

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024152.D
 Acq On : 28 Sep 2016 19:30
 Operator : UM/SJ
 Sample : H4919-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 29 01:17:31 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

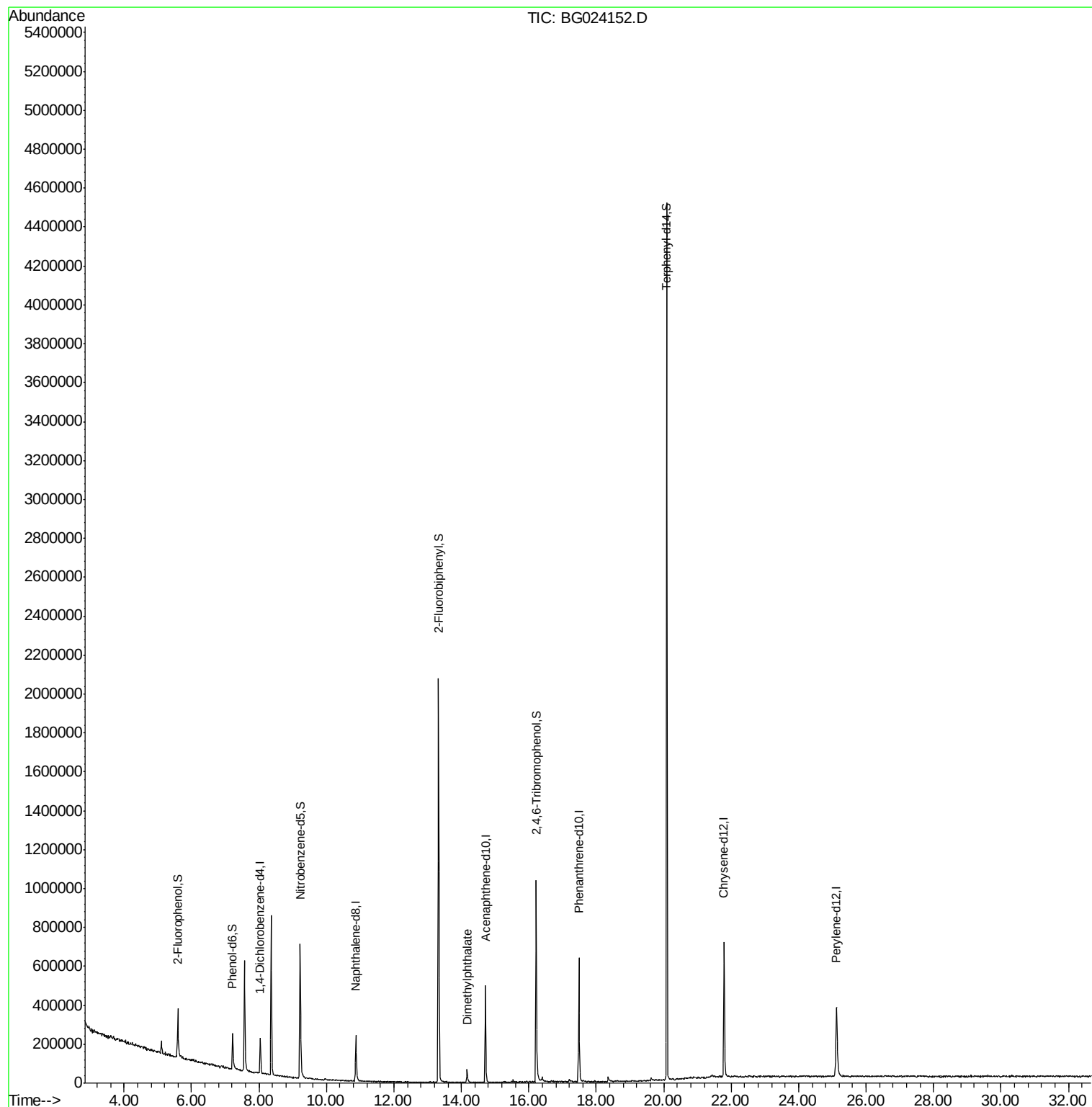
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49231	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	224402	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	188162	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	433190	20.00	ng	0.00
75) Chrysene-d12	21.79	240	460558	20.00	ng	0.00
86) Perylene-d12	25.12	264	442186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	128441	45.20	ng	0.00
7) Phenol-d6	7.21	99	128822	26.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	508972	89.39	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	201477	74.49	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1050479	93.84	ng	0.00
78) Terphenyl-d14	20.09	244	1787897	79.49	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	50392	3.49	ng	# 96

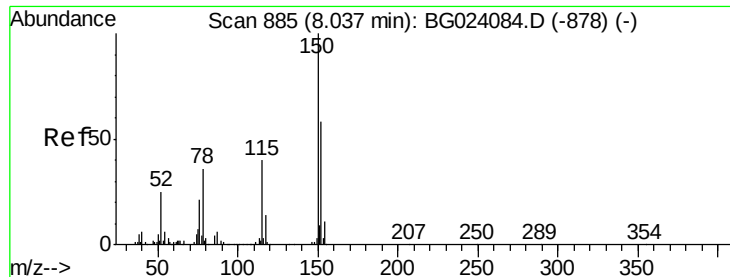
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

Instrument :

BNA_G

ClientSampleId :

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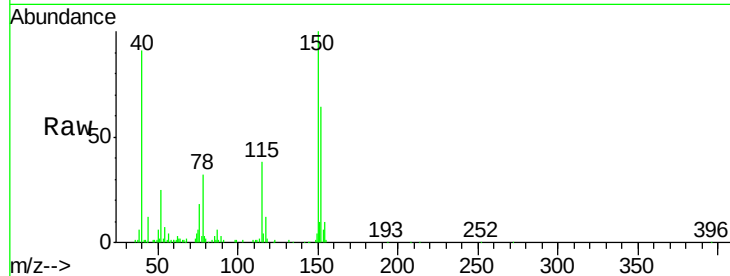
Tot Ion:152 Resp: 49231

Ion Ratio Lower Upper

152 100

150 155.1 144.7 217.1

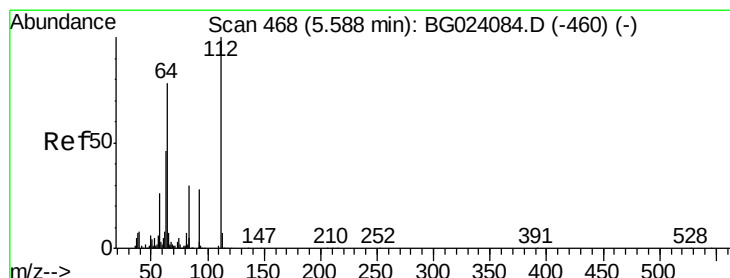
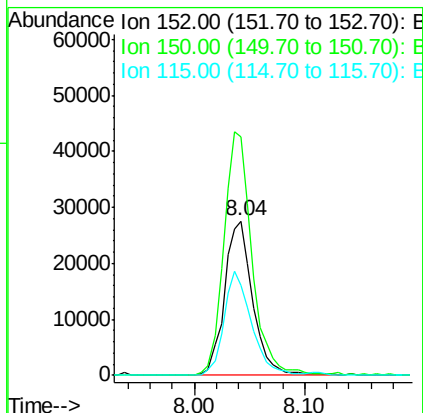
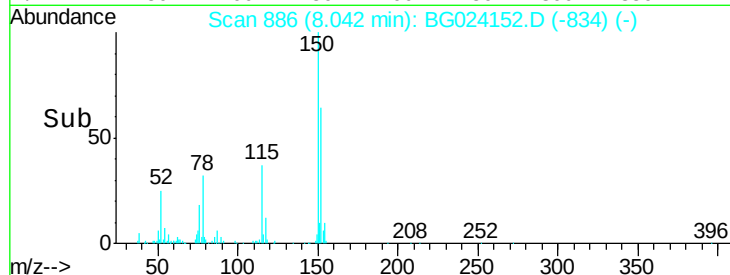
115 58.3 64.0 96.0#



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: 45.20 ng

RT: 5.59 min Scan# 469

Delta R.T. 0.01 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

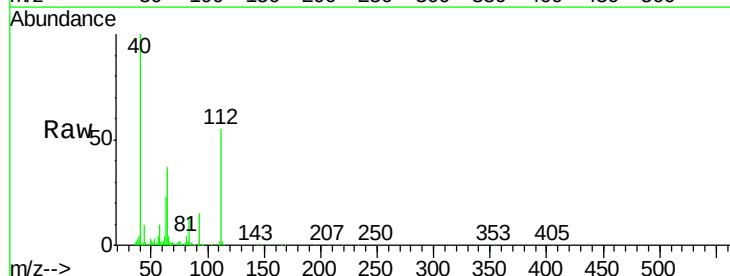
Tgt Ion:112 Resp: 128441

Ion Ratio Lower Upper

112 100

64 66.5 59.0 88.4

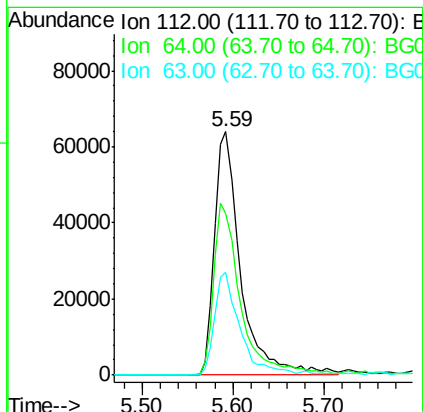
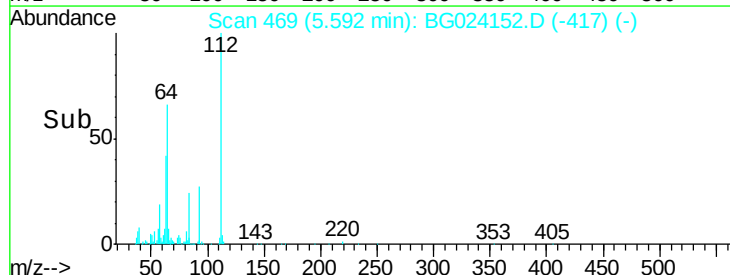
63 42.5 37.8 56.8

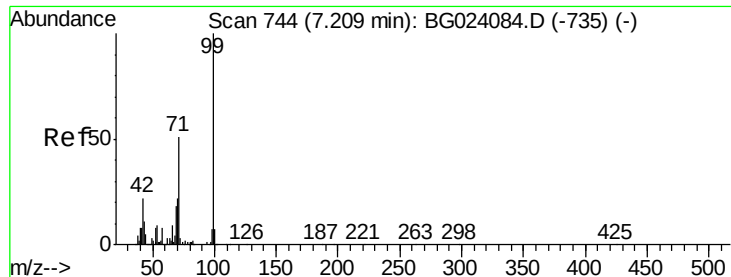


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 26.94 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.00 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

Instrument :

BNA_G

ClientSampleId :

092216-DRDC-E-D-M

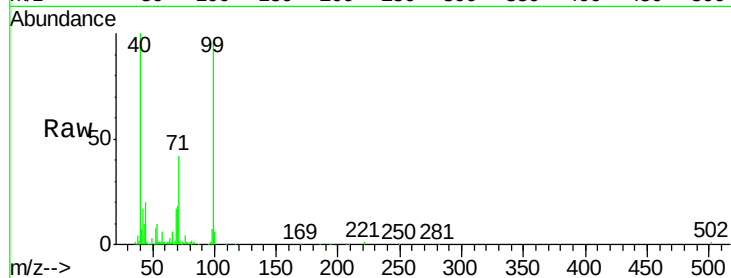
Tot Ion: 99 Resp: 128822

Ion Ratio Lower Upper

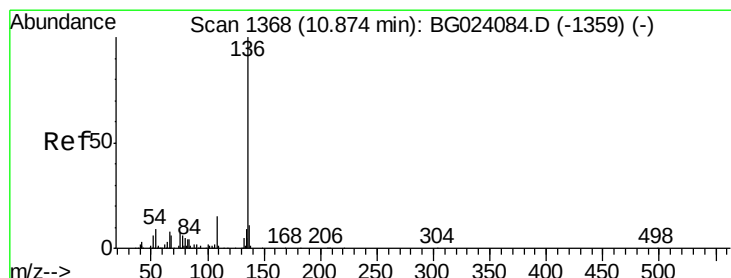
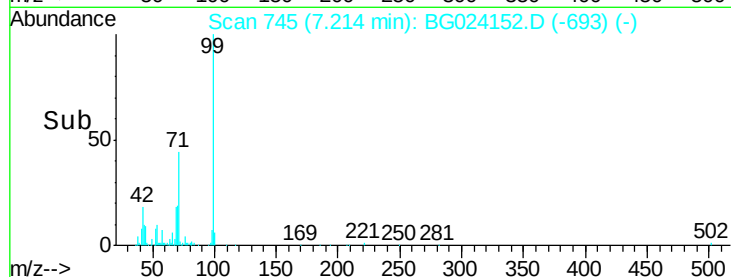
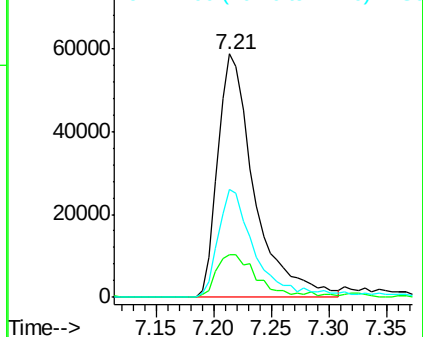
99 100

42 17.8 17.8 26.6

71 44.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

Tgt Ion: 136 Resp: 224402

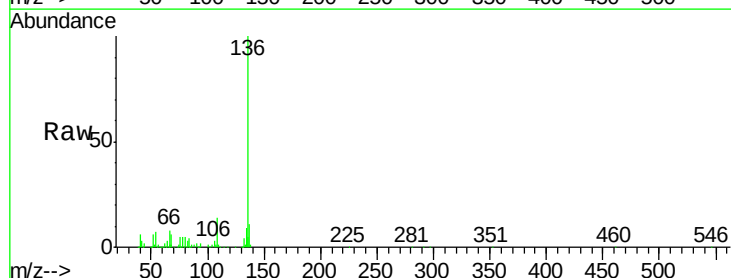
Ion Ratio Lower Upper

136 100

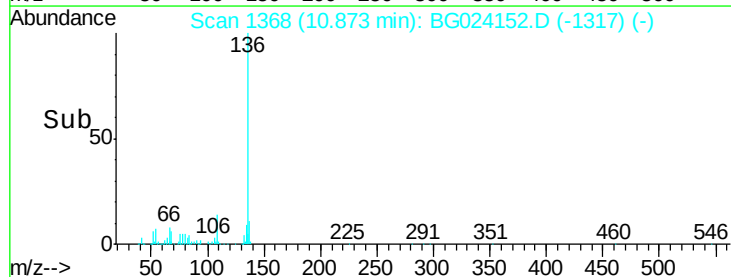
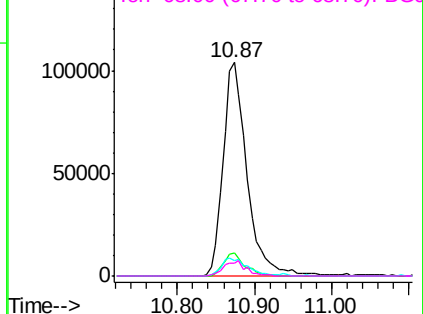
137 10.9 9.6 14.4

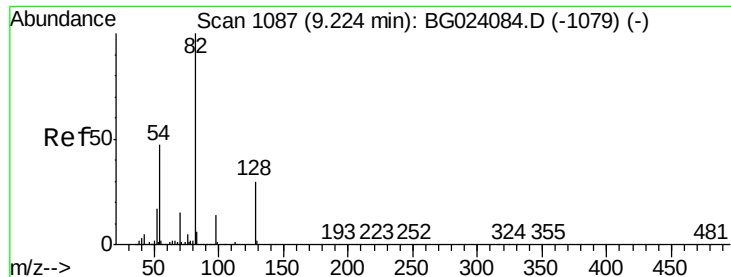
54 7.0 7.3 10.9#

68 6.1 5.3 7.9



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

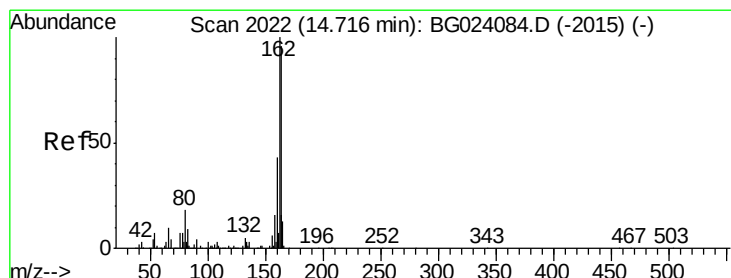
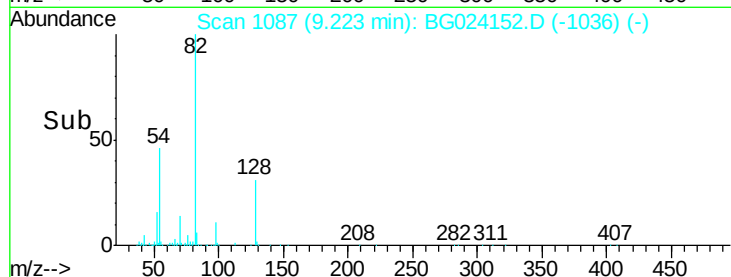
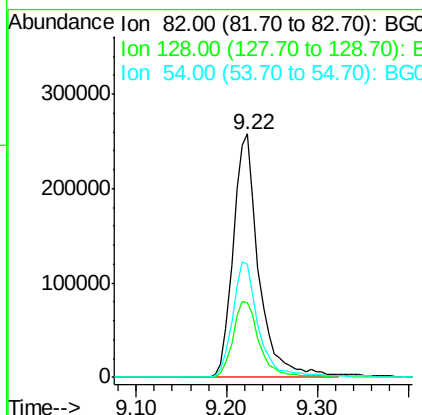
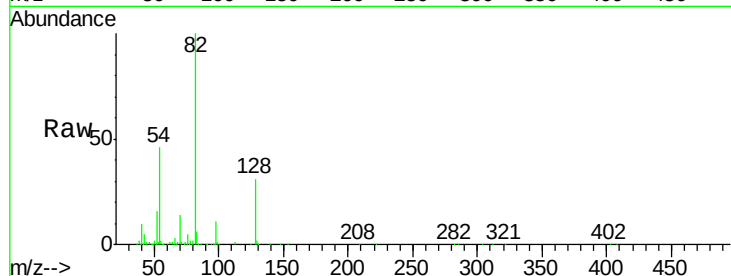




#23
 Nitrobenzene-d5
 Concen: 89.39 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024152.D
 Acq: 28 Sep 2016 19:30

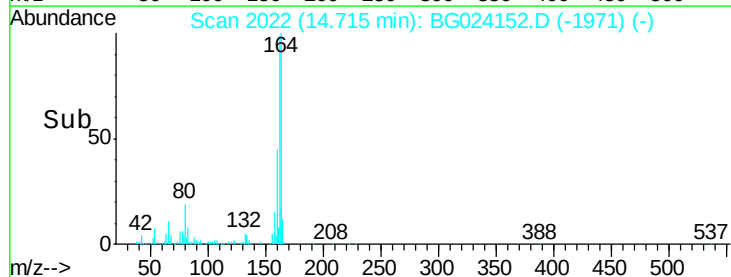
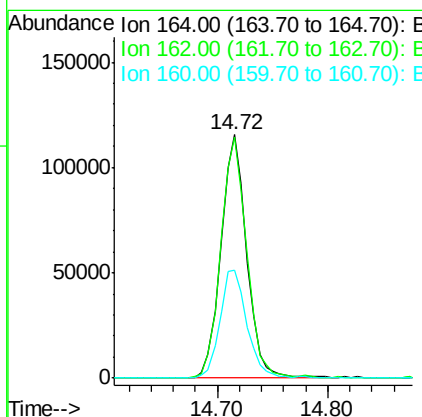
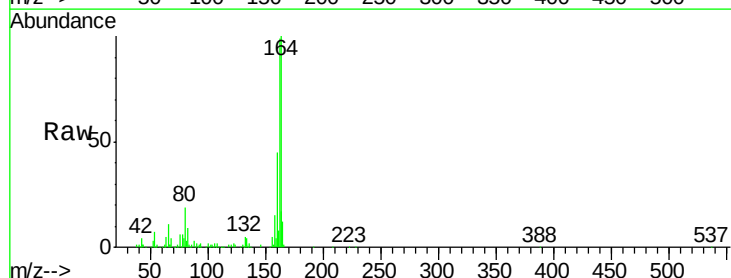
Instrument :
 BNA_G
 ClientSampleId :
 092216-DRDC-E-D-M

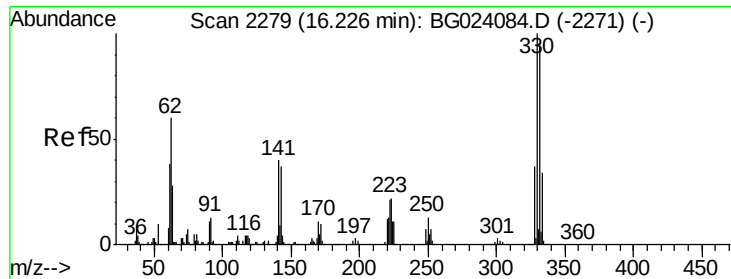
Tot Ion	82	Resp	508972
Ion Ratio	Lower	Upper	
82	100		
128	30.5	24.4	36.6
54	46.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024152.D
 Acq: 28 Sep 2016 19:30

Tgt Ion	164	Resp	188162
Ion Ratio	Lower	Upper	
164	100		
162	98.8	87.7	131.5
160	44.5	37.2	55.8

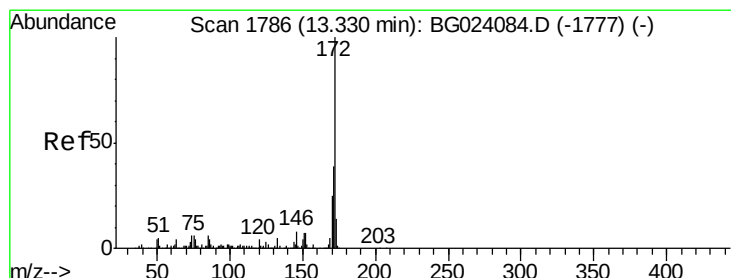
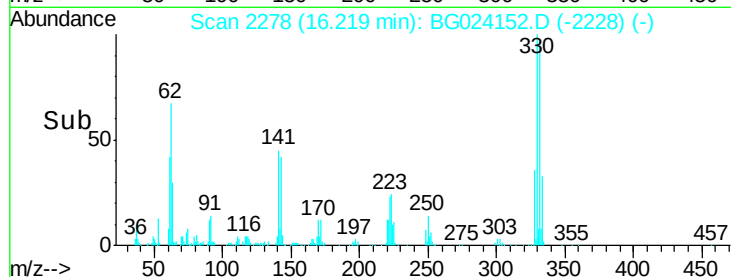
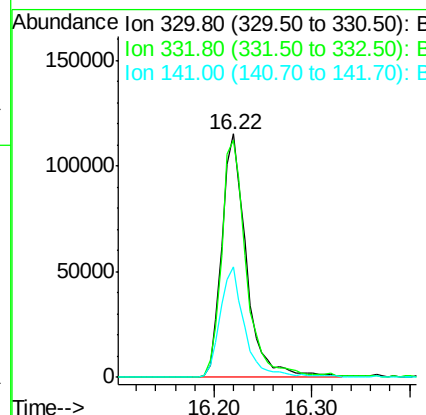
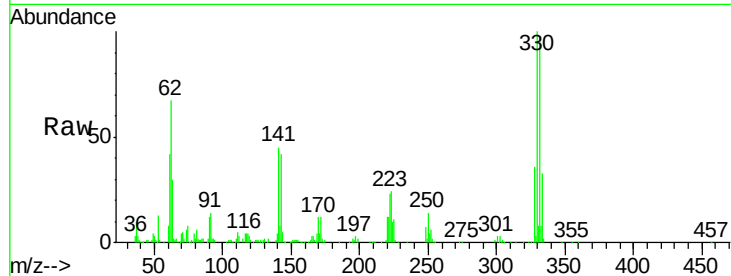




#41
 2,4,6-Tribromophenol
 Concen: 74.49 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024152.D
 Acq: 28 Sep 2016 19:30

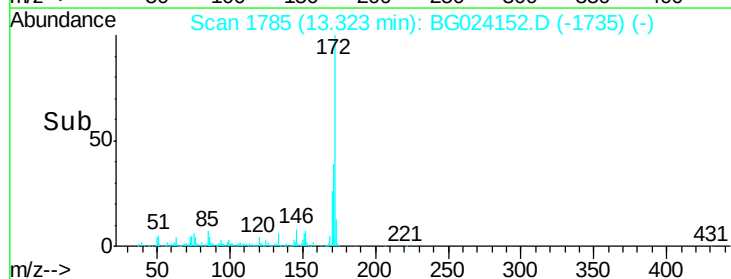
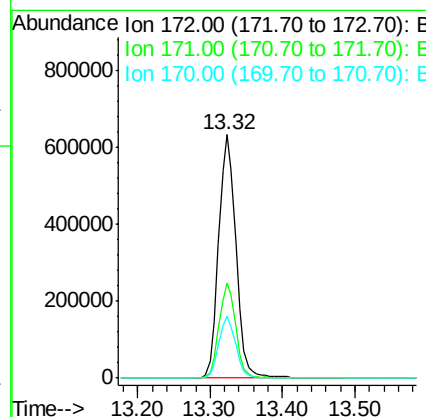
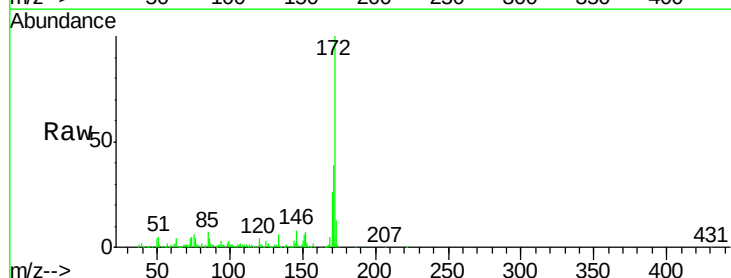
Instrument :
 BNA_G
 ClientSampleId :
 092216-DRDC-E-D-M

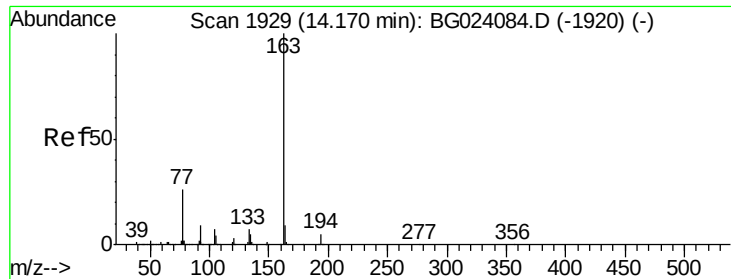
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	44.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 93.84 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024152.D
 Acq: 28 Sep 2016 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.6	47.4
170	25.6	21.3	31.9





#49

Dimethylphthalate

Concen: 3.49 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

Instrument :

BNA_G

ClientSampleId :

092216-DRDC-E-D-M

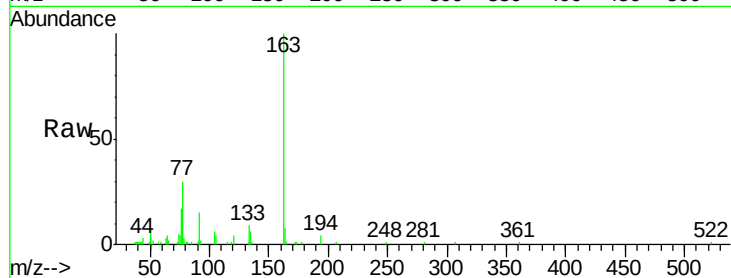
Tot Ion:163 Resp: 50392

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

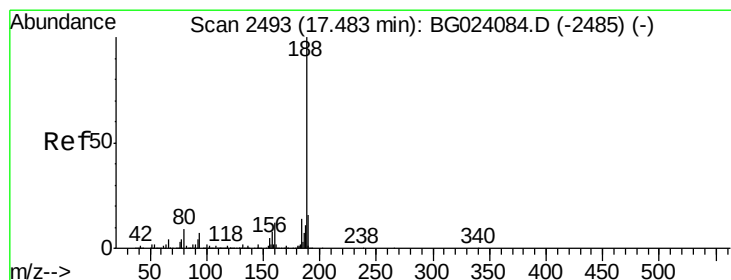
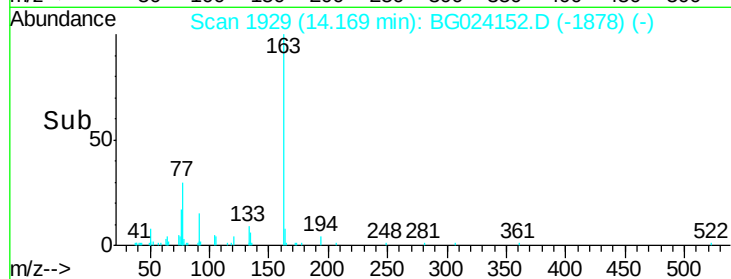
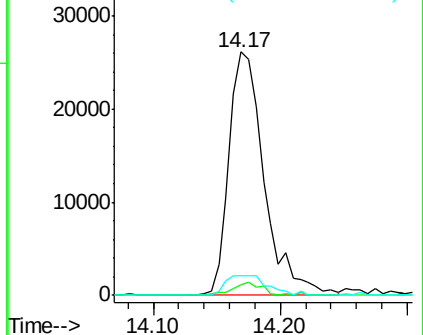
164 8.1 8.1 12.1#



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: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024152.D

Acq: 28 Sep 2016 19:30

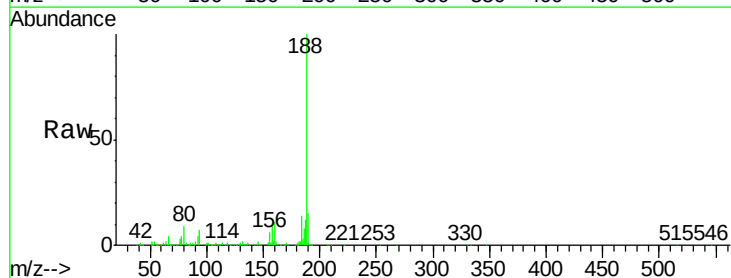
Tgt Ion:188 Resp: 433190

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

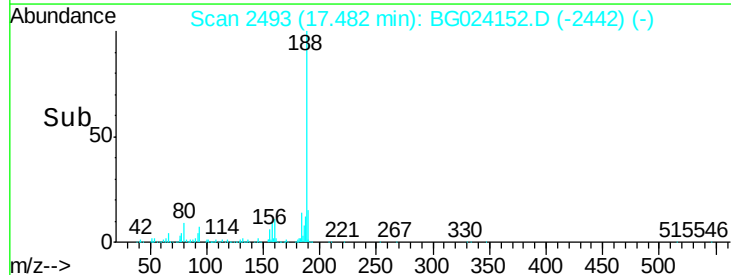
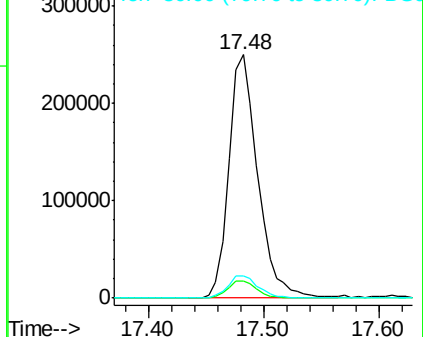
80 9.3 7.2 10.8

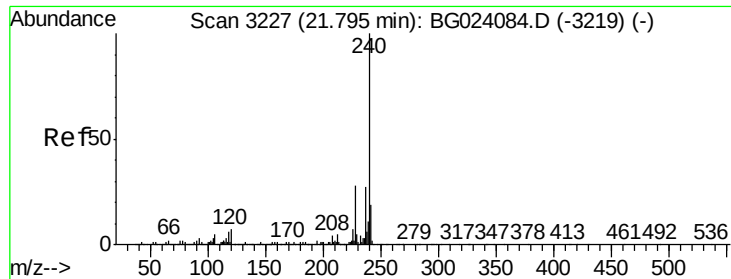


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

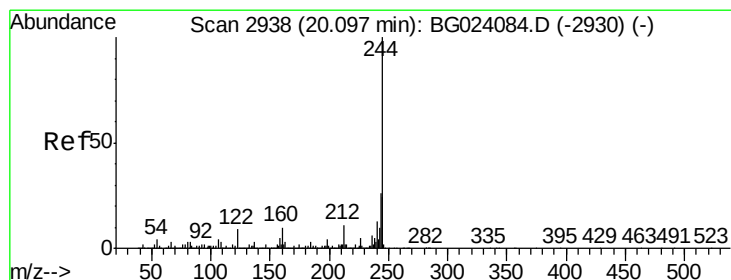
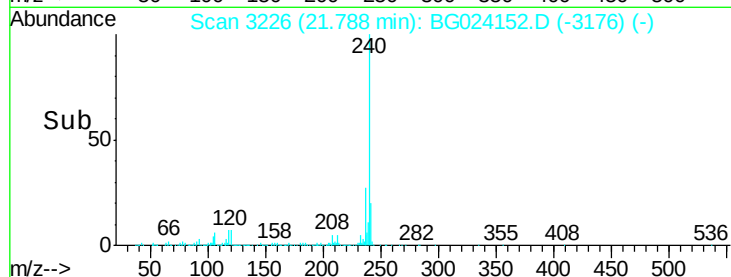
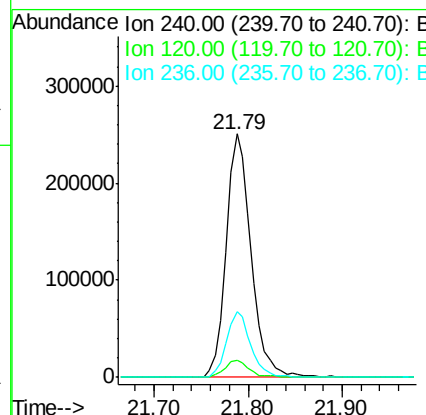
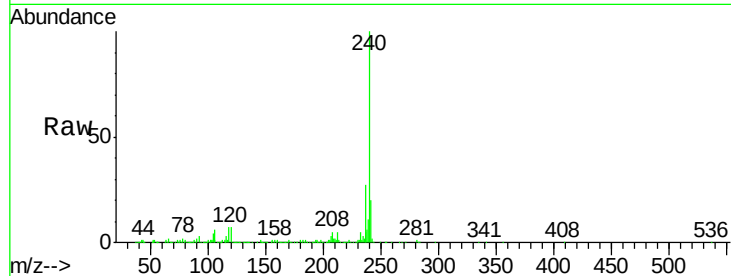




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024152.D
Acq: 28 Sep 2016 19:30

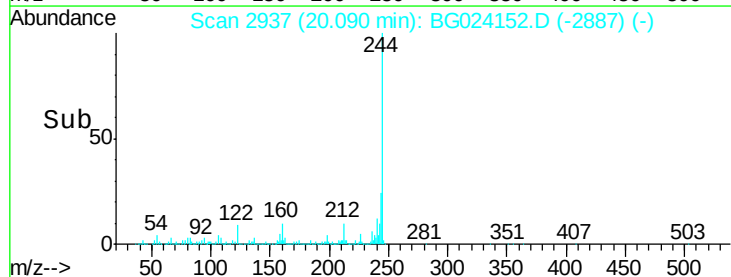
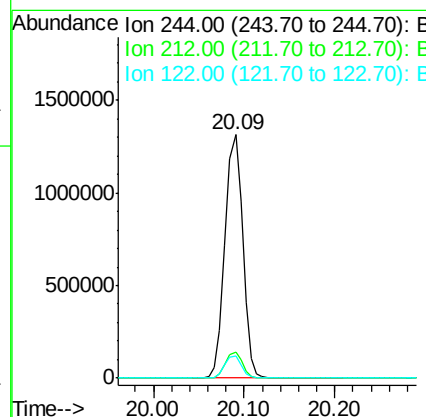
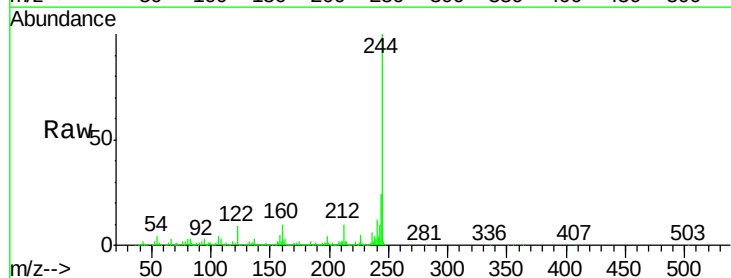
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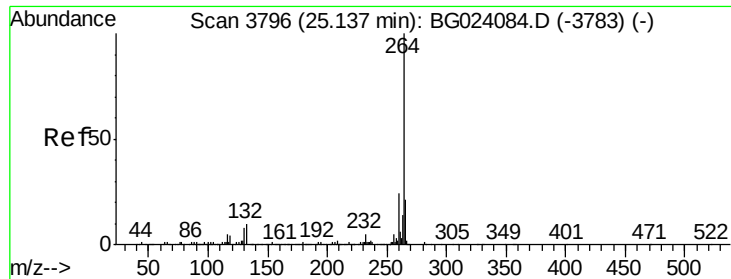
Tot Ion:240 Resp: 460558
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 26.9 21.1 31.7



#78
Terphenyl-d14
Concen: 79.49 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024152.D
Acq: 28 Sep 2016 19:30

Tgt Ion:244 Resp: 1787897
Ion Ratio Lower Upper
244 100
212 10.5 10.8 16.2#
122 9.0 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024152.D
Acq: 28 Sep 2016 19:30

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	19.4	18.9	28.3

