

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024153.D
 Acq On : 28 Sep 2016 20:09
 Operator : UM/SJ
 Sample : H4919-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 092216-DRDC-E-U-M

Quant Time: Sep 29 01:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45860	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	203165	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	168004	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	399961	20.00	ng	0.00
75) Chrysene-d12	21.79	240	438889	20.00	ng	0.00
86) Perylene-d12	25.11	264	398048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	120857	45.66	ng	0.00
7) Phenol-d6	7.21	99	124679	27.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	466421	90.48	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	196395	81.33	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	967085	96.76	ng	0.00
78) Terphenyl-d14	20.09	244	1630144	76.05	ng	0.00

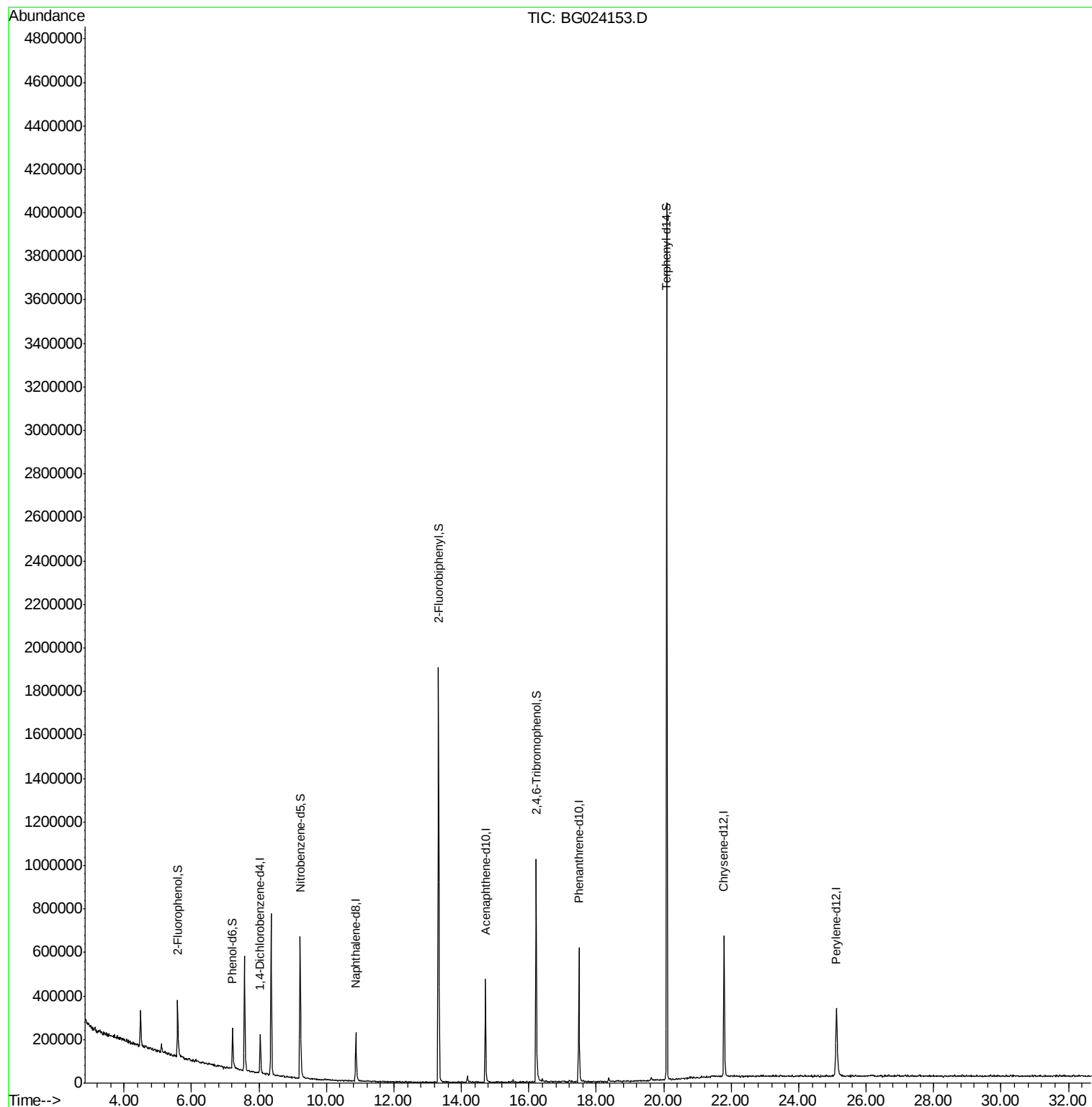
Target Compounds Qvalue

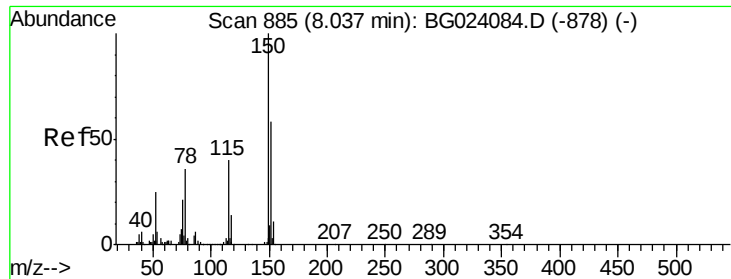
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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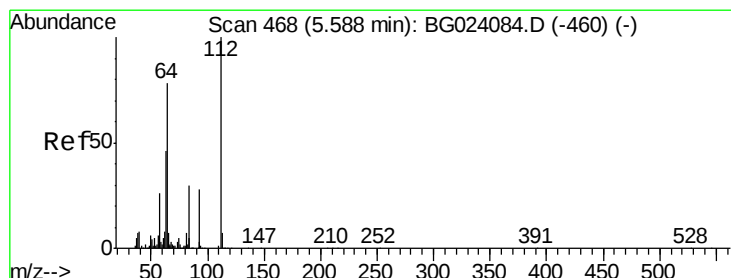
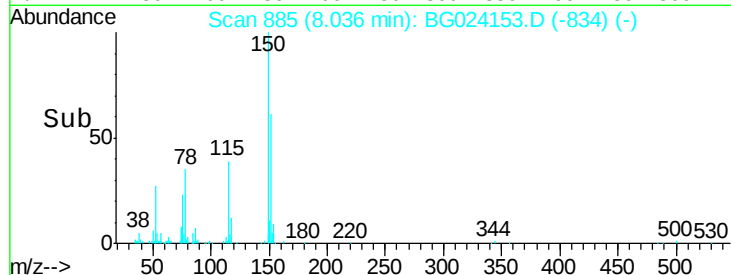
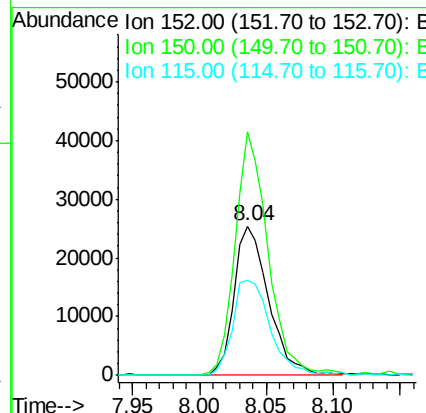
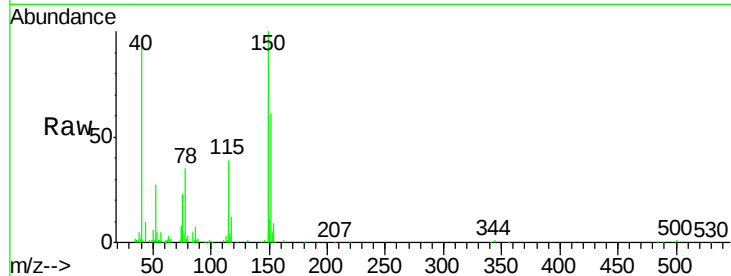


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024153.D
Acq: 28 Sep 2016 20:09

Instrument :
BNA_G
ClientSampleId :
092216-DRDC-E-U-M

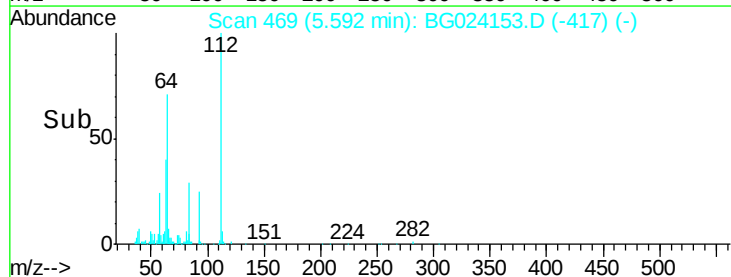
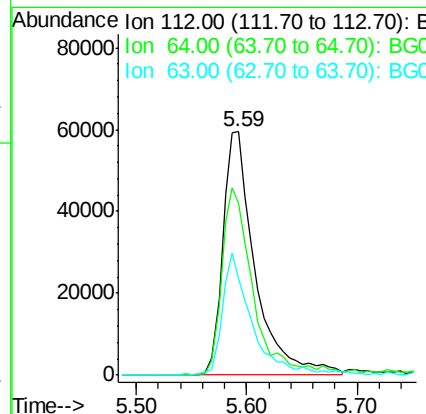
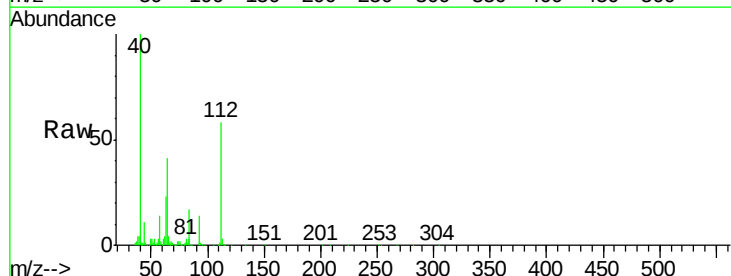
Tot Ion:152 Resp: 45860
Ion Ratio Lower Upper
152 100
150 163.5 144.7 217.1
115 64.0 64.0 96.0

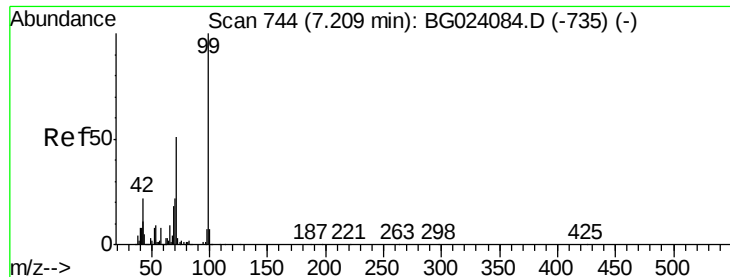


#5

2-Fluorophenol
Concen: 45.66 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024153.D
Acq: 28 Sep 2016 20:09

Tgt Ion:112 Resp: 120857
Ion Ratio Lower Upper
112 100
64 70.5 59.0 88.4
63 39.6 37.8 56.8





#7

Phenol-d6

Concen: 27.99 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024153.D

Acq: 28 Sep 2016 20:09

Instrument :

BNA_G

ClientSampleId :

092216-DRDC-E-U-M

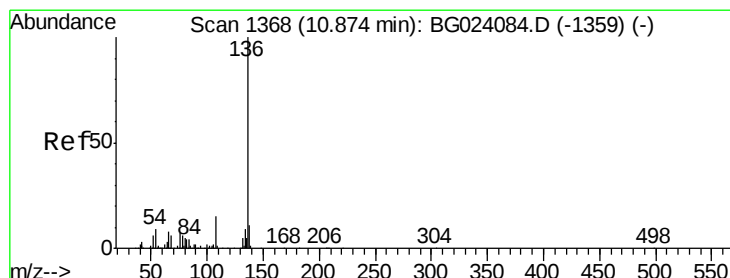
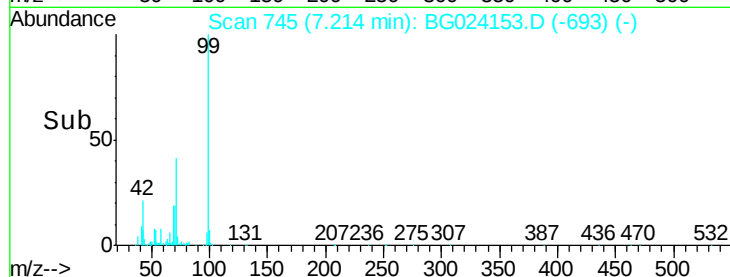
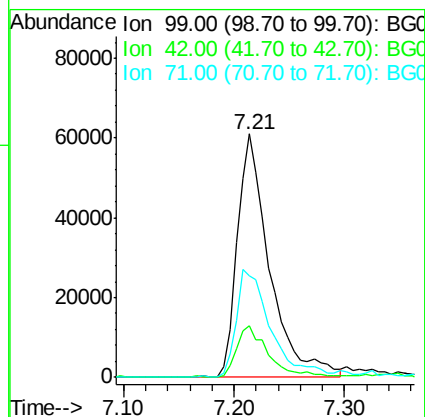
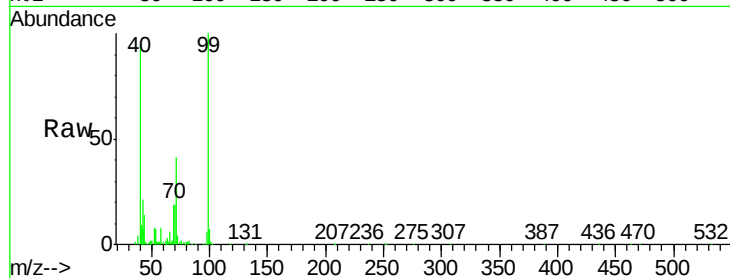
Tot Ion: 99 Resp: 124679

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 41.5 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024153.D

Acq: 28 Sep 2016 20:09

Tgt Ion: 136 Resp: 203165

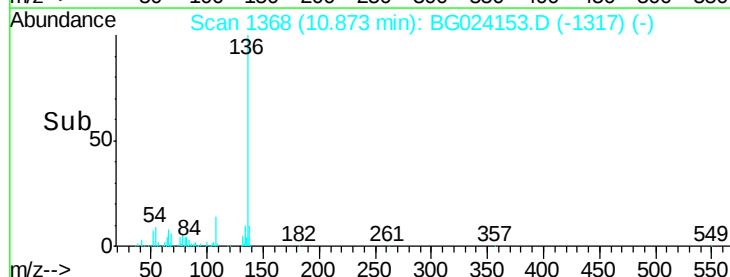
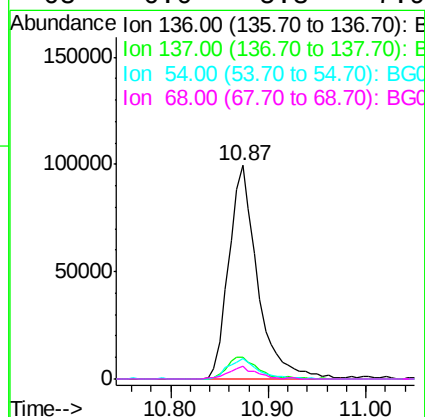
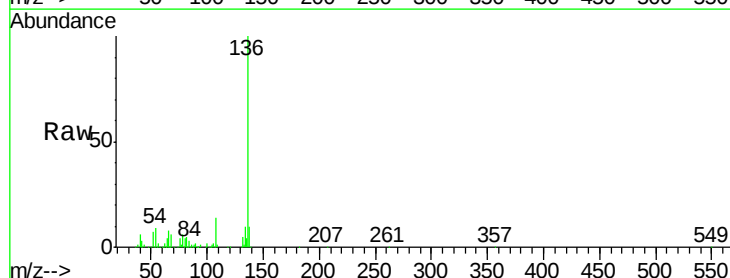
Ion Ratio Lower Upper

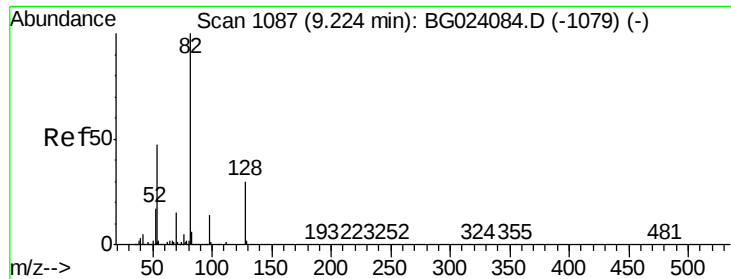
136 100

137 10.2 9.6 14.4

54 9.3 7.3 10.9

68 6.0 5.3 7.9

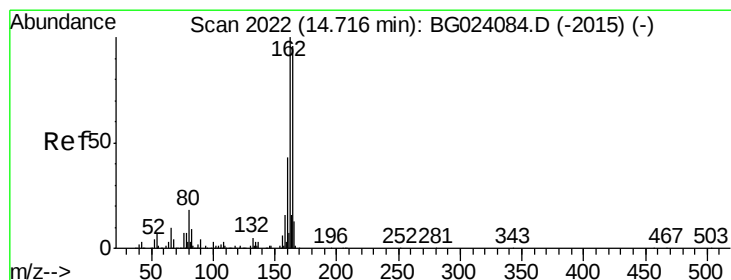
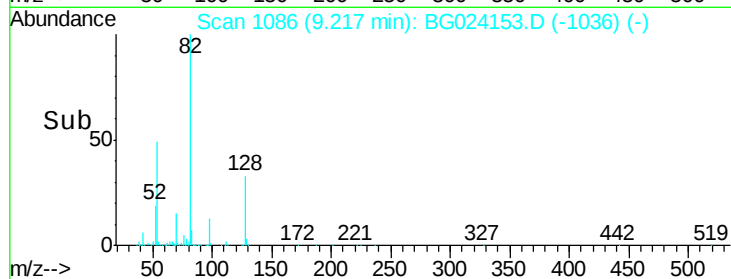
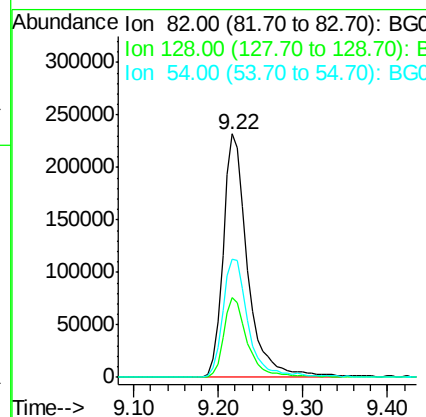
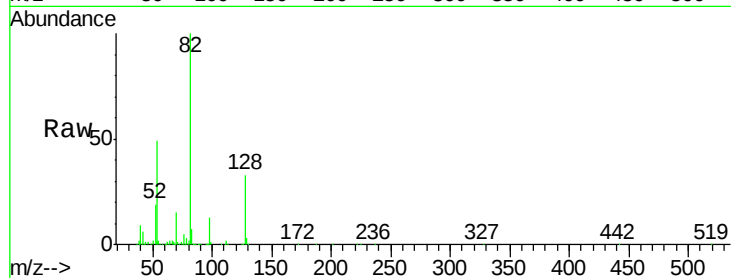




#23
 Nitrobenzene-d5
 Concen: 90.48 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024153.D
 Acq: 28 Sep 2016 20:09

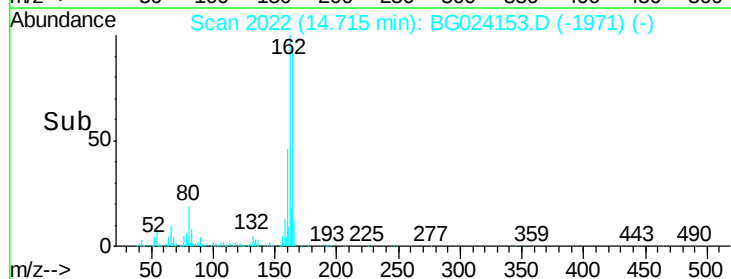
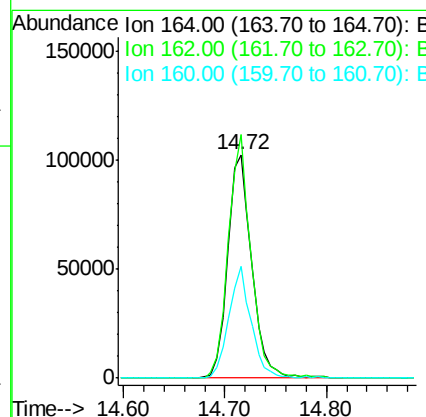
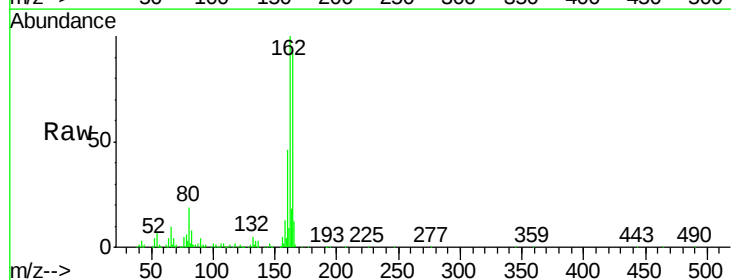
Instrument :
 BNA_G
 ClientSampleId :
 092216-DRDC-E-U-M

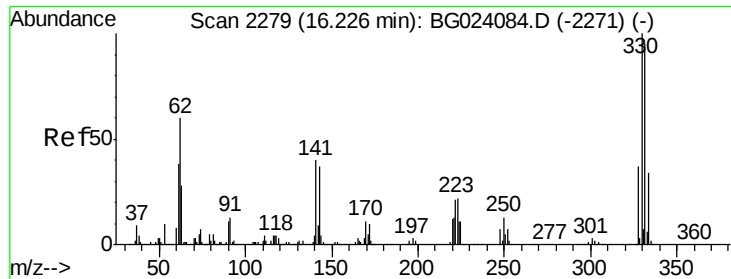
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	24.4	36.6
54	48.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024153.D
 Acq: 28 Sep 2016 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	87.7	131.5
160	50.2	37.2	55.8

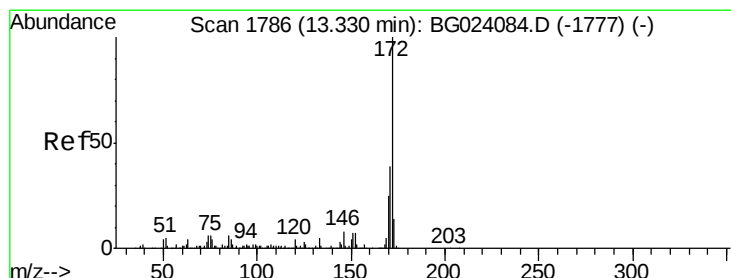
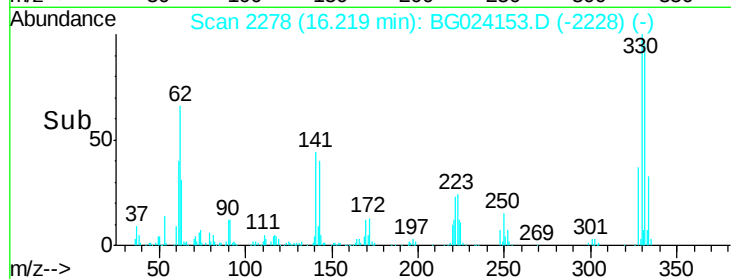
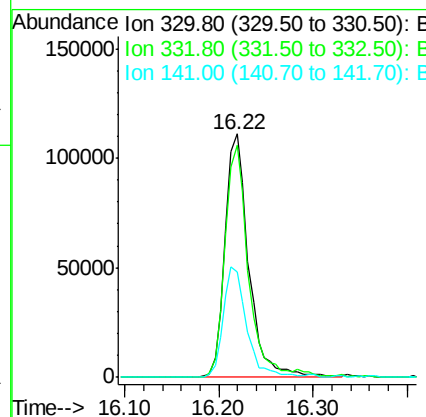
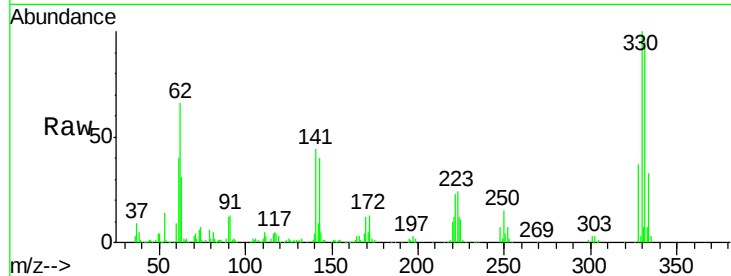




#41
 2,4,6-Tribromophenol
 Concen: 81.33 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024153.D
 Acq: 28 Sep 2016 20:09

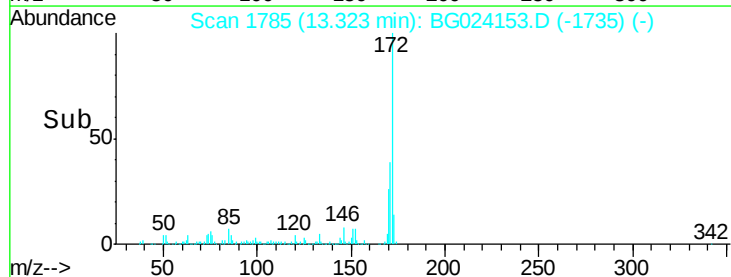
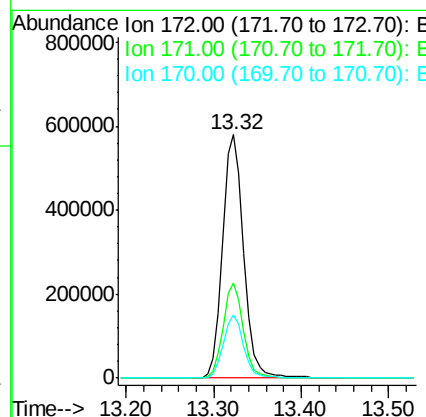
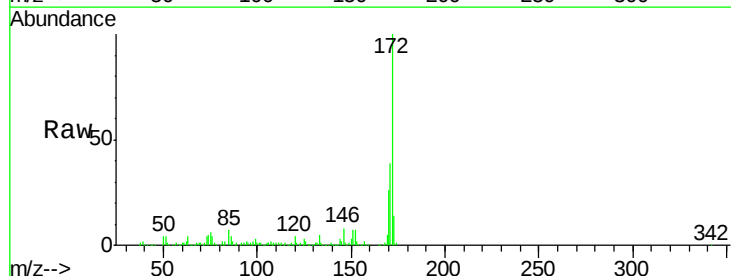
Instrument :
 BNA_G
 ClientSampleId :
 092216-DRDC-E-U-M

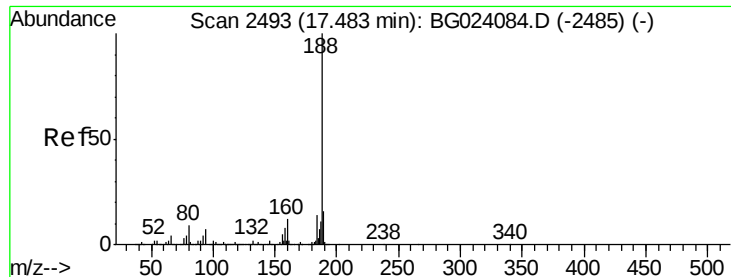
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.4	116.2
141	44.7	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024153.D
 Acq: 28 Sep 2016 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	26.1	21.3	31.9

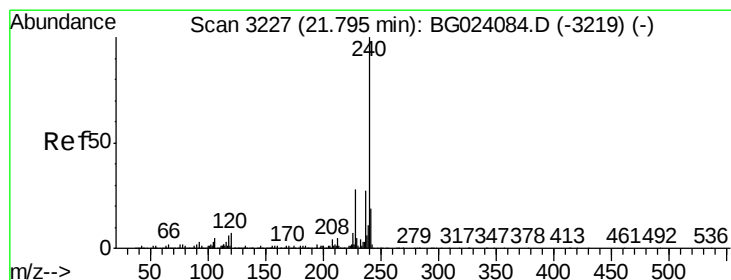
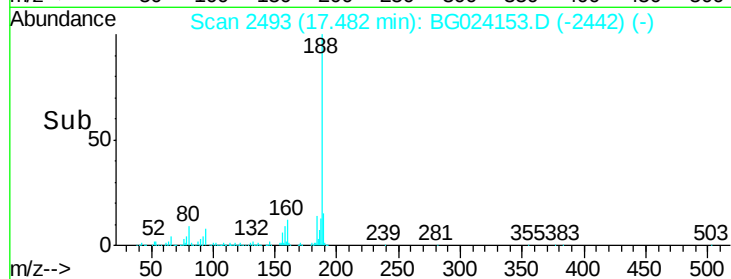
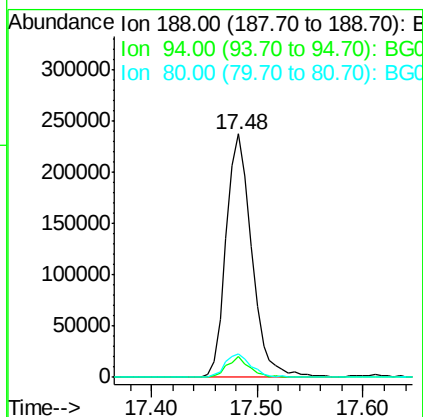
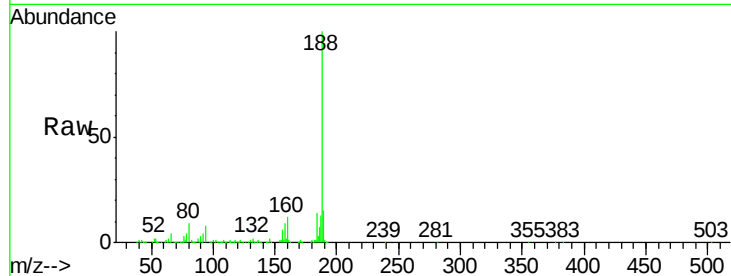




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024153.D
Acq: 28 Sep 2016 20:09

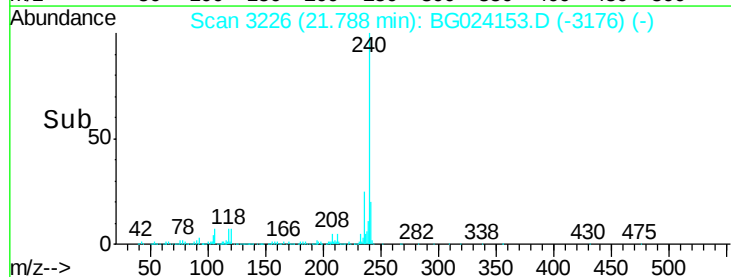
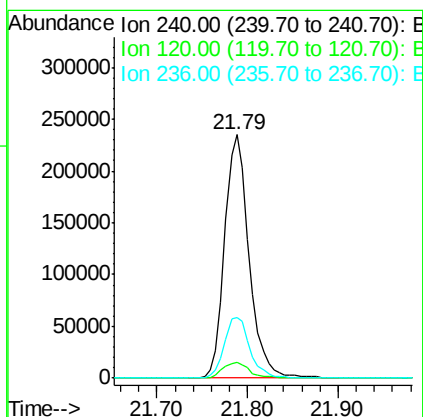
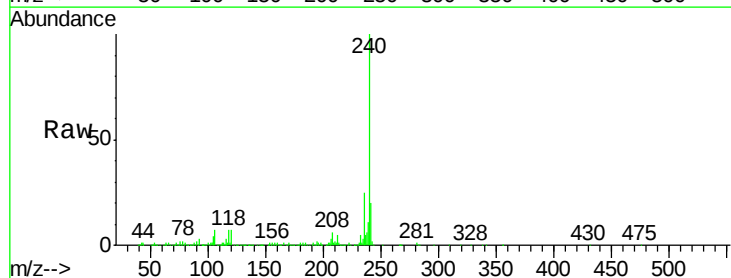
Instrument :
BNA_G
ClientSampleId :
092216-DRDC-E-U-M

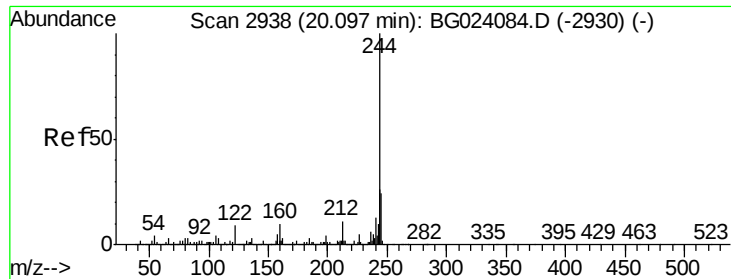
Tot Ion:188 Resp: 399961
Ion Ratio Lower Upper
188 100
94 8.4 5.2 7.8#
80 9.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024153.D
Acq: 28 Sep 2016 20:09

Tgt Ion:240 Resp: 438889
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 25.0 21.1 31.7





#78

Terphenyl-d14

Concen: 76.05 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024153.D

Acq: 28 Sep 2016 20:09

Instrument :

BNA_G

ClientSampleId :

092216-DRDC-E-U-M

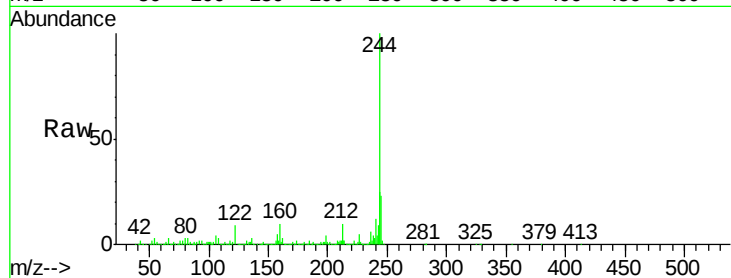
Tot Ion:244 Resp: 1630144

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

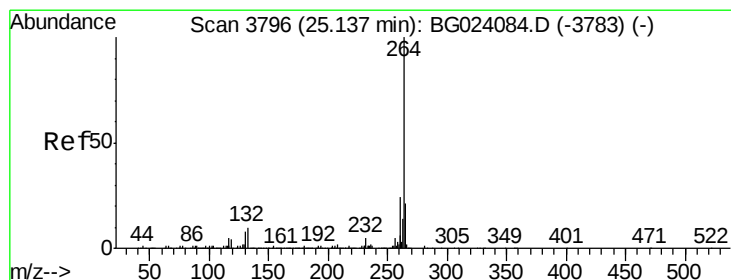
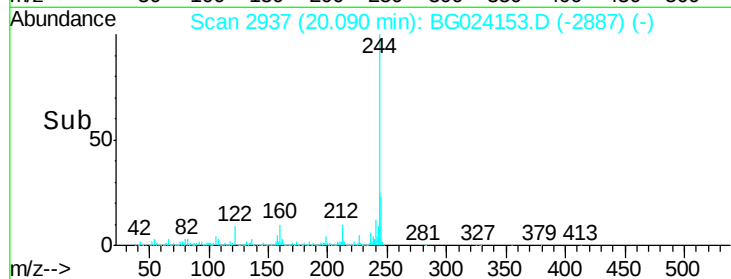
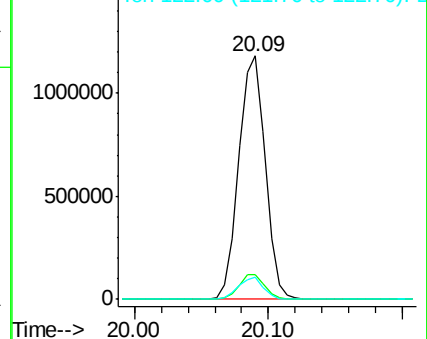
122 9.0 8.0 12.0



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: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG024153.D

Acq: 28 Sep 2016 20:09

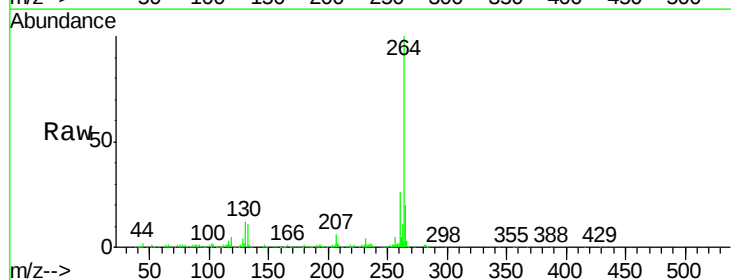
Tgt Ion:264 Resp: 398048

Ion Ratio Lower Upper

264 100

260 25.6 18.4 27.6

265 19.7 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

