

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024014.D
 Acq On : 17 Sep 2016 4:19
 Operator : UM/SJ
 Sample : H4811-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 091516-DRDC-F-U-M

Quant Time: Sep 17 04:56:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 04:50:01 2016
 Response via : Initial Calibration

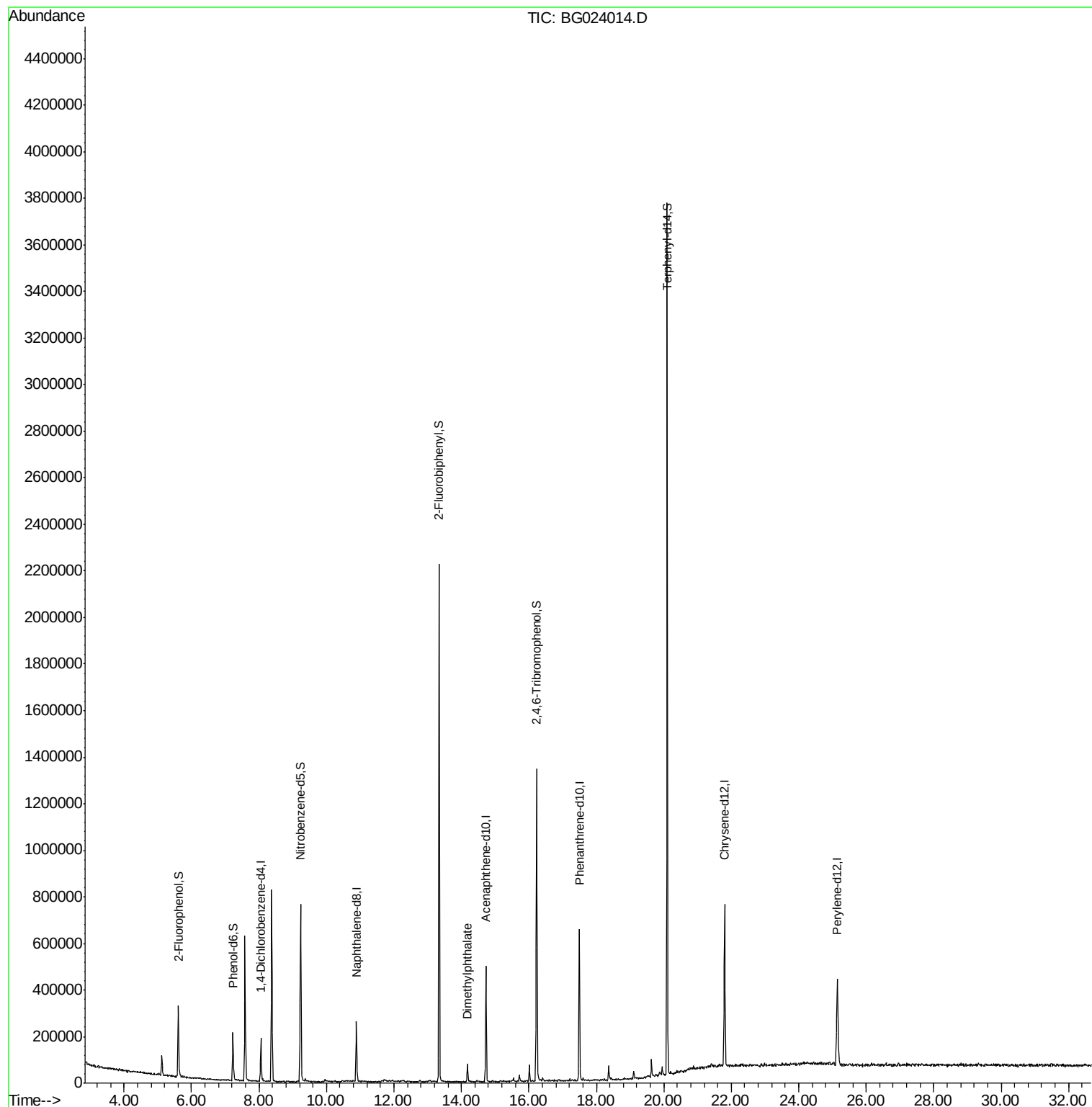
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44395	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	199836	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	173620	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	403854	20.00	ng	0.00
75) Chrysene-d12	21.80	240	429241	20.00	ng	0.00
86) Perylene-d12	25.14	264	429587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	121196	47.93	ng	0.00
7) Phenol-d6	7.23	99	116388	29.90	ng	0.00
23) Nitrobenzene-d5	9.24	82	499545	111.60	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	249667	79.82	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1028210	84.91	ng	0.00
78) Terphenyl-d14	20.10	244	1540711	81.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	49327	3.31	ng	Qvalue 99

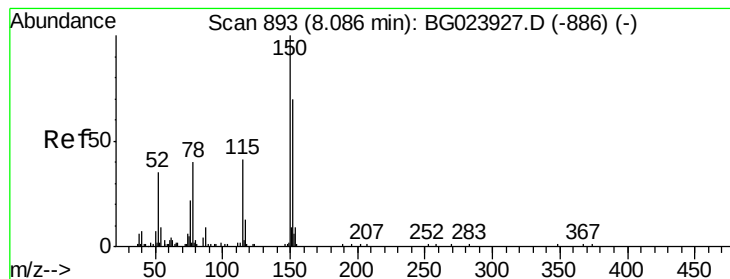
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG024014.D

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Instrument :

BNA_G

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091516-DRDC-F-U-M

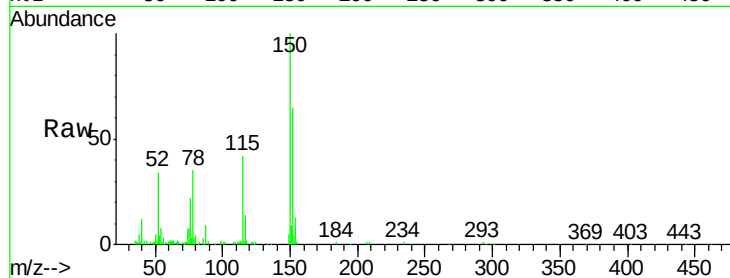
Tot Ion:152 Resp: 44395

Ion Ratio Lower Upper

152 100

150 153.1 144.7 217.1

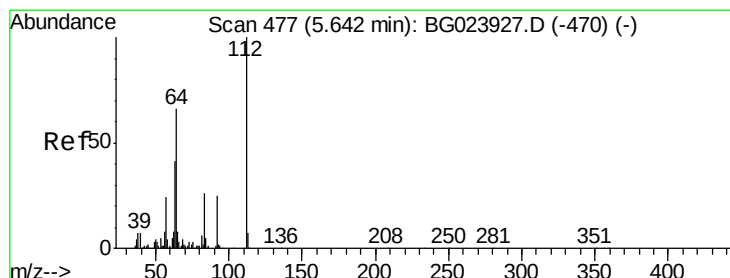
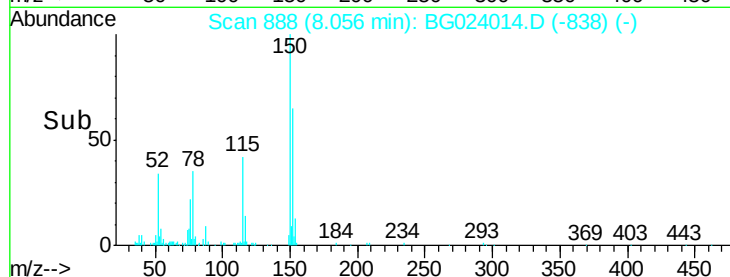
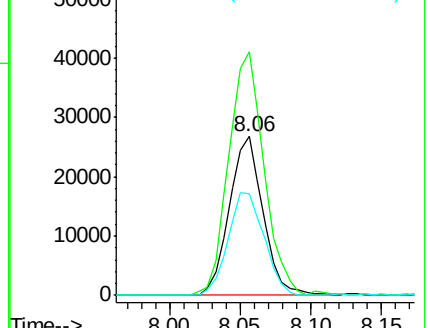
115 64.1 64.0 96.0



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: 47.93 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

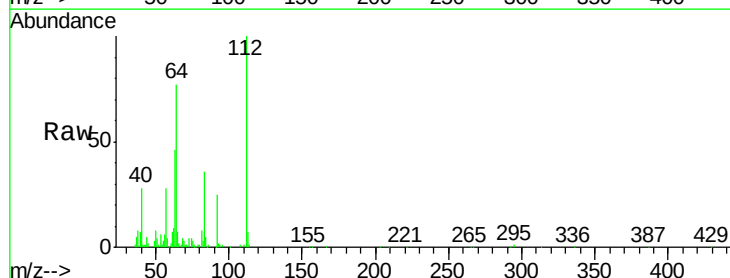
Tgt Ion:112 Resp: 121196

Ion Ratio Lower Upper

112 100

64 77.4 59.0 88.4

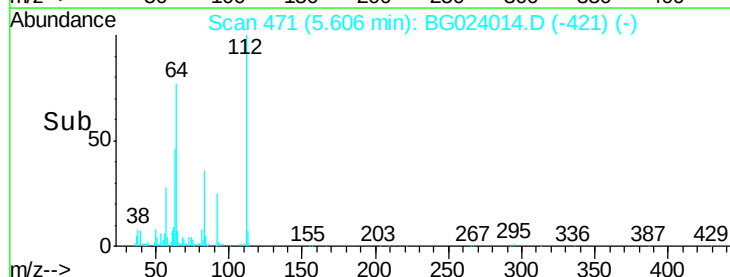
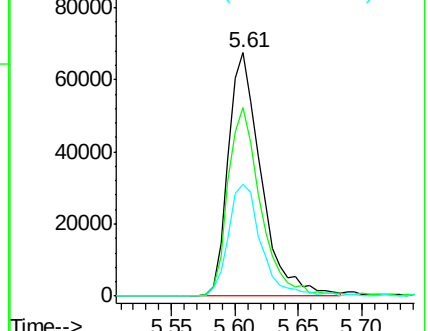
63 46.0 37.8 56.8

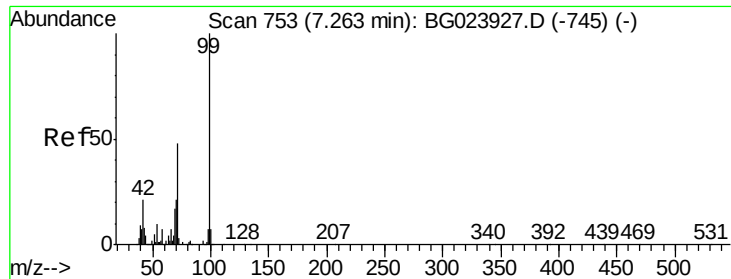


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.90 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-U-M

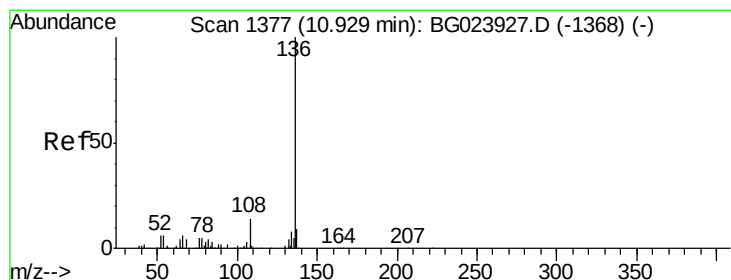
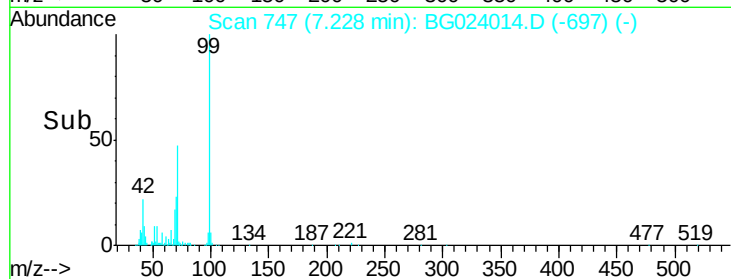
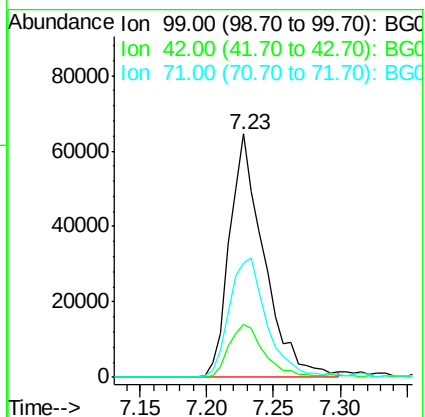
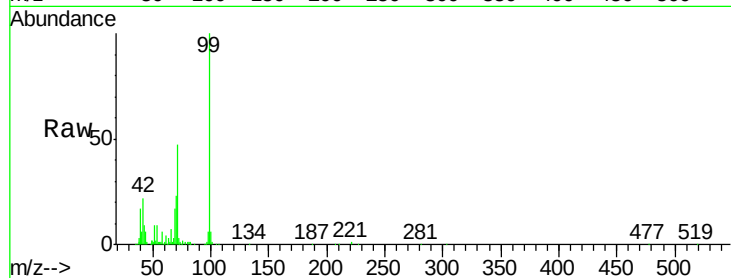
Tot Ion: 99 Resp: 116388

Ion Ratio Lower Upper

99 100

42 21.6 17.8 26.6

71 47.0 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

Tgt Ion: 136 Resp: 199836

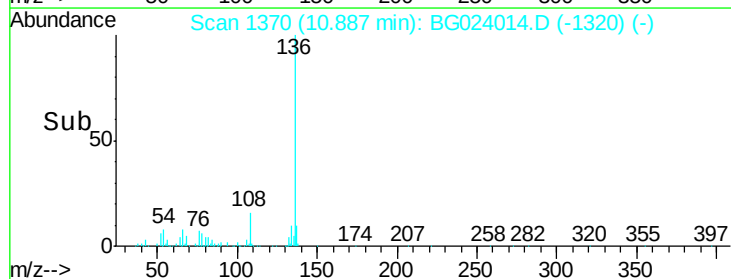
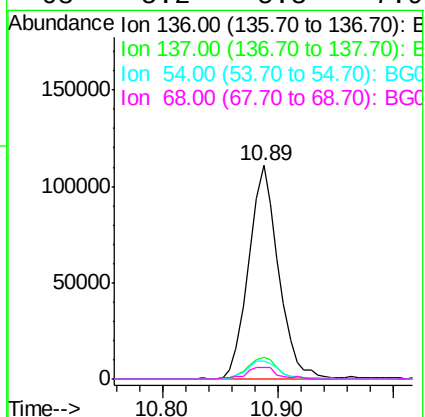
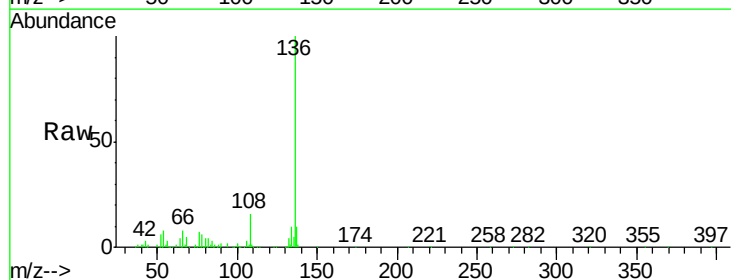
Ion Ratio Lower Upper

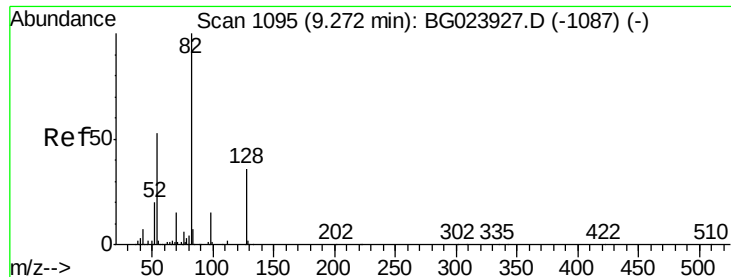
136 100

137 10.3 9.6 14.4

54 8.3 7.3 10.9

68 5.2 5.3 7.9#

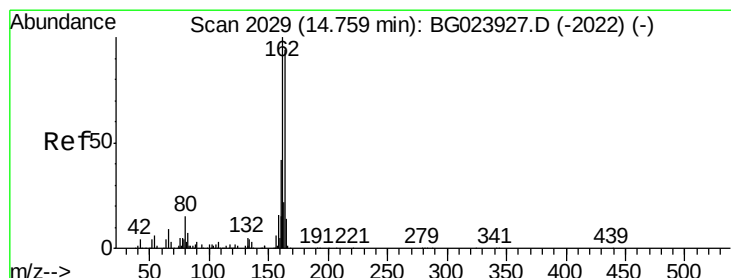
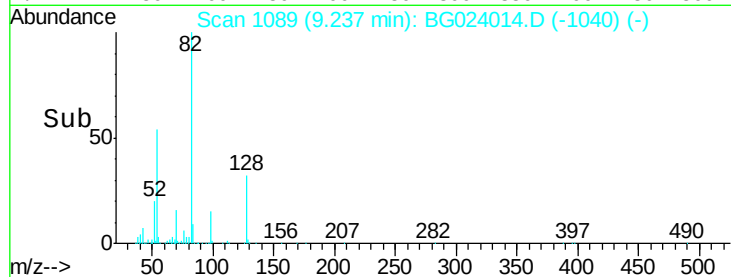
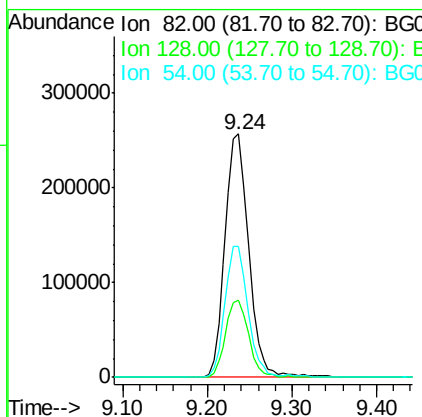
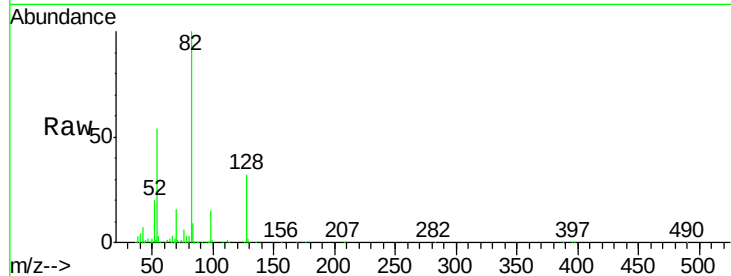




#23
 Nitrobenzene-d5
 Concen: 111.60 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024014.D
 Acq: 17 Sep 2016 4:19

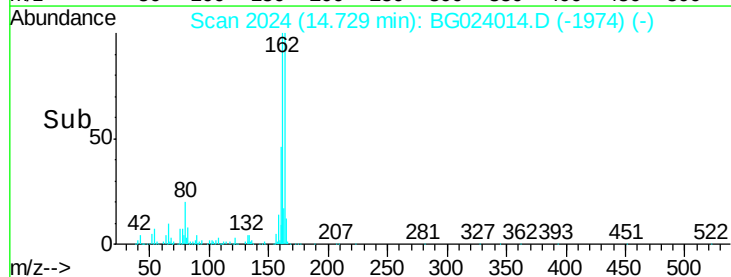
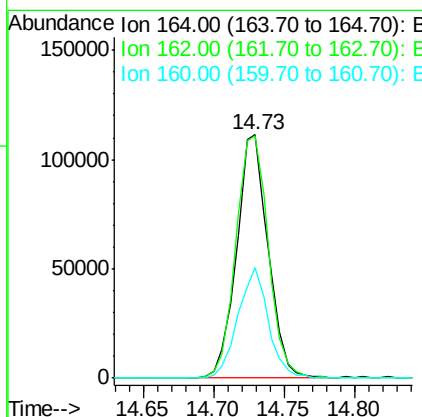
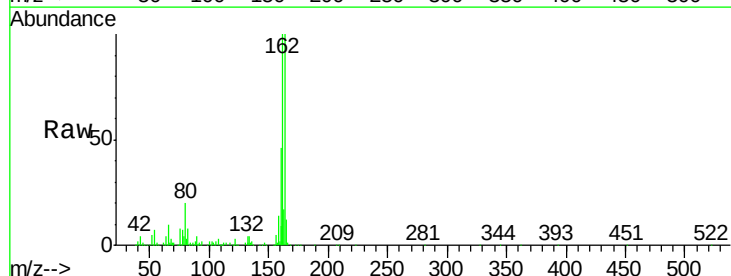
Instrument :
 BNA_G
 ClientSampleId :
 091516-DRDC-F-U-M

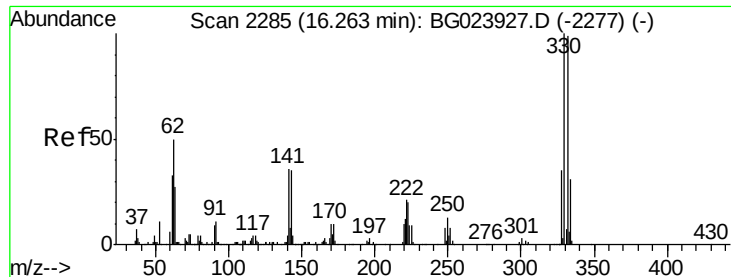
Tot Ion	82	Resp	499545
Ion Ratio	Lower	Upper	
82	100		
128	31.8	24.4	36.6
54	54.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG024014.D
 Acq: 17 Sep 2016 4:19

Tgt Ion	164	Resp	173620
Ion Ratio	Lower	Upper	
164	100		
162	99.6	87.7	131.5
160	45.5	37.2	55.8

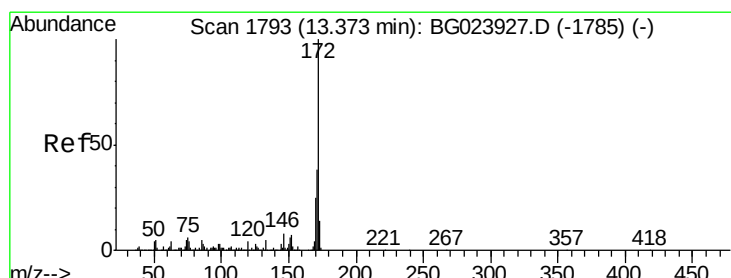
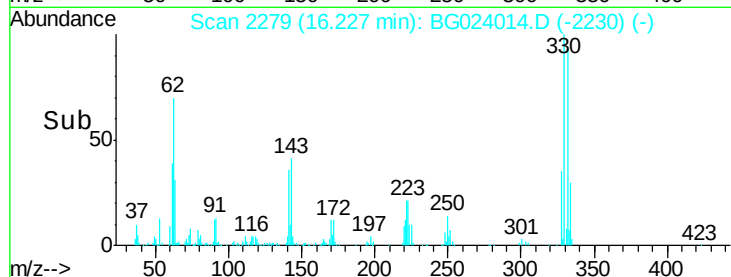
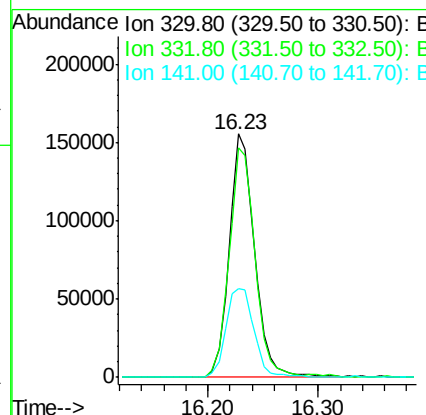
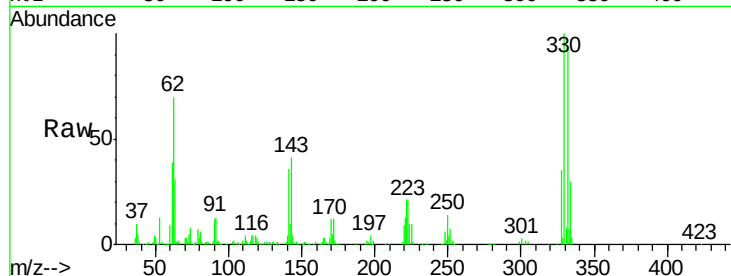




#41
 2,4,6-Tribromophenol
 Concen: 79.82 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG024014.D
 Acq: 17 Sep 2016 4:19

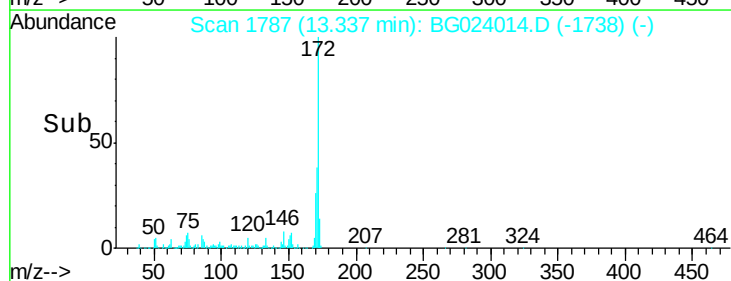
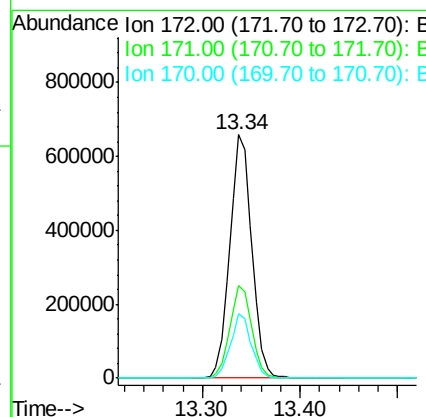
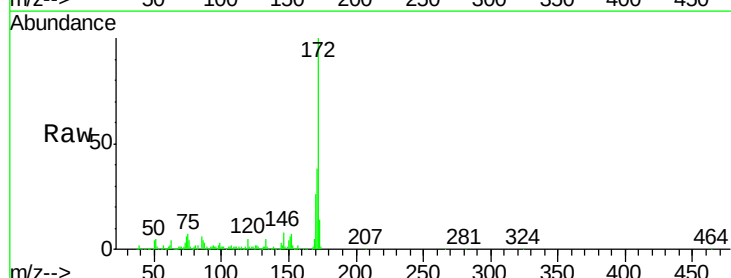
Instrument :
 BNA_G
 ClientSampleId :
 091516-DRDC-F-U-M

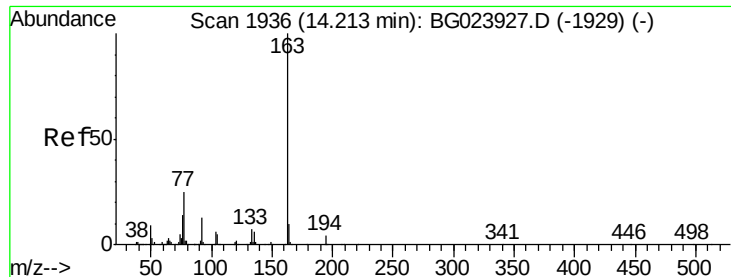
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	40.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 84.91 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024014.D
 Acq: 17 Sep 2016 4:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.6	47.4
170	26.4	21.3	31.9





#49

Dimethylphthalate

Concen: 3.31 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-U-M

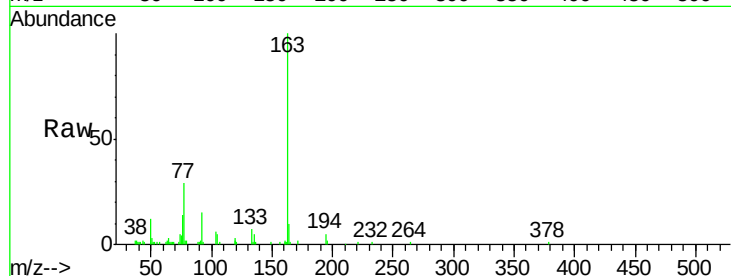
Tot Ion:163 Resp: 49327

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

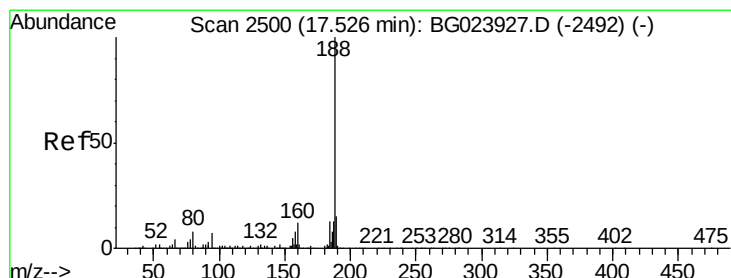
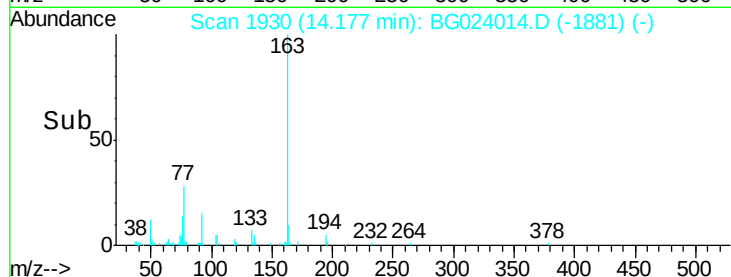
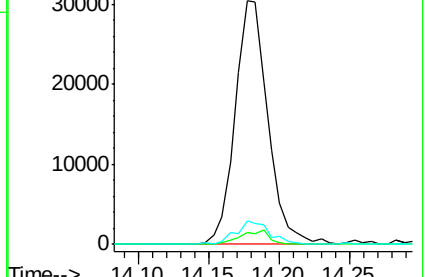
164 9.6 8.1 12.1



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: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

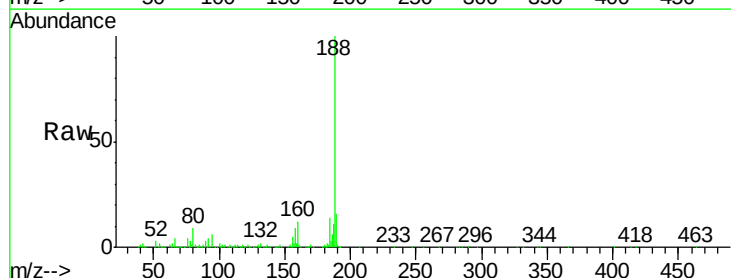
Tgt Ion:188 Resp: 403854

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

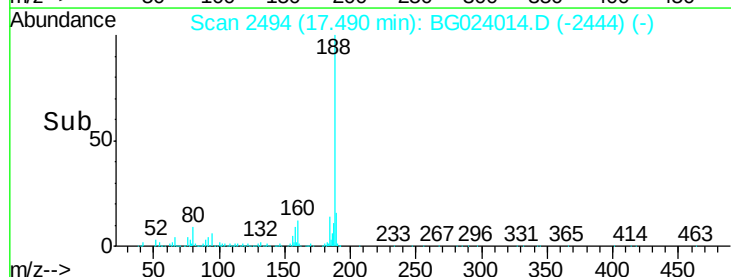
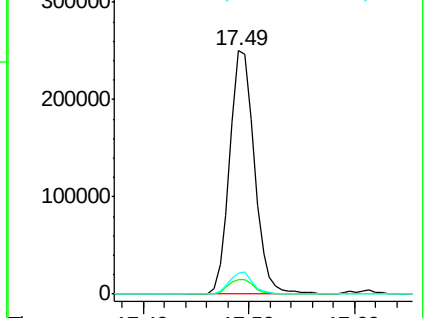
80 8.6 7.2 10.8

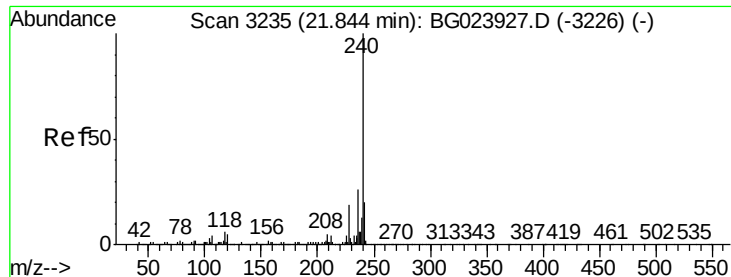


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

Instrument :

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ClientSampleId :

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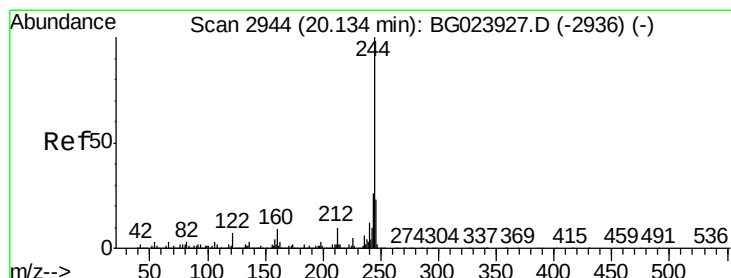
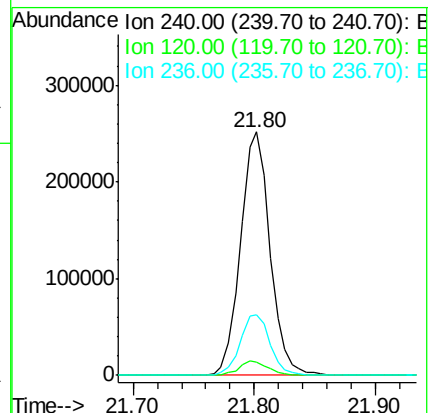
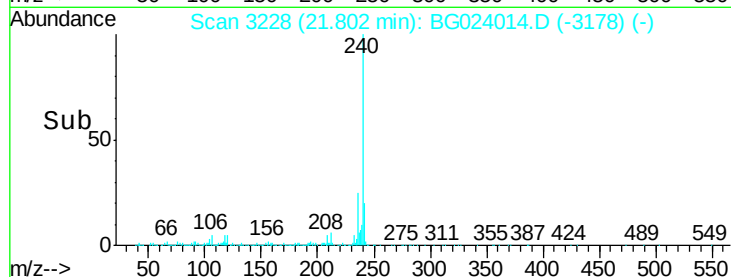
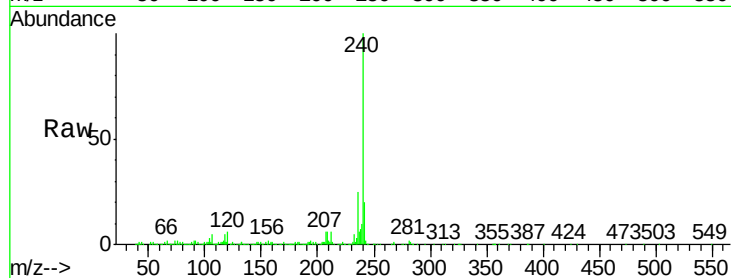
Tot Ion:240 Resp: 429241

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

236 24.7 21.1 31.7



#78

Terphenyl-d14

Concen: 81.74 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BG024014.D

Acq: 17 Sep 2016 4:19

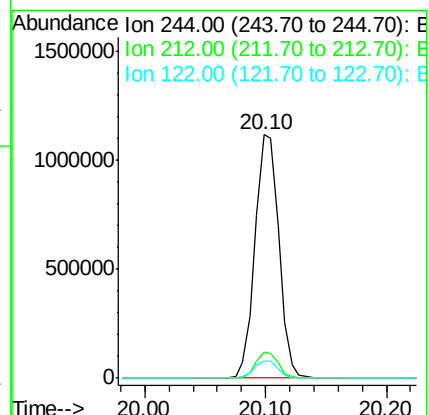
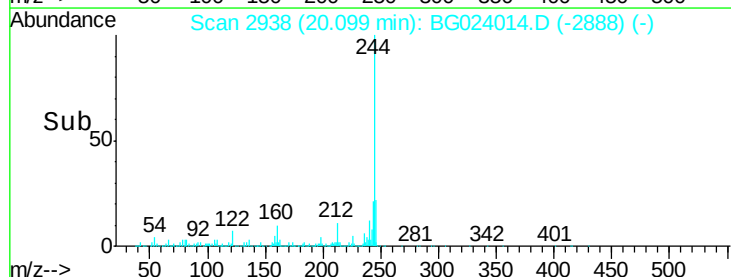
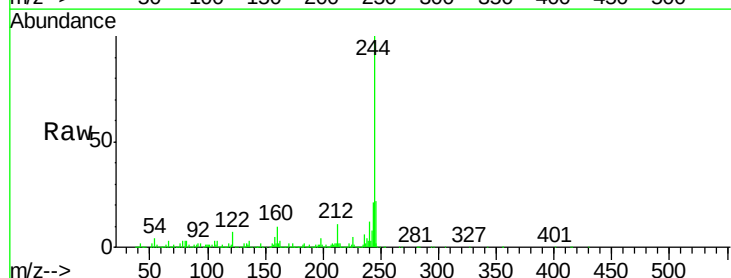
Tgt Ion:244 Resp: 1540711

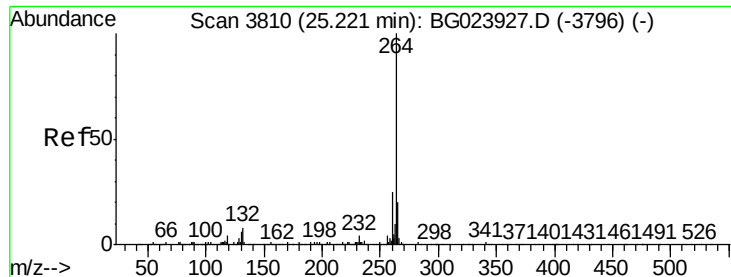
Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

122 7.3 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3797
 Delta R.T. -0.00 min
 Lab File: BG024014.D
 Acq: 17 Sep 2016 4:19

Instrument :
 BNA_G
 ClientSampleId :
 091516-DRDC-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.4	18.9	28.3

