

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
 Data File : BG024069.D
 Acq On : 22 Sep 2016 4:02
 Operator : UM/SJ
 Sample : H4861-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091916-DRDC-F-U-M

Quant Time: Sep 22 07:52:15 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	69126	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	288008	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	205541	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	408575	20.00	ng	0.00
75) Chrysene-d12	21.81	240	427561	20.00	ng	0.00
86) Perylene-d12	25.16	264	384985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	155940	39.61	ng	0.00
7) Phenol-d6	7.23	99	159784	26.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	678670	105.20	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	243397	65.73	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1260661	87.94	ng	0.00
78) Terphenyl-d14	20.10	244	1709629	91.06	ng	0.00

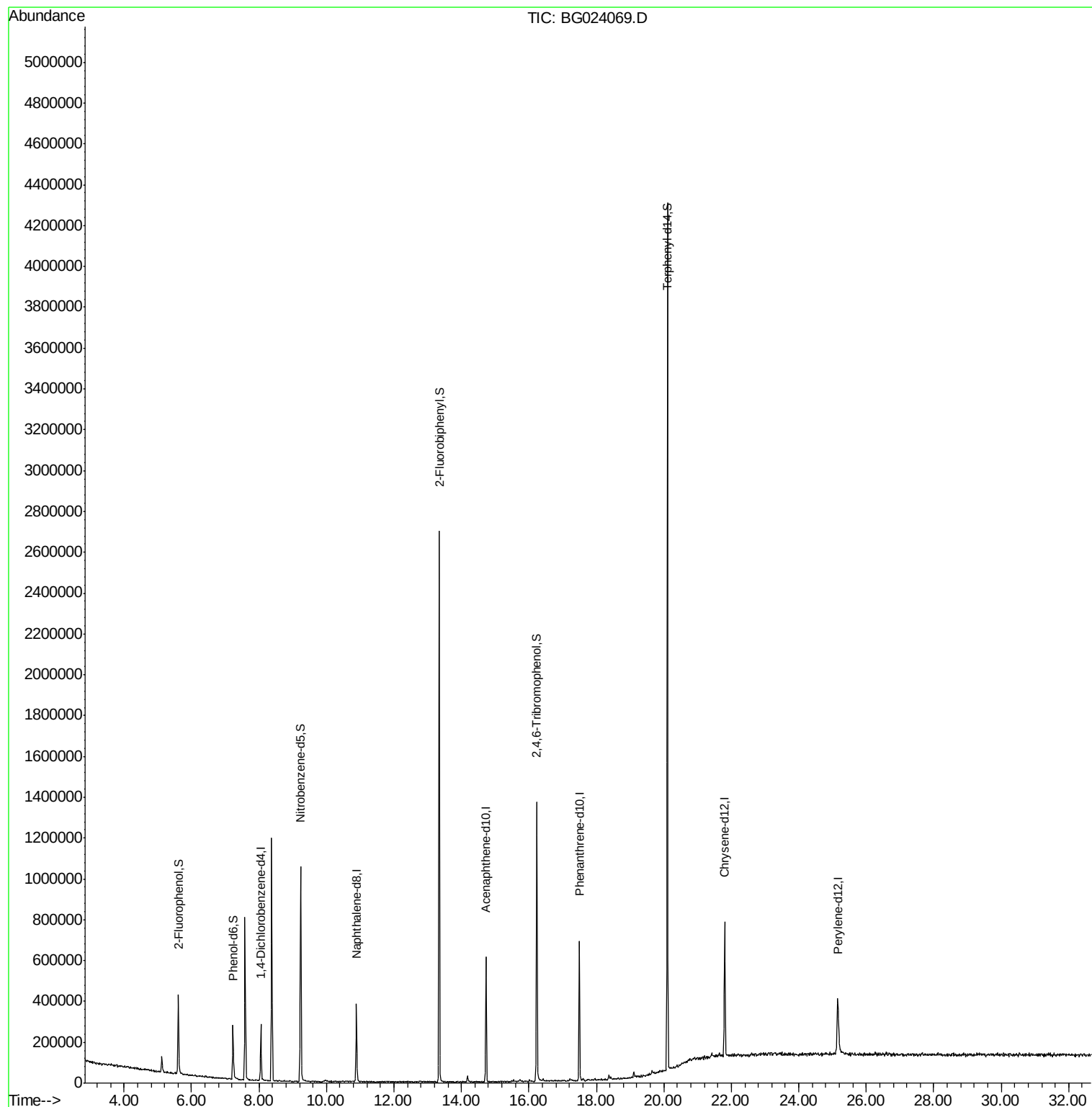
Target Compounds Qvalue

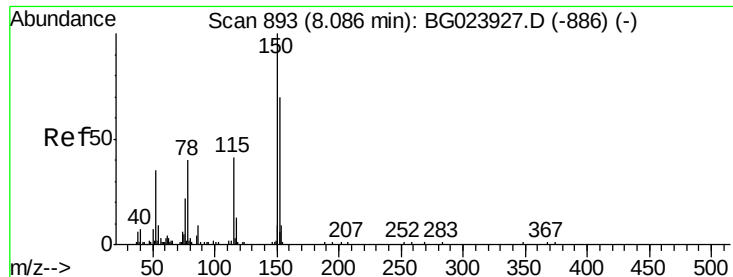
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. 0.01 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-U-M

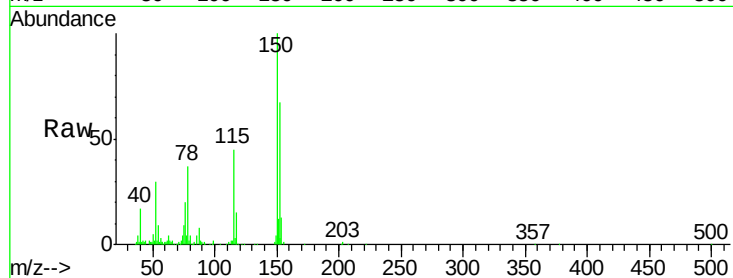
Tot Ion:152 Resp: 69126

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

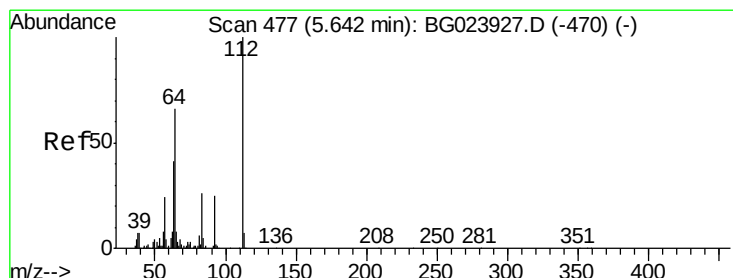
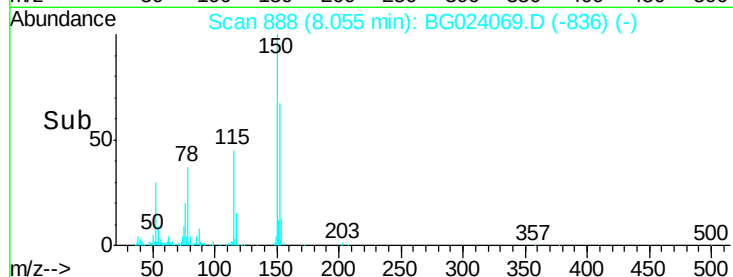
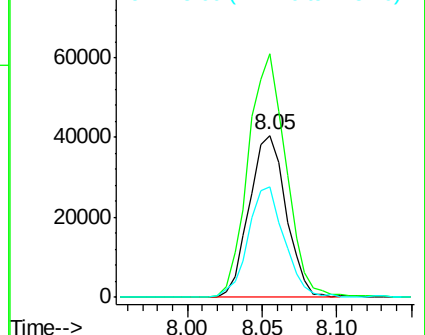
115 67.9 64.0 96.0



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: 39.61 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

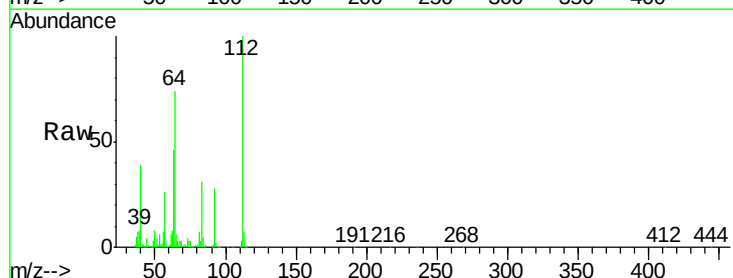
Tgt Ion:112 Resp: 155940

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

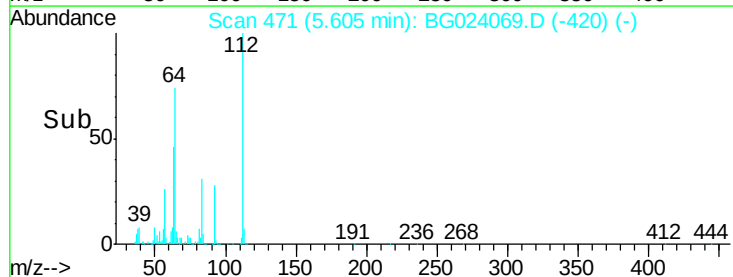
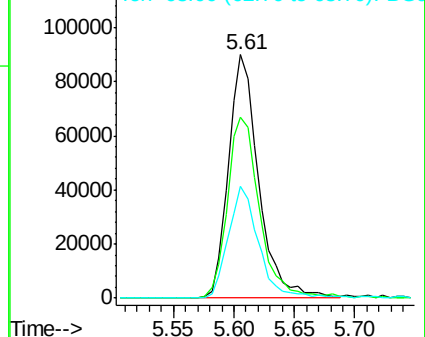
63 45.7 37.8 56.8

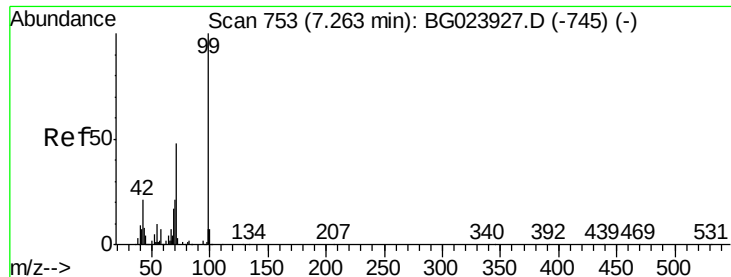


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 26.36 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-U-M

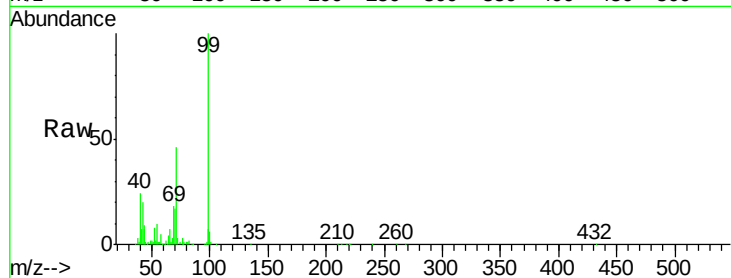
Tot Ion: 99 Resp: 159784

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

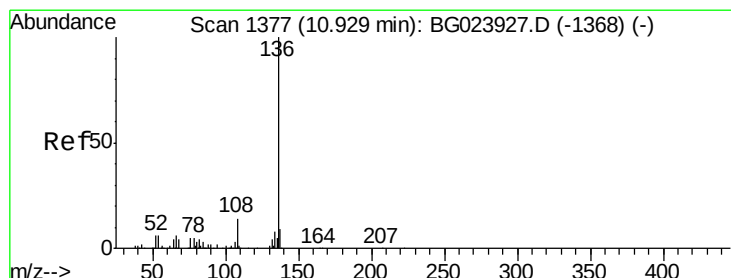
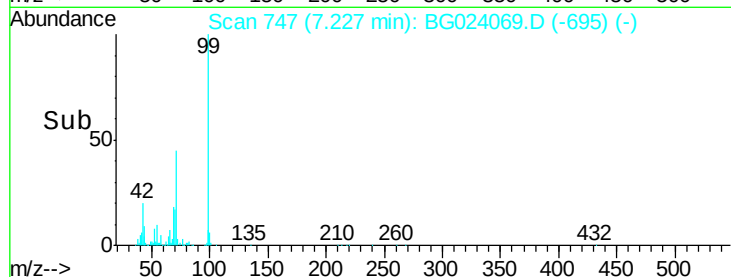
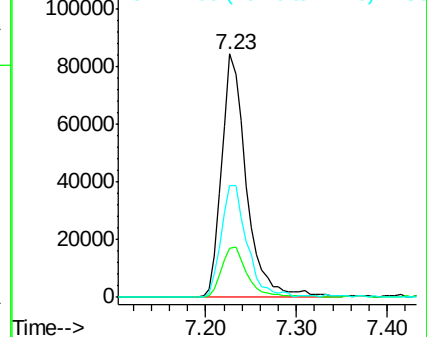
71 45.7 41.5 62.3



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: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Tgt Ion: 136 Resp: 288008

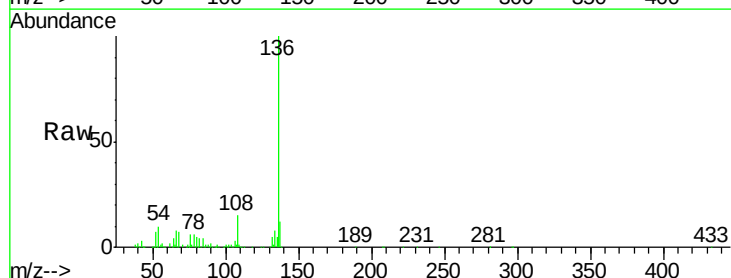
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 9.8 7.3 10.9

68 6.6 5.3 7.9

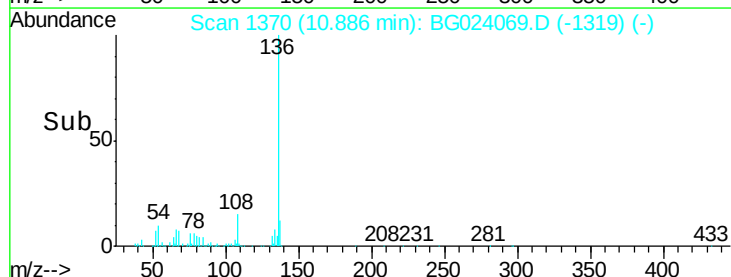
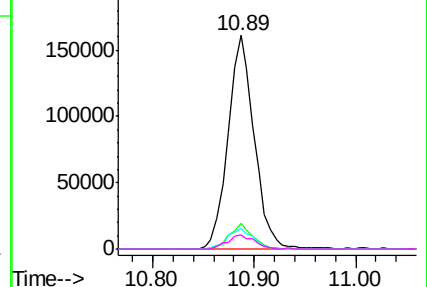


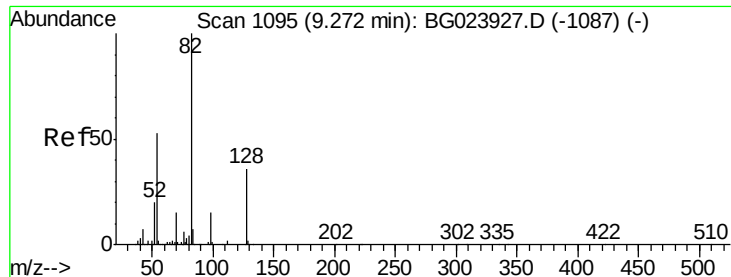
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

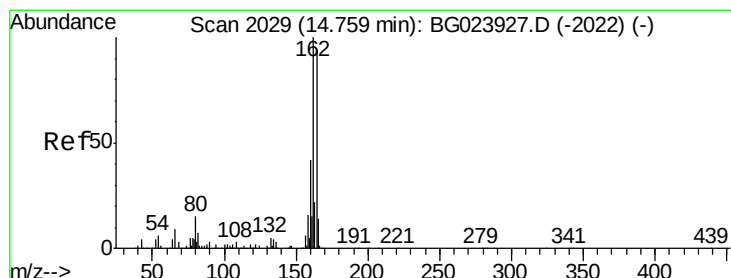
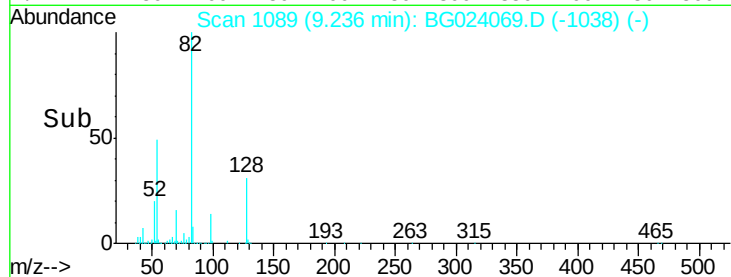
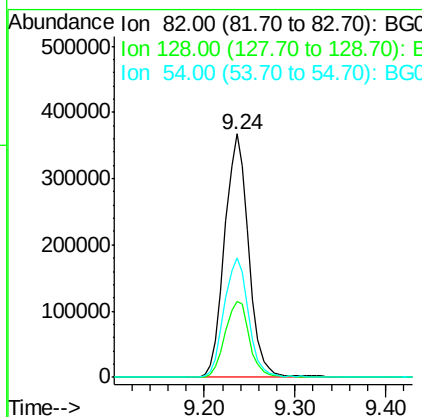
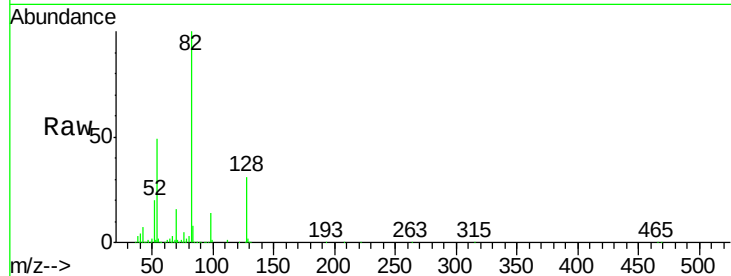




#23
 Nitrobenzene-d5
 Concen: 105.20 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024069.D
 Acq: 22 Sep 2016 4:02

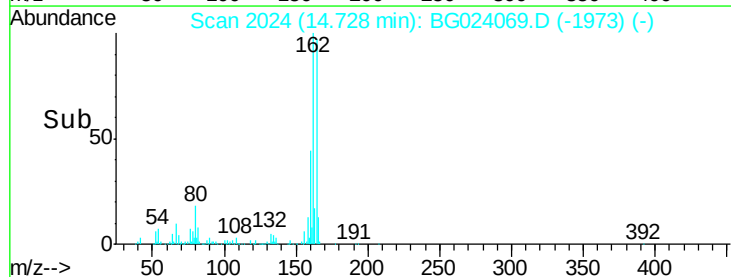
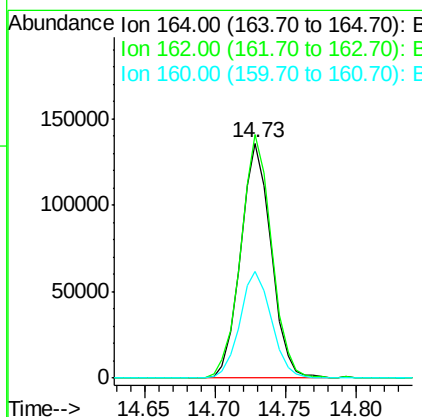
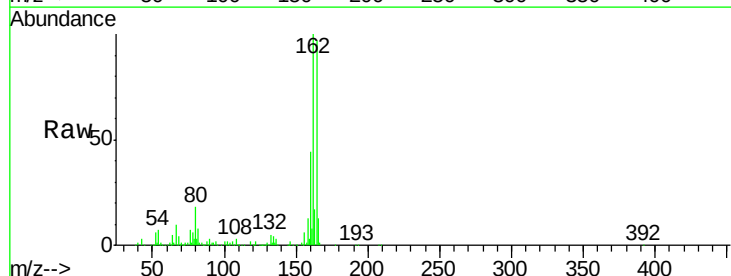
Instrument :
 BNA_G
 ClientSampleId :
 091916-DRDC-F-U-M

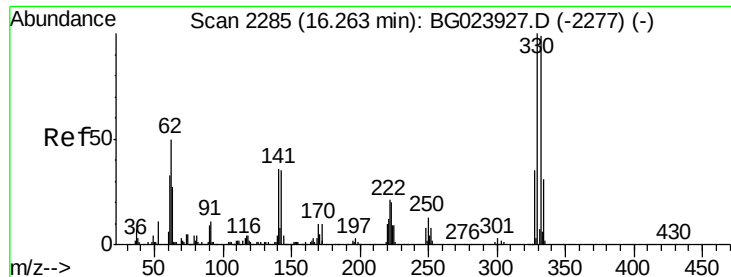
Tot Ion	82	Resp	678670
Ion Ratio	100	Lower	Upper
128	31.2	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG024069.D
 Acq: 22 Sep 2016 4:02

Tgt Ion	164	Resp	205541
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.6	87.7	131.5
160	45.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 65.73 ng

RT: 16.23 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-U-M

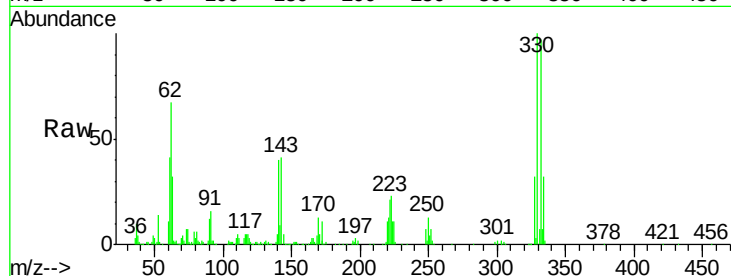
Tot Ion:330 Resp: 243397

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

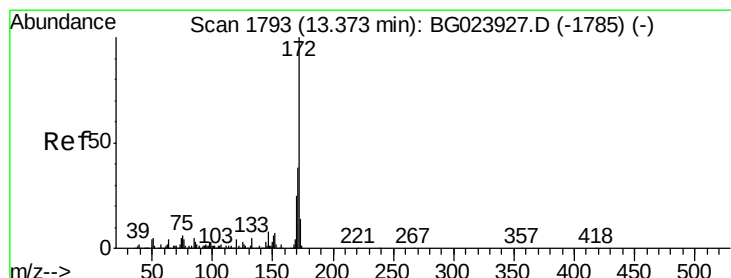
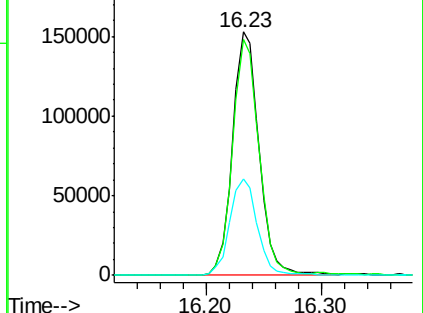
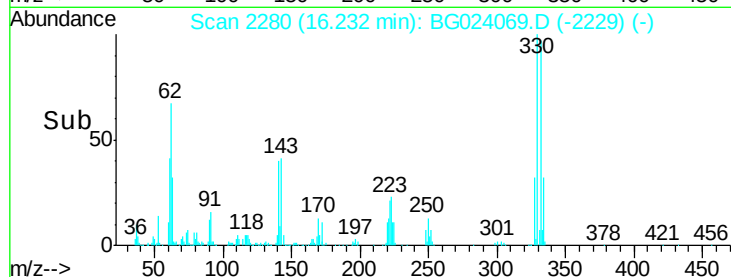
141 41.5 31.7 47.5



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: 87.94 ng

RT: 13.34 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

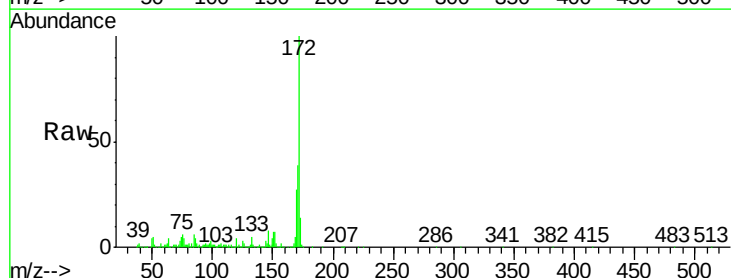
Tgt Ion:172 Resp: 1260661

Ion Ratio Lower Upper

172 100

171 39.4 31.6 47.4

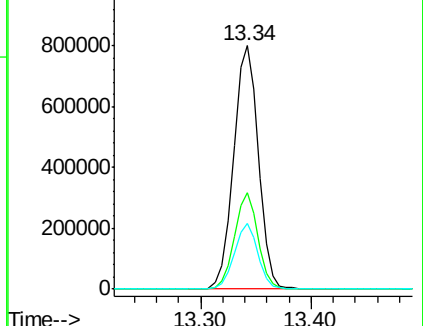
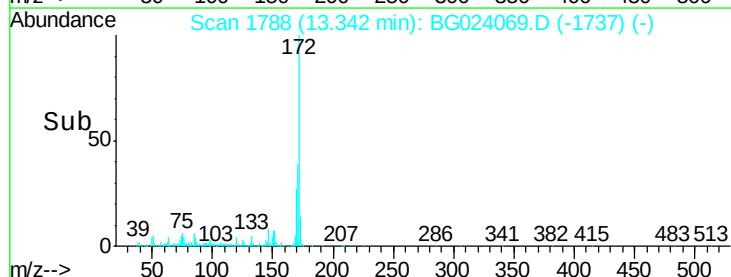
170 26.9 21.3 31.9

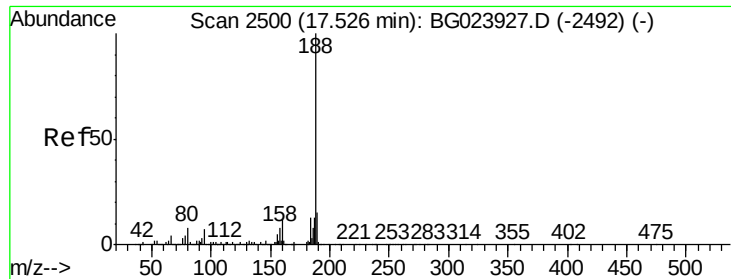


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-U-M

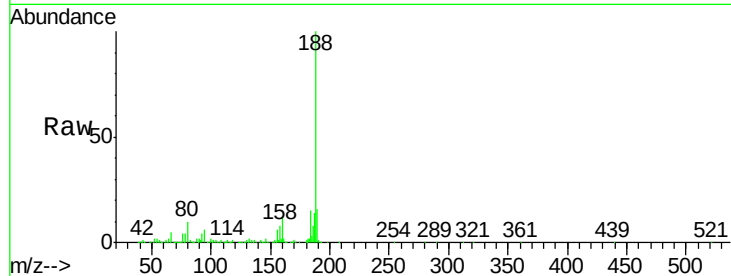
Tot Ion:188 Resp: 408575

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

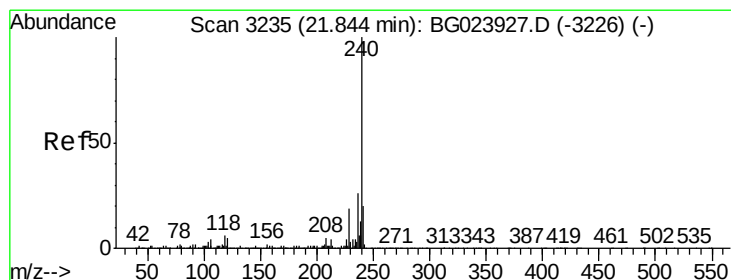
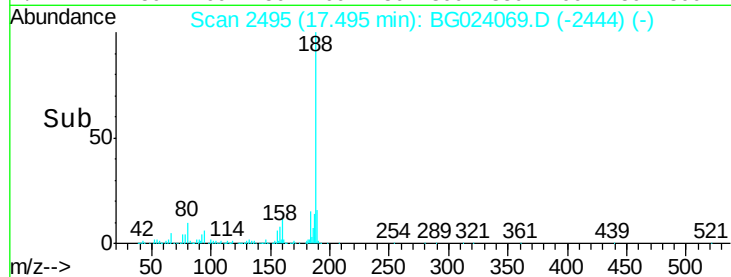
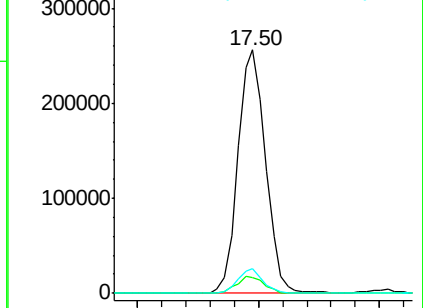
80 10.0 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

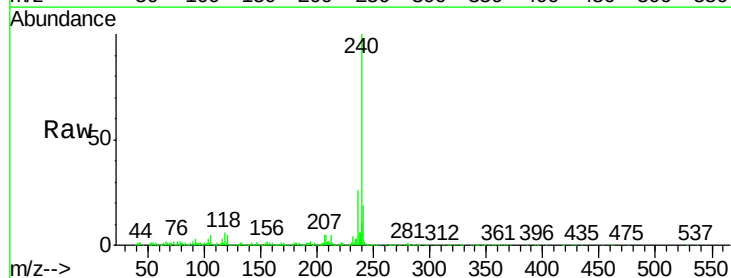
Tgt Ion:240 Resp: 427561

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

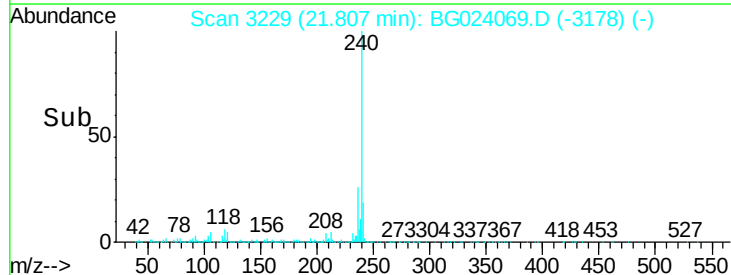
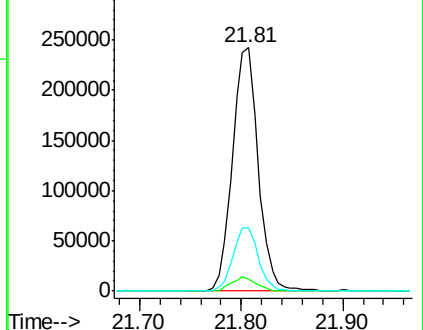
236 25.8 21.1 31.7

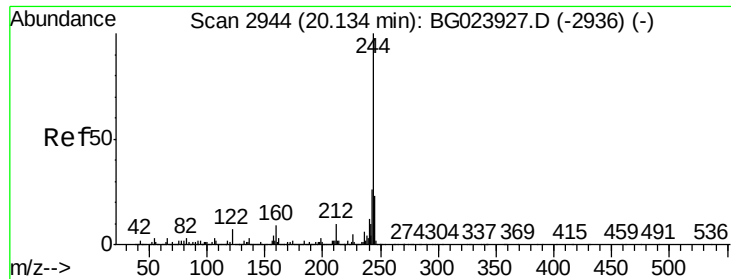


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.06 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Instrument :

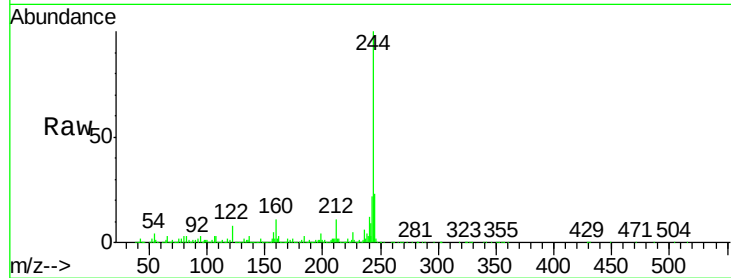
BNA_G

ClientSampleId :

091916-DRDC-F-U-M

Tot Ion:244 Resp: 1709629

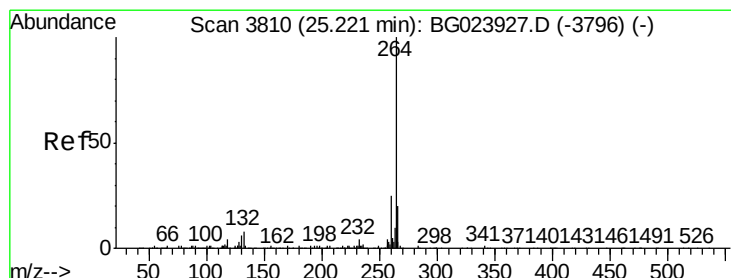
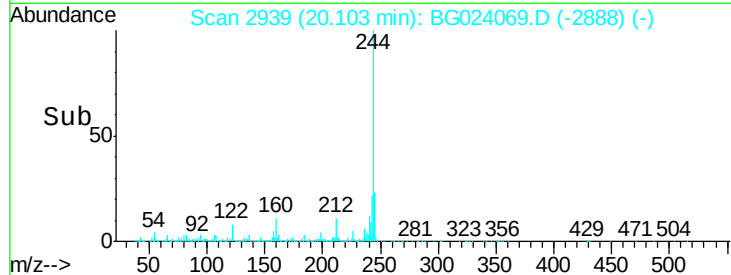
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	8.4	8.0	12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3799

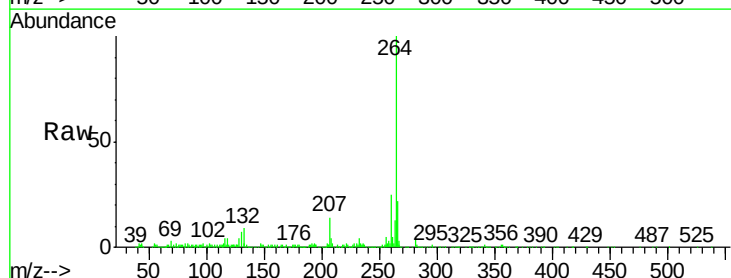
Delta R.T. 0.00 min

Lab File: BG024069.D

Acq: 22 Sep 2016 4:02

Tgt Ion:264 Resp: 384985

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	22.3	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

