

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019127.D
 Acq On : 10 Oct 2015 21:15
 Operator : UM/NP
 Sample : G3929-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-03

Quant Time: Oct 12 07:11:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 06:30:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16439	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	71738	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	51248	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	132479	20.00	ng	0.00
75) Chrysene-d12	21.68	240	162949	20.00	ng	0.00
86) Perylene-d12	24.90	264	155280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	52851	65.46	ng	0.00
7) Phenol-d6	7.19	99	47771	38.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	151570	116.74	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	115800	165.82	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	372278	111.70	ng	0.00
78) Terphenyl-d14	20.02	244	623997	101.16	ng	0.00

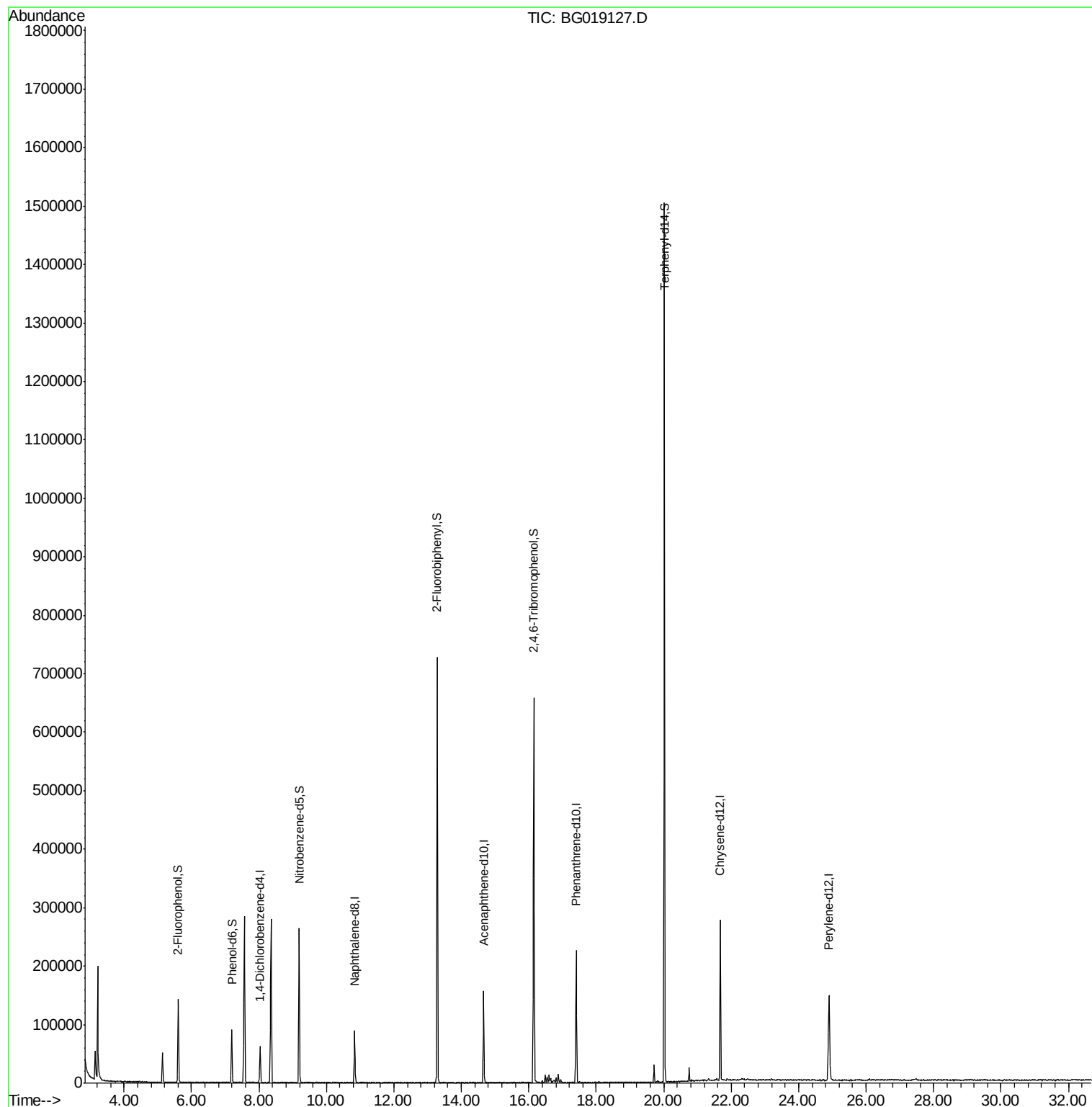
Target Compounds	Qvalue
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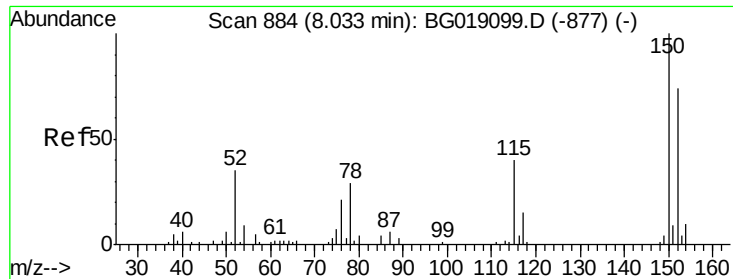
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

Instrument :

BNA_G

ClientSampleId :

MW-03

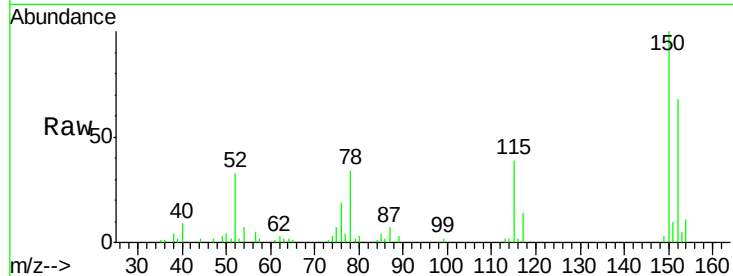
Tgt Ion:152 Resp: 16439

Ion Ratio Lower Upper

152 100

150 146.8 108.2 162.2

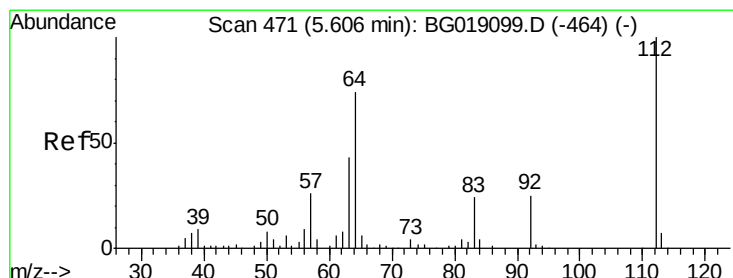
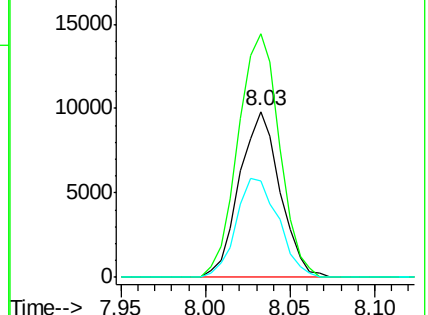
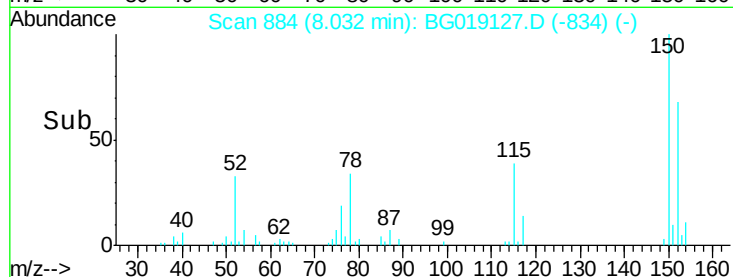
115 57.8 43.2 64.8



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: 65.46 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

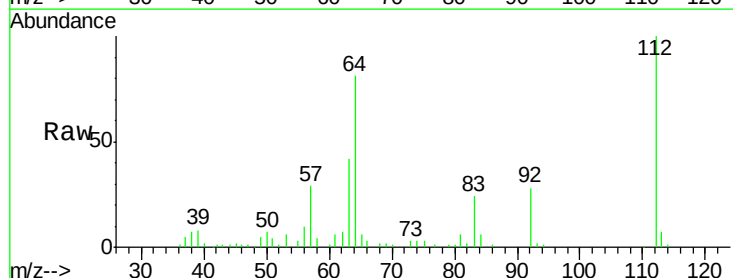
Tgt Ion:112 Resp: 52851

Ion Ratio Lower Upper

112 100

64 81.4 59.0 88.4

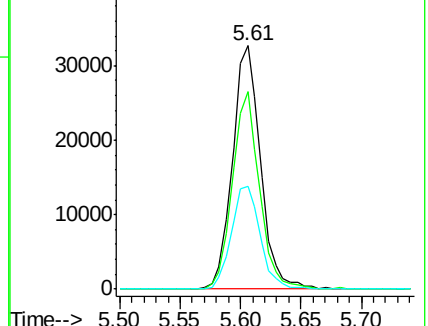
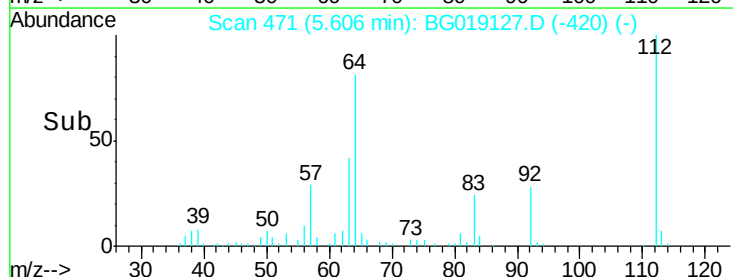
63 42.0 34.7 52.1

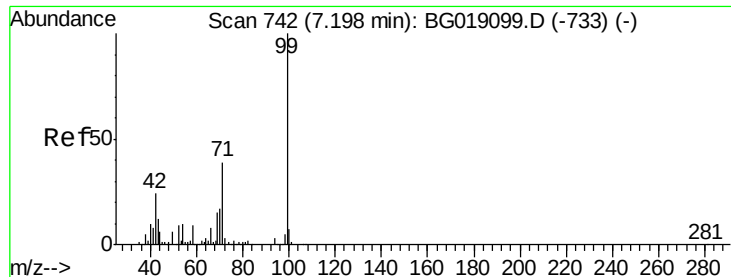


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.51 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

Instrument :

BNA_G

ClientSampleId :

MW-03

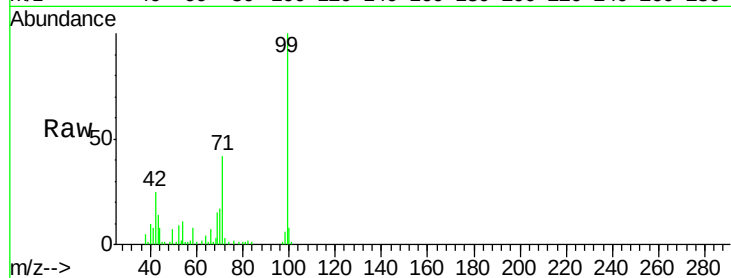
Tgt Ion: 99 Resp: 47771

Ion Ratio Lower Upper

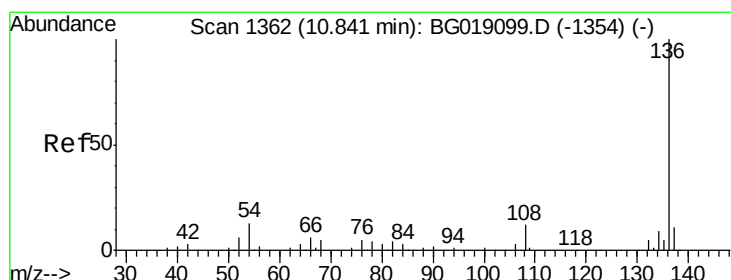
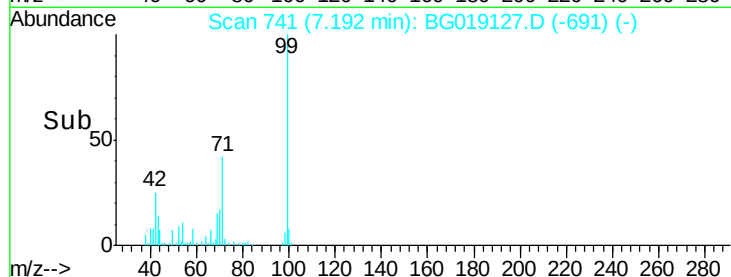
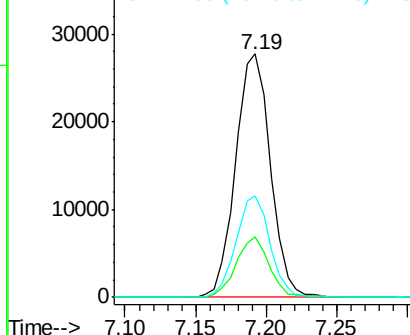
99 100

42 24.7 19.5 29.3

71 41.6 31.4 47.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

Tgt Ion: 136 Resp: 71738

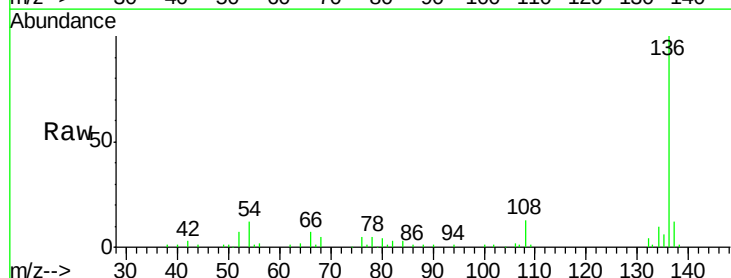
Ion Ratio Lower Upper

136 100

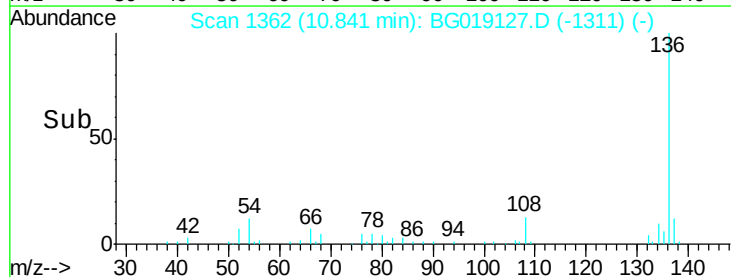
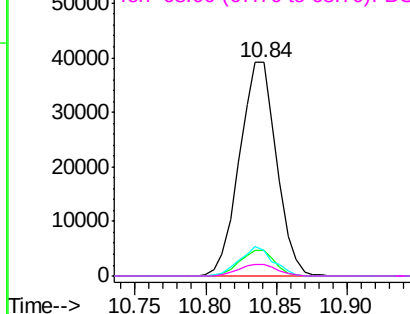
137 12.2 9.0 13.4

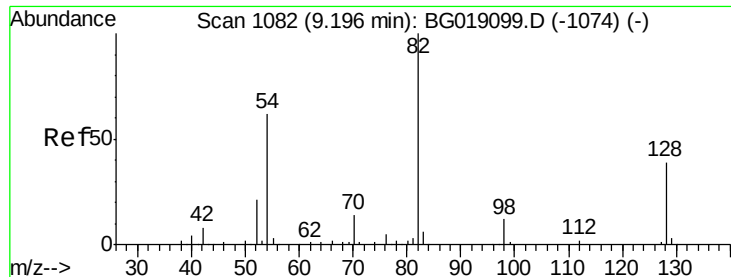
54 12.3 10.1 15.1

68 5.2 4.4 6.6



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

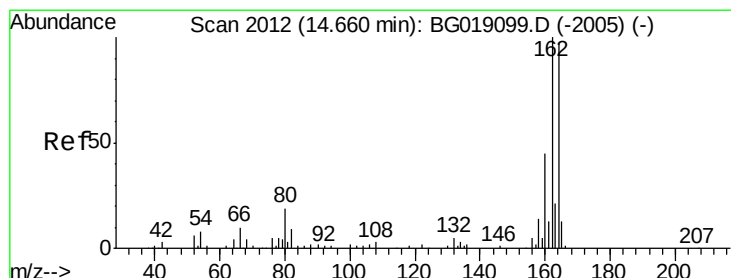
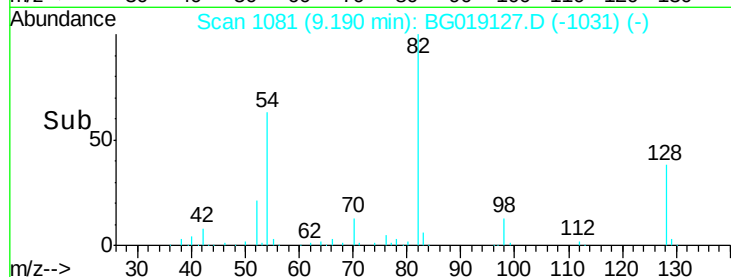
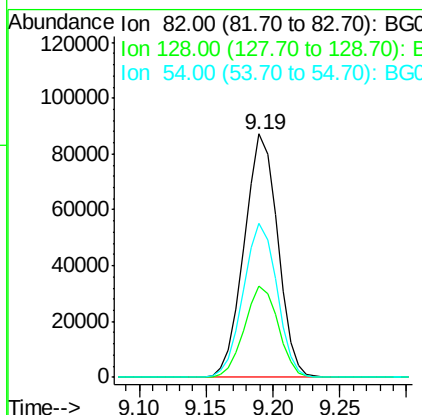
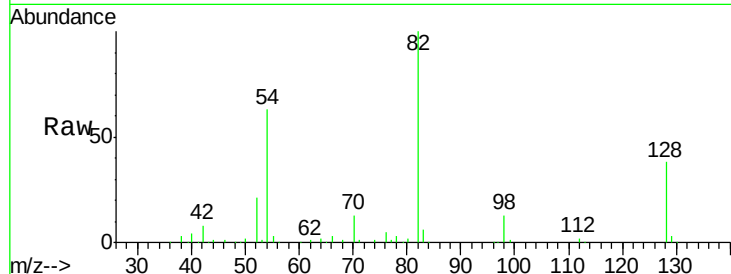




#23
 Nitrobenzene-d5
 Concen: 116.74 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019127.D
 Acq: 10 Oct 2015 21:15

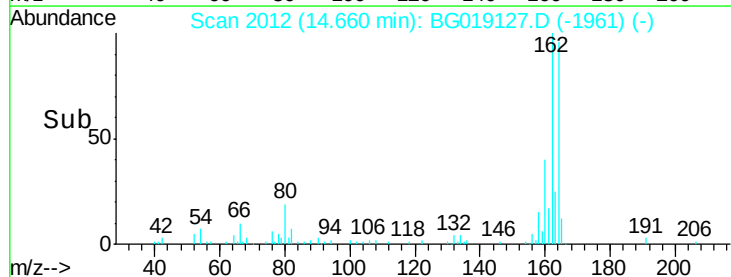
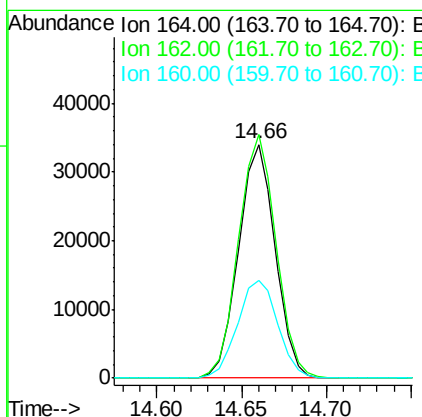
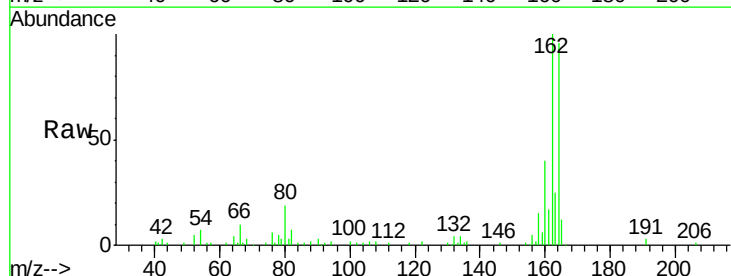
Instrument :
 BNA_G
 ClientSampleId :
 MW-03

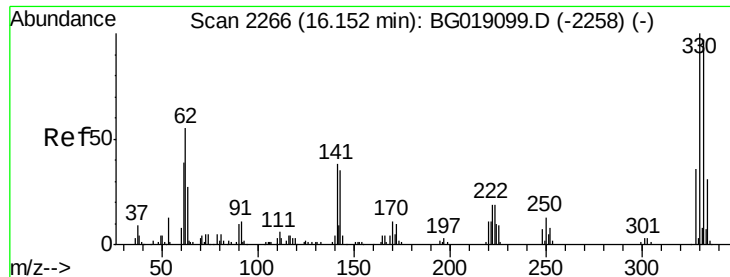
Tgt Ion: 82 Resp: 151570
 Ion Ratio Lower Upper
 82 100
 128 37.6 31.4 47.2
 54 63.3 50.0 75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019127.D
 Acq: 10 Oct 2015 21:15

Tgt Ion: 164 Resp: 51248
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 124.0
 160 41.9 36.9 55.3

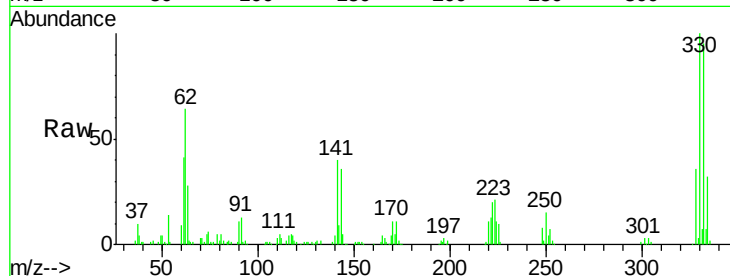




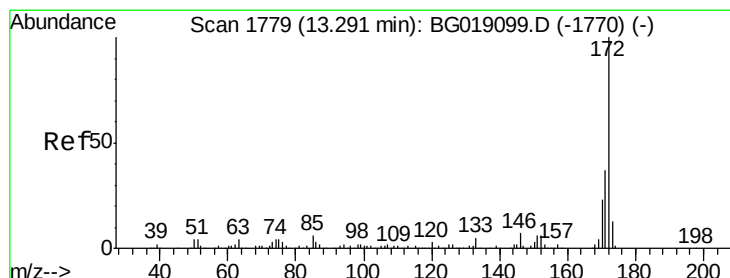
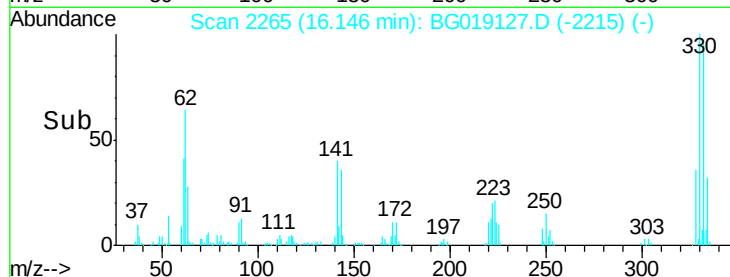
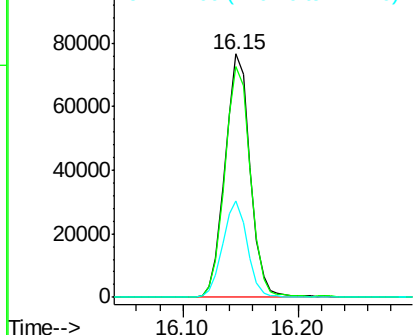
#41
 2,4,6-Tribromophenol
 Concen: 165.82 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019127.D
 Acq: 10 Oct 2015 21:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-03

Tgt Ion:330 Resp: 115800
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 38.7 30.7 46.1

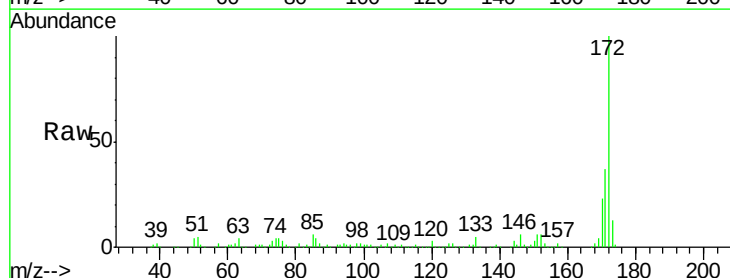


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

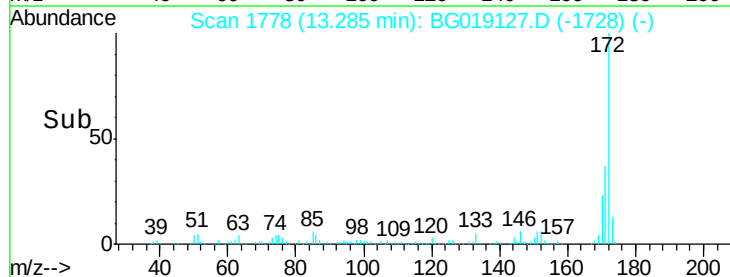
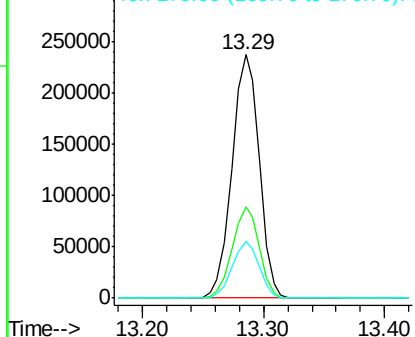


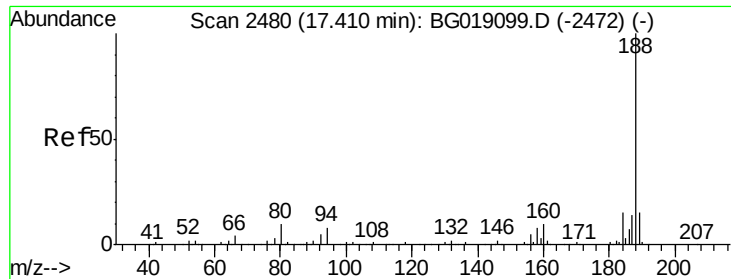
#44
 2-Fluorobiphenyl
 Concen: 111.70 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019127.D
 Acq: 10 Oct 2015 21:15

Tgt Ion:172 Resp: 372278
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 23.4 18.6 27.8



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

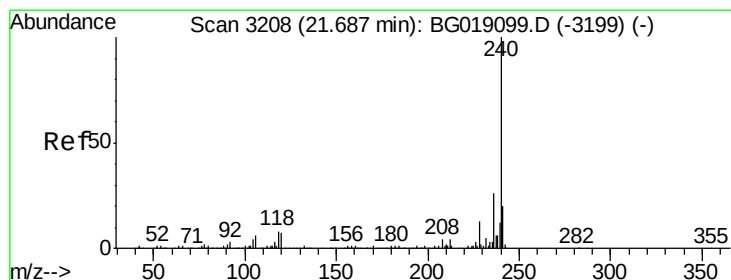
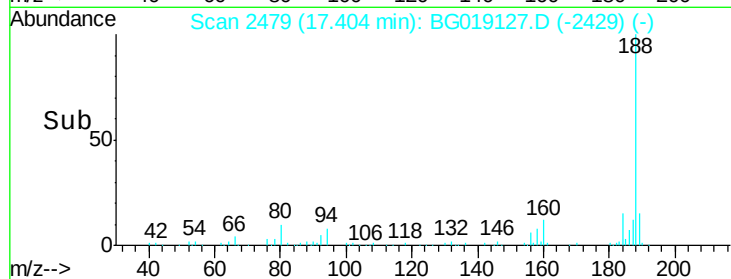
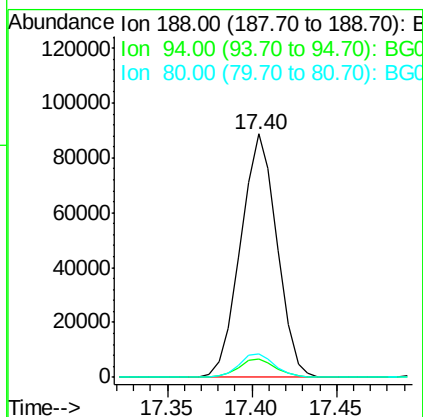
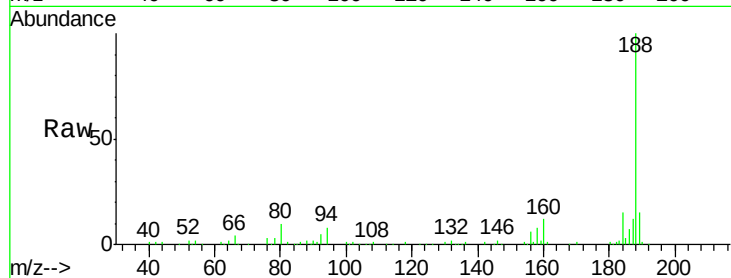




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

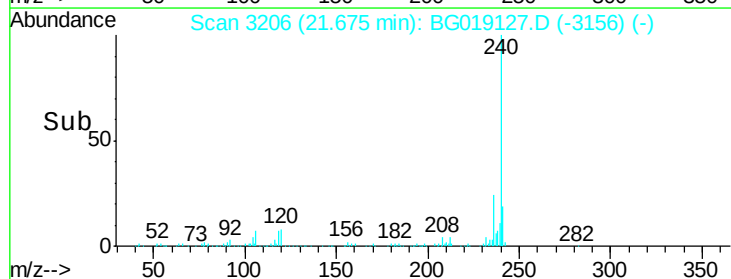
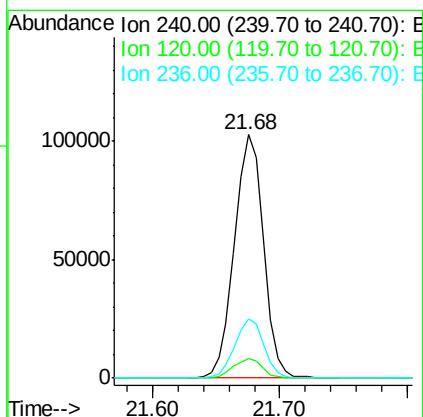
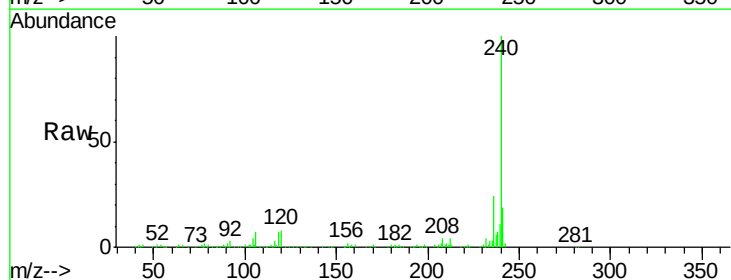
Instrument :
BNA_G
ClientSampleId :
MW-03

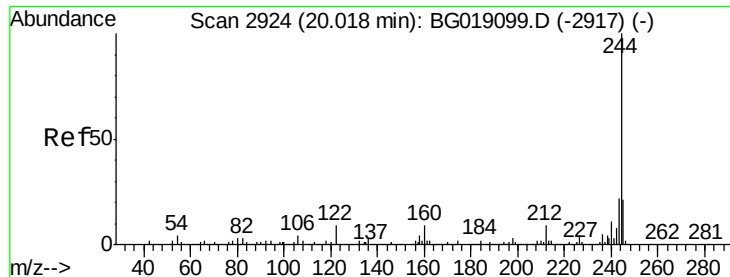
Tgt Ion:188 Resp: 132479
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.8 7.6 11.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:240 Resp: 162949
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.6
236 24.3 21.2 31.8





#78

Terphenyl-d14

Concen: 101.16 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

Instrument :

BNA_G

ClientSampleId :

MW-03

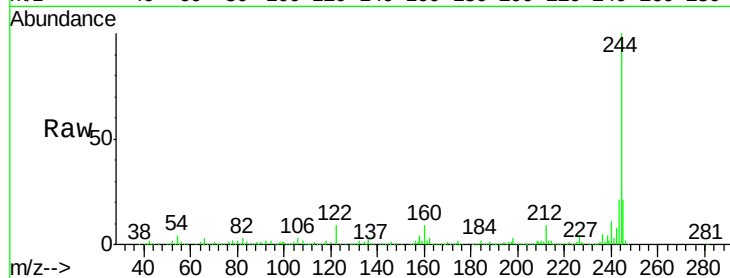
Tgt Ion:244 Resp: 623997

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

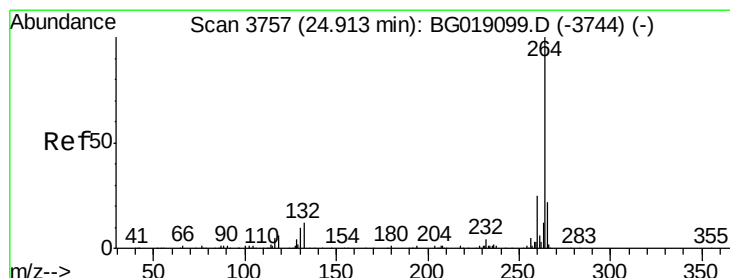
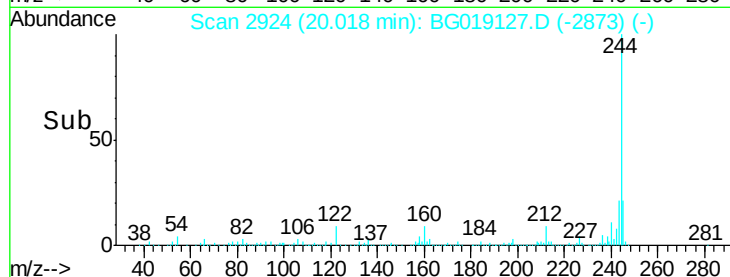
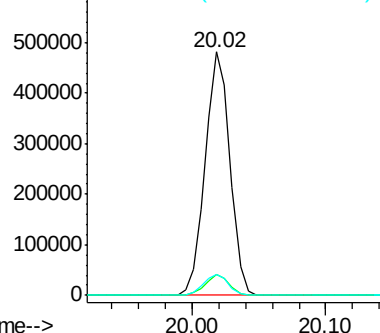
122 8.8 7.4 11.2



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: 24.90 min Scan# 3755

Delta R.T. -0.00 min

Lab File: BG019127.D

Acq: 10 Oct 2015 21:15

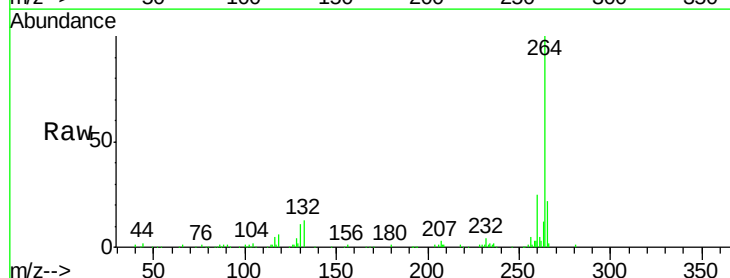
Tgt Ion:264 Resp: 155280

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.6 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

