

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
 Data File : BG024068.D
 Acq On : 22 Sep 2016 3:24
 Operator : UM/SJ
 Sample : H4861-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 22 07:25:06 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

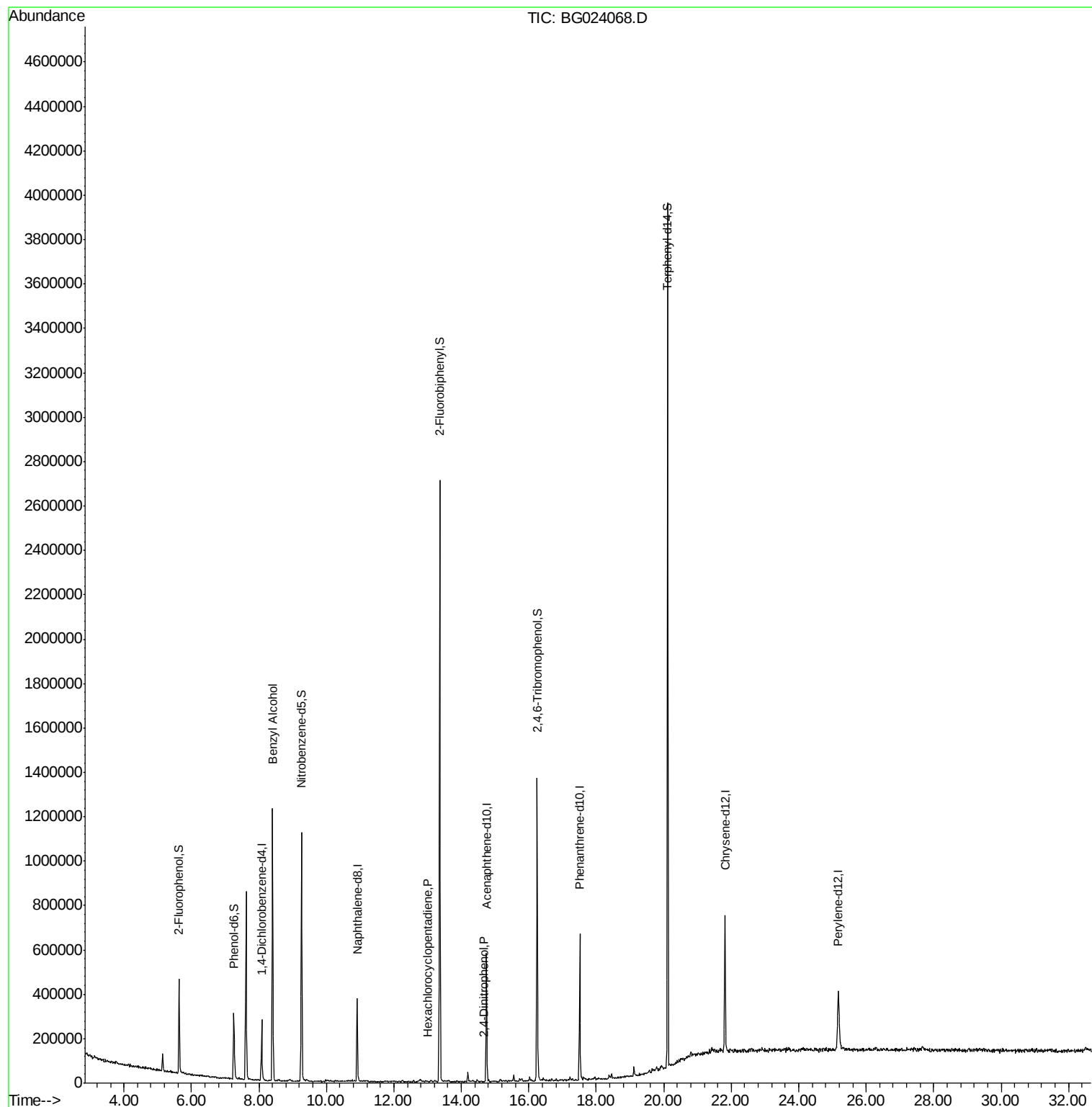
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69142	20.00	ng	0.03
21) Naphthalene-d8	10.91	136	296306	20.00	ng	0.02
38) Acenaphthene-d10	14.75	164	210593	20.00	ng	0.02
63) Phenanthrene-d10	17.51	188	398945	20.00	ng	0.01
75) Chrysene-d12	21.82	240	406913	20.00	ng	0.00
86) Perylene-d12	25.17	264	361496	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	172746	43.86	ng	0.03
7) Phenol-d6	7.26	99	177753	29.32	ng	0.04
23) Nitrobenzene-d5	9.26	82	719486	108.40	ng	0.03
41) 2,4,6-Tribromophenol	16.25	330	252979	66.68	ng	0.01
44) 2-Fluorobiphenyl	13.36	172	1306378	88.94	ng	0.02
78) Terphenyl-d14	20.11	244	1665152	93.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	14191	2.66	ng	# 64
40) Hexachlorocyclopentadiene	13.01	237	144	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.68	184	129	6.55	ng	# 10

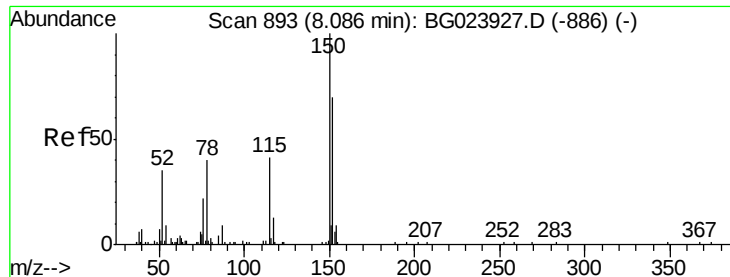
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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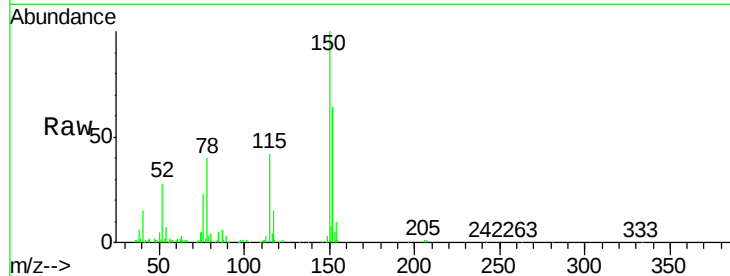


#1

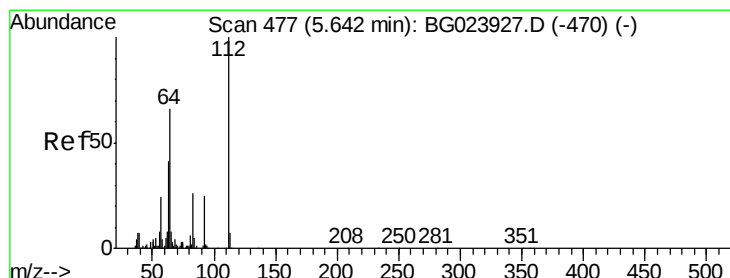
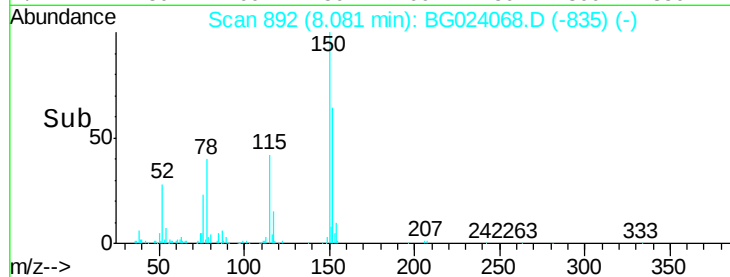
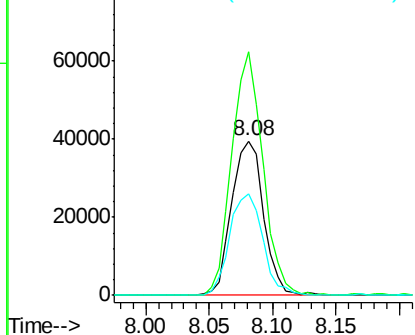
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. 0.03 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

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

Tgt Ion:152 Resp: 69142
Ion Ratio Lower Upper
152 100
150 157.5 144.7 217.1
115 65.6 64.0 96.0



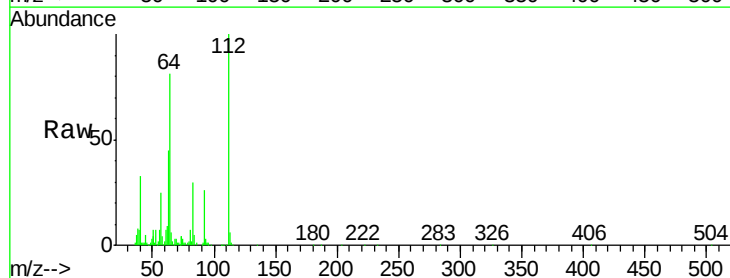
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



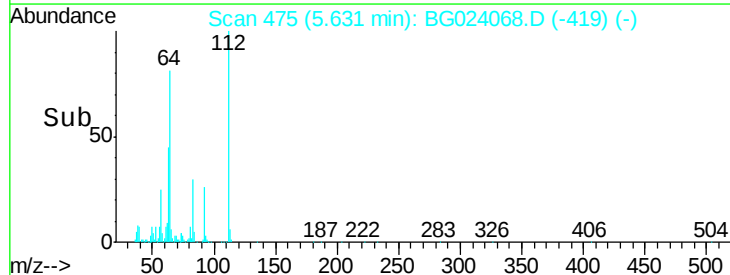
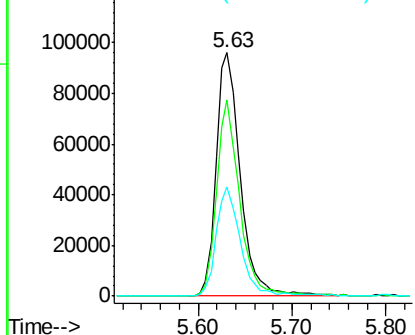
#5

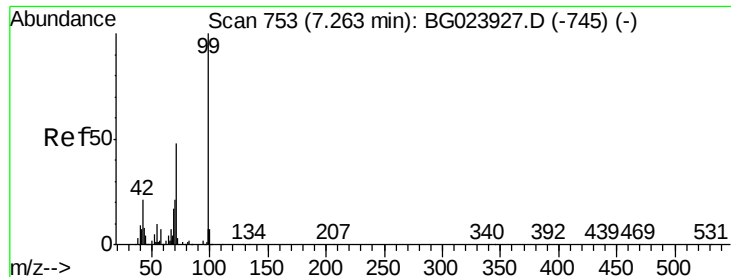
2-Fluorophenol
Concen: 43.86 ng
RT: 5.63 min Scan# 475
Delta R.T. 0.03 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

Tgt Ion:112 Resp: 172746
Ion Ratio Lower Upper
112 100
64 80.8 59.0 88.4
63 45.0 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: 29.32 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.04 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-D-M

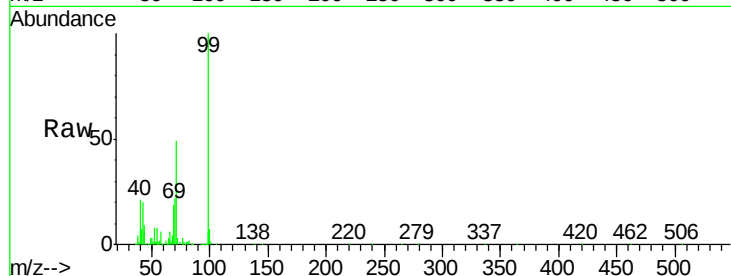
Tgt Ion: 99 Resp: 177753

Ion Ratio Lower Upper

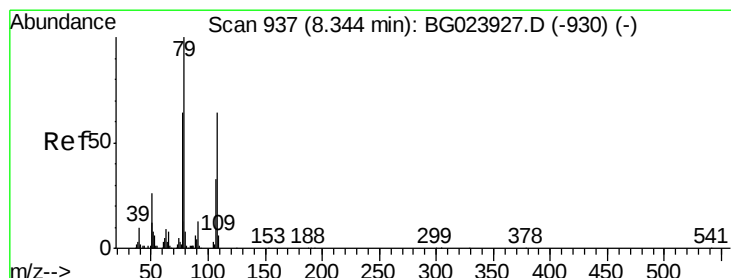
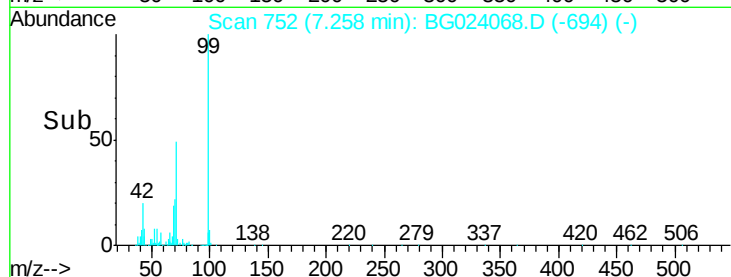
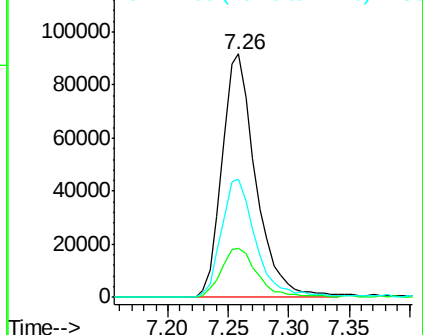
99 100

42 20.1 17.8 26.6

71 48.6 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: 2.66 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.10 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

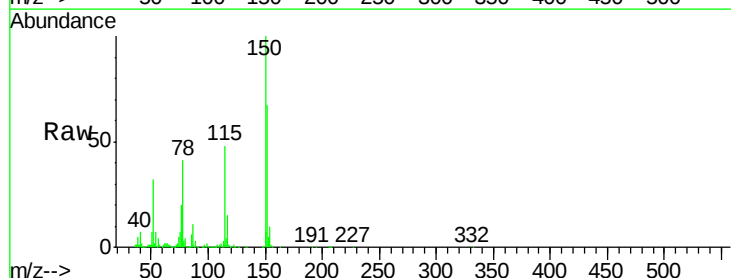
Tgt Ion: 79 Resp: 14191

Ion Ratio Lower Upper

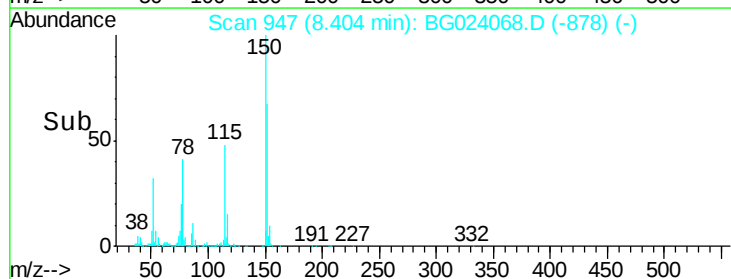
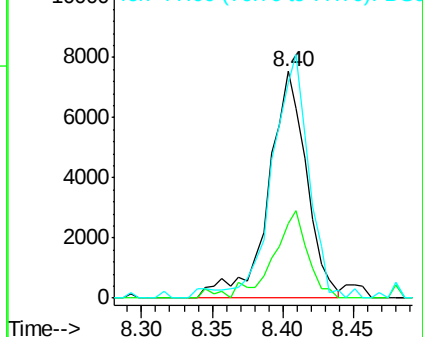
79 100

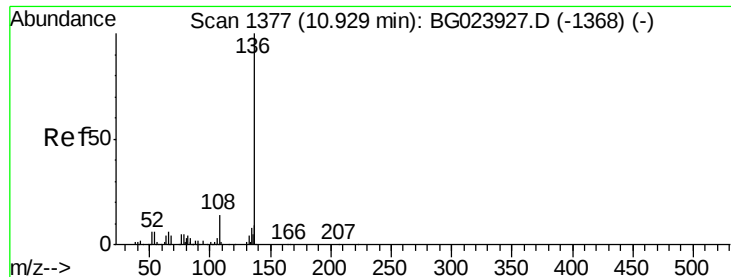
108 32.8 46.5 69.7#

77 94.9 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

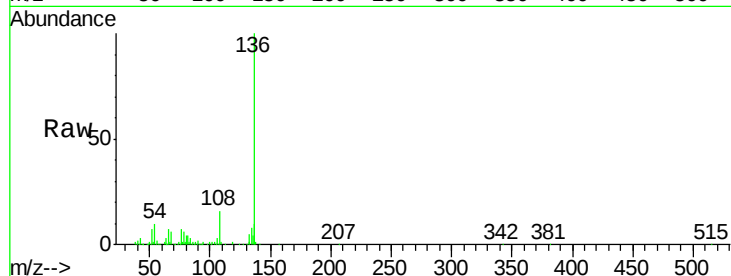




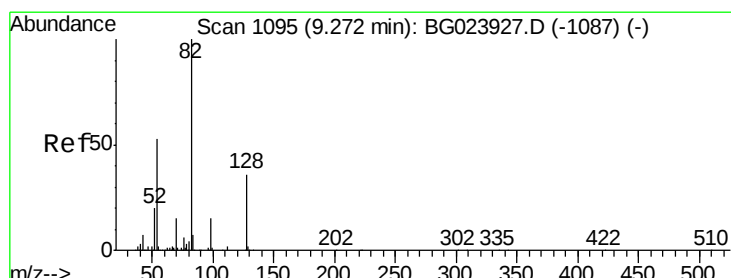
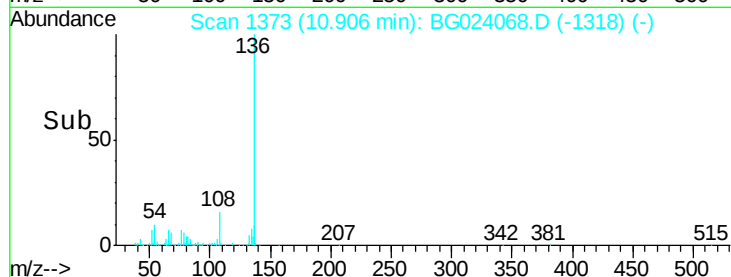
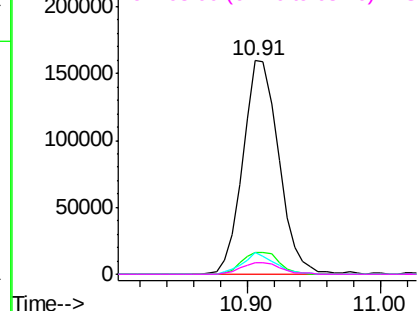
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1373
Delta R.T. 0.02 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

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

Tgt Ion:	136	Resp:	296306
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	10.1	7.3	10.9
68	5.6	5.3	7.9

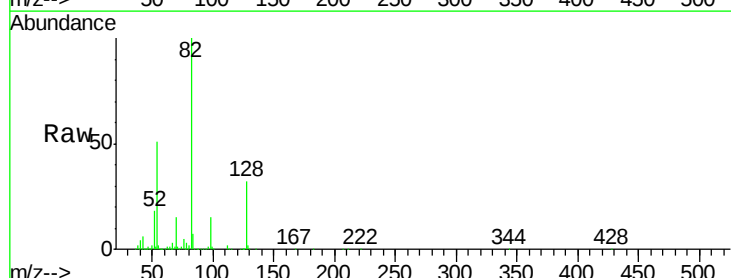


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

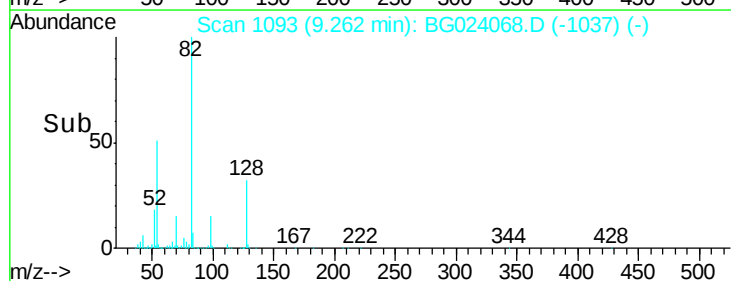
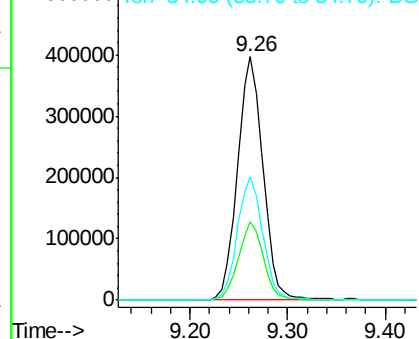


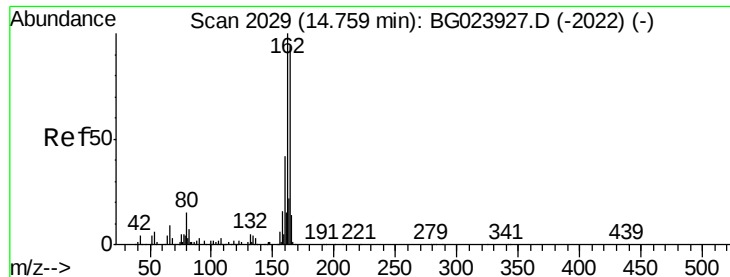
#23
Nitrobenzene-d5
Concen: 108.40 ng
RT: 9.26 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

Tgt Ion:	82	Resp:	719486
Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	50.7	41.4	62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. 0.02 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-D-M

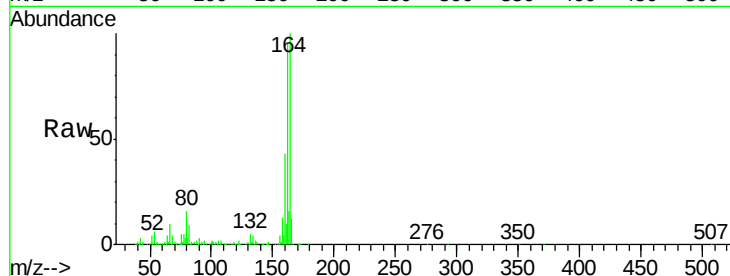
Tgt Ion:164 Resp: 210593

Ion Ratio Lower Upper

164 100

162 94.9 87.7 131.5

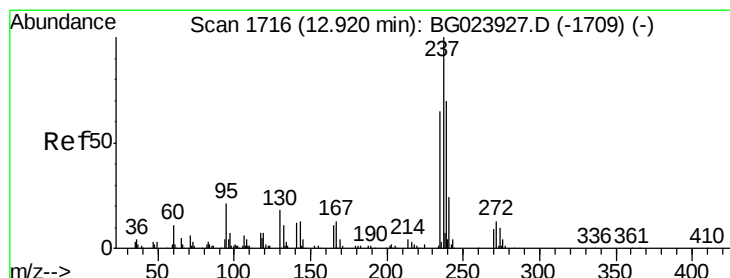
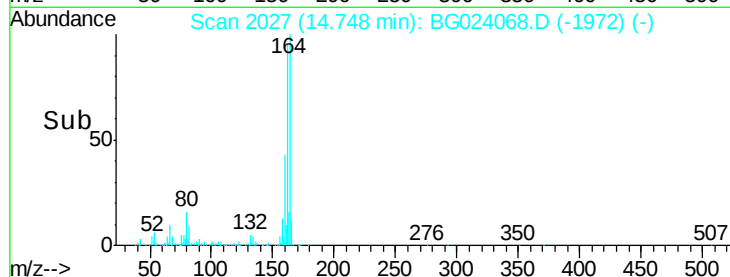
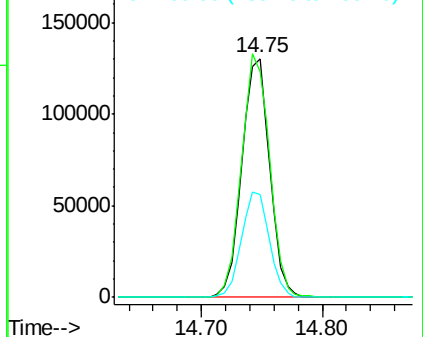
160 43.2 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 7.11 ng

RT: 13.01 min Scan# 1731

Delta R.T. 0.13 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

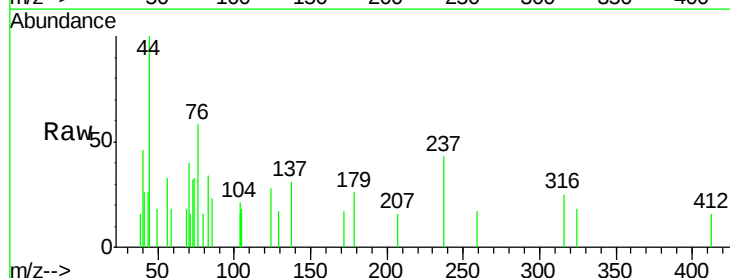
Tgt Ion:237 Resp: 144

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

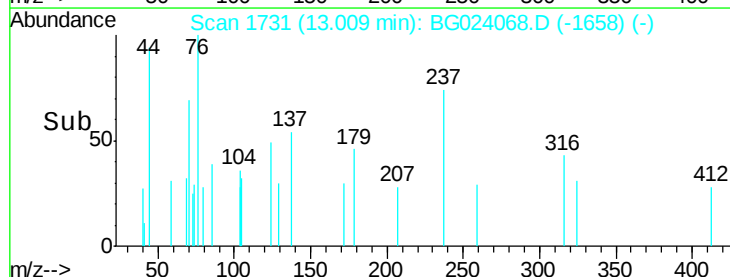
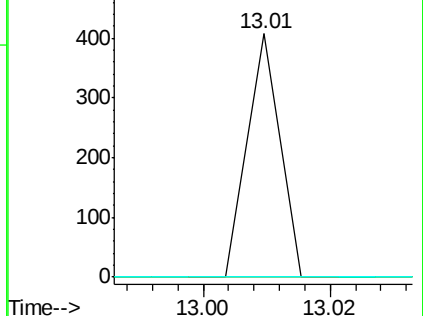
272 0.0 0.0 30.9

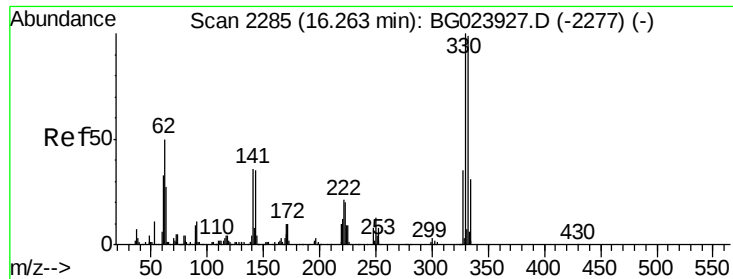


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

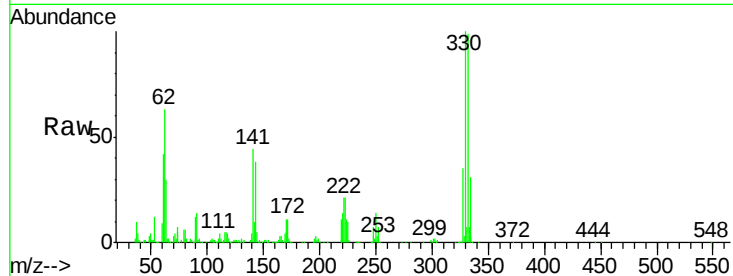




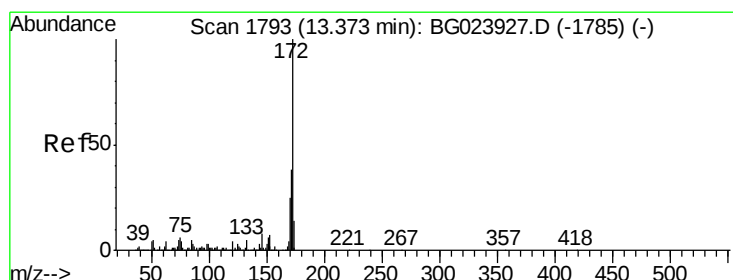
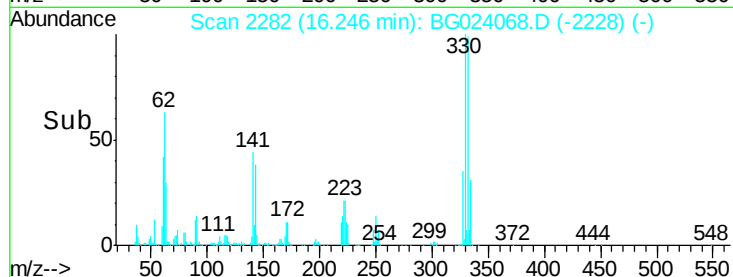
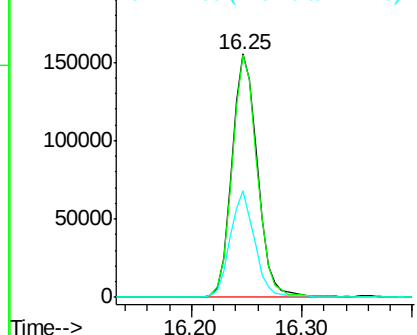
#41
 2,4,6-Tribromophenol
 Concen: 66.68 ng
 RT: 16.25 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BG024068.D
 Acq: 22 Sep 2016 3:24

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

Tgt Ion:330 Resp: 252979
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 41.8 31.7 47.5

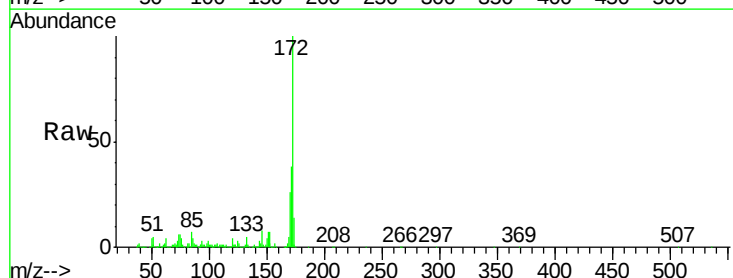


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

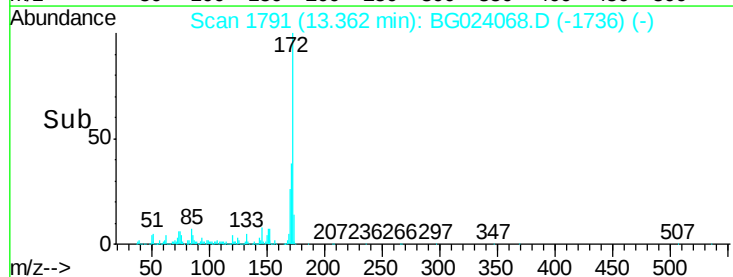
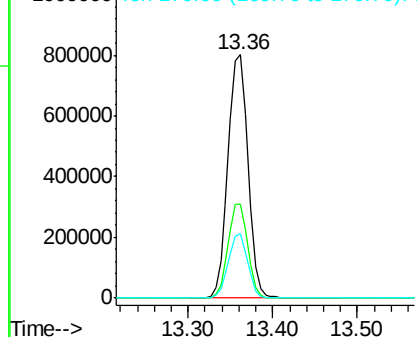


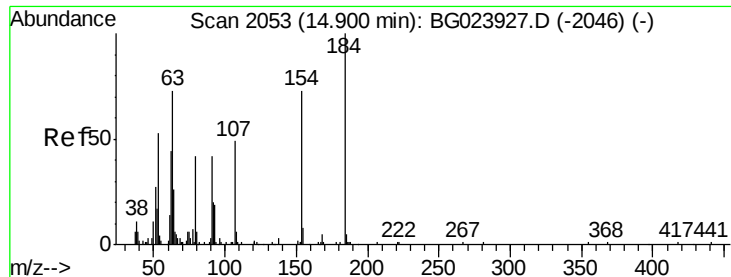
#44
 2-Fluorobiphenyl
 Concen: 88.94 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. 0.02 min
 Lab File: BG024068.D
 Acq: 22 Sep 2016 3:24

Tgt Ion:172 Resp: 1306378
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.6 47.4
 170 26.4 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





#53

2,4-Dinitrophenol

Concen: 6.55 ng

RT: 14.68 min Scan# 2015

Delta R.T. -0.19 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

Instrument :

BNA_G

ClientSampleId :

091916-DRDC-F-D-M

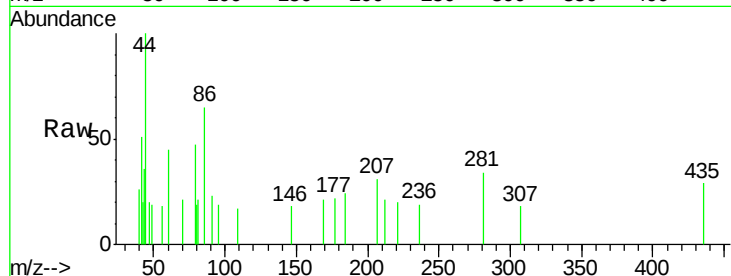
Tgt Ion:184 Resp: 129

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

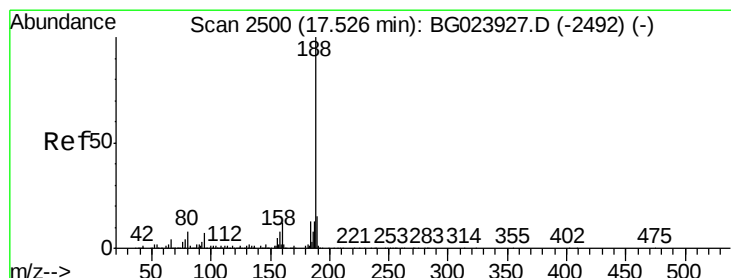
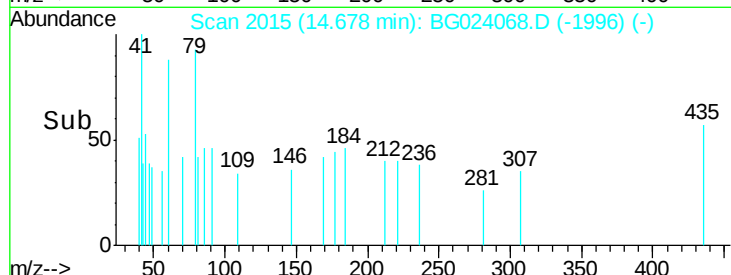
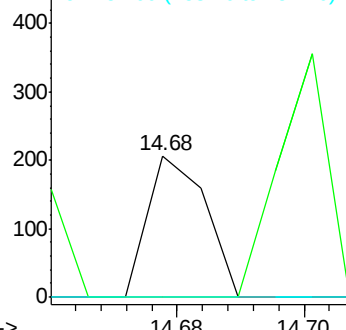
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BG024068.D

Acq: 22 Sep 2016 3:24

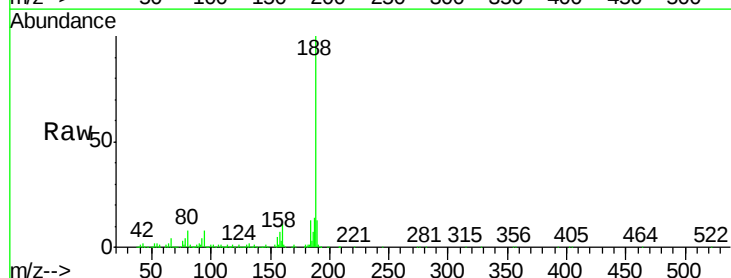
Tgt Ion:188 Resp: 398945

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

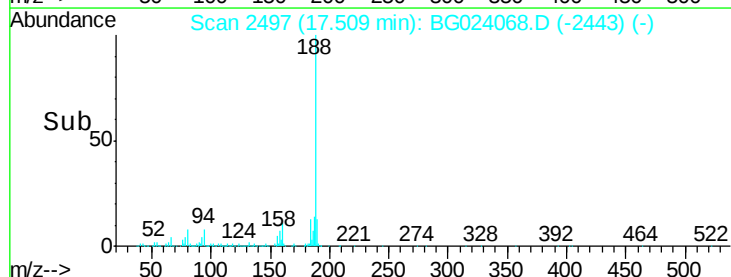
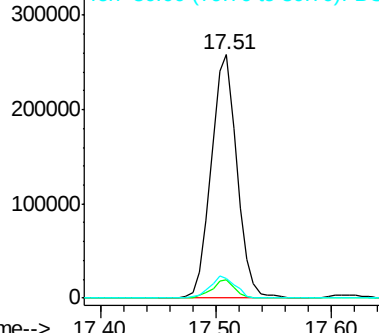
80 8.2 7.2 10.8

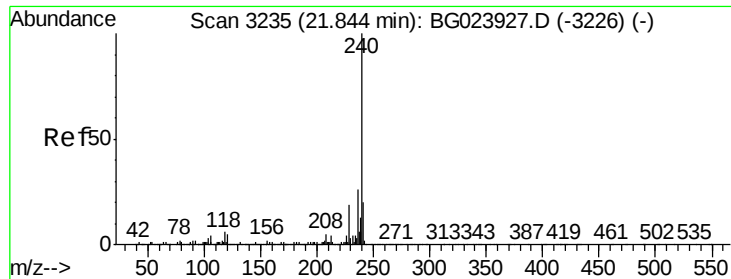


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

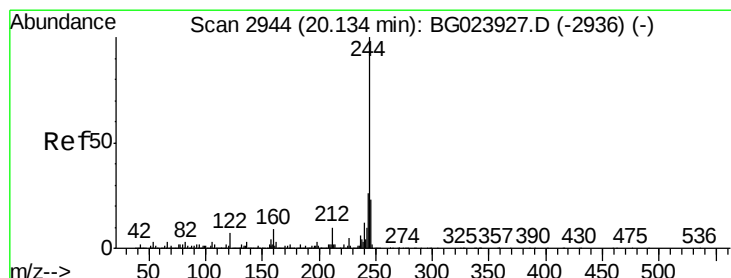
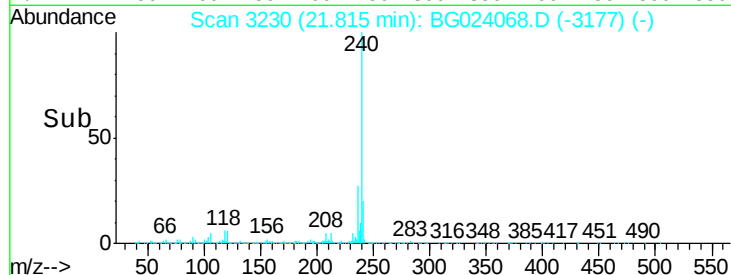
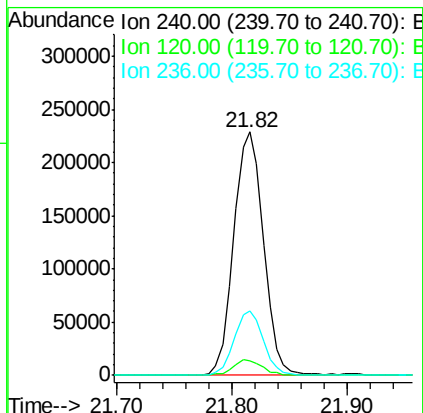
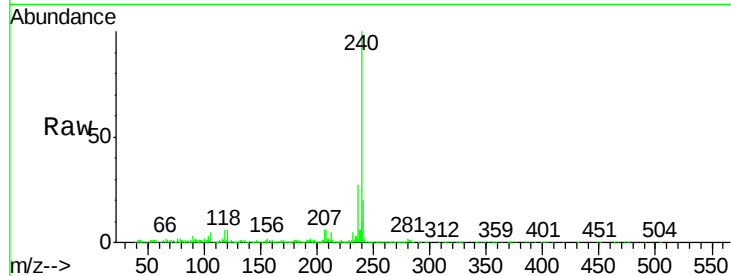




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.01 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

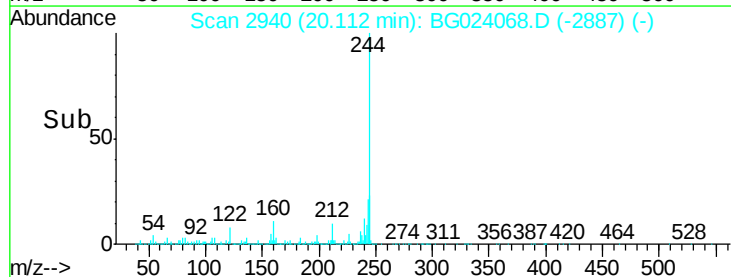
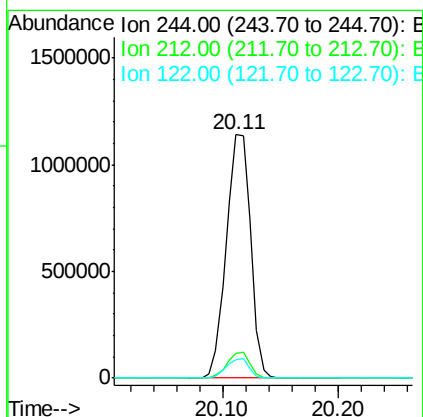
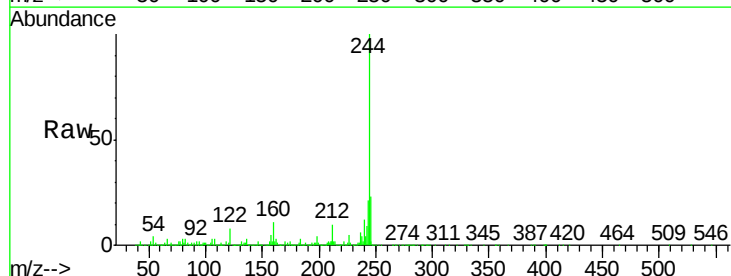
Instrument :
BNA_G
ClientSampleId :
091916-DRDC-F-D-M

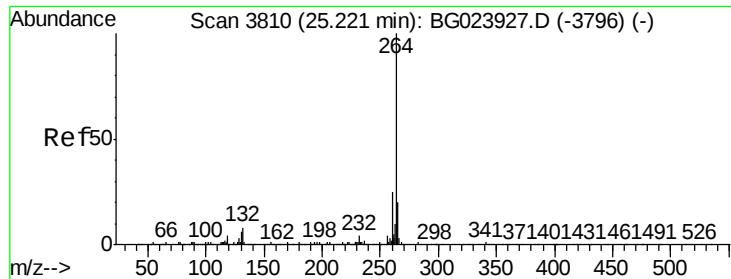
Tgt Ion:240 Resp: 406913
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 93.19 ng
RT: 20.11 min Scan# 2940
Delta R.T. 0.01 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

Tgt Ion:244 Resp: 1665152
Ion Ratio Lower Upper
244 100
212 10.2 10.8 16.2#
122 7.5 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BG024068.D
Acq: 22 Sep 2016 3:24

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.5	18.9	28.3

