

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020013.D
 Acq On : 8 Dec 2015 11:51
 Operator : UM/SJ
 Sample : G4676-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Dec 09 04:00:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

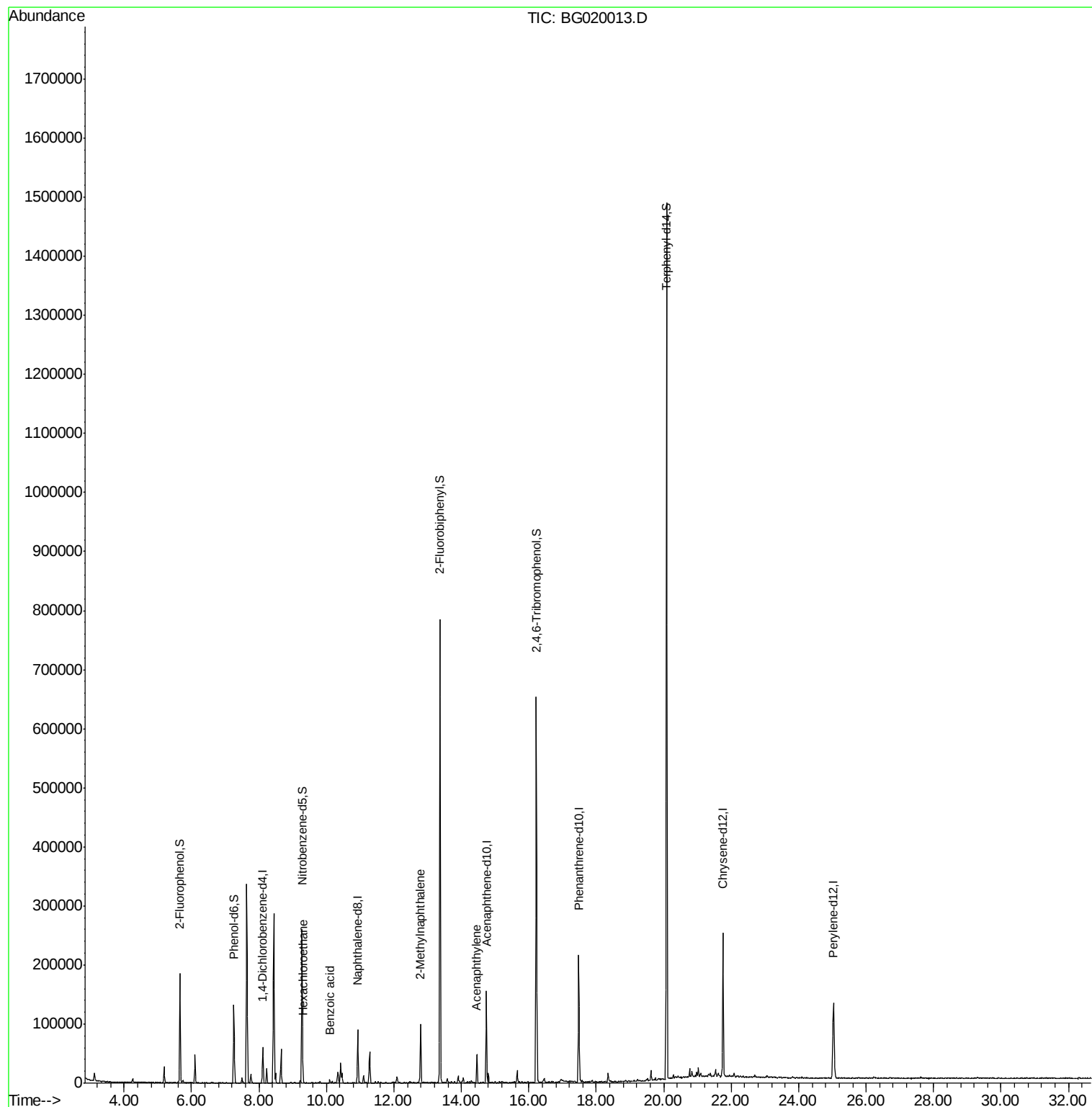
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16866	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	74598	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52832	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	129871	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	154417	20.00	ng	-0.04
86) Perylene-d12	25.04	264	146332	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	77187	82.71	ng	-0.01
7) Phenol-d6	7.26	99	73946	52.48	ng	-0.02
23) Nitrobenzene-d5	9.28	82	161371	110.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	120634	149.23	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	391827	101.27	ng	-0.02
78) Terphenyl-d14	20.08	244	661576	104.50	ng	-0.03
Target Compounds						Qvalue
18) Hexachloroethane	9.31	117	1320	2.65	ng	# 1
32) Benzoic acid	10.11	122	275	6.28	ng	# 5
37) 2-Methylnaphthalene	12.80	142	42470	14.50	ng	# 91
48) Acenaphthylene	14.46	152	34109	5.99	ng	99

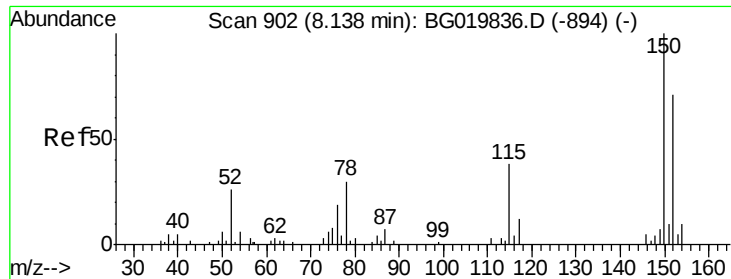
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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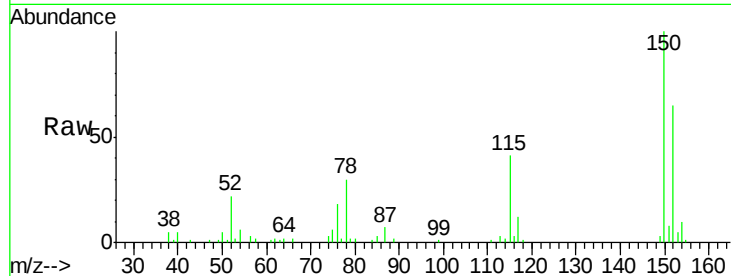


#1

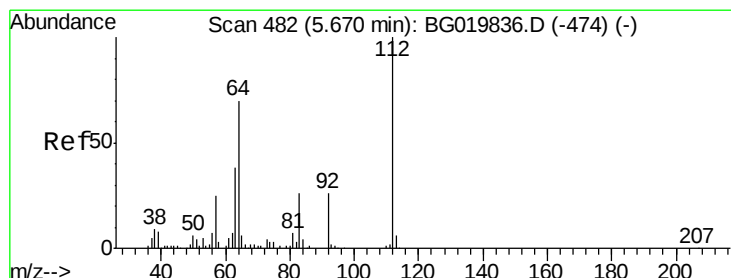
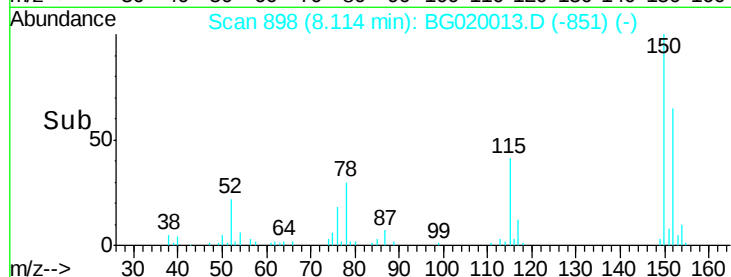
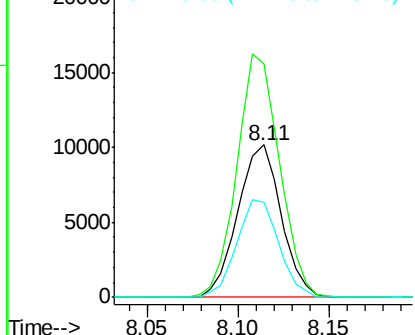
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 16866
Ion Ratio Lower Upper
152 100
150 152.9 115.0 172.4
115 62.4 43.9 65.9



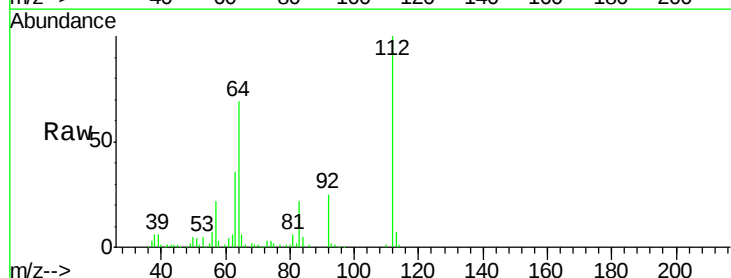
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



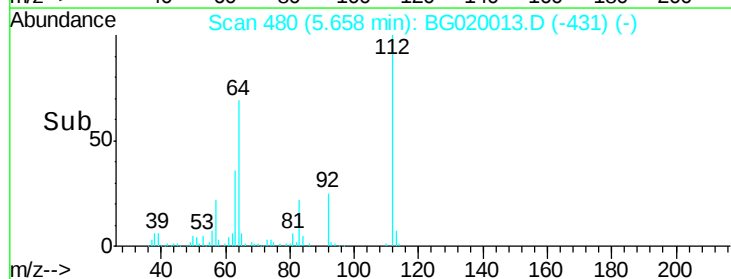
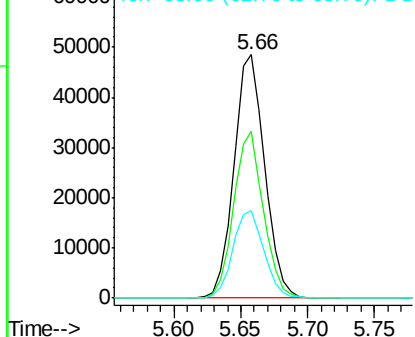
#5

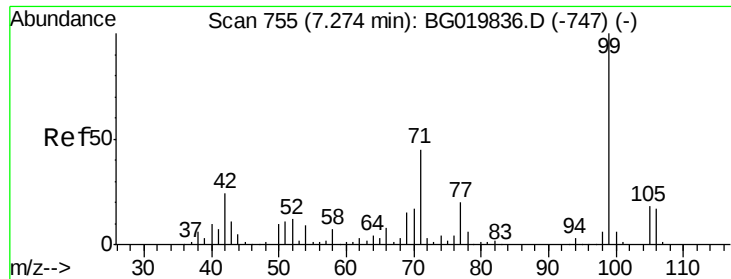
2-Fluorophenol
Concen: 82.71 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Tgt Ion:112 Resp: 77187
Ion Ratio Lower Upper
112 100
64 68.7 43.7 65.5#
63 36.0 24.0 36.0



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: 52.48 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

BNA_F

ClientSampleId :

MW-18

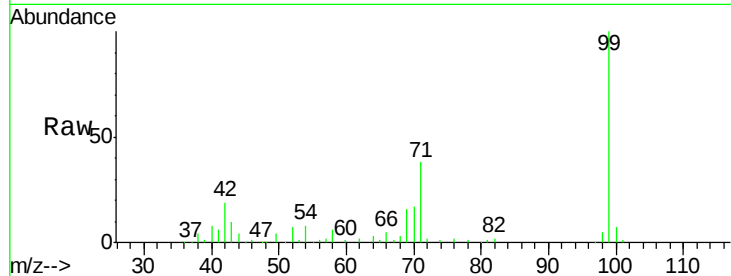
Tgt Ion: 99 Resp: 73946

Ion Ratio Lower Upper

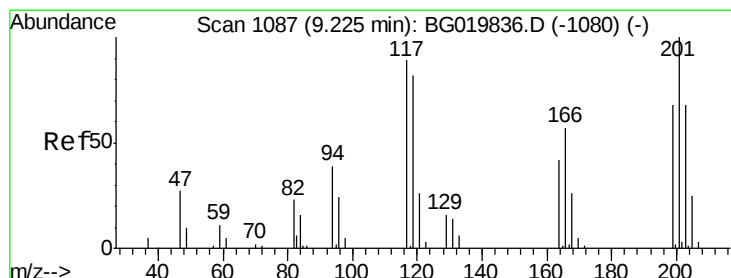
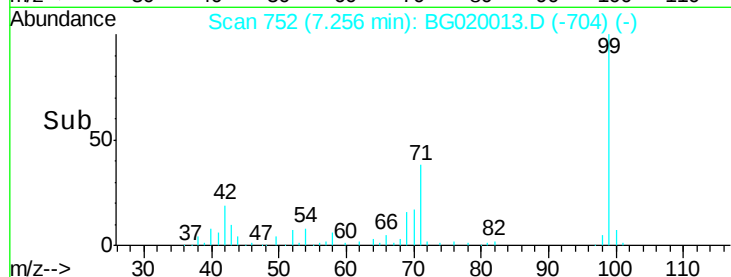
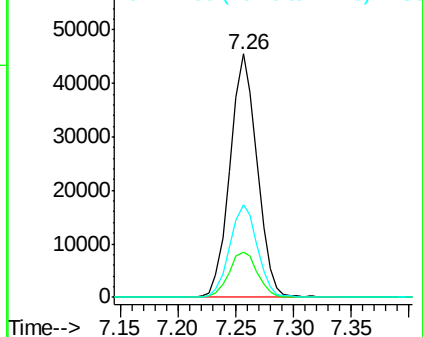
99 100

42 18.8 11.5 17.3#

71 38.0 22.6 34.0#



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



#18

Hexachloroethane

Concen: 2.65 ng

RT: 9.31 min Scan# 1101

Delta R.T. 0.08 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

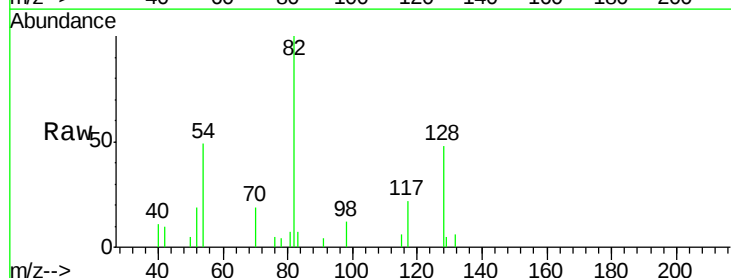
Tgt Ion: 117 Resp: 1320

Ion Ratio Lower Upper

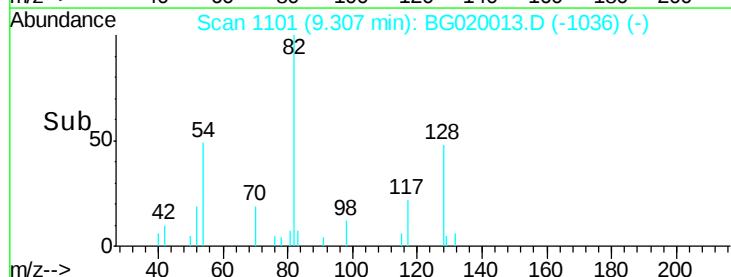
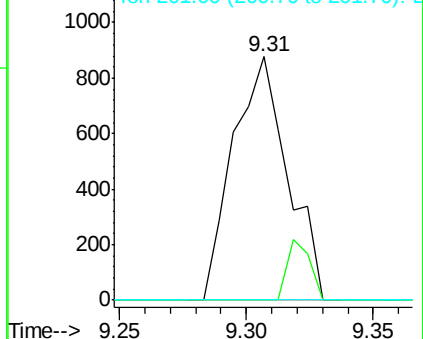
117 100

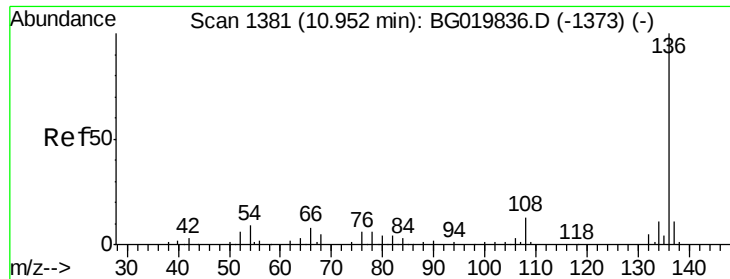
119 0.0 71.7 107.5#

201 0.0 90.9 136.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

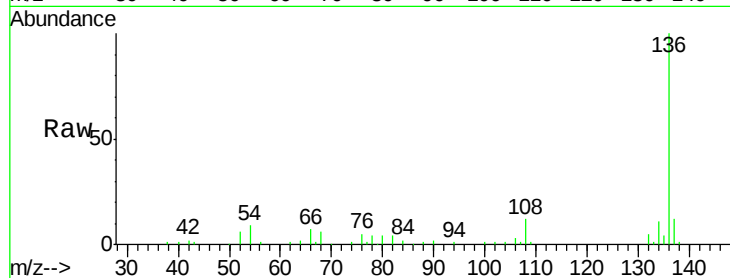




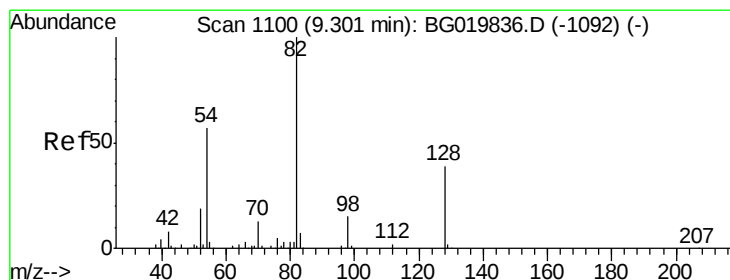
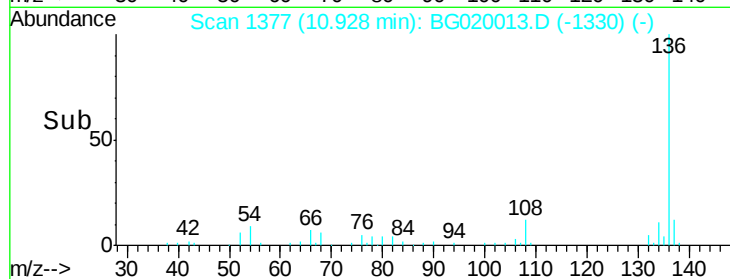
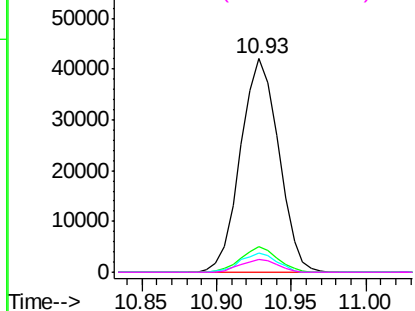
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:	136	Resp:	74598
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	12.8
54	9.3	5.4	8.2#
68	5.8	5.3	7.9

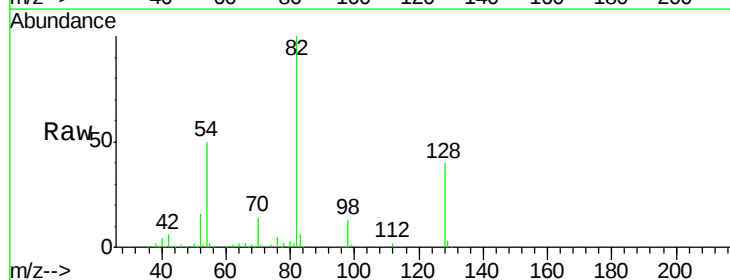


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

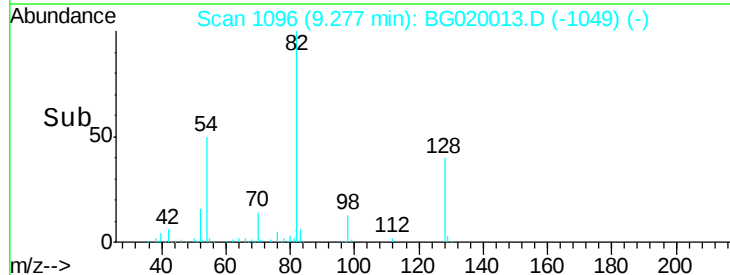
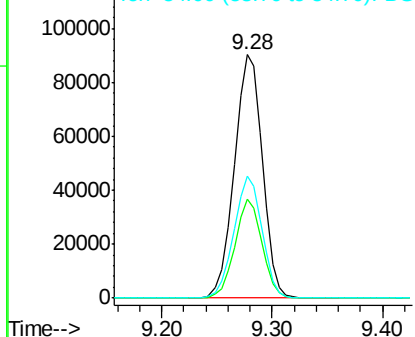


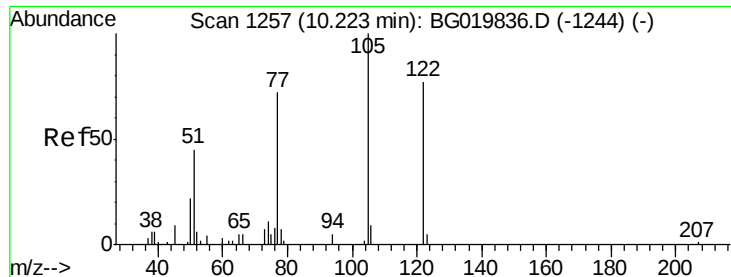
#23
Nitrobenzene-d5
Concen: 110.40 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Tgt Ion:	82	Resp:	161371
Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.7	55.1
54	50.0	33.8	50.8



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

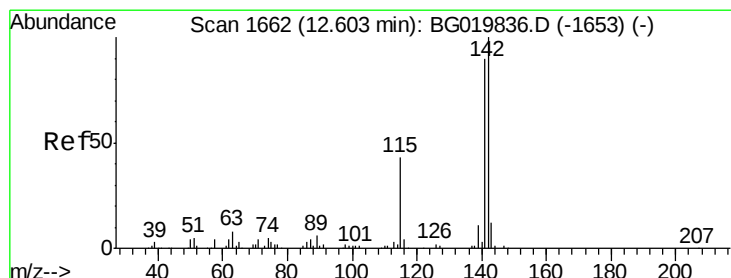
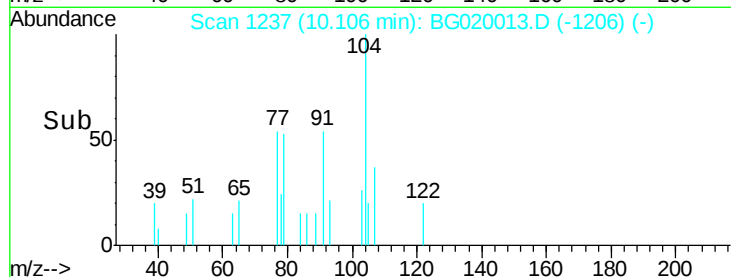
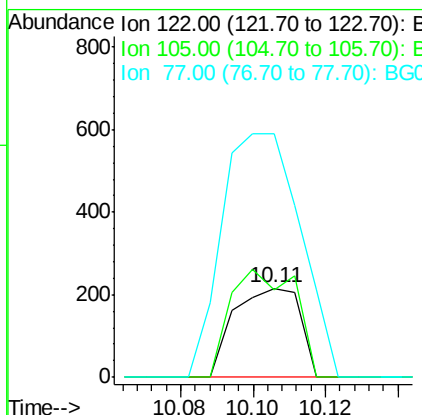
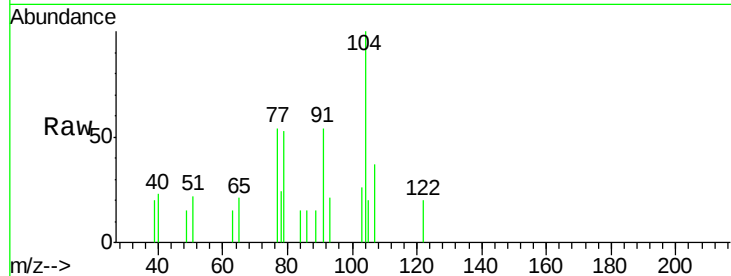




#32
Benzoic acid
Concen: 6.28 ng
RT: 10.11 min Scan# 1237
Delta R.T. -0.12 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

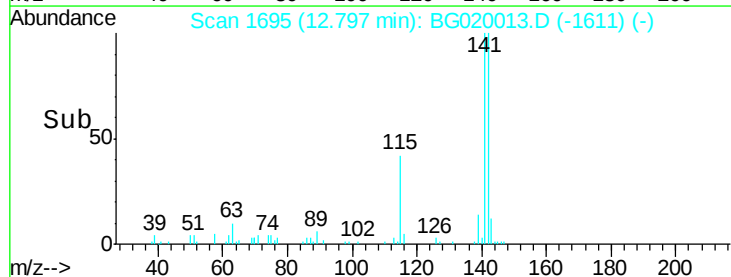
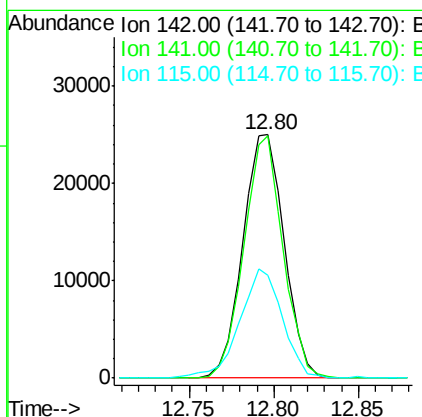
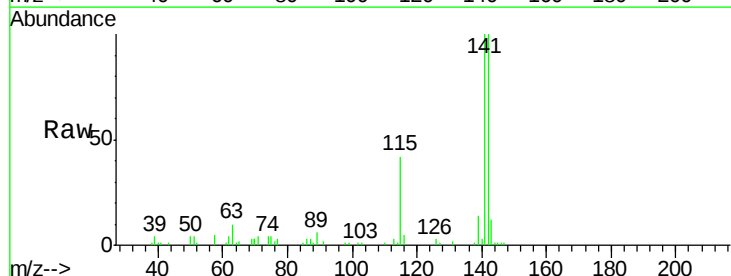
Instrument :
BNA_F
ClientSampleId :
MW-18

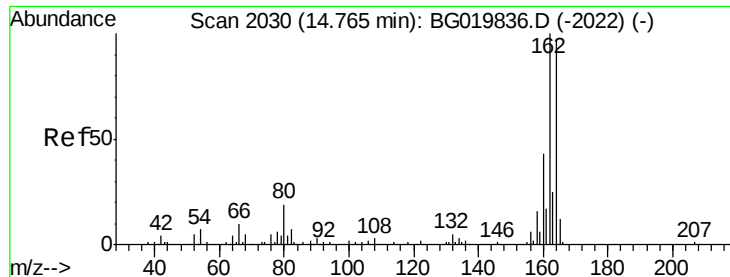
Tgt Ion	Ratio	Lower	Upper
122	100		
105	98.6	103.8	143.8#
77	272.7	68.8	108.8#



#37
2-Methylnaphthalene
Concen: 14.50 ng
RT: 12.80 min Scan# 1695
Delta R.T. 0.19 min
Lab File: BG020013.D
Acq: 8 Dec 2015 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.6	74.6	112.0
115	42.2	27.4	41.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

BNA_F

ClientSampleID :

MW-18

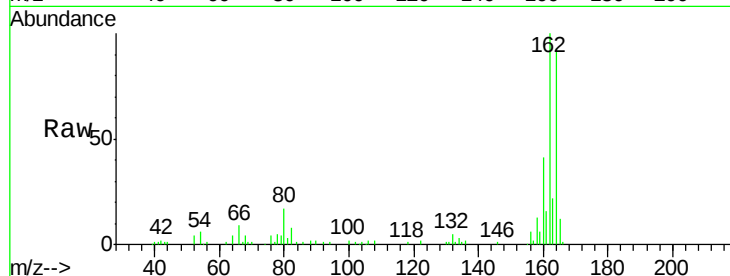
Tgt Ion:164 Resp: 52832

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

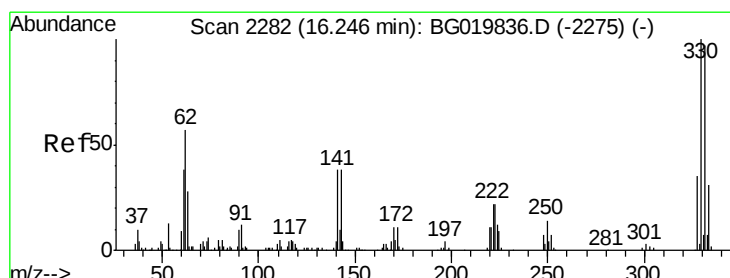
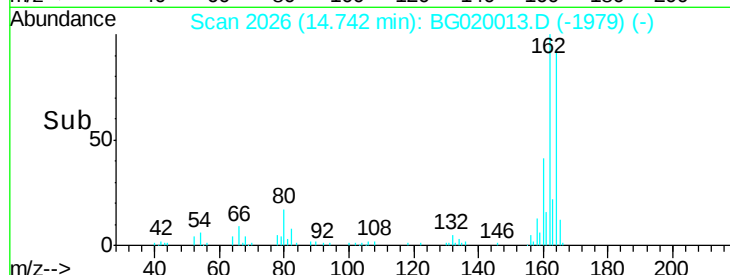
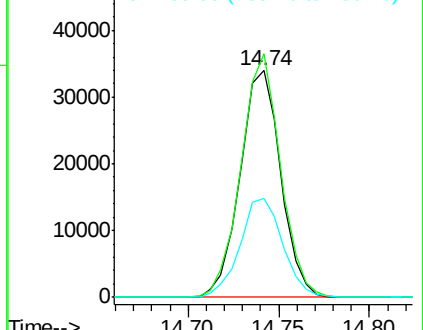
160 43.8 36.4 54.6



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: 149.23 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

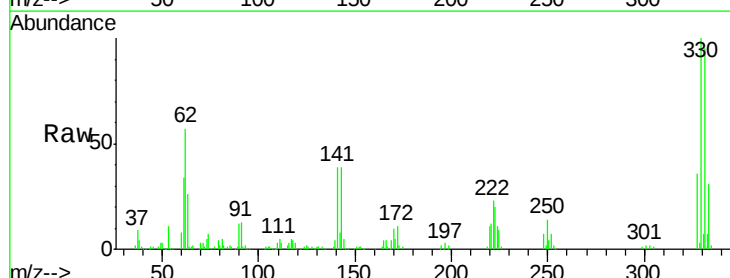
Tgt Ion:330 Resp: 120634

Ion Ratio Lower Upper

330 100

332 94.5 78.1 117.1

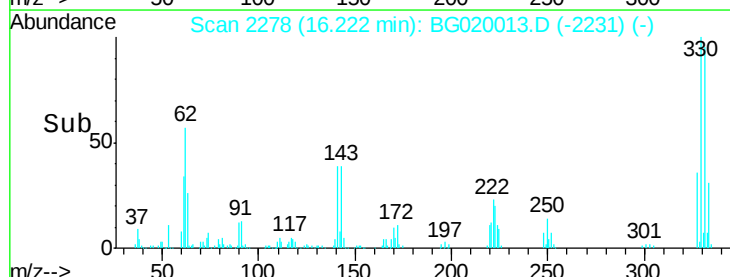
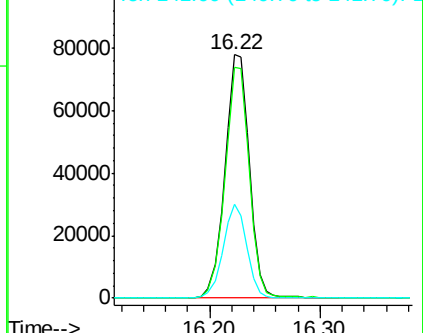
141 37.3 28.2 42.2

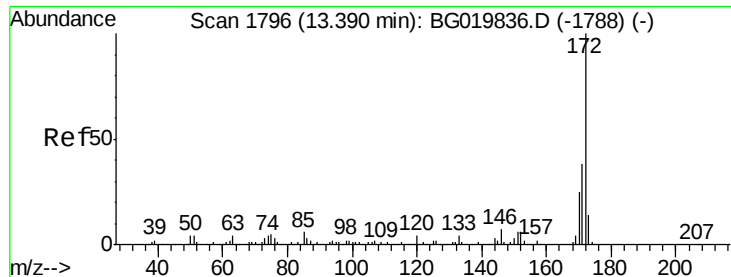


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.27 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

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ClientSampleId :

MW-18

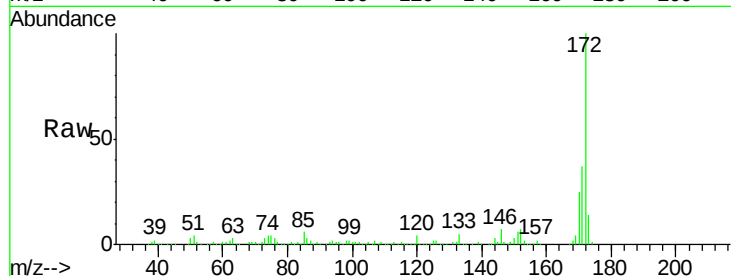
Tgt Ion:172 Resp: 391827

Ion Ratio Lower Upper

172 100

171 37.3 29.0 43.6

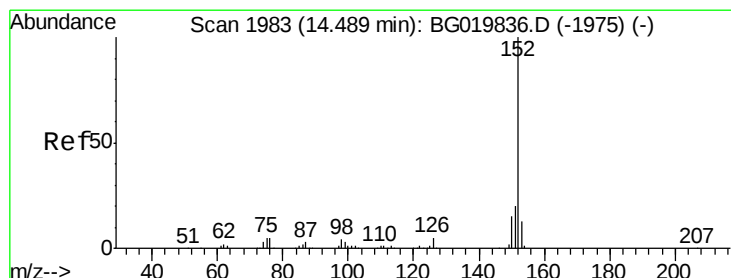
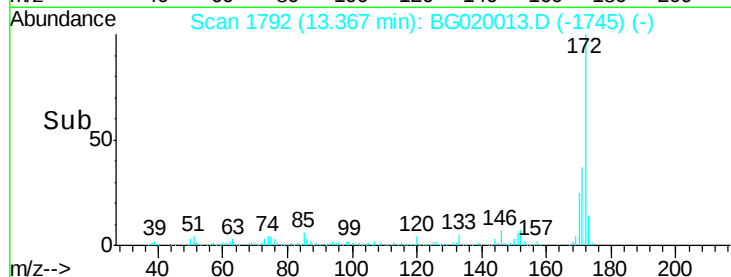
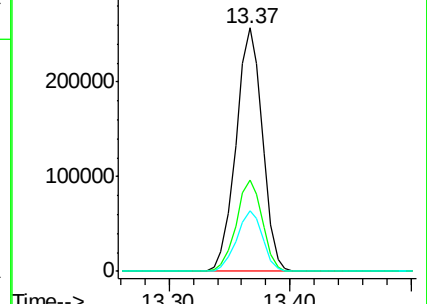
170 25.1 19.9 29.9



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



#48

Acenaphthylene

Concen: 5.99 ng

RT: 14.46 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

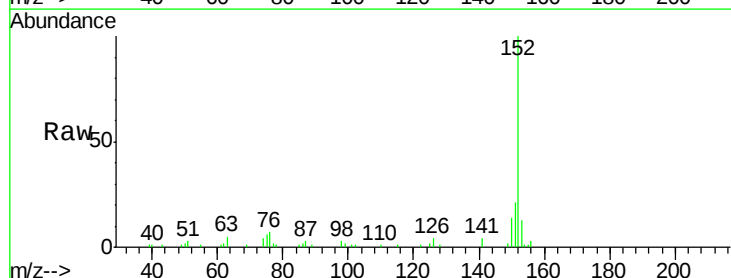
Tgt Ion:152 Resp: 34109

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

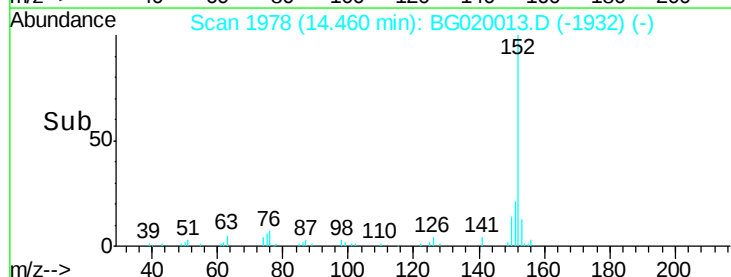
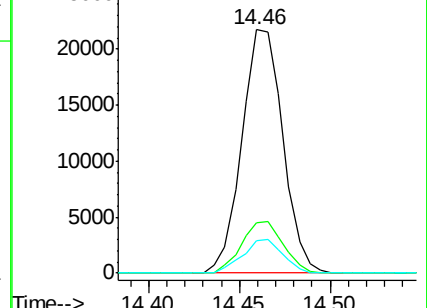
153 13.2 10.4 15.6

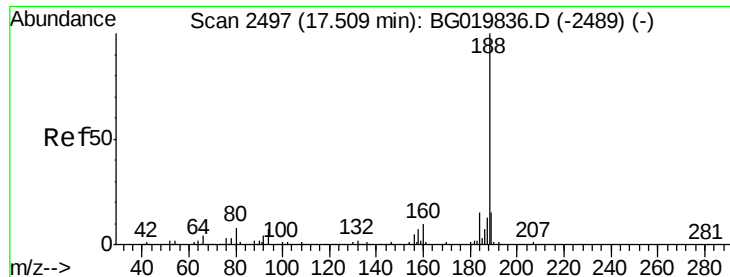


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

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MW-18

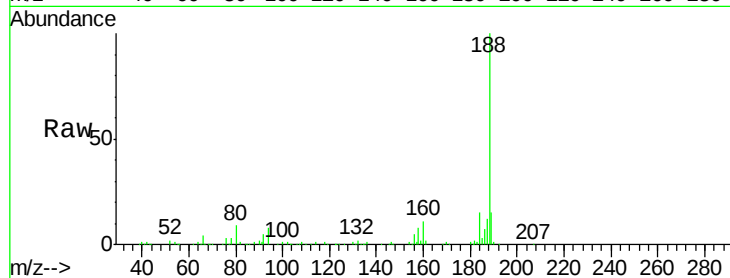
Tgt Ion:188 Resp: 129871

Ion Ratio Lower Upper

188 100

94 7.9 7.7 11.5

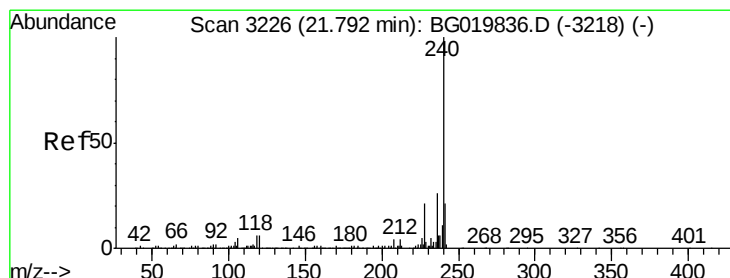
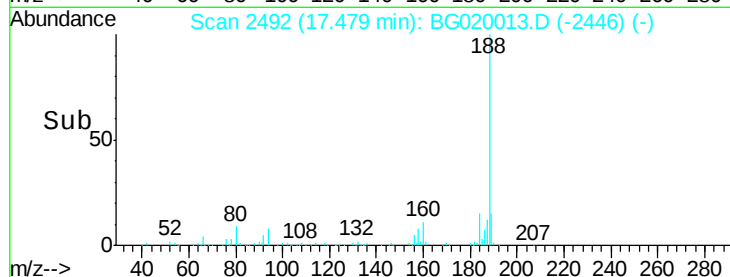
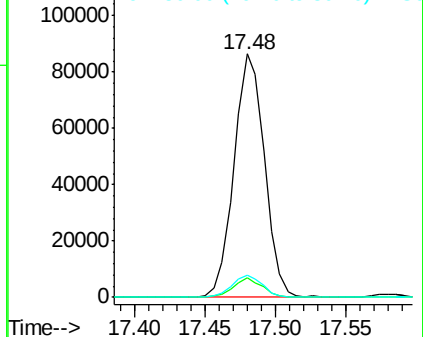
80 8.9 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

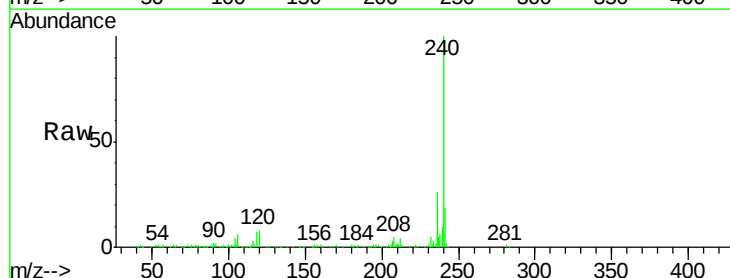
Tgt Ion:240 Resp: 154417

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

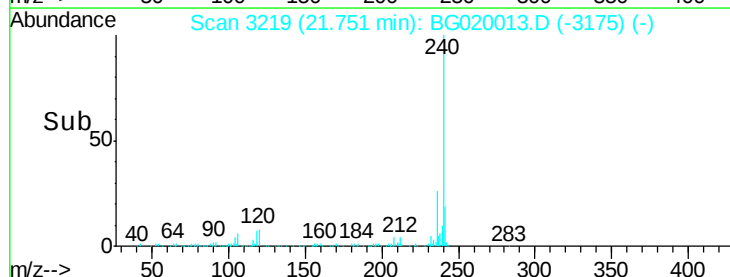
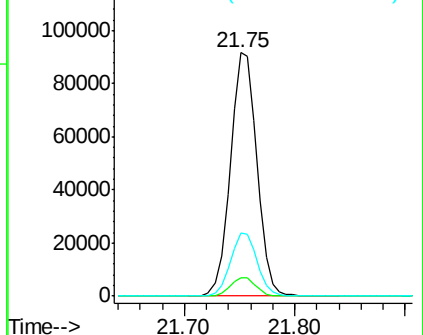
236 25.9 20.7 31.1

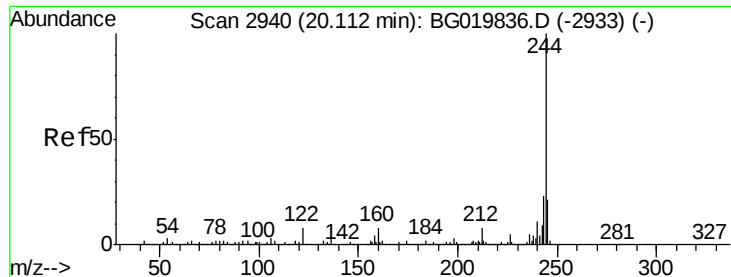


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.50 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

Instrument :

BNA_F

ClientSampleId :

MW-18

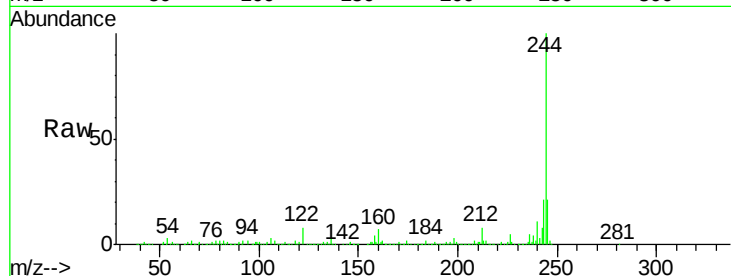
Tgt Ion:244 Resp: 661576

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

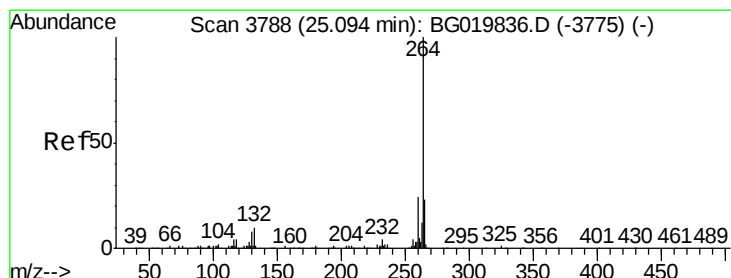
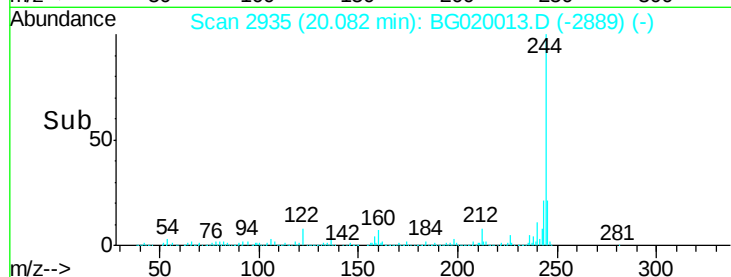
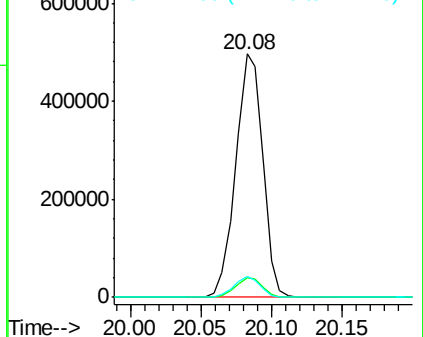
122 8.5 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020013.D

Acq: 8 Dec 2015 11:51

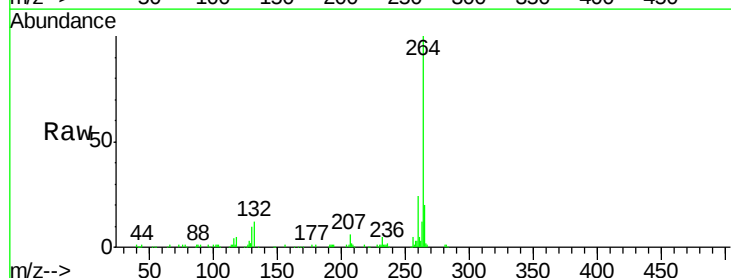
Tgt Ion:264 Resp: 146332

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 20.0 17.2 25.8



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

