

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
 Data File : BG023889.D
 Acq On : 24 Aug 2016 18:07
 Operator : UM/SJ
 Sample : H4567-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Aug 24 18:43:51 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

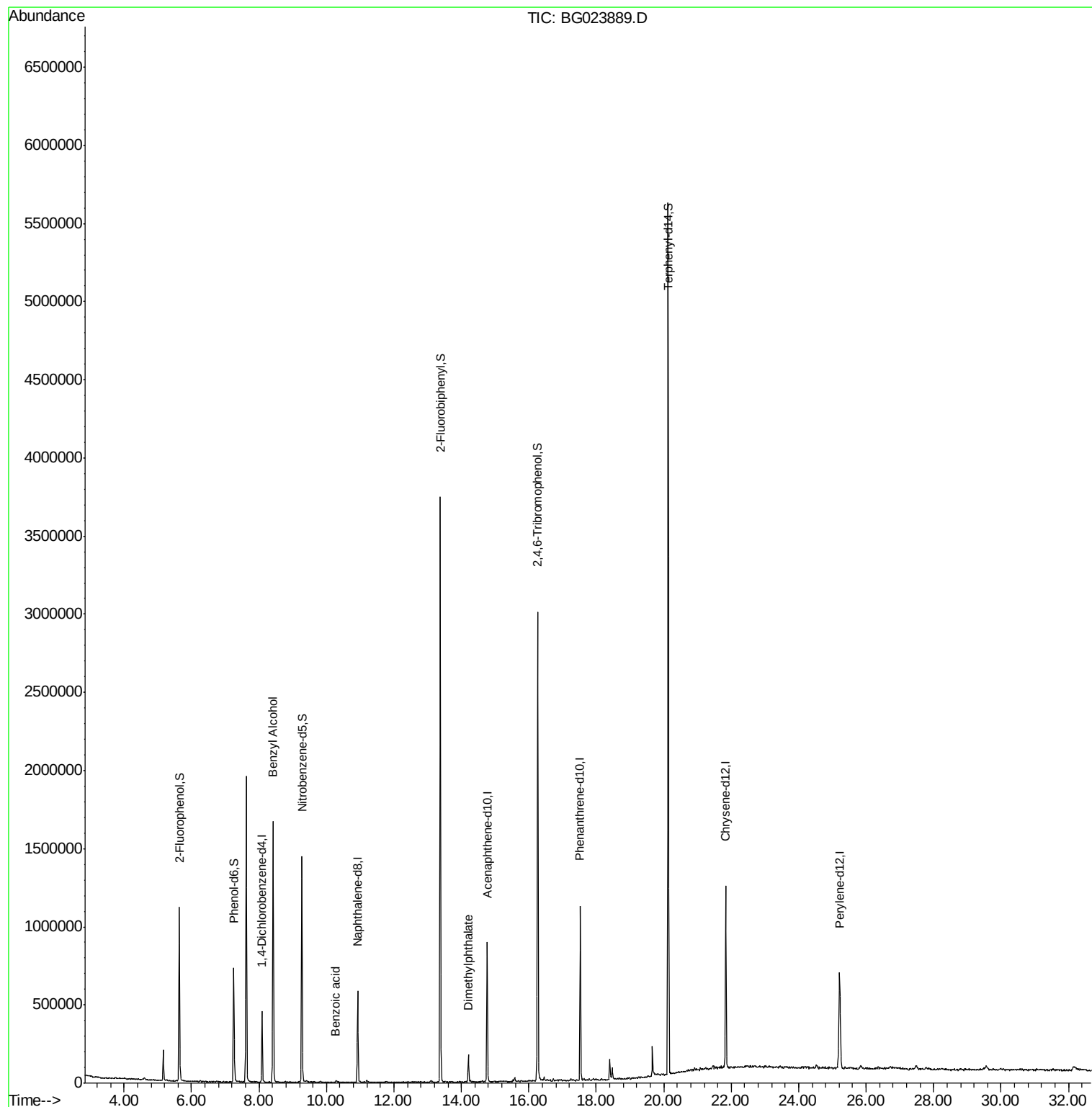
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116354	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	490665	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	299981	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	675921	20.00	ng	0.00
75) Chrysene-d12	21.84	240	705514	20.00	ng	0.00
86) Perylene-d12	25.22	264	694492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	474787	68.69	ng	0.00
7) Phenol-d6	7.25	99	438095	40.69	ng	0.00
23) Nitrobenzene-d5	9.27	82	942168	95.46	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	507056	115.56	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1777449	99.94	ng	0.00
78) Terphenyl-d14	20.13	244	2193178	100.85	ng	0.00
Target Compounds						
9) Benzaldehyde	7.24	77	860	Below Cal	#	32
15) Benzyl Alcohol	8.41	79	16953	2.08 ng	#	67
32) Benzoic acid	10.27	122	95	6.45 ng	#	48
49) Dimethylphthalate	14.20	163	111079	4.83 ng		97
73) Di-n-butylphthalate	18.48	149	49723	Below Cal	#	92
74) Fluoranthene	19.79	202	234	Below Cal		68
77) Pyrene	19.94	202	405	Below Cal	#	51

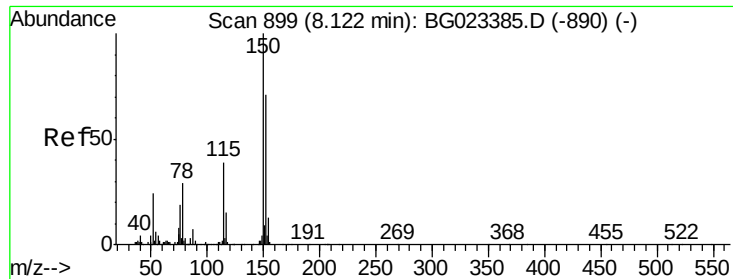
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

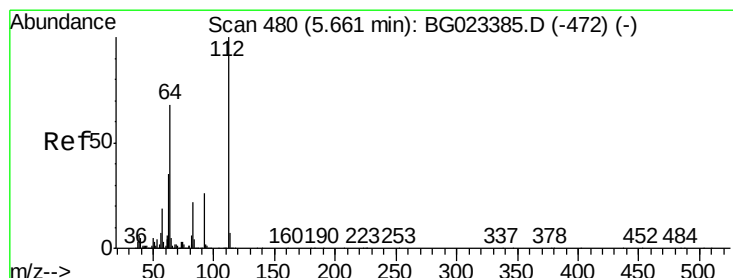
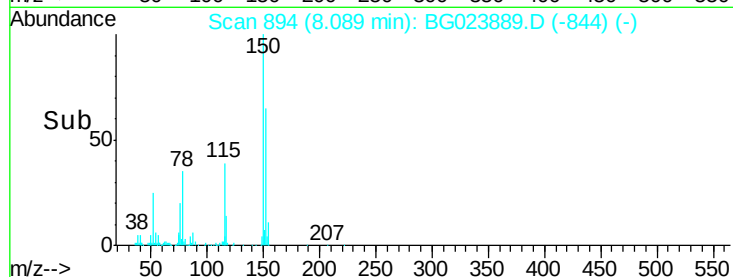
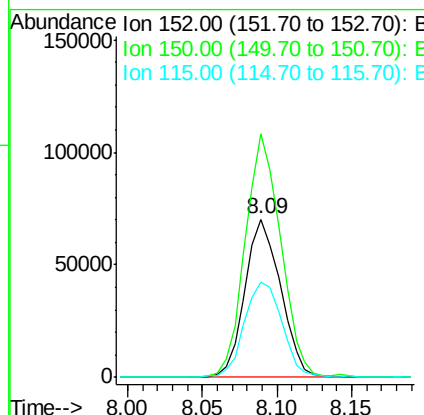
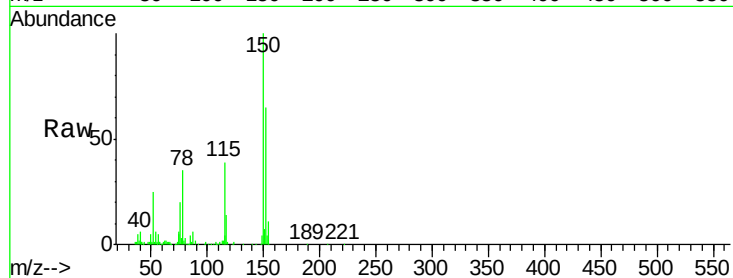
Instrument :

BNA_G

ClientSampleId :

MW-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	144.7	217.1
115	60.3	64.0	96.0



#5

2-Fluorophenol

Concen: 68.69 ng

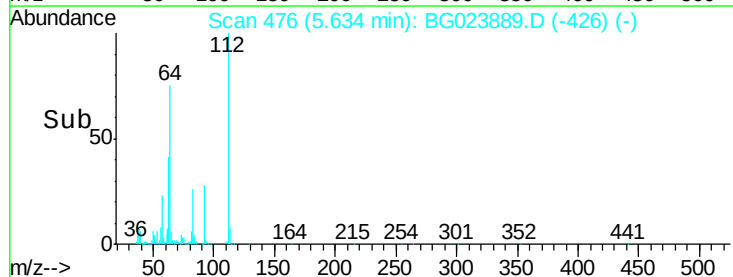
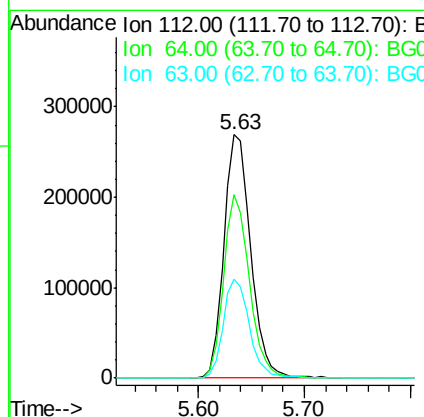
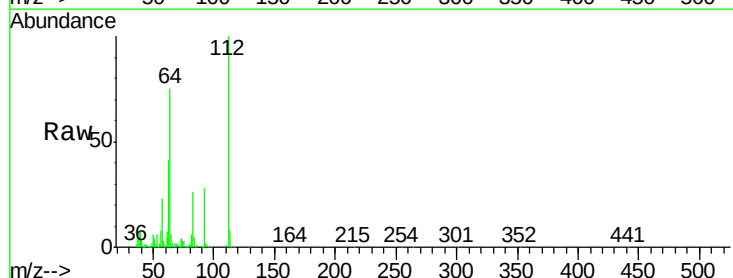
RT: 5.63 min Scan# 476

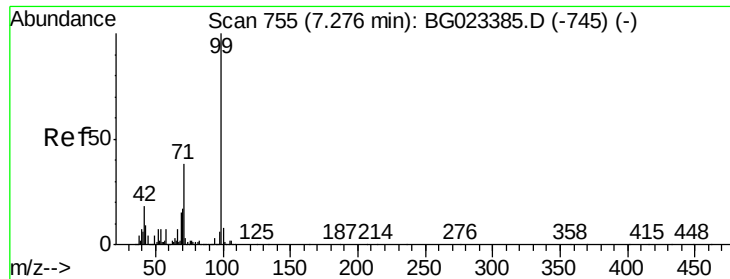
Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	59.0	88.4
63	40.8	37.8	56.8





#7

Phenol-d6

Concen: 40.69 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

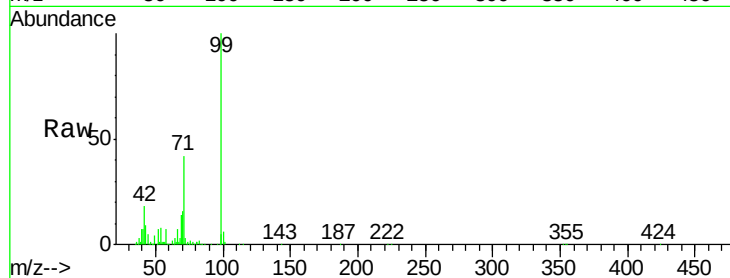
Tgt Ion: 99 Resp: 438095

Ion Ratio Lower Upper

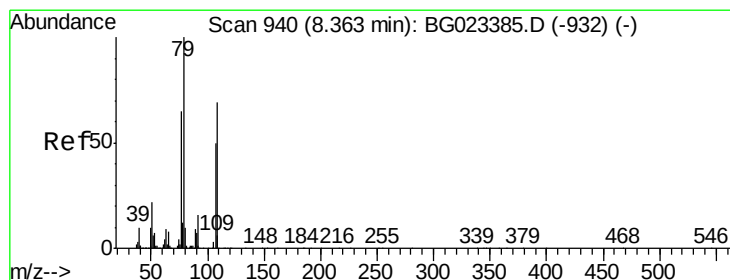
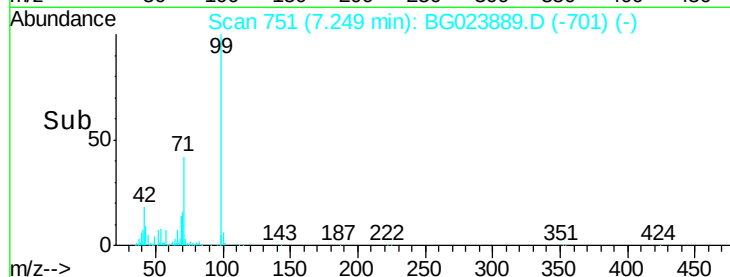
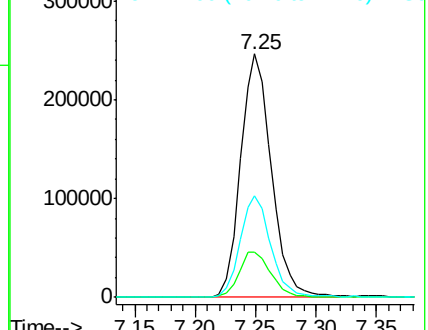
99 100

42 18.4 17.8 26.6

71 41.9 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: 2.08 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.07 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

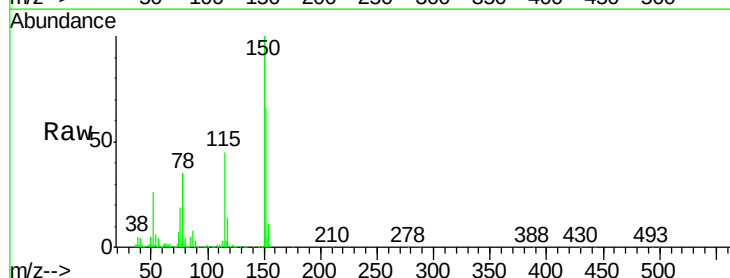
Tgt Ion: 79 Resp: 16953

Ion Ratio Lower Upper

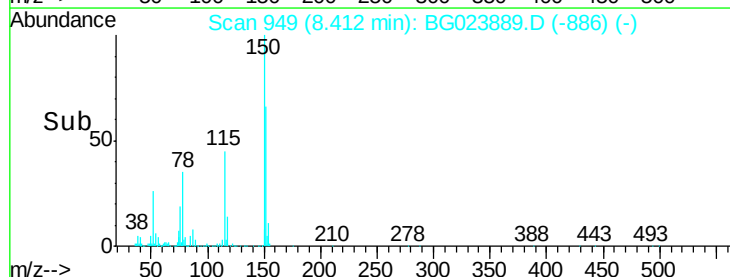
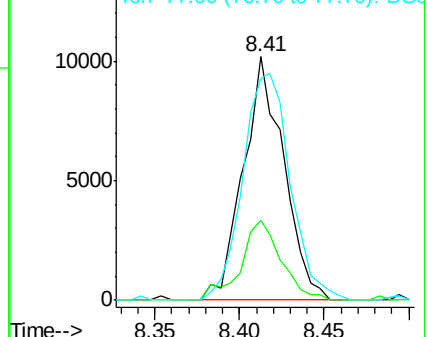
79 100

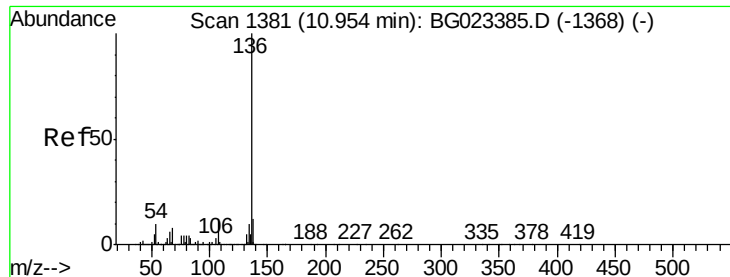
108 32.6 46.5 69.7#

77 91.1 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

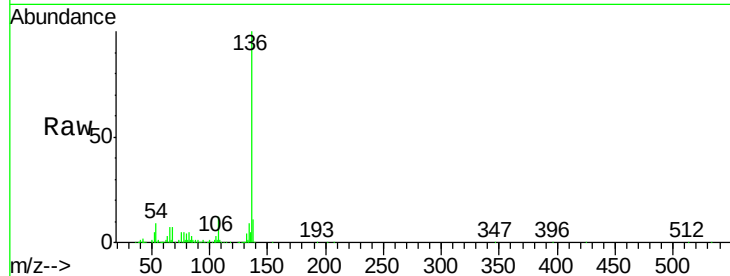




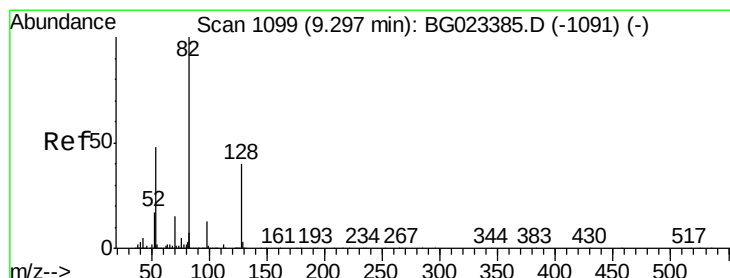
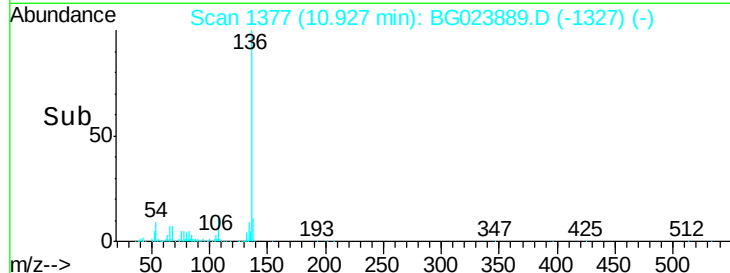
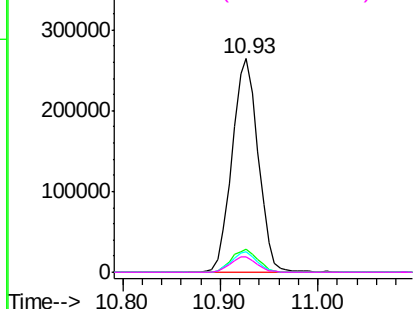
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Instrument :
BNA_G
ClientSampleId :
MW-5

Tgt Ion:	136	Resp:	490665
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.4	7.3	10.9
68	7.0	5.3	7.9

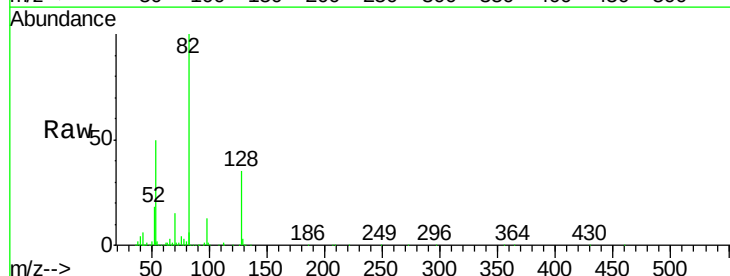


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

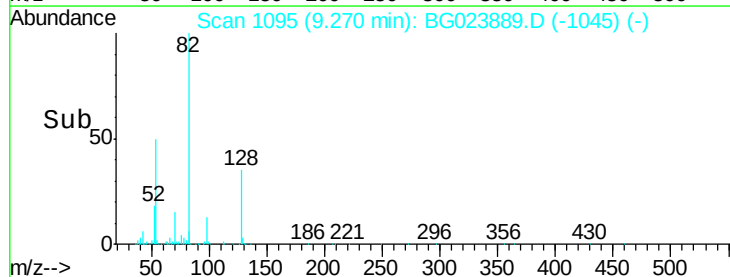
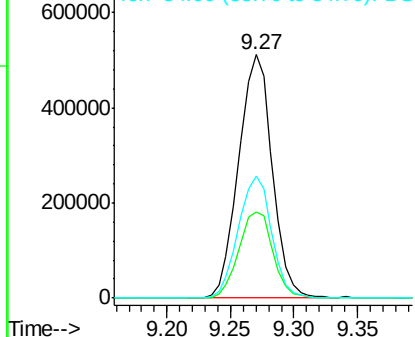


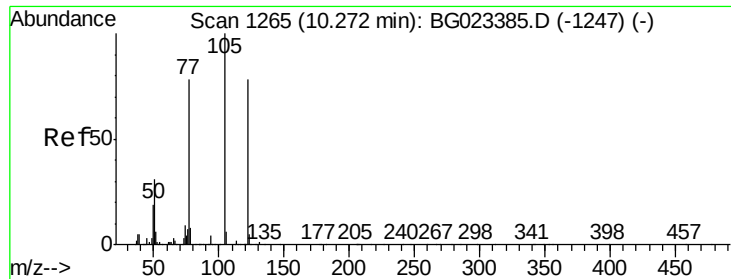
#23
Nitrobenzene-d5
Concen: 95.46 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Tgt Ion:	82	Resp:	942168
Ion	Ratio	Lower	Upper
82	100		
128	35.4	24.4	36.6
54	50.0	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

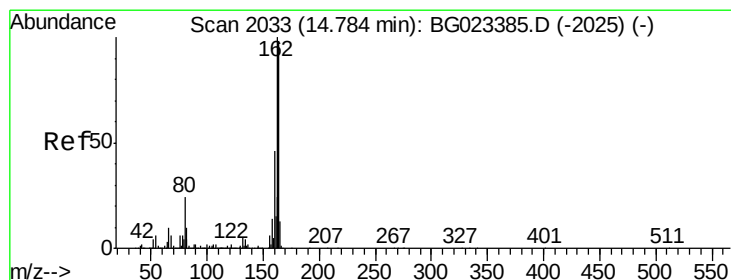
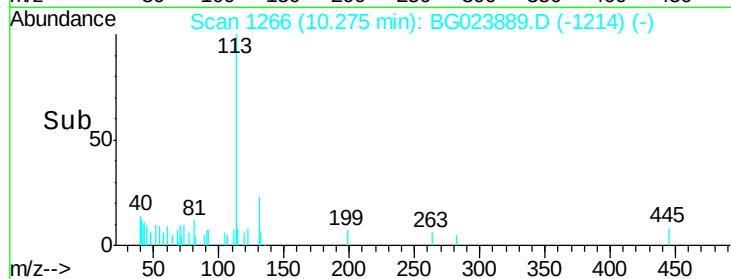
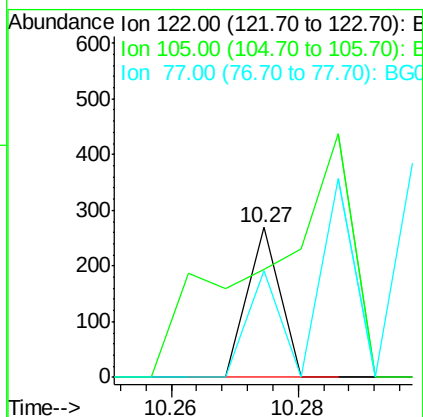
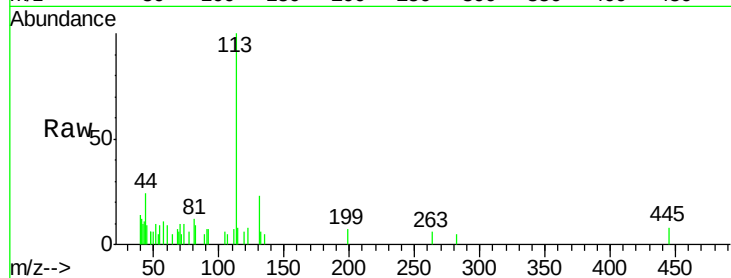




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.27 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

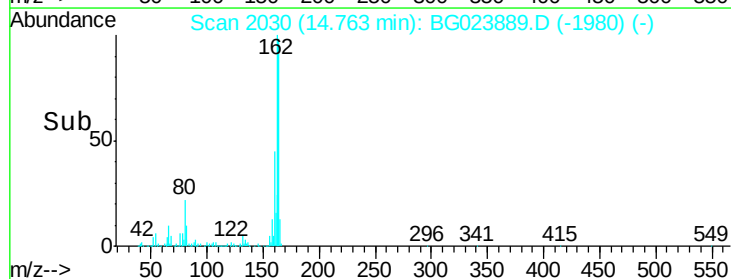
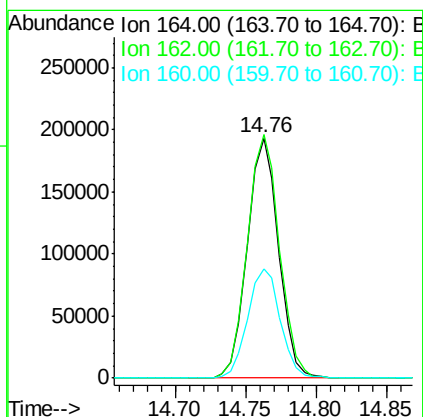
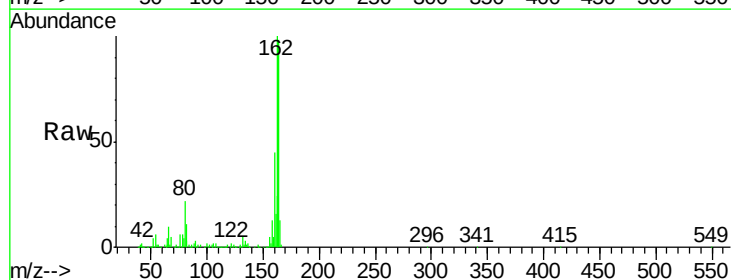
Instrument :
BNA_G
ClientSampleId :
MW-5

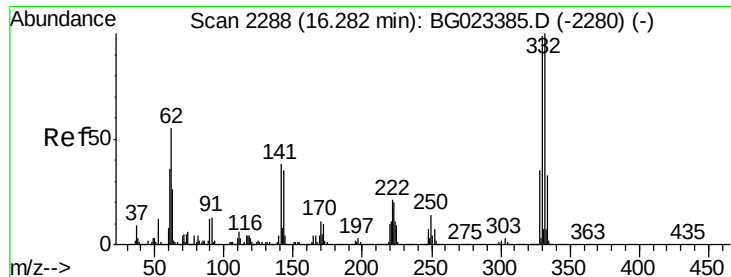
Tgt Ion	Ratio	Lower	Upper
122	100		
105	72.5	117.2	157.2#
77	71.0	109.2	149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	45.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 115.56 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

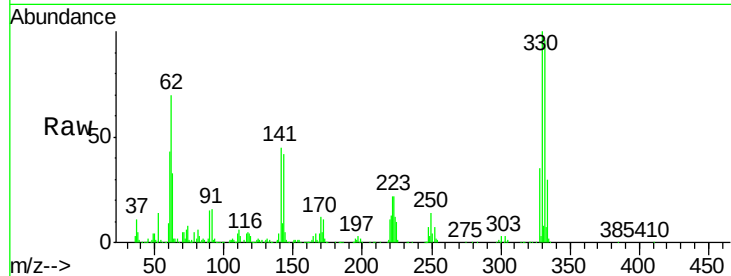
Tgt Ion:330 Resp: 507056

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

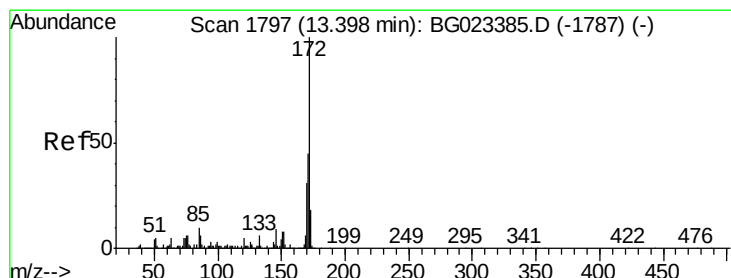
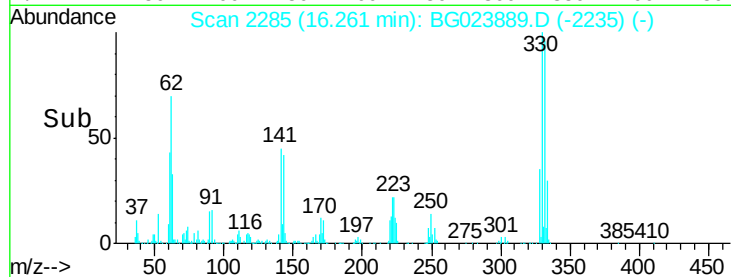
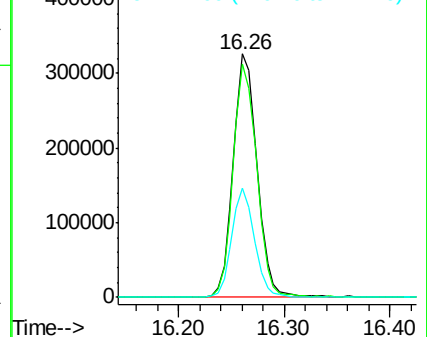
141 42.8 31.7 47.5



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: 99.94 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

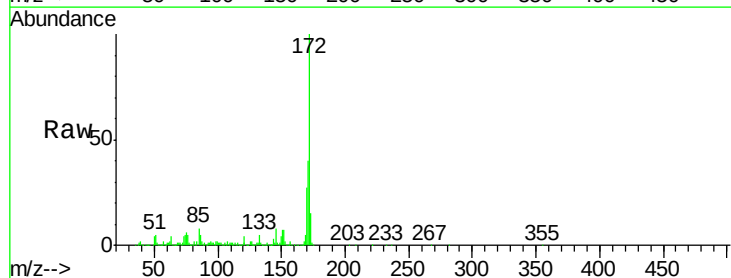
Tgt Ion:172 Resp: 1777449

Ion Ratio Lower Upper

172 100

171 40.4 31.6 47.4

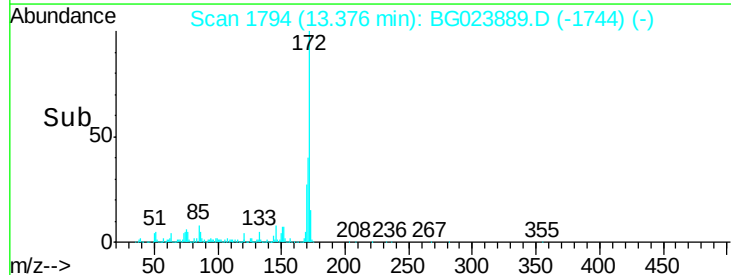
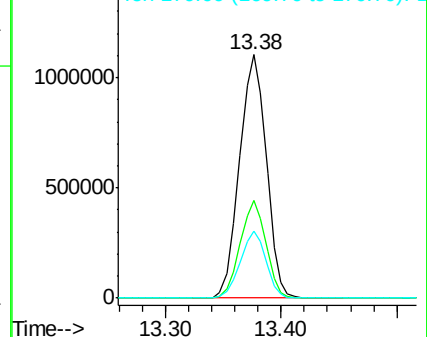
170 27.3 21.3 31.9

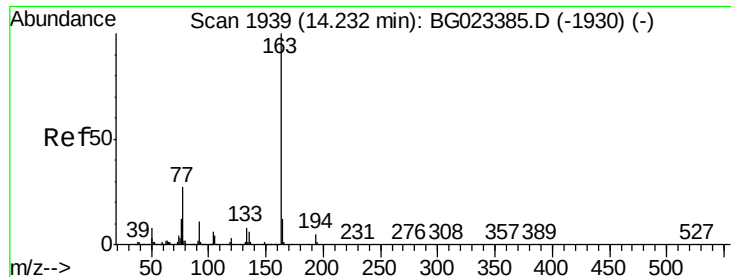


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.83 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

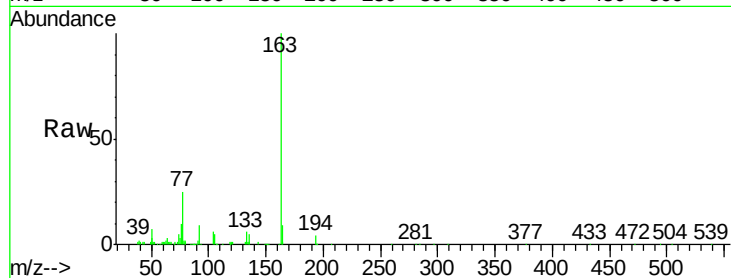
Tgt Ion:163 Resp: 111079

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

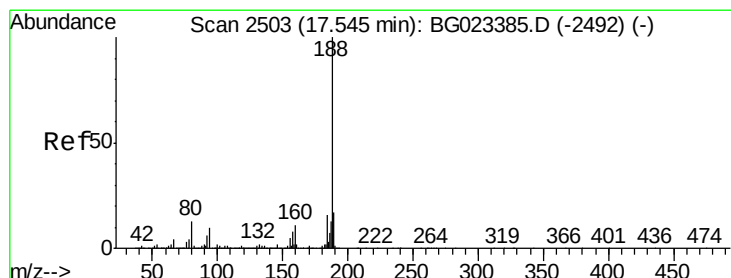
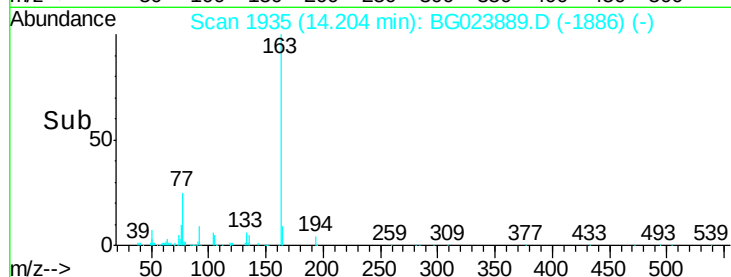
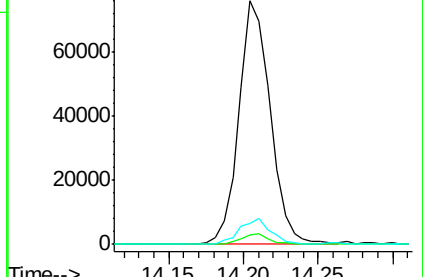
164 8.6 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

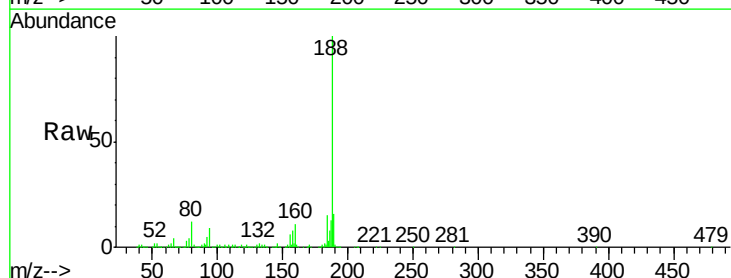
Tgt Ion:188 Resp: 675921

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

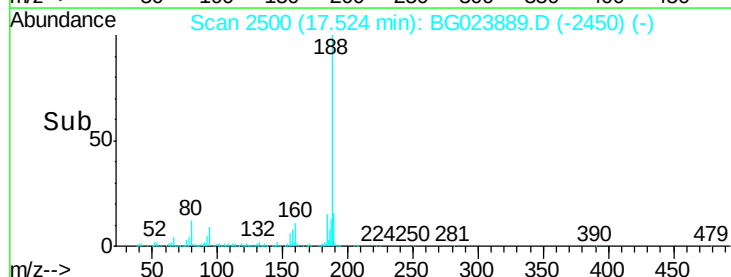
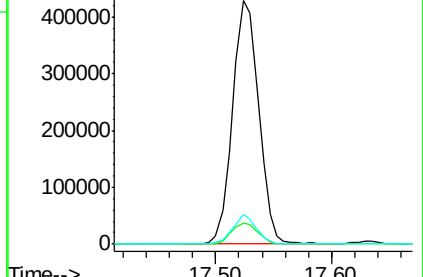
80 12.3 7.2 10.8#

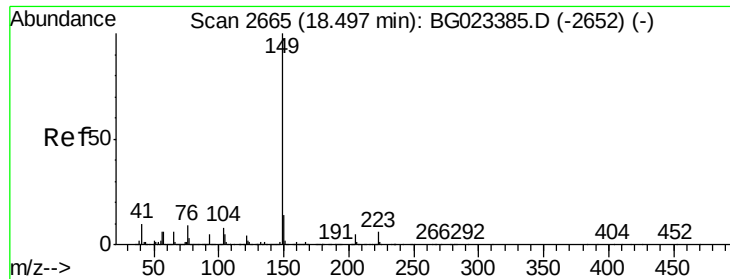


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.48 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

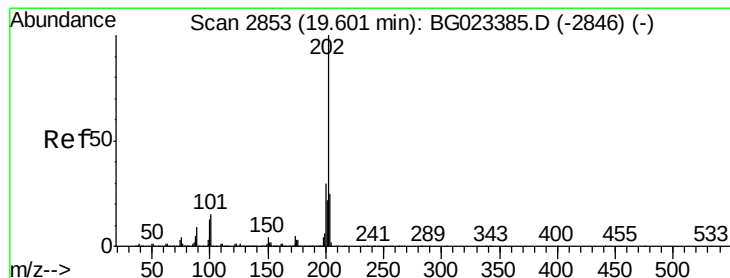
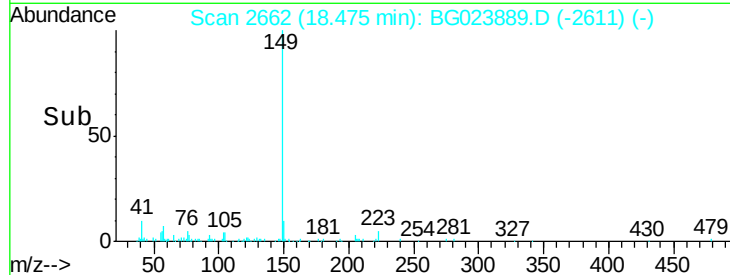
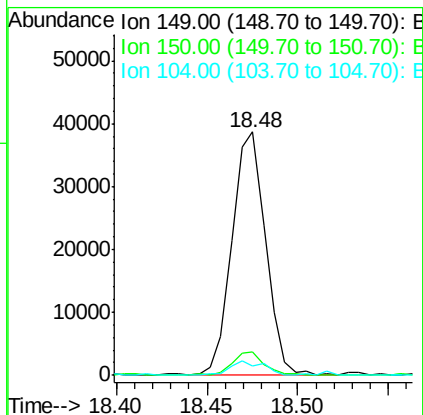
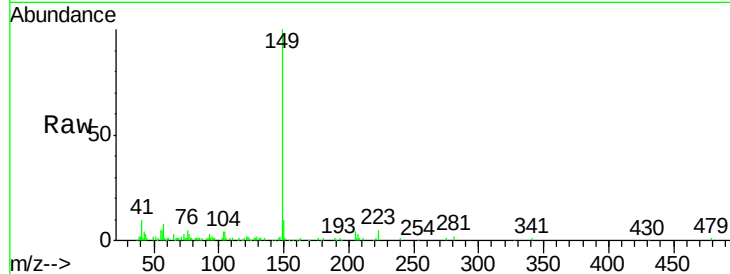
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	149	Resp:	49723
Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	3.9	6.9	10.3#



#74

Fluoranthene

Concen: Below Cal

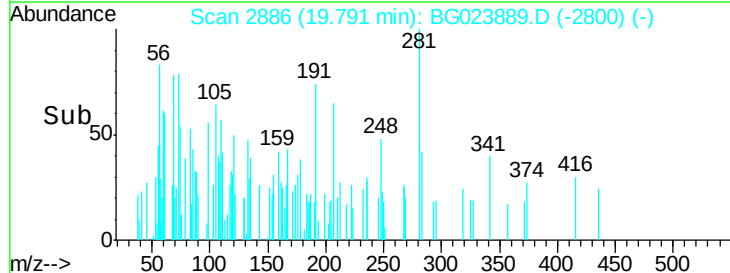
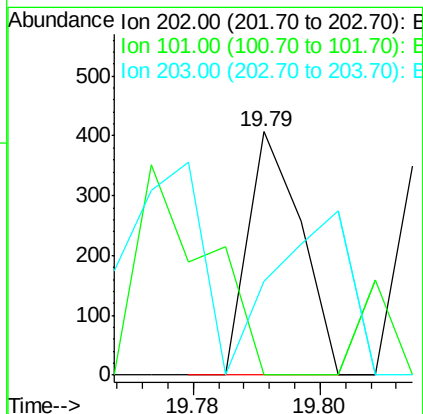
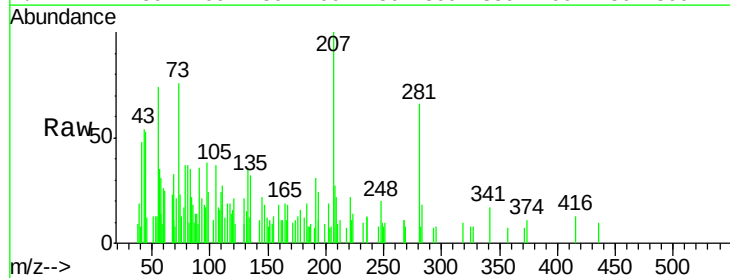
RT: 19.79 min Scan# 2886

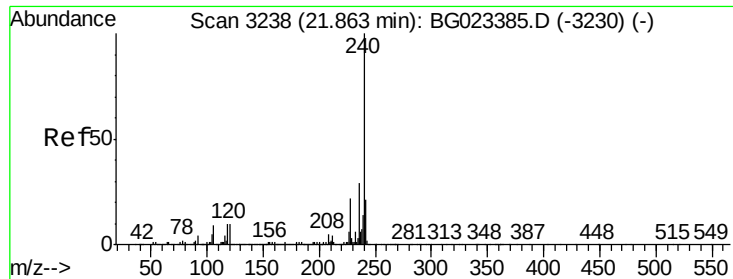
Delta R.T. 0.21 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Tgt Ion:	202	Resp:	234
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	38.8	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: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

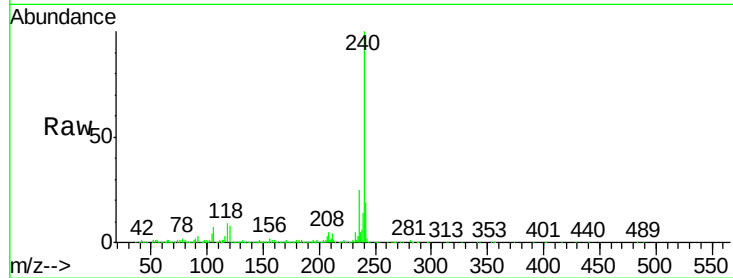
Tgt Ion:240 Resp: 705514

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

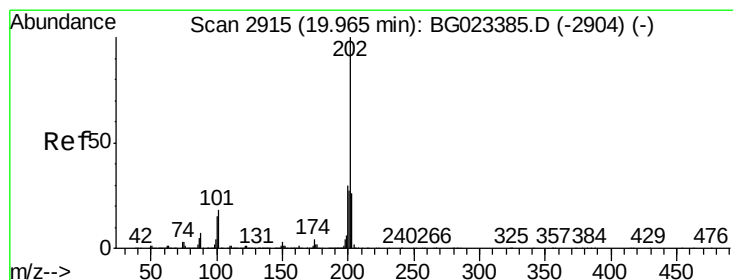
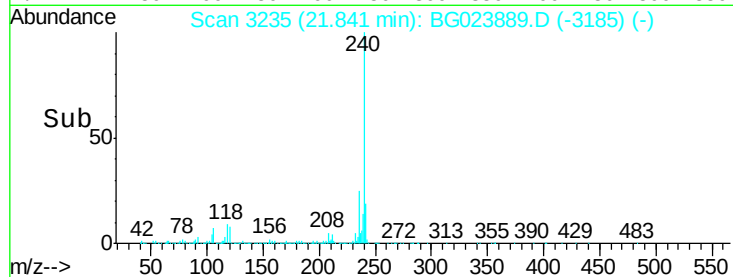
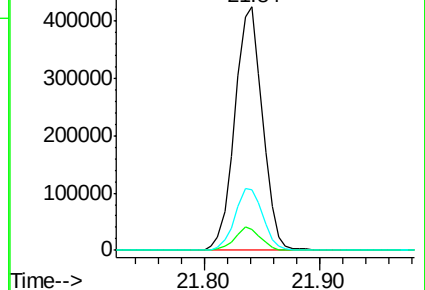
236 24.9 21.1 31.7



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: 19.94 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

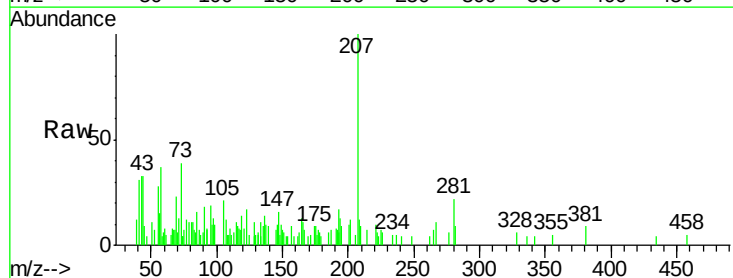
Tgt Ion:202 Resp: 405

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

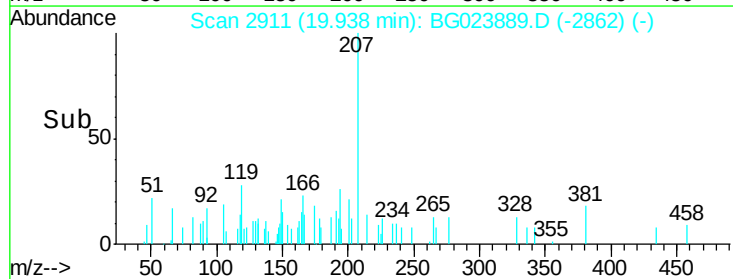
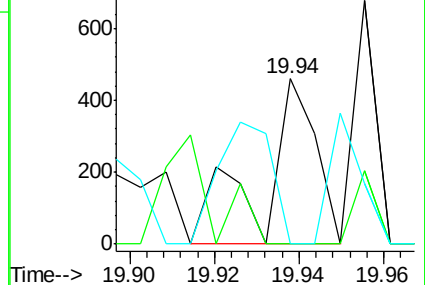
203 0.0 16.8 25.2#

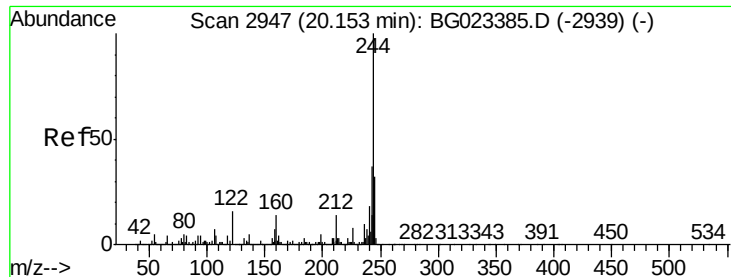


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.85 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

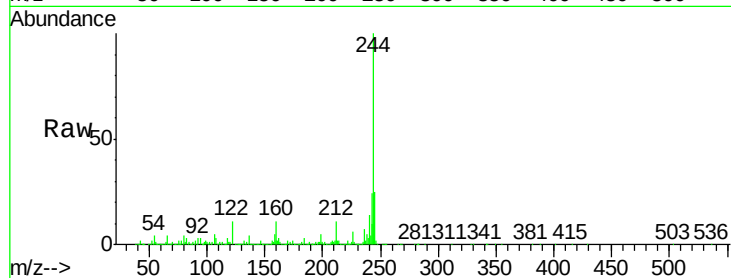
Tgt Ion:244 Resp: 2193178

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

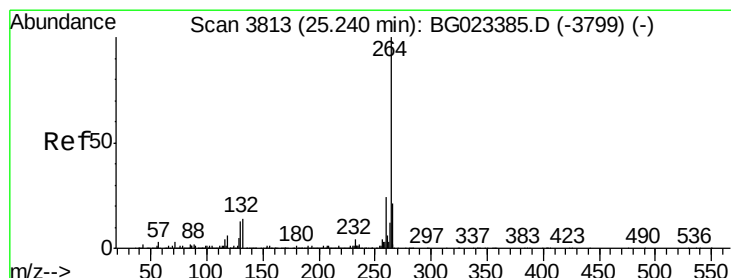
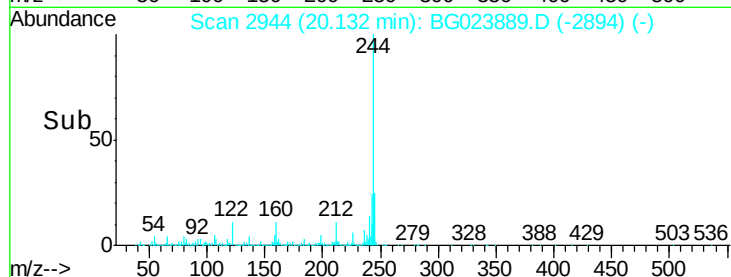
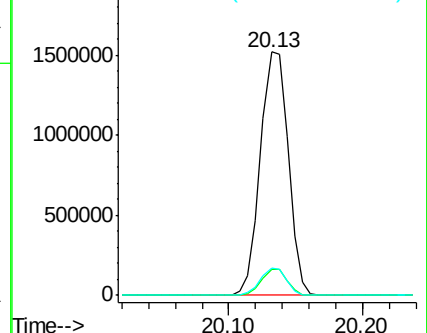
122 11.1 8.0 12.0



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: 25.22 min Scan# 3810

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

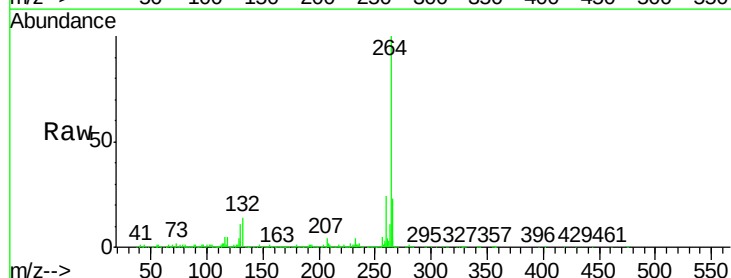
Tgt Ion:264 Resp: 694492

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 23.0 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

