

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024013.D
 Acq On : 17 Sep 2016 3:41
 Operator : UM/SJ
 Sample : H4811-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 17 04:45:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

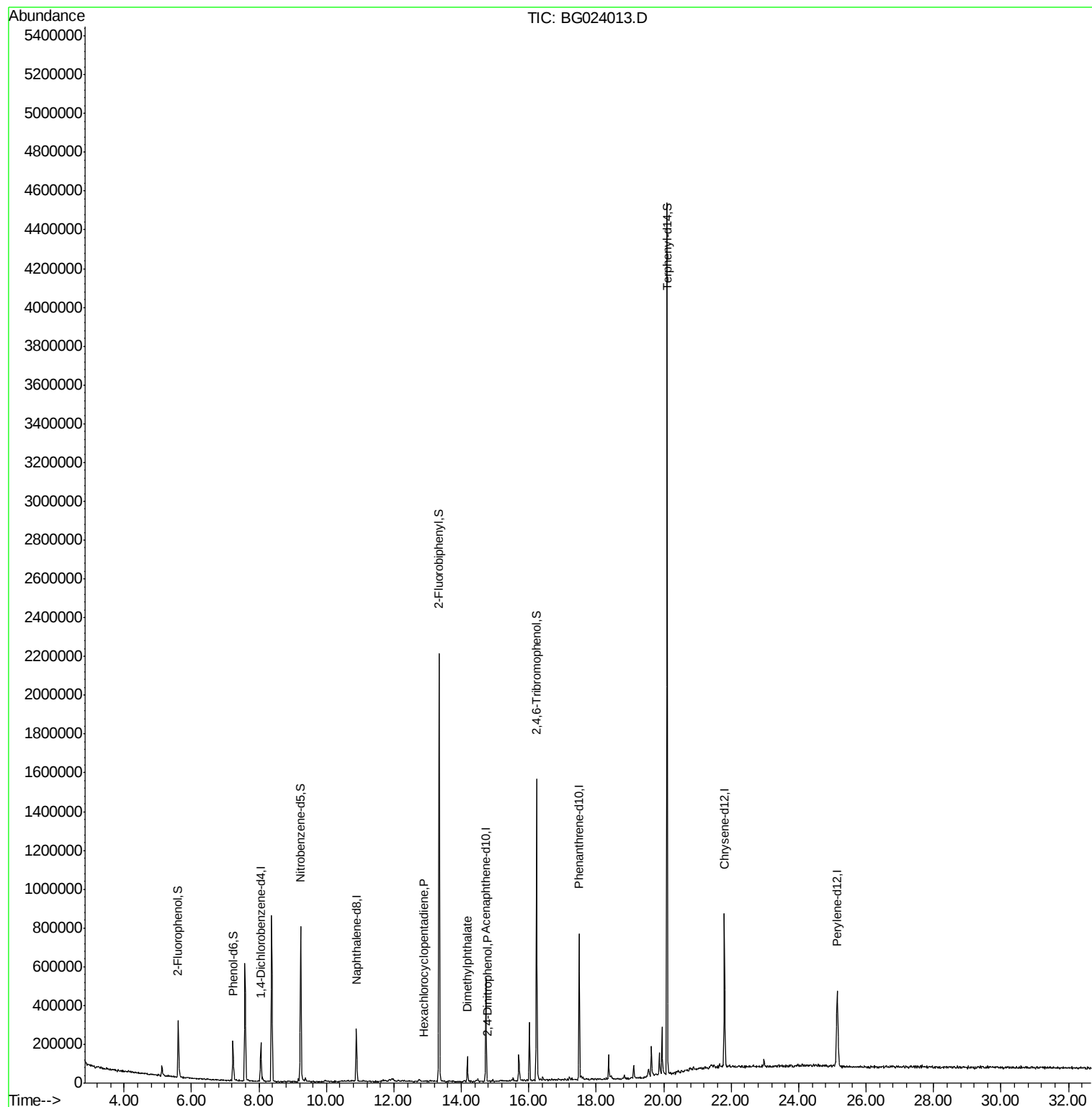
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50204	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	206221	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	185725	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	444099	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	487584	20.00	ng	-0.04
86) Perylene-d12	25.15	264	477579	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	120423	42.11	ng	-0.04
7) Phenol-d6	7.23	99	124234	28.22	ng	-0.05
23) Nitrobenzene-d5	9.24	82	508200	110.02	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	276456	82.62	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	1075245	83.00	ng	-0.04
78) Terphenyl-d14	20.10	244	1739032	81.23	ng	-0.03
Target Compounds						
40) Hexachlorocyclopentadiene	12.89	237	63	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	83944	5.27	ng	# 97
53) 2,4-Dinitrophenol	14.79	184	119	6.56	ng	# 41

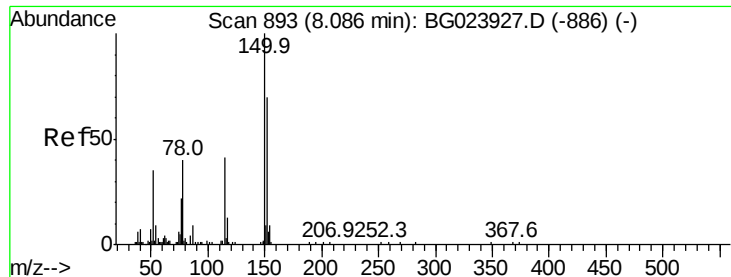
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-D-M

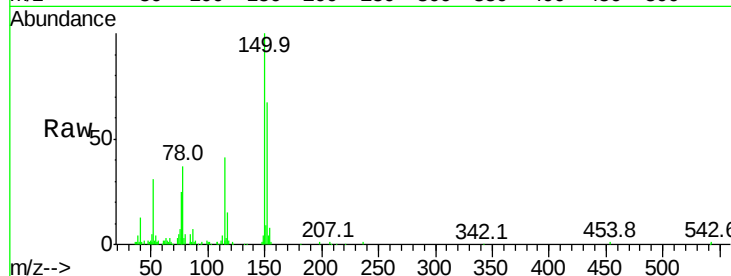
Tot Ion:152 Resp: 50204

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

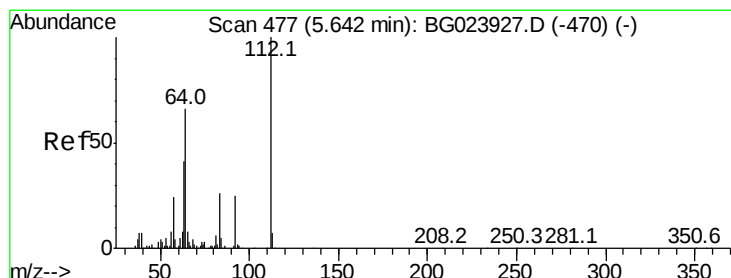
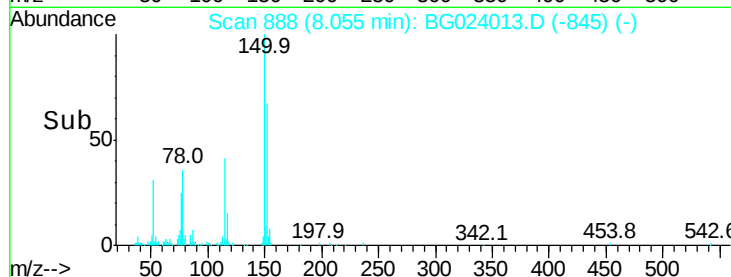
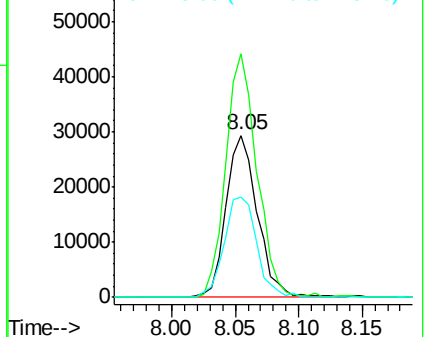
115 61.6 64.0 96.0#



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: 42.11 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

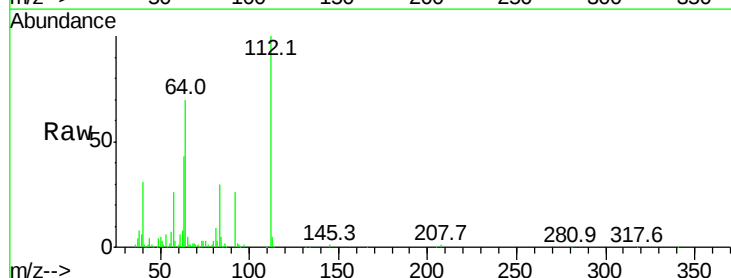
Tgt Ion:112 Resp: 120423

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

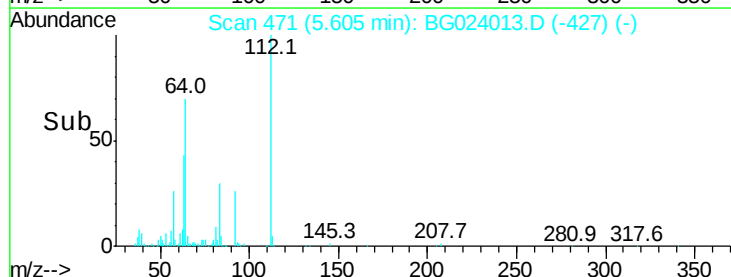
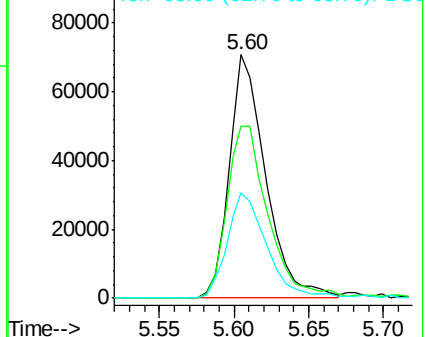
63 43.1 37.8 56.8

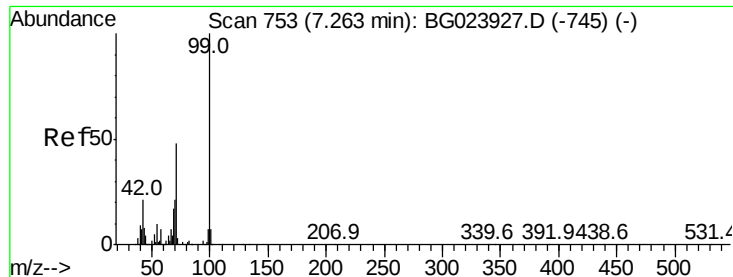


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.22 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-D-M

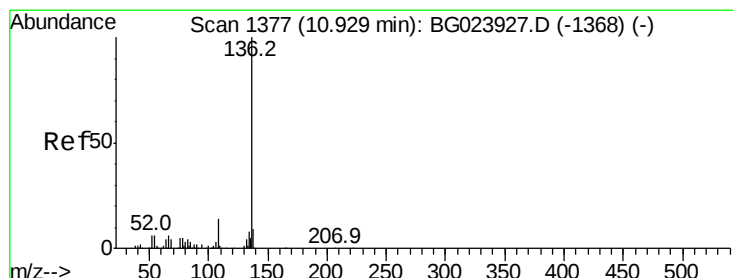
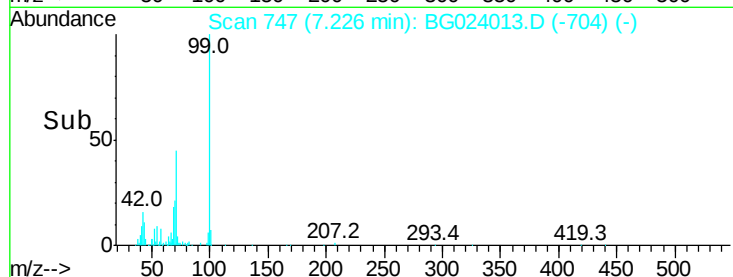
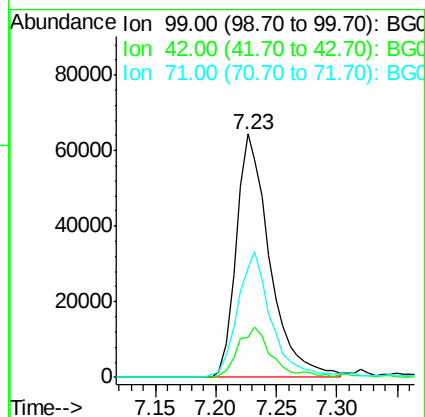
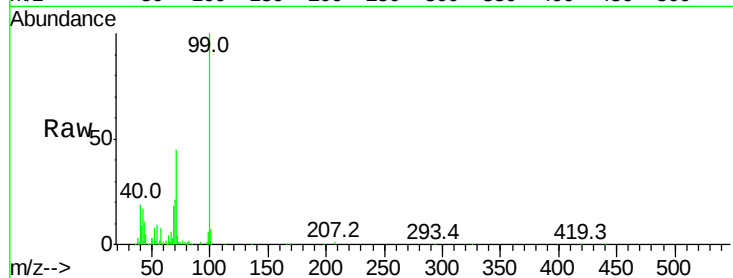
Tot Ion: 99 Resp: 124234

Ion Ratio Lower Upper

99 100

42 16.7 17.8 26.6#

71 44.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.05 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

Tgt Ion: 136 Resp: 206221

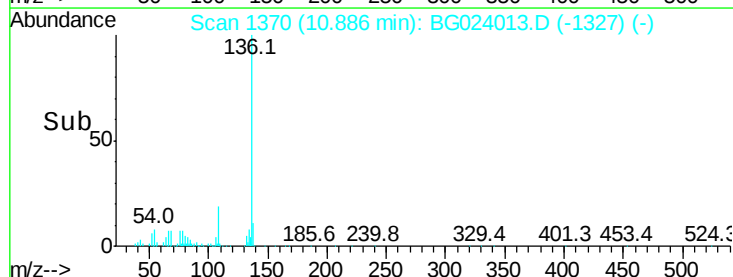
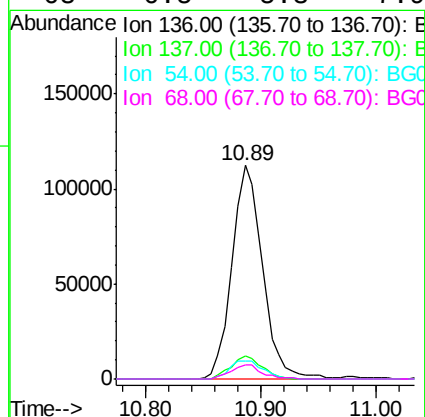
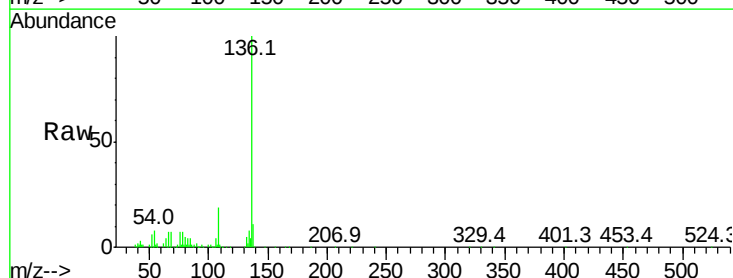
Ion Ratio Lower Upper

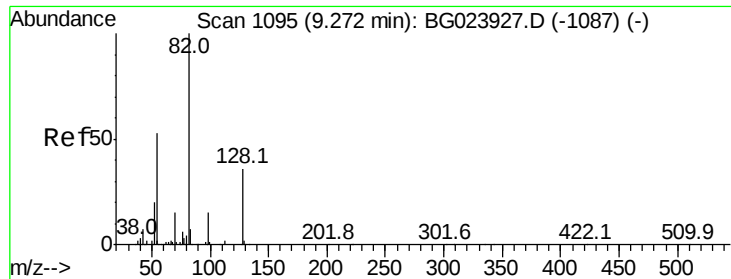
136 100

137 10.9 9.6 14.4

54 8.2 7.3 10.9

68 6.5 5.3 7.9

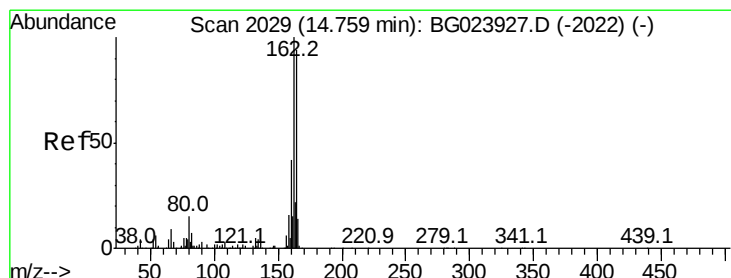
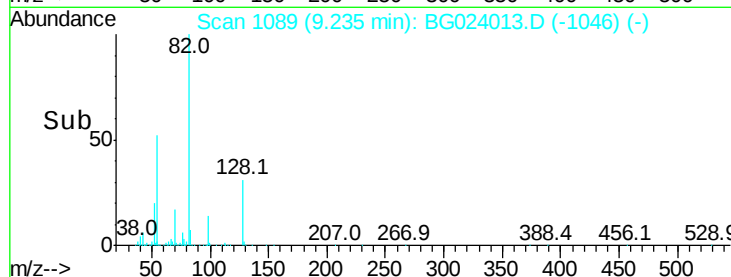
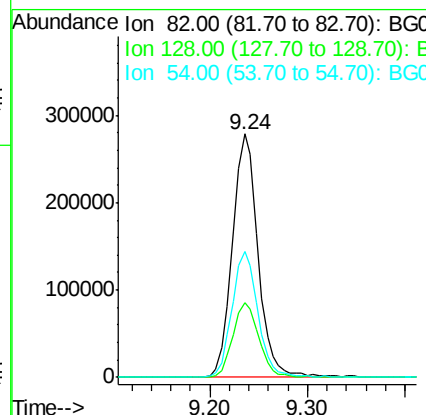
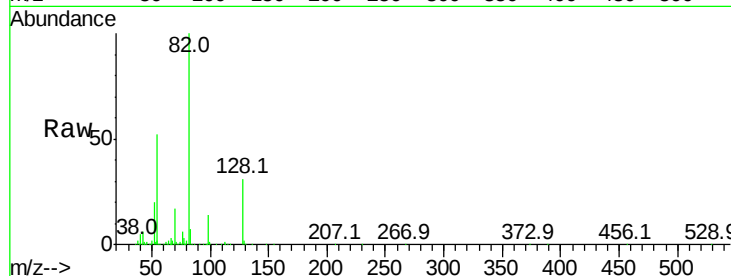




#23
 Nitrobenzene-d5
 Concen: 110.02 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BG024013.D
 Acq: 17 Sep 2016 3:41

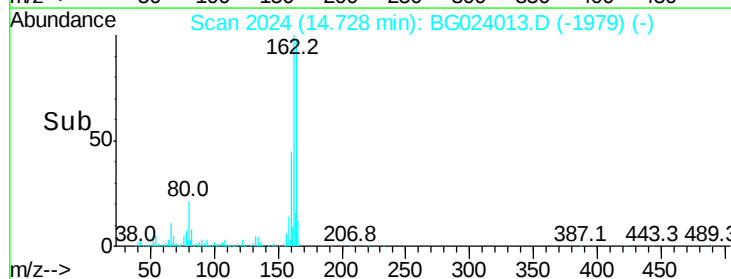
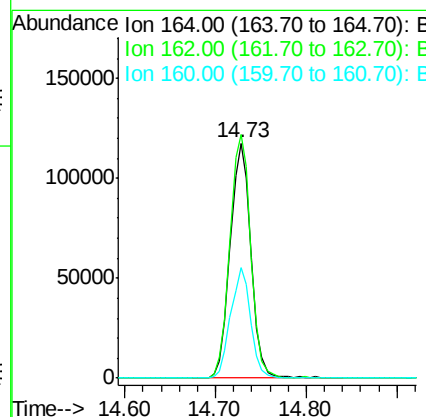
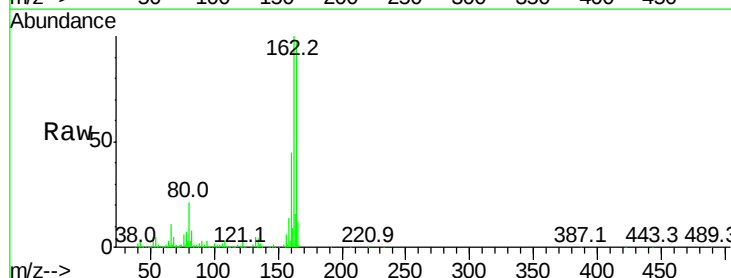
Instrument :
 BNA_G
 ClientSampleId :
 091516-DRDC-F-D-M

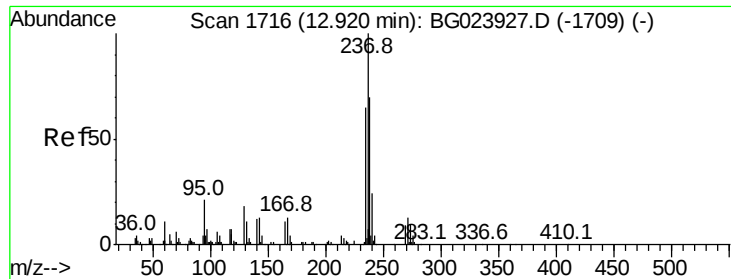
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.4	36.6
54	51.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG024013.D
 Acq: 17 Sep 2016 3:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.7	131.5
160	47.0	37.2	55.8

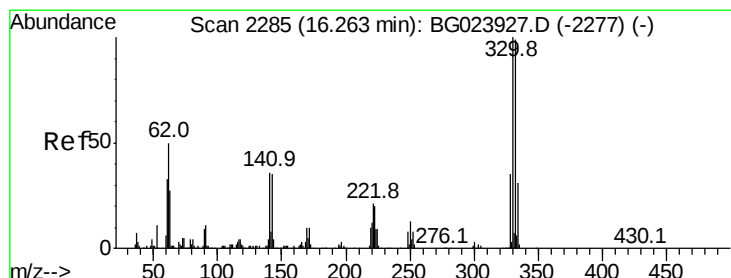
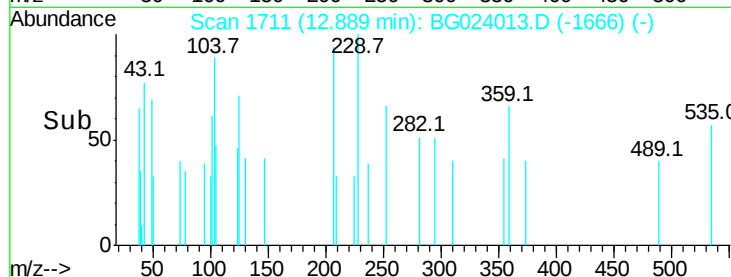
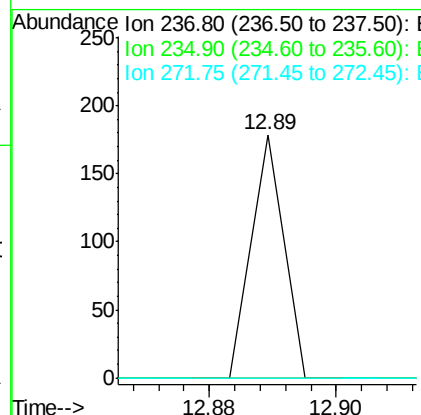
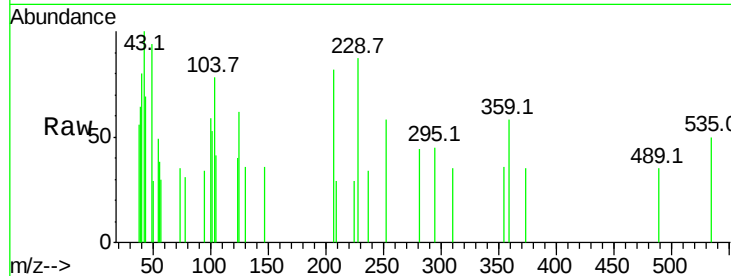




#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.89 min Scan# 1711
Delta R.T. -0.04 min
Lab File: BG024013.D
Acq: 17 Sep 2016 3:41

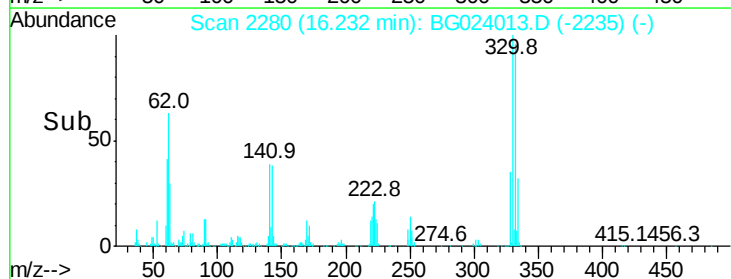
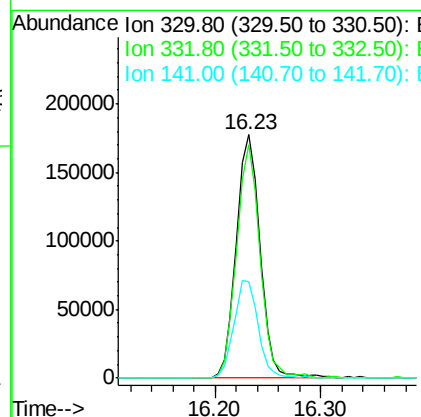
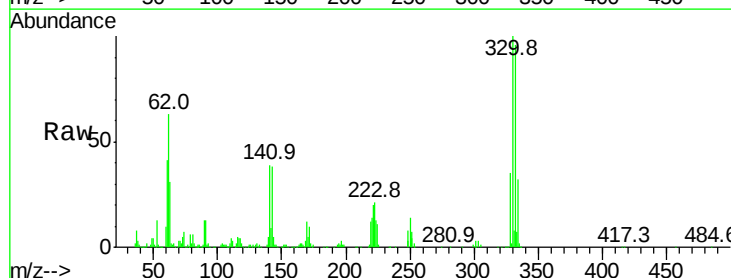
Instrument :
BNA_G
ClientSampleId :
091516-DRDC-F-D-M

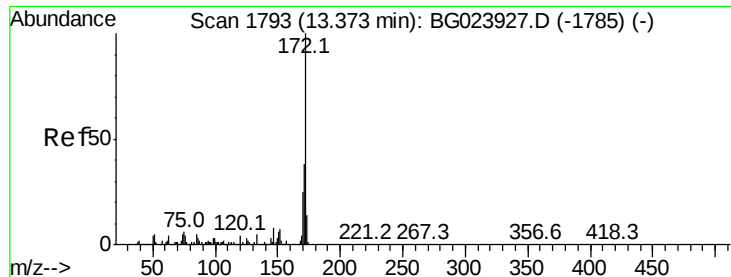
Tot Ion:237 Resp: 63
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 30.9



#41
2,4,6-Tribromophenol
Concen: 82.62 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG024013.D
Acq: 17 Sep 2016 3:41

Tgt Ion:330 Resp: 276456
Ion Ratio Lower Upper
330 100
332 93.9 77.4 116.2
141 40.8 31.7 47.5

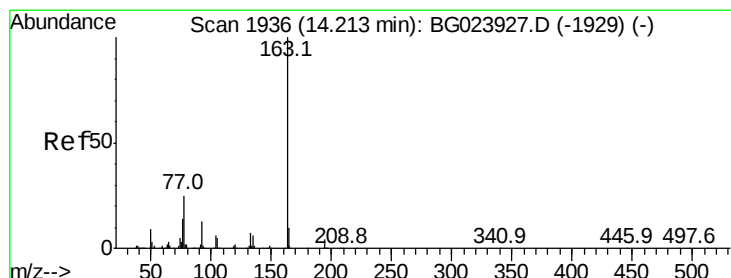
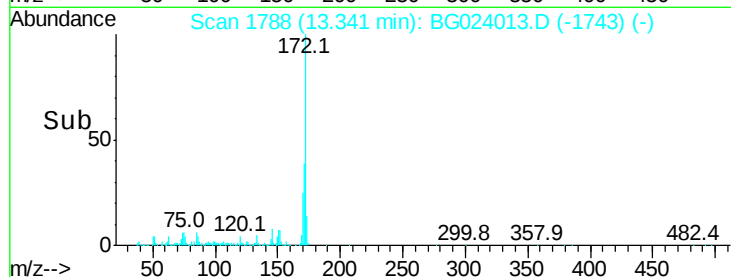
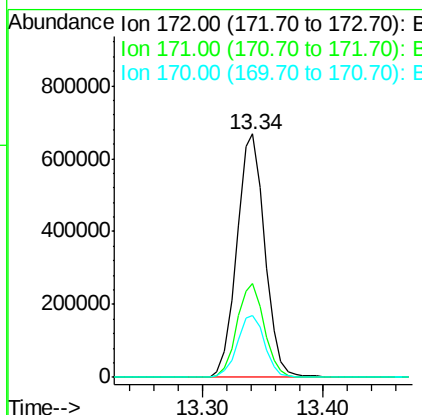
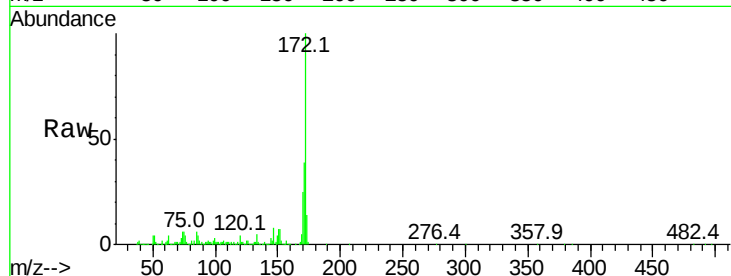




#44
2-Fluorobiphenyl
Concen: 83.00 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG024013.D
Acq: 17 Sep 2016 3:41

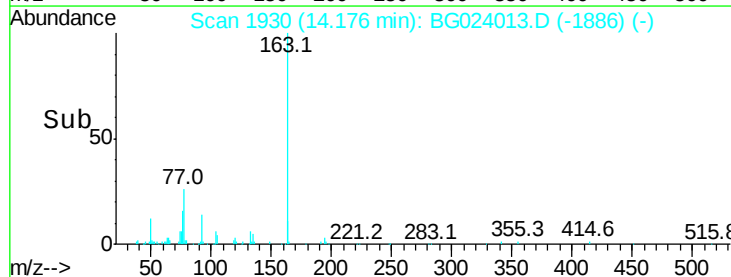
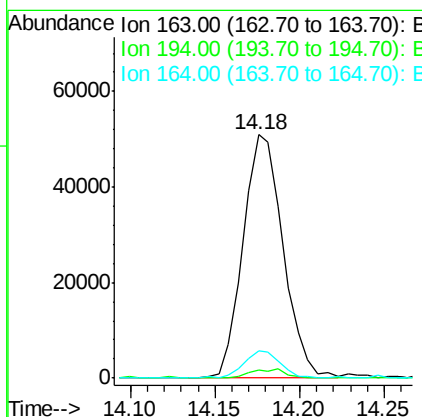
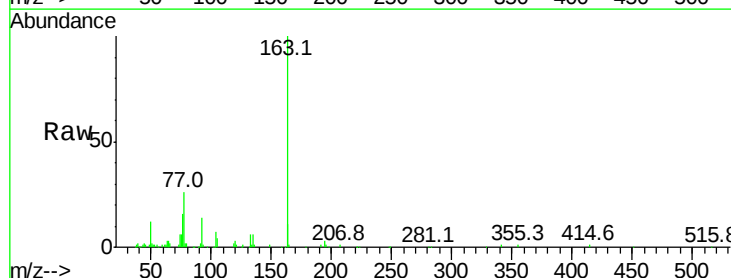
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BNA_G
ClientSampleId :
091516-DRDC-F-D-M

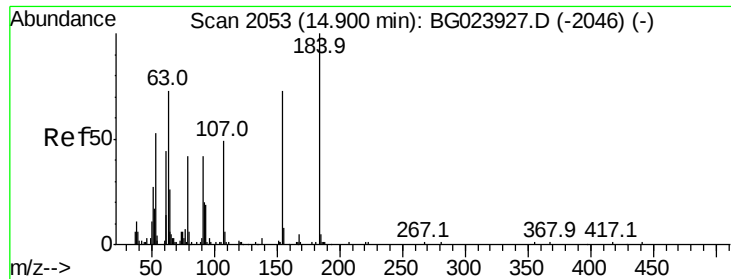
Tot Ion:172 Resp: 1075245
Ion Ratio Lower Upper
172 100
171 38.7 31.6 47.4
170 25.5 21.3 31.9



#49
Dimethylphthalate
Concen: 5.27 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.04 min
Lab File: BG024013.D
Acq: 17 Sep 2016 3:41

Tgt Ion:163 Resp: 83944
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 11.3 8.1 12.1

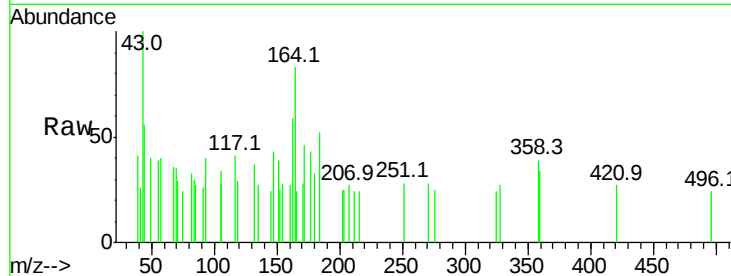




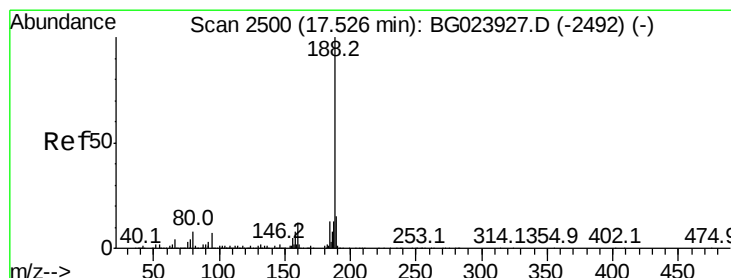
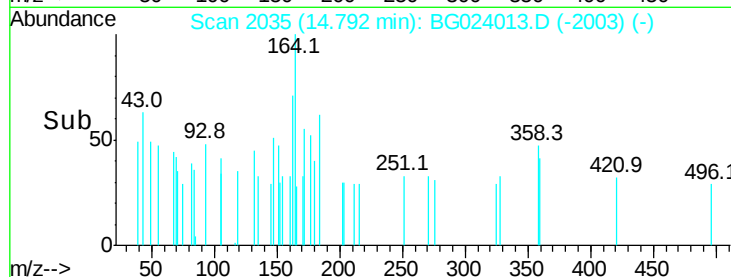
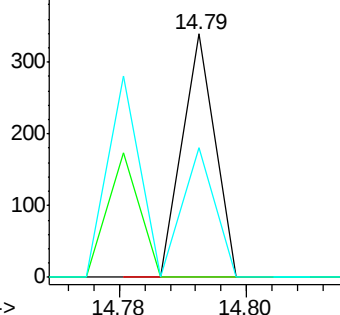
#53
 2,4-Dinitrophenol
 Concen: 6.56 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.11 min
 Lab File: BG024013.D
 Acq: 17 Sep 2016 3:41

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

Tot Ion:184 Resp: 119
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 53.4 67.4 101.0#

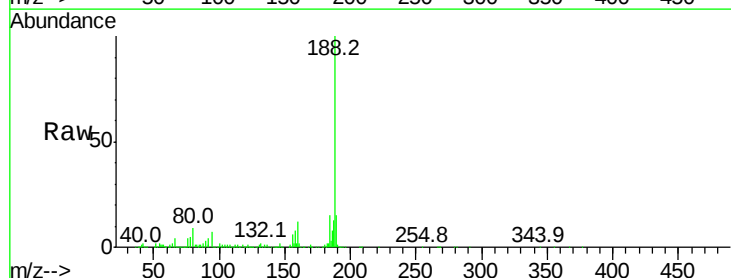


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

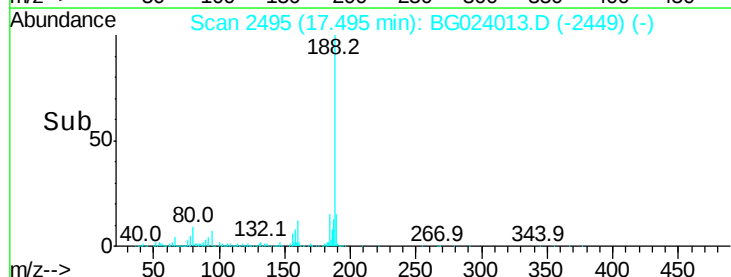
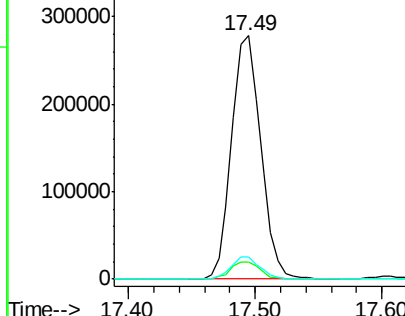


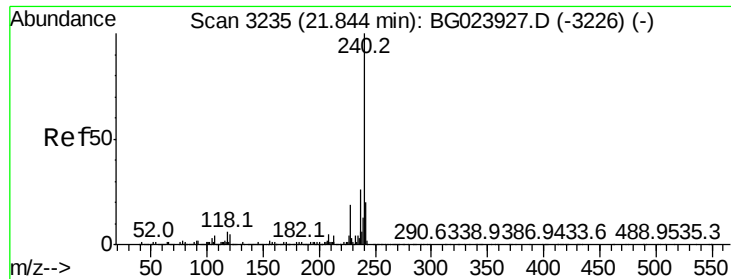
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2495
 Delta R.T. -0.03 min
 Lab File: BG024013.D
 Acq: 17 Sep 2016 3:41

Tgt Ion:188 Resp: 444099
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.2 7.8
 80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-D-M

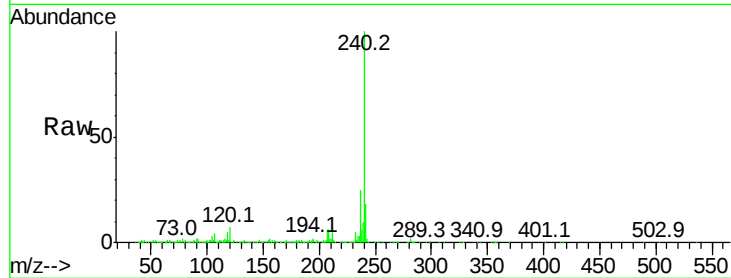
Tot Ion:240 Resp: 487584

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

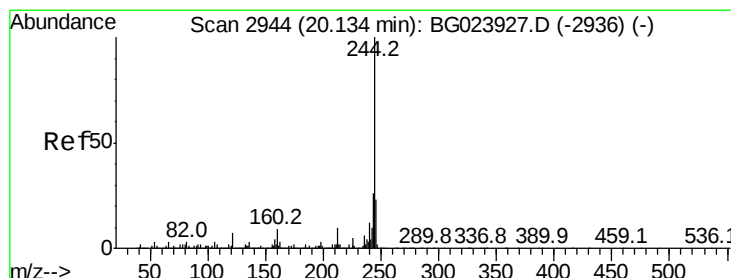
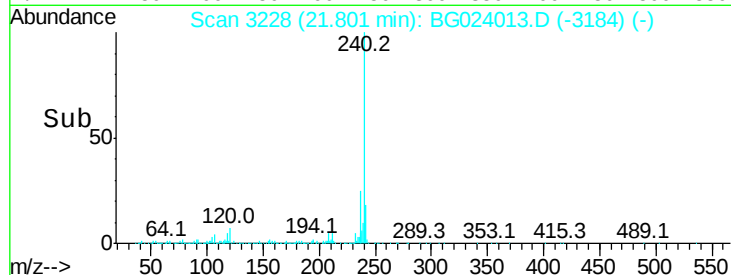
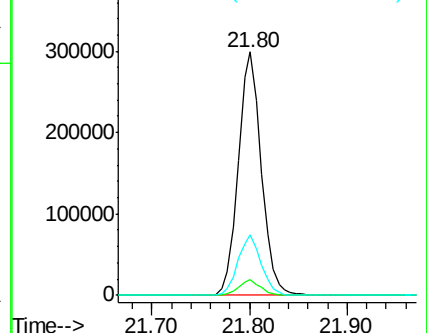
236 25.1 21.1 31.7



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: 81.23 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

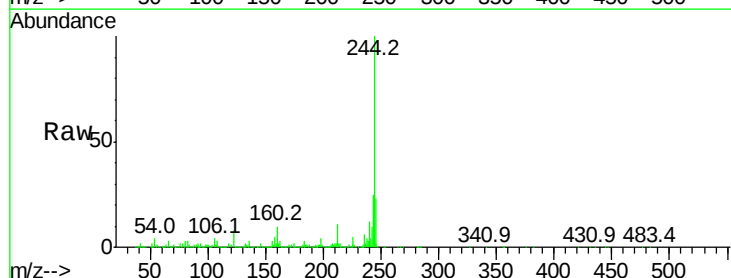
Tgt Ion:244 Resp: 1739032

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2

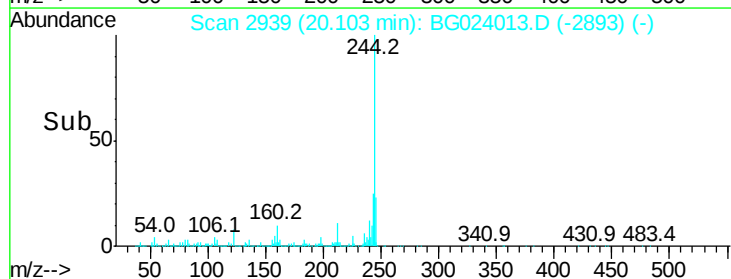
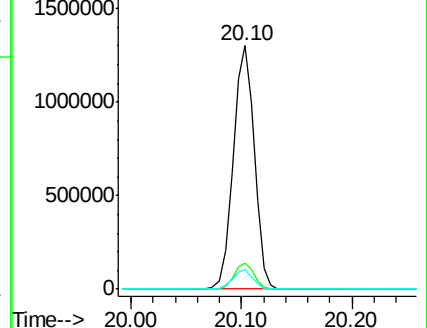
122 7.9 8.0 12.0#

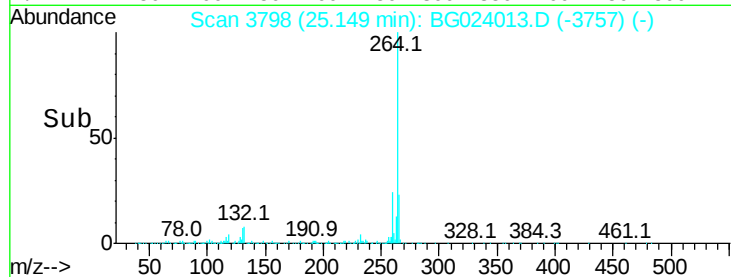
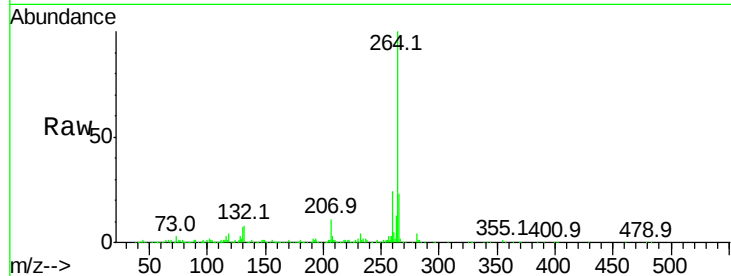
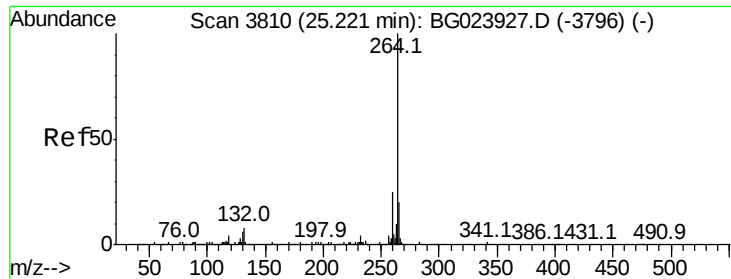


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG024013.D

Acq: 17 Sep 2016 3:41

Instrument :

BNA_G

ClientSampleId :

091516-DRDC-F-D-M

Tot Ion:264 Resp: 477579

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 23.0 18.9 28.3

