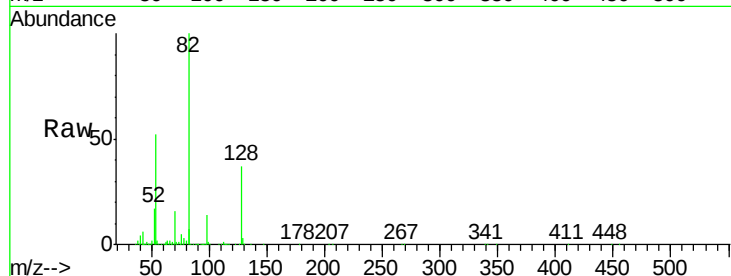




#23
 Nitrobenzene-d5
 Concen: 94.87 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

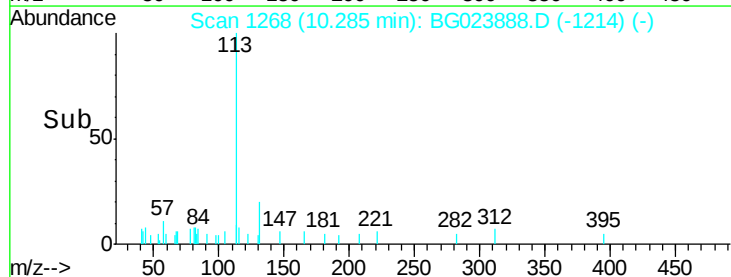
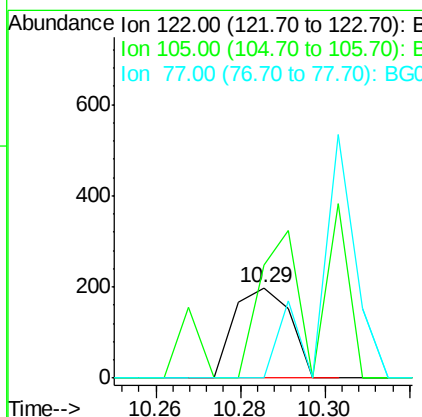
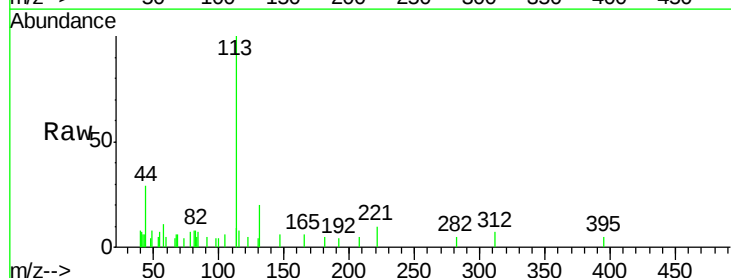
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

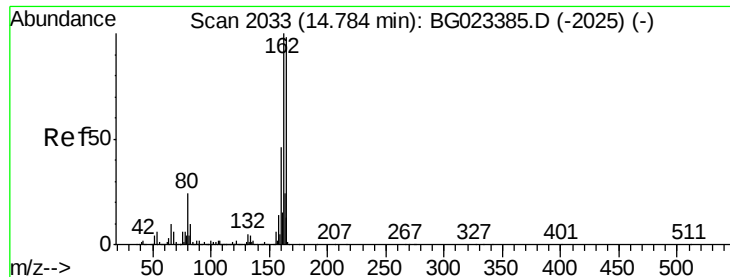
Tgt Ion: 82 Resp: 939576
 Ion Ratio Lower Upper
 82 100
 128 37.5 24.4 36.6#
 54 51.7 41.4 62.0



#32
 Benzoic acid
 Concen: 6.46 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

Tgt Ion: 122 Resp: 182
 Ion Ratio Lower Upper
 122 100
 105 125.8 117.2 157.2
 77 0.0 109.2 149.2#

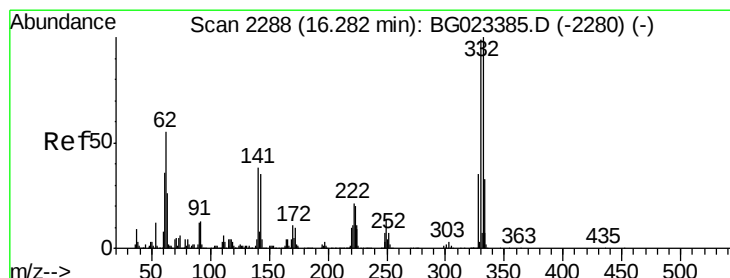
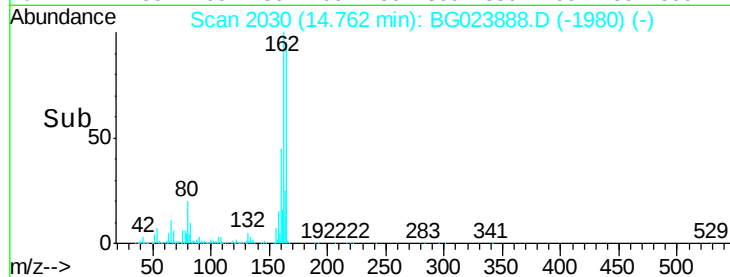
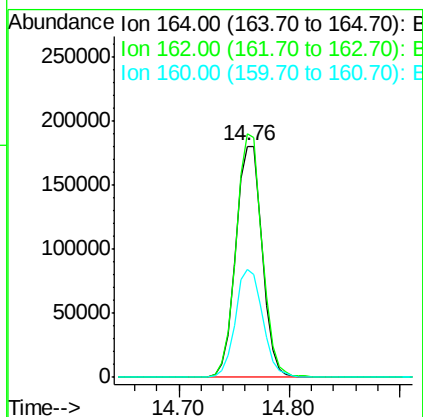
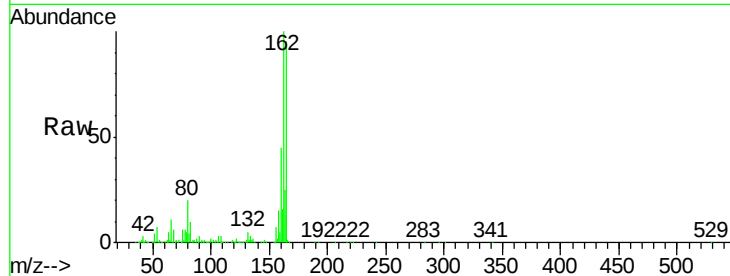




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023888.D
Acq: 24 Aug 2016 17:29

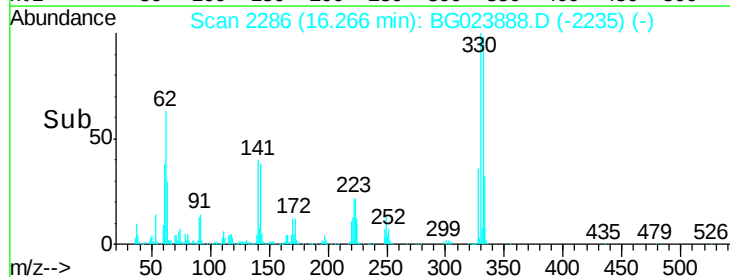
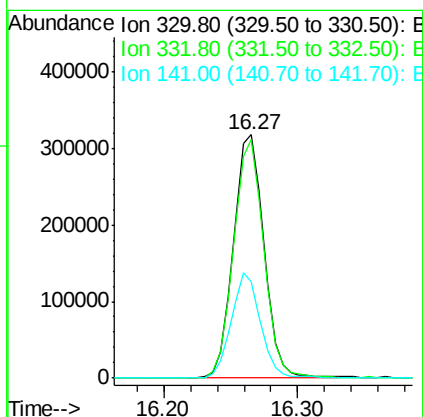
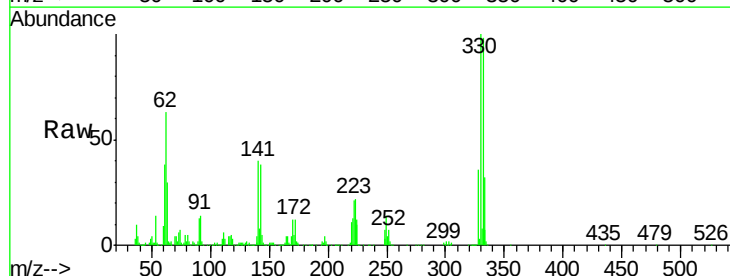
Instrument :
BNA_G
ClientSampleId :
MW-4

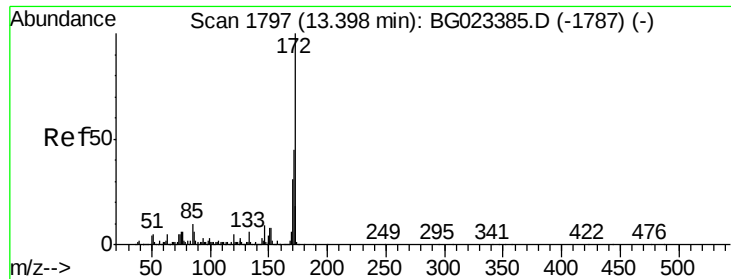
Tgt Ion:164 Resp: 304984
Ion Ratio Lower Upper
164 100
162 105.5 87.7 131.5
160 47.0 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 113.32 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG023888.D
Acq: 24 Aug 2016 17:29

Tgt Ion:330 Resp: 505528
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 41.9 31.7 47.5

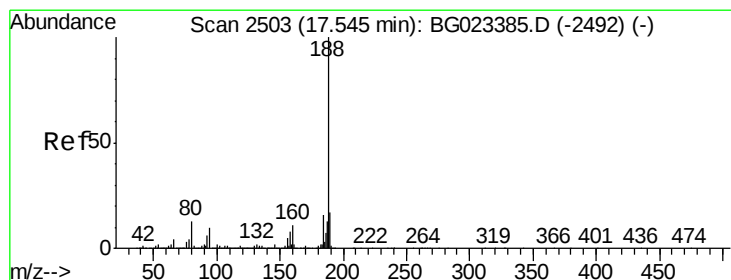
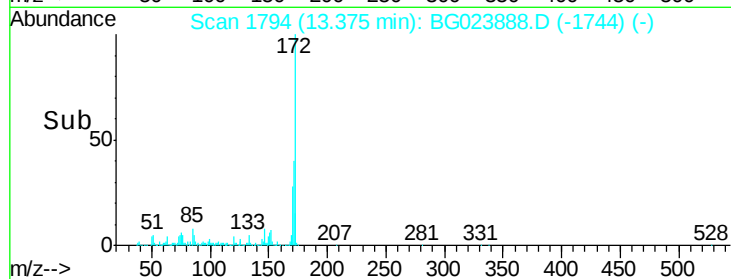
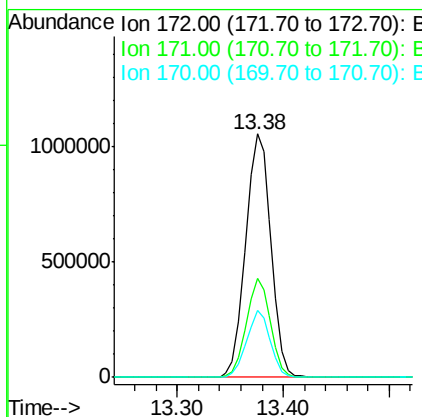
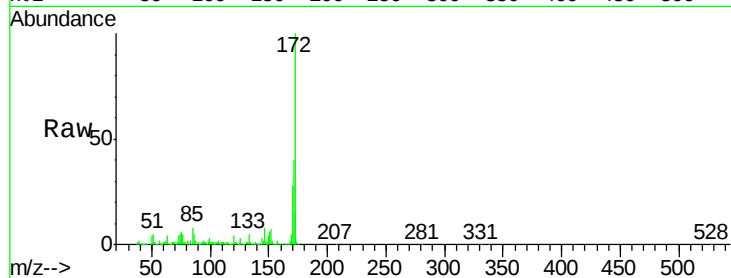




#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

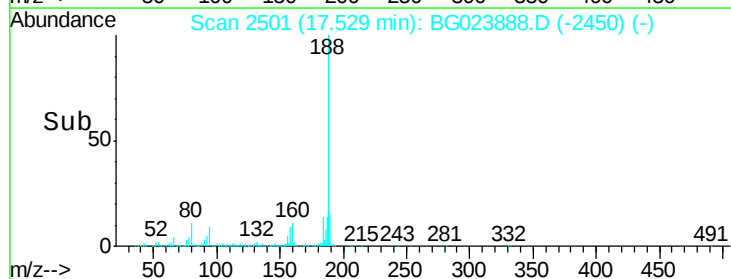
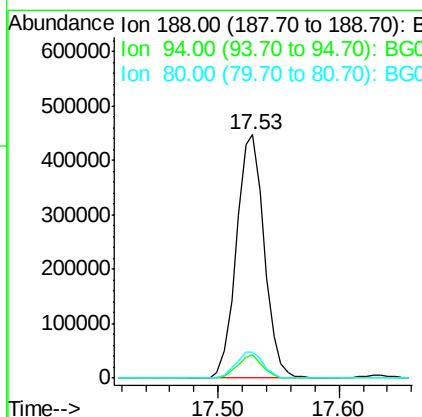
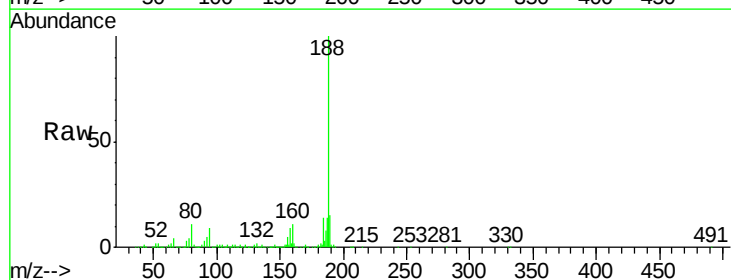
Instrument :
 BNA_G
 ClientSampled :
 MW-4

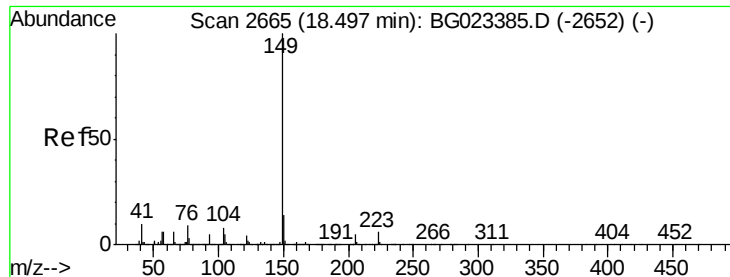
Tgt Ion:172 Resp: 1751545
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.5 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

Tgt Ion:188 Resp: 717511
 Ion Ratio Lower Upper
 188 100
 94 9.4 5.2 7.8#
 80 10.8 7.2 10.8

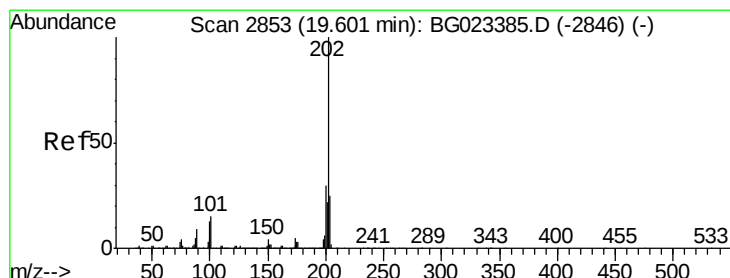
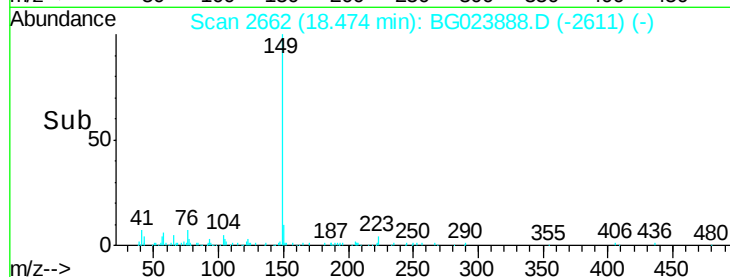
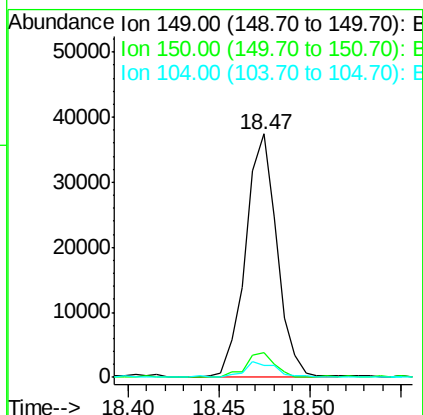
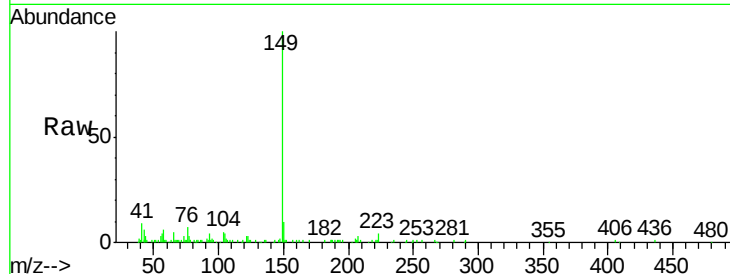




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2662
Delta R.T. -0.00 min
Lab File: BG023888.D
Acq: 24 Aug 2016 17:29

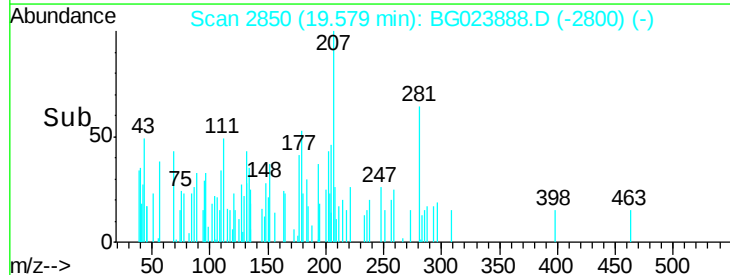
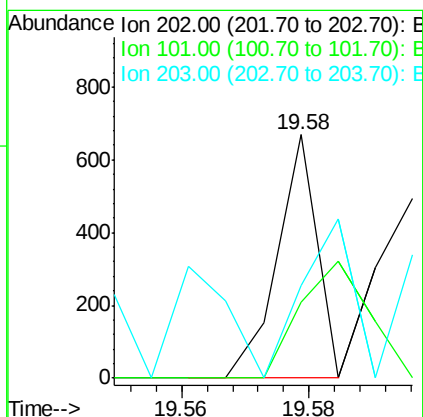
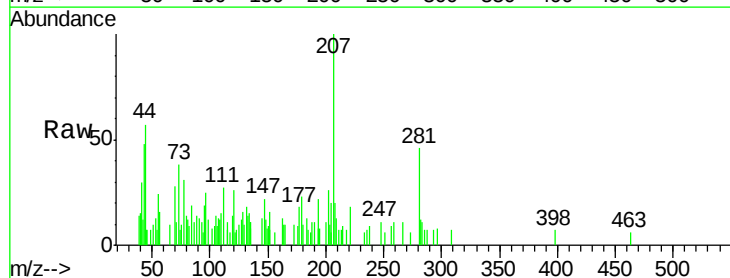
Instrument :
BNA_G
ClientSampleId :
MW-4

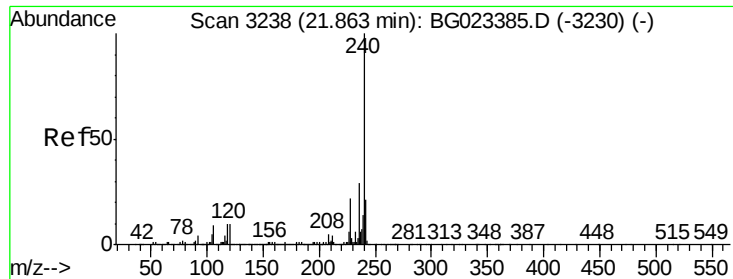
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.1	13.7
104	4.9	6.9	10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.58 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG023888.D
Acq: 24 Aug 2016 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	31.1	0.0	27.4#
203	38.1	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampled :

MW-4

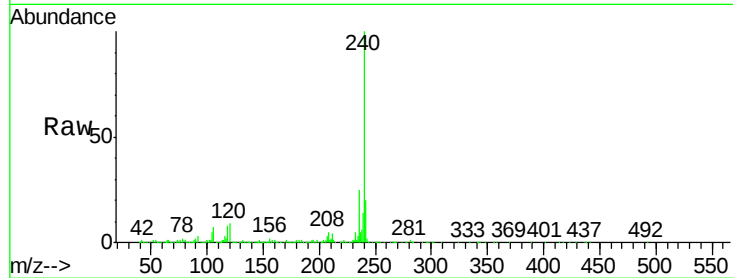
Tgt Ion:240 Resp: 757230

Ion Ratio Lower Upper

240 100

120 8.9 4.1 6.1#

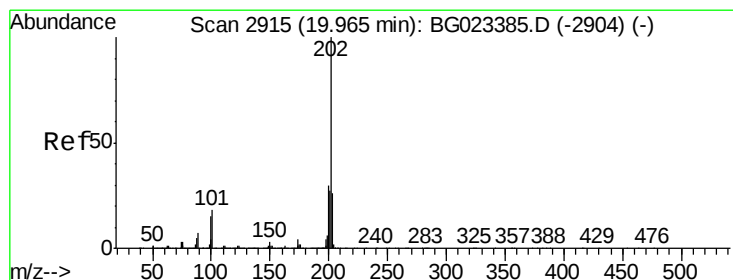
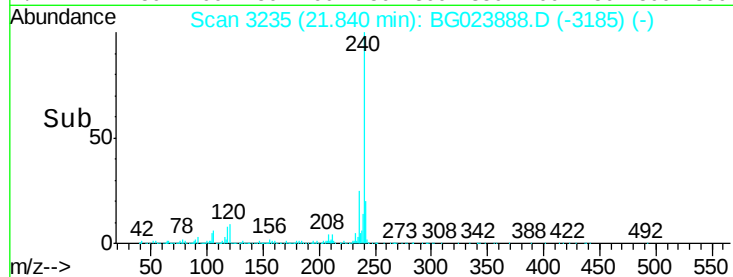
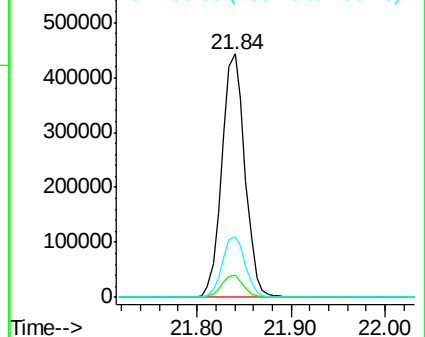
236 25.0 21.1 31.7



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. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

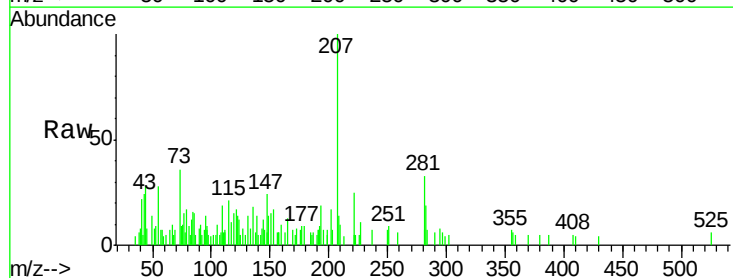
Tgt Ion:202 Resp: 787

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

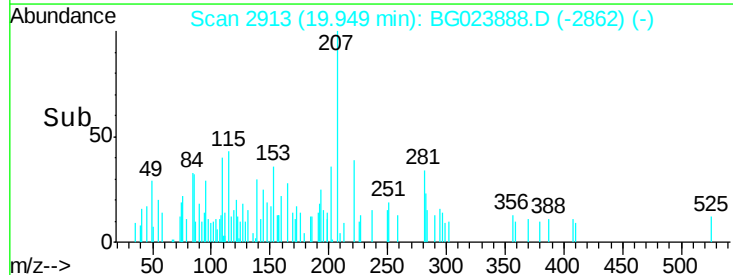
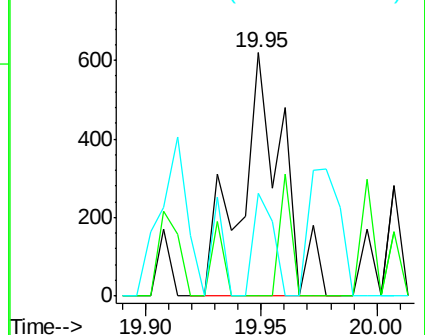
203 42.3 16.8 25.2#

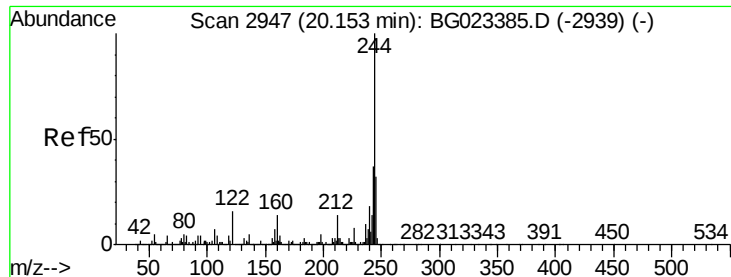


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.23 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

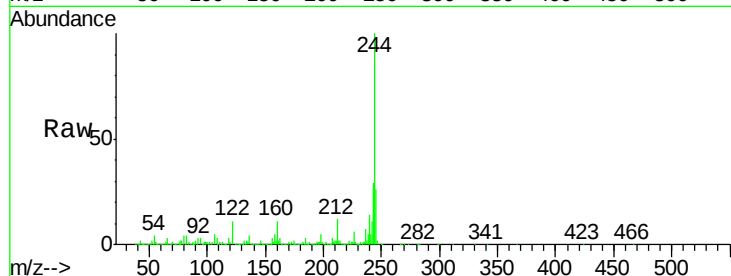
Tgt Ion:244 Resp: 2248503

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.8	16.2
122	11.1	8.0	12.0

244 100

212 11.7 10.8 16.2

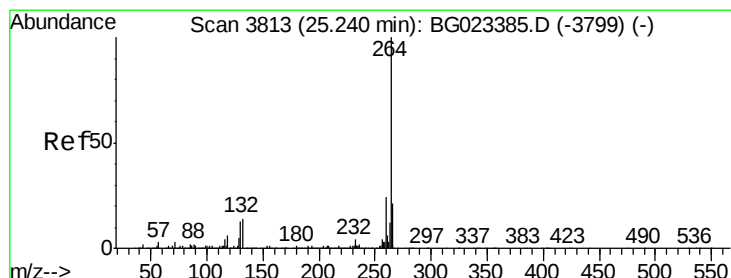
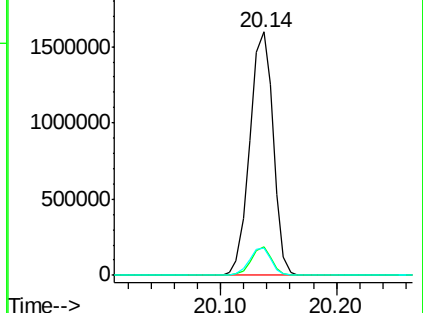
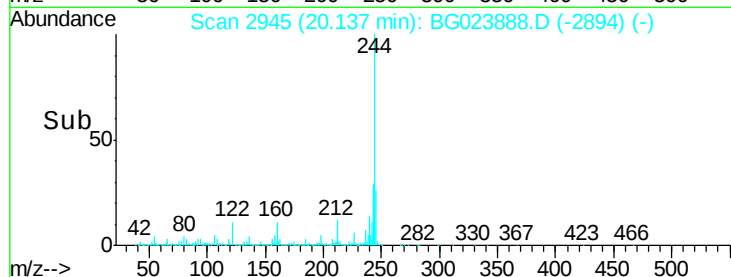
122 11.1 8.0 12.0



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: 25.21 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

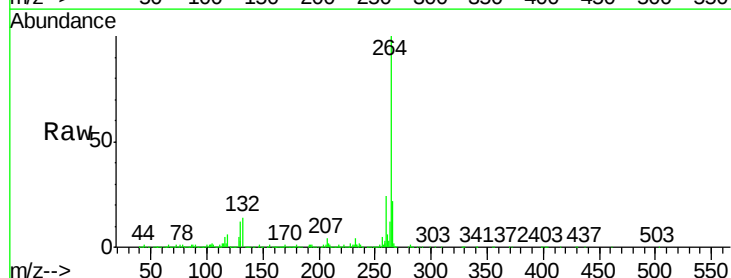
Tgt Ion:264 Resp: 733994

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.1	18.9	28.3

264 100

260 23.6 18.4 27.6

265 22.1 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

