

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024759.D
 Acq On : 8 Nov 2016 14:48
 Operator : UM/SJ
 Sample : H5553-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092716-DRDC-F-D-M

Quant Time: Nov 08 16:07:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	104144	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	404769	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	332043	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	733468	20.00	ng	0.00
75) Chrysene-d12	21.92	240	976572	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1054837	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	198327	31.21	ng	0.00
7) Phenol-d6	7.40	99	196995	22.60	ng	0.00
23) Nitrobenzene-d5	9.44	82	841322	94.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	382669	77.14	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	1752638	87.73	ng	-0.01
78) Terphenyl-d14	20.20	244	2860837	87.54	ng	-0.01

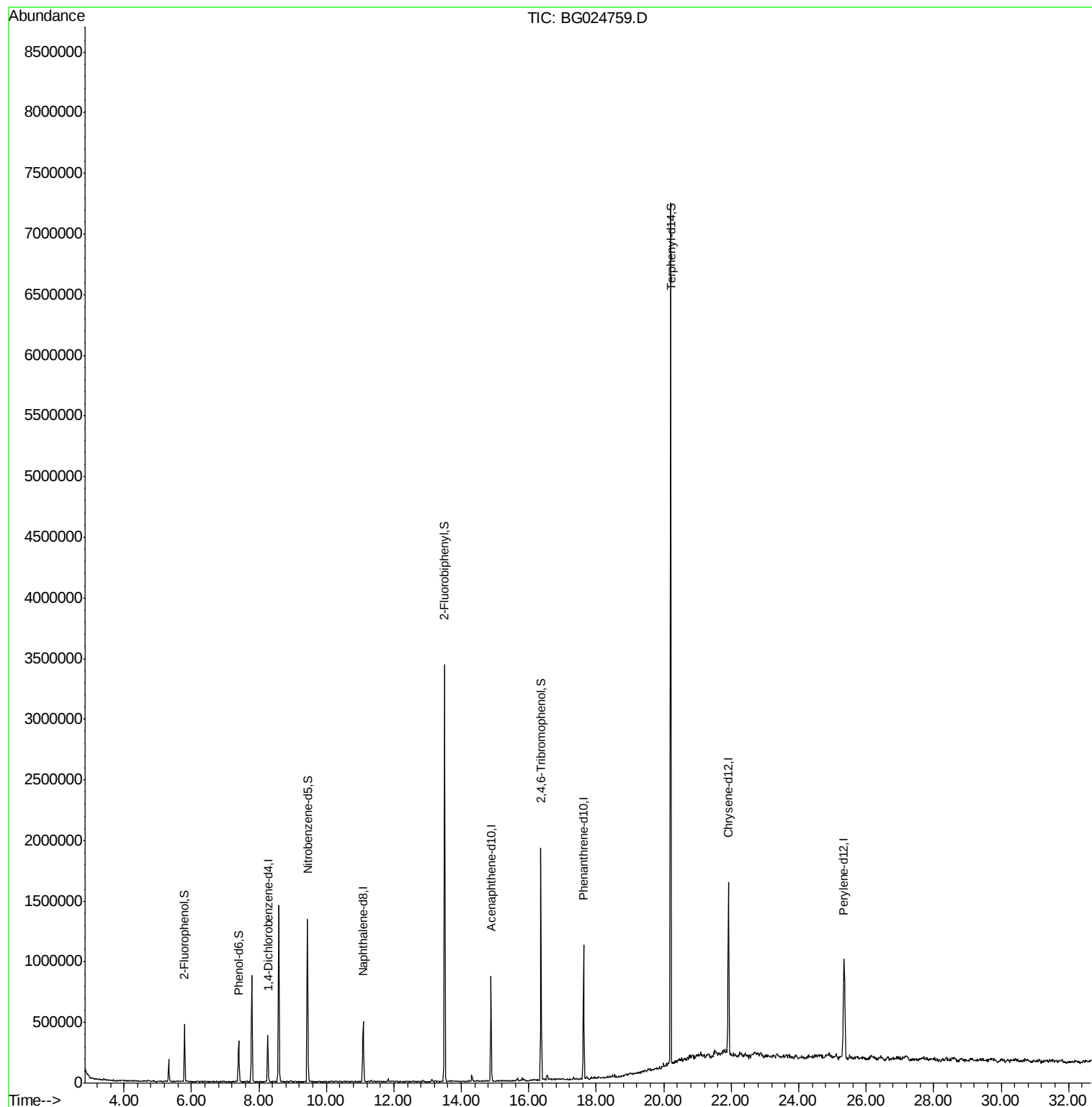
Target Compounds Qvalue

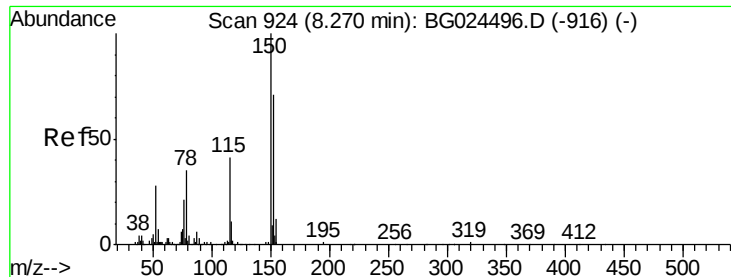
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

Instrument :

BNA_G

ClientSampleId :

092716-DRDC-F-D-M

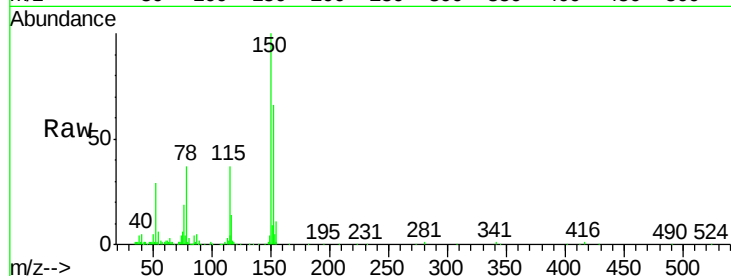
Tot Ion:152 Resp: 104144

Ion Ratio Lower Upper

152 100

150 151.4 114.0 171.0

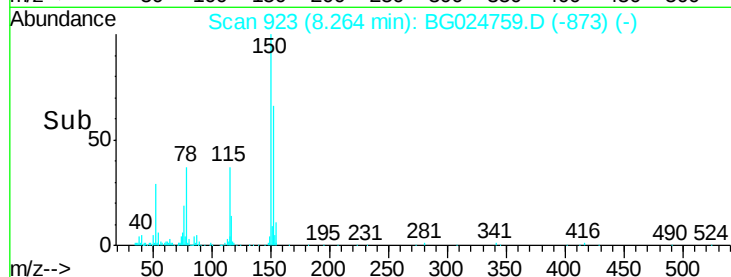
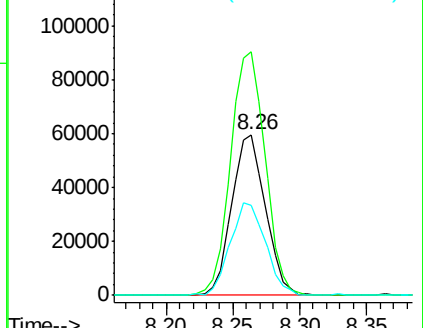
115 55.8 48.1 72.1



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: 31.21 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

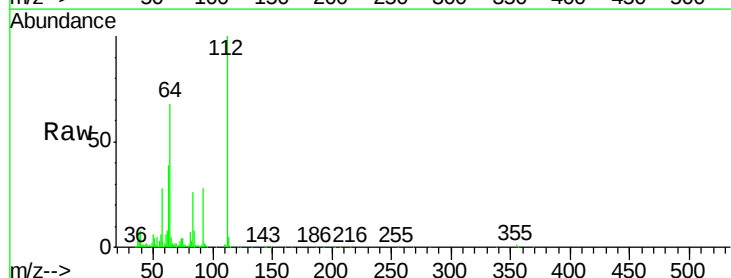
Tgt Ion:112 Resp: 198327

Ion Ratio Lower Upper

112 100

64 68.4 61.8 92.6

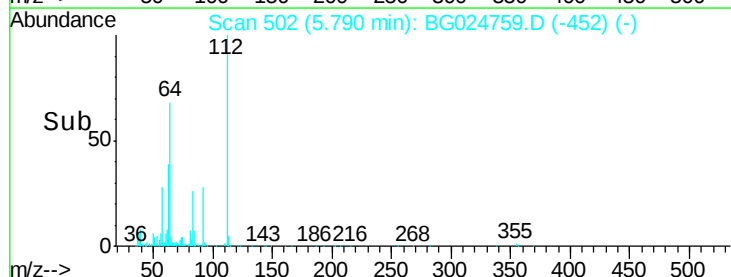
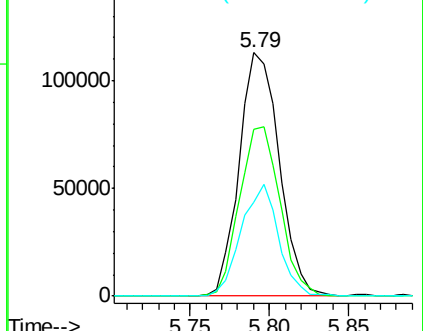
63 38.6 37.2 55.8

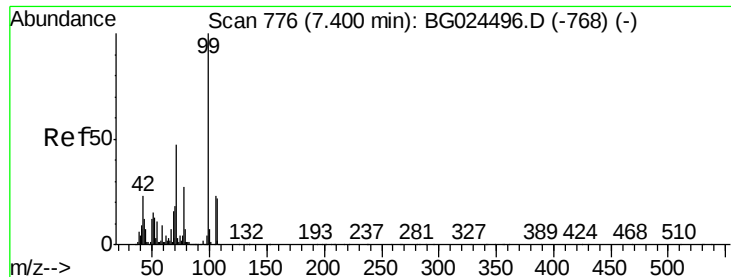


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.60 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

Instrument :

BNA_G

ClientSampleId :

092716-DRDC-F-D-M

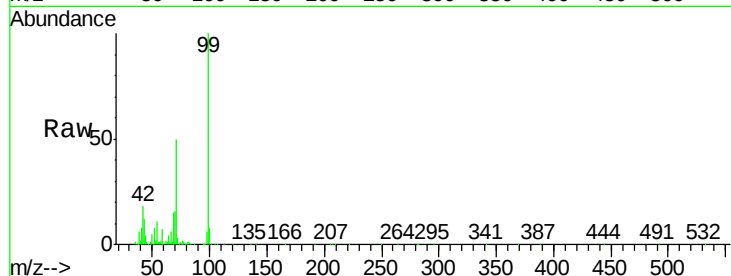
Tot Ion: 99 Resp: 196995

Ion Ratio Lower Upper

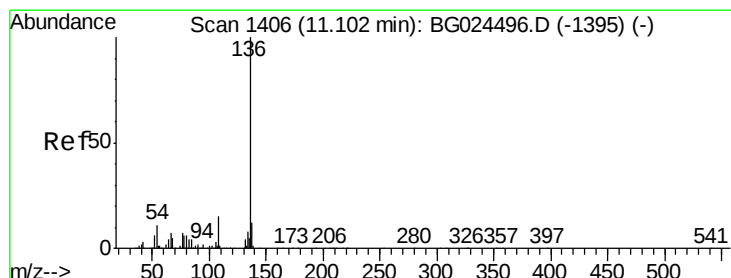
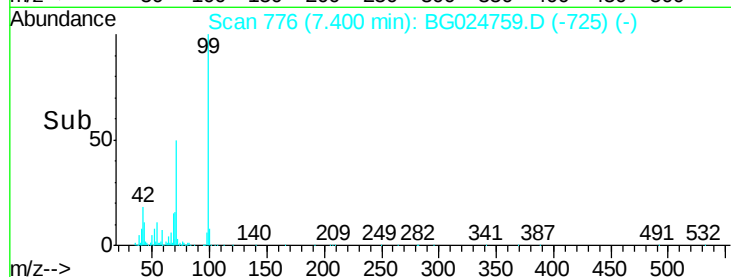
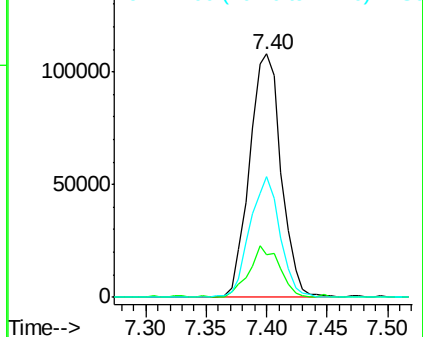
99 100

42 17.6 20.5 30.7#

71 49.7 37.6 56.4



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

Tgt Ion: 136 Resp: 404769

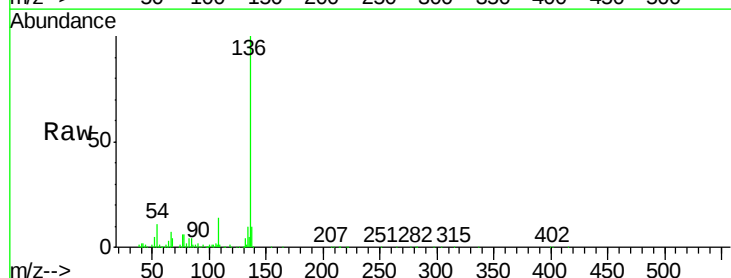
Ion Ratio Lower Upper

136 100

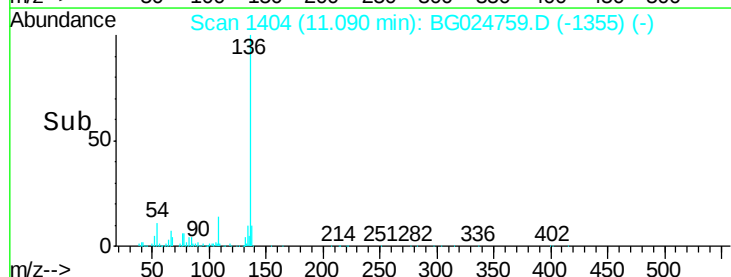
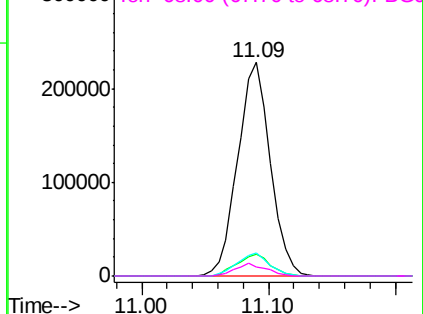
137 10.3 8.9 13.3

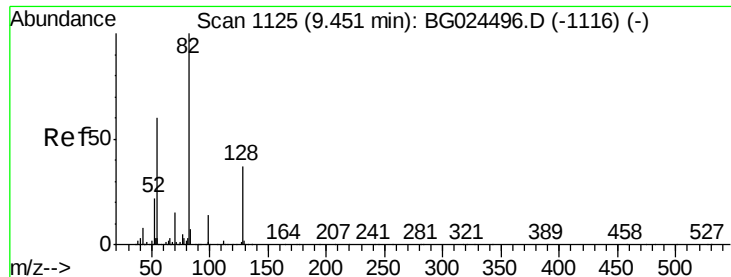
54 10.9 9.3 13.9

68 4.2 5.1 7.7#



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

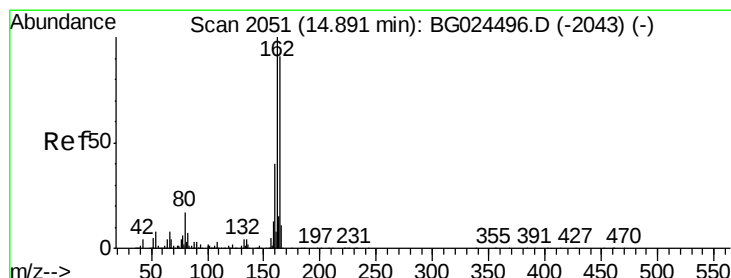
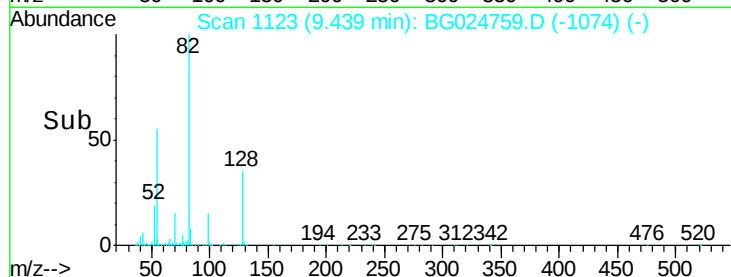
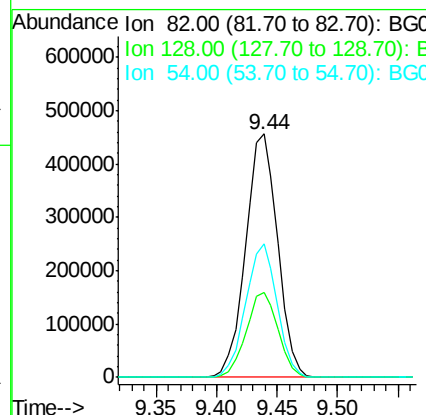
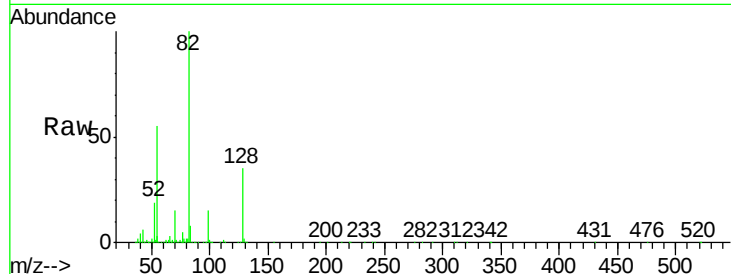




#23
Nitrobenzene-d5
Concen: 94.63 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024759.D
Acq: 8 Nov 2016 14:48

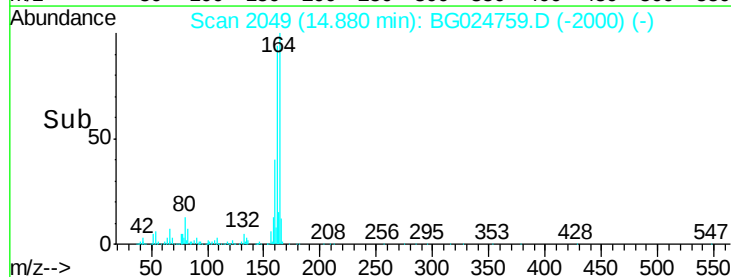
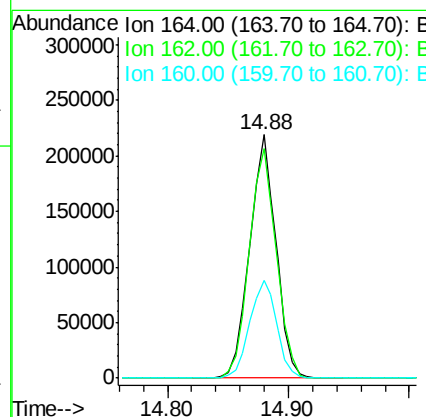
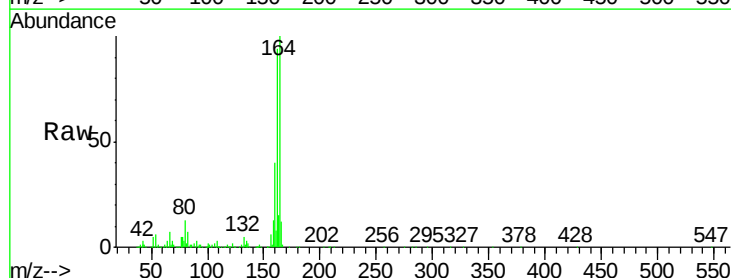
Instrument :
BNA_G
ClientSampleId :
092716-DRDC-F-D-M

Tot Ion: 82 Resp: 841322
Ion Ratio Lower Upper
82 100
128 34.7 26.4 39.6
54 54.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024759.D
Acq: 8 Nov 2016 14:48

Tgt Ion: 164 Resp: 332043
Ion Ratio Lower Upper
164 100
162 94.3 85.1 127.7
160 40.0 34.7 52.1

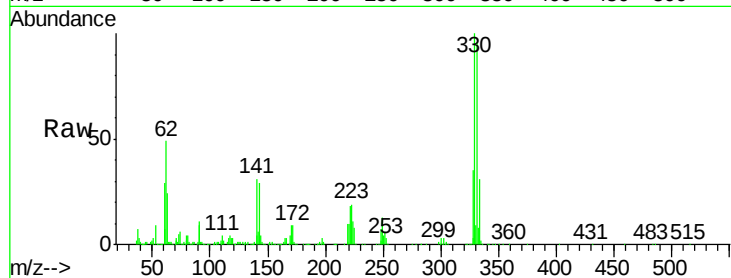




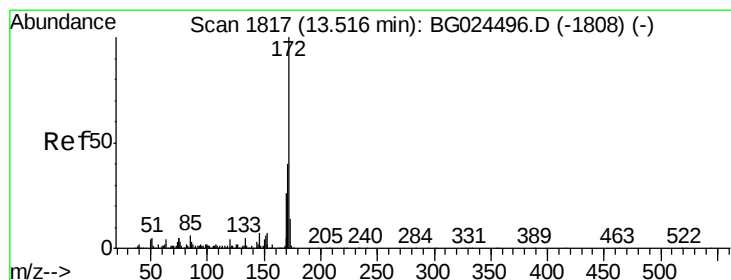
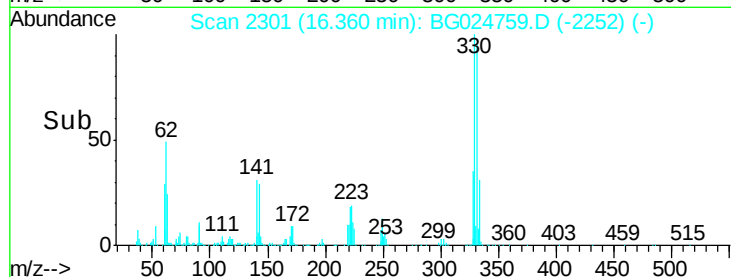
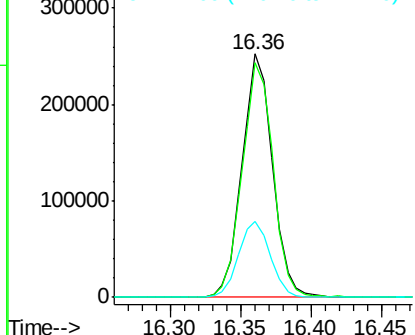
#41
 2,4,6-Tribromophenol
 Concen: 77.14 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG024759.D
 Acq: 8 Nov 2016 14:48

Instrument :
 BNA_G
 ClientSampleId :
 092716-DRDC-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	32.5	32.1	48.1

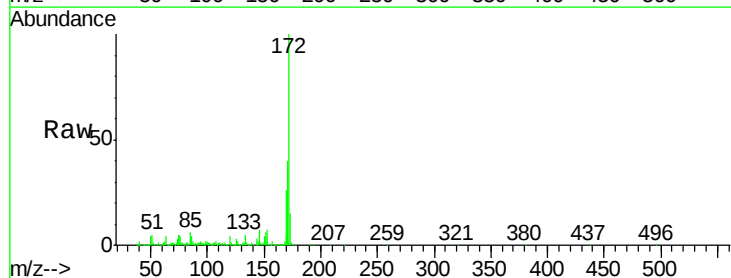


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

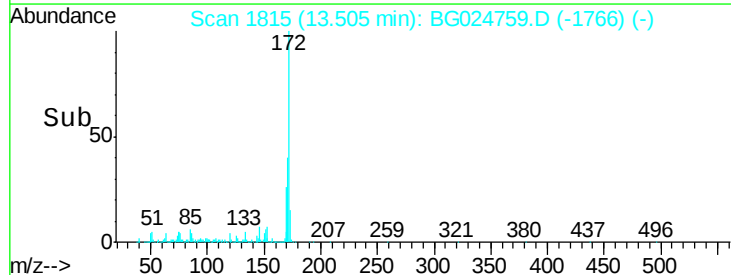
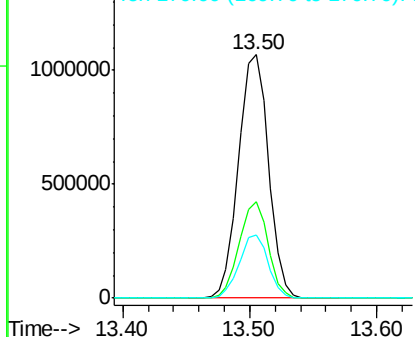


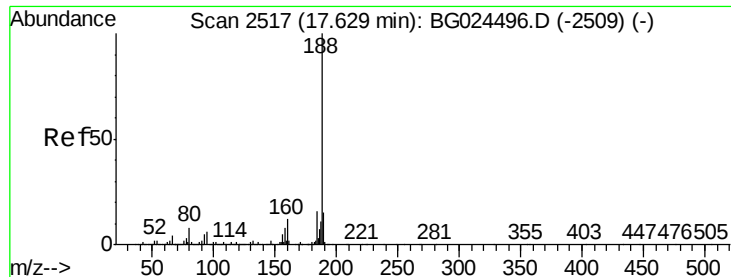
#44
 2-Fluorobiphenyl
 Concen: 87.73 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024759.D
 Acq: 8 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.0	21.8	32.6



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

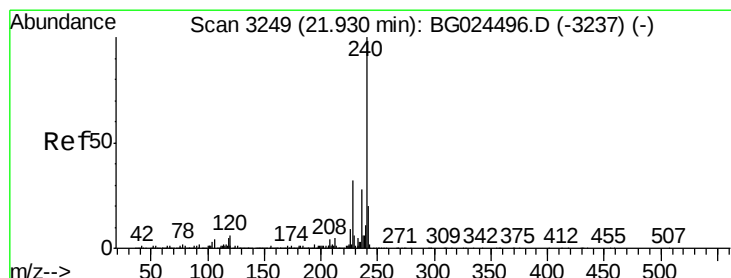
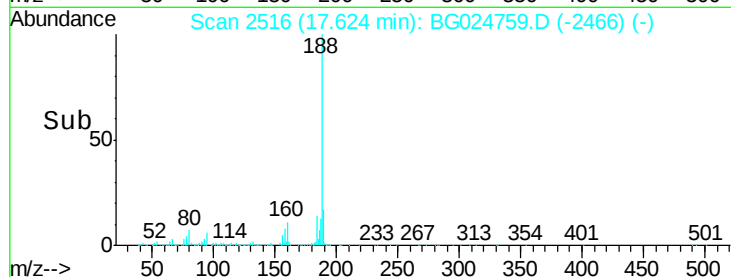
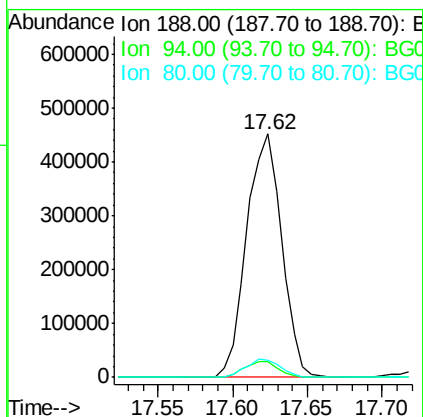
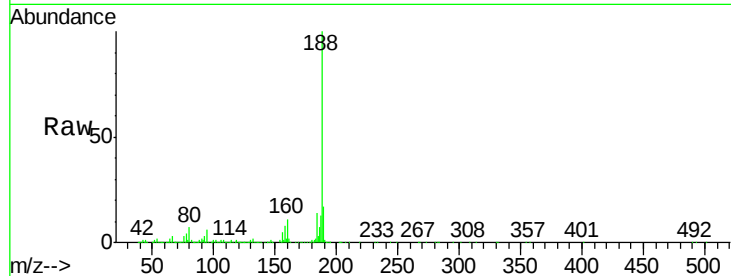




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024759.D
Acq: 8 Nov 2016 14:48

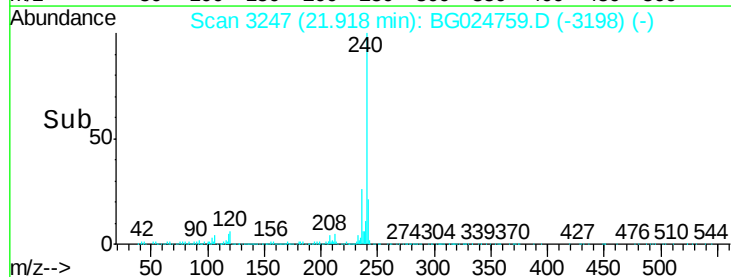
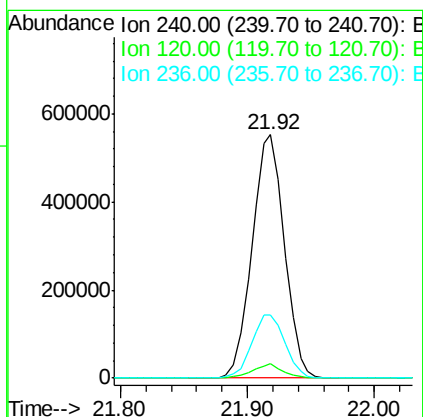
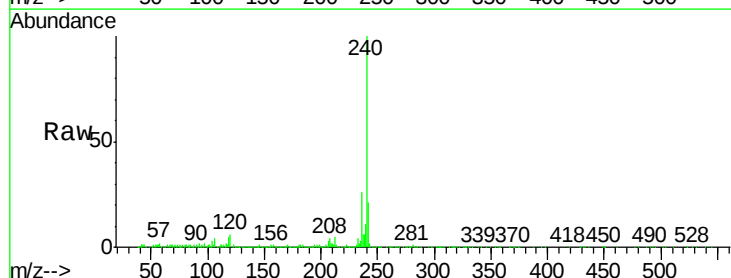
Instrument :
BNA_G
ClientSampleId :
092716-DRDC-F-D-M

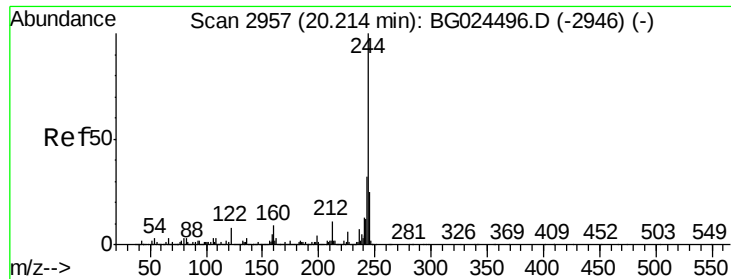
Tot Ion:188 Resp: 733468
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024759.D
Acq: 8 Nov 2016 14:48

Tgt Ion:240 Resp: 976572
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 87.54 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

Instrument :

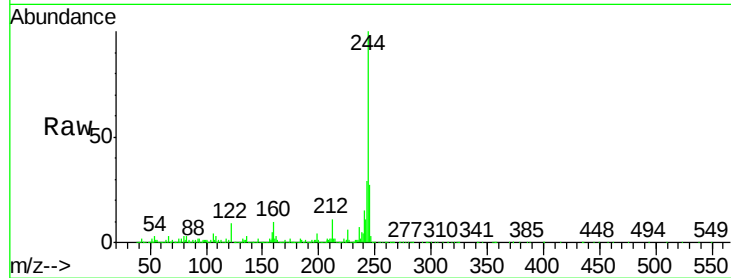
BNA_G

ClientSampleId :

092716-DRDC-F-D-M

Tot Ion:244 Resp: 2860837

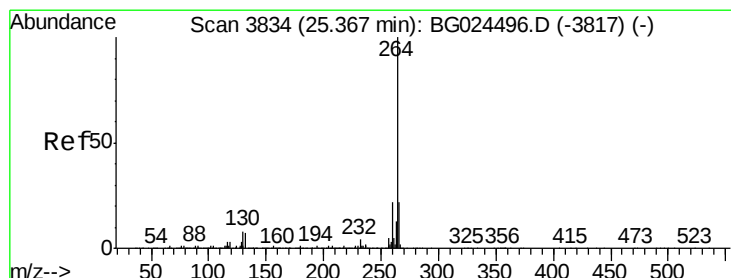
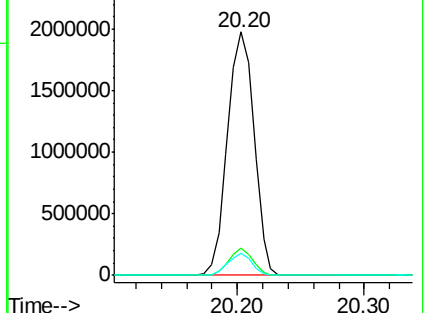
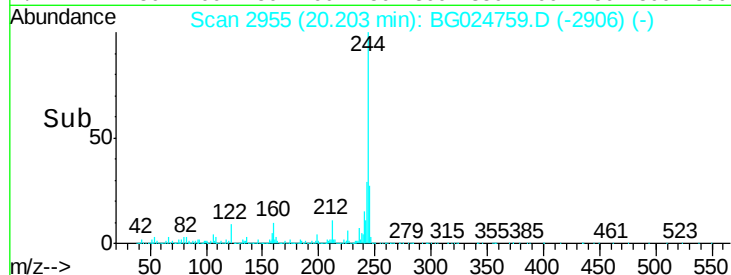
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	8.9	8.6	12.8



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: 25.34 min Scan# 3829

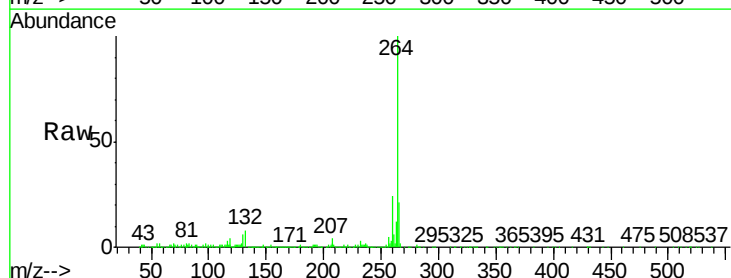
Delta R.T. -0.03 min

Lab File: BG024759.D

Acq: 8 Nov 2016 14:48

Tgt Ion:264 Resp: 1054837

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	20.8	18.2	27.4



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

