

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022695.D
 Acq On : 29 Jun 2016 3:47
 Operator : UM/SJ
 Sample : H3769-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPCH-DUP

Quant Time: Jun 29 04:56:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

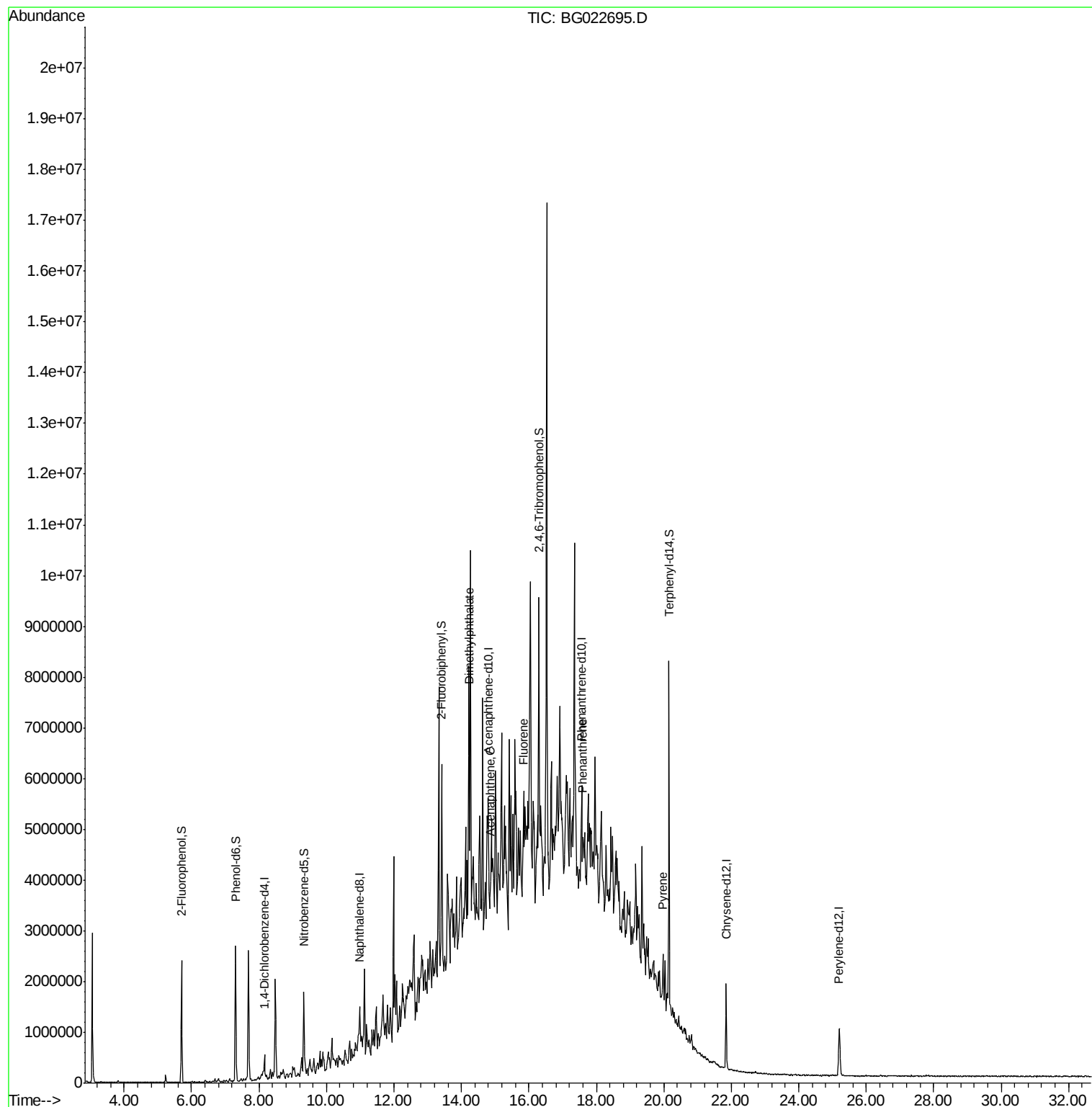
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	134665	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	546296	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	402754	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	879448	20.00	ng	0.01
75) Chrysene-d12	21.85	240	1061790	20.00	ng	0.00
86) Perylene-d12	25.20	264	1156386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1000664	119.19	ng	0.00
7) Phenol-d6	7.31	99	1461385	123.49	ng	0.00
23) Nitrobenzene-d5	9.33	82	1067340	82.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	792182	125.05	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1890406	74.44	ng	0.00
78) Terphenyl-d14	20.15	244	2519288	62.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	268884	8.05	ng	# 60
51) Acenaphthene	14.86	154	115987	4.30	ng	97
57) Fluorene	15.85	166	219779	7.05	ng	# 97
70) Phenanthrene	17.60	178	426627	9.51	ng	# 88
77) Pyrene	19.97	202	182263	3.22	ng	# 62

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

BNA_G

ClientSampleId :

EPCH-DUP

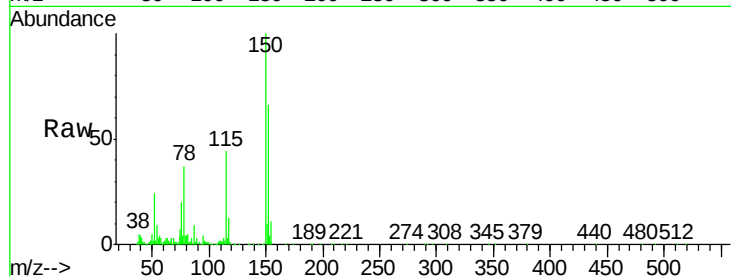
Tot Ion:152 Resp: 134665

Ion Ratio Lower Upper

152 100

150 151.8 144.7 217.1

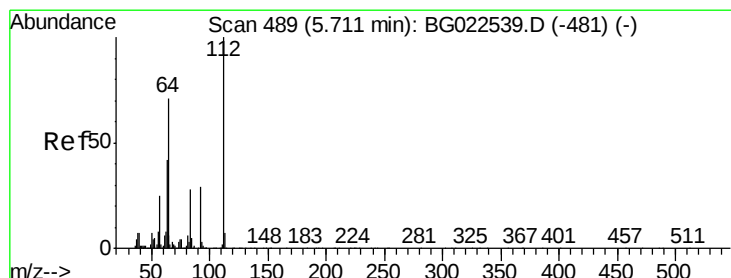
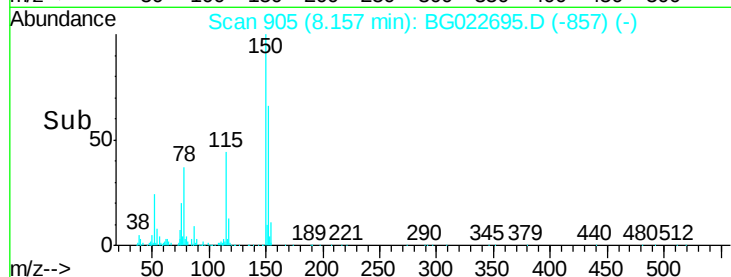
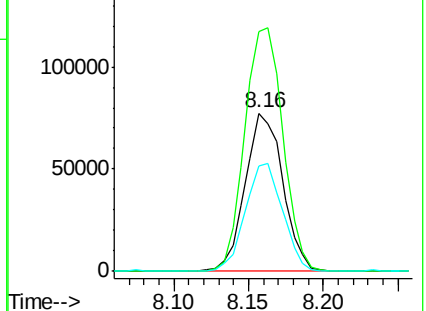
115 66.9 64.0 96.0



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: 119.19 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

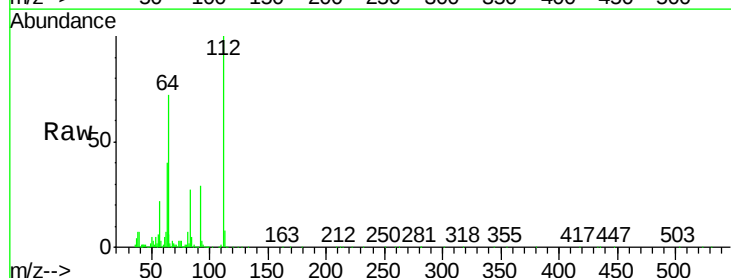
Tgt Ion:112 Resp: 1000664

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

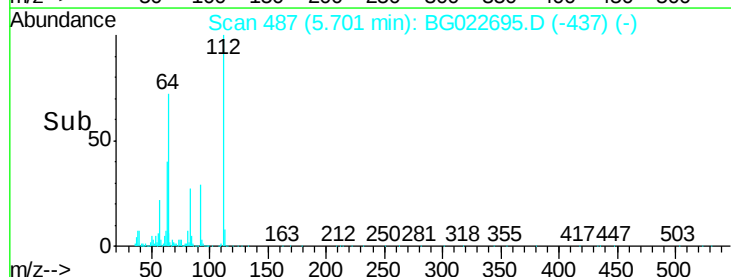
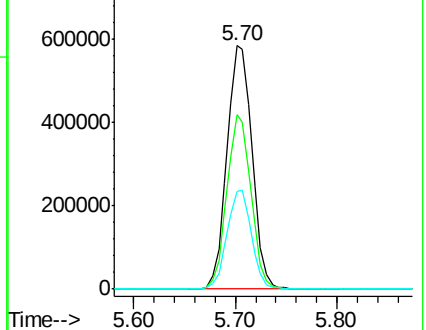
63 40.1 37.8 56.8

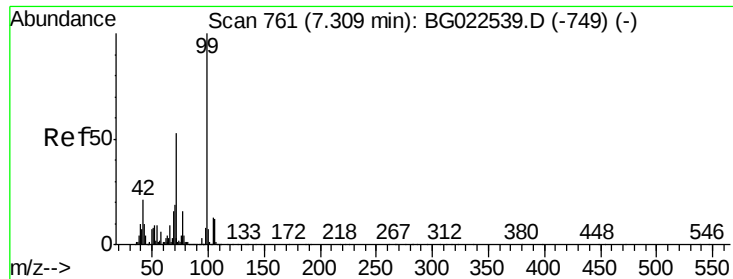


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.49 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

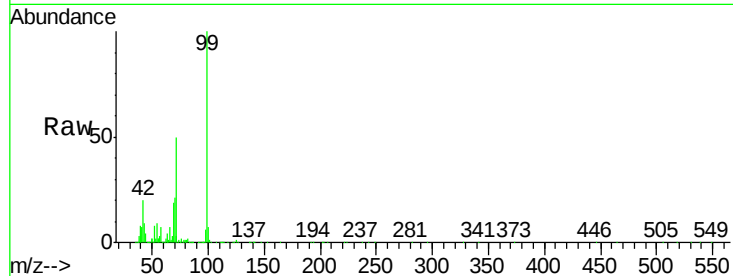
BNA_G

ClientSampleId :

EPCH-DUP

Tot Ion: 99 Resp: 1461385

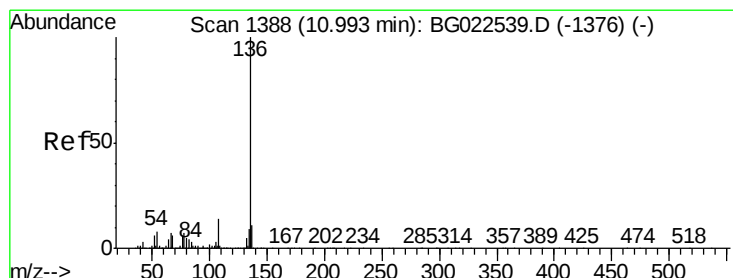
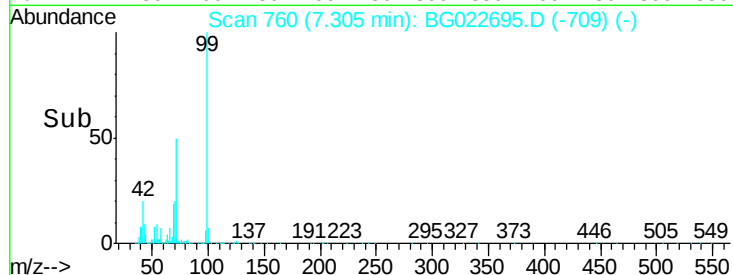
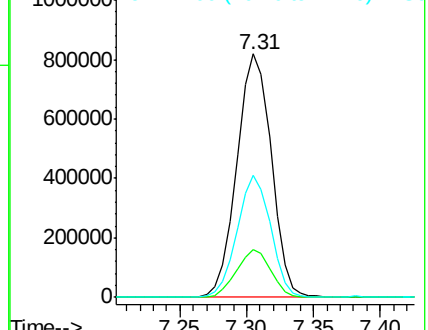
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	50.1	41.5	62.3



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: 10.98 min Scan# 1386

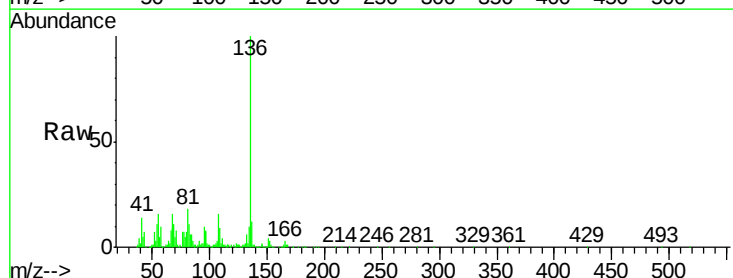
Delta R.T. -0.01 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Tgt Ion: 136 Resp: 546296

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	10.6	7.3	10.9
68	9.1	5.3	7.9#

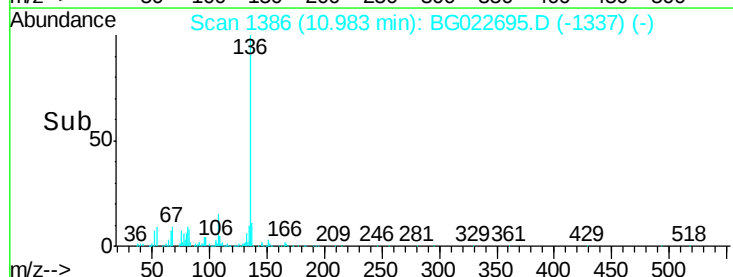
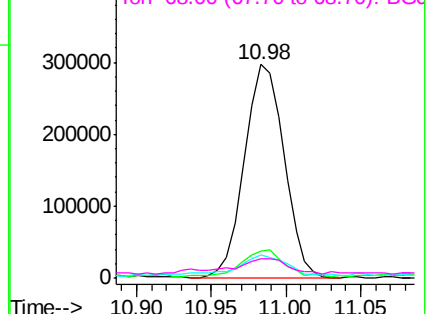


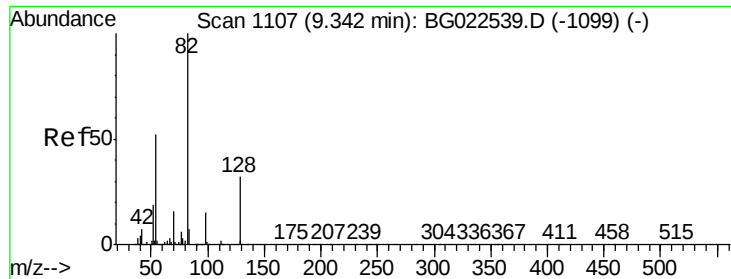
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

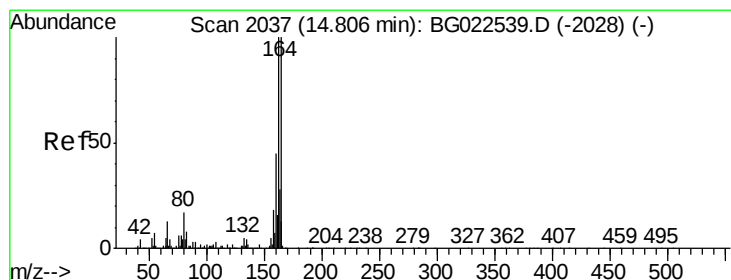
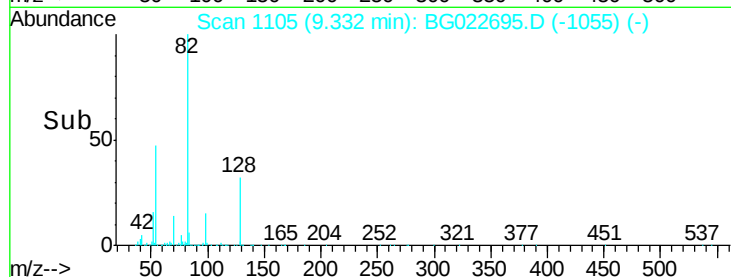
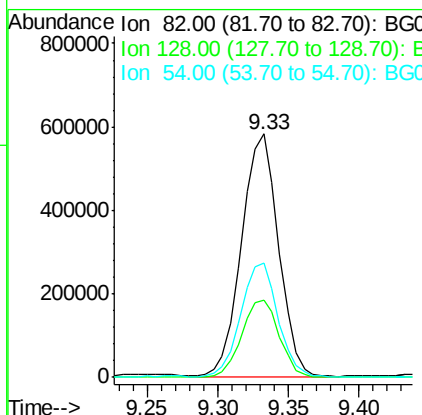
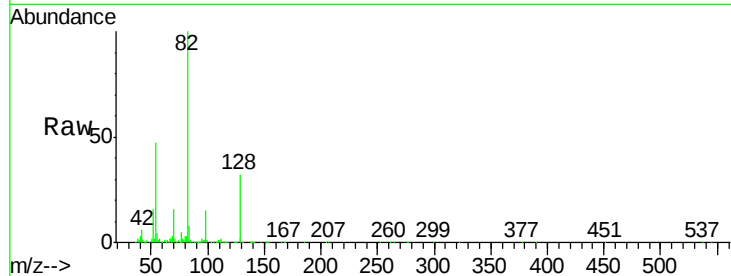




#23
 Nitrobenzene-d5
 Concen: 82.69 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022695.D
 Acq: 29 Jun 2016 3:47

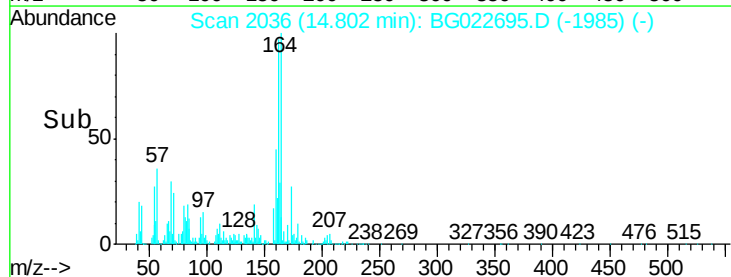
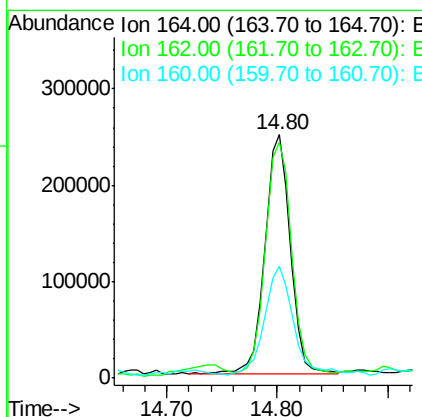
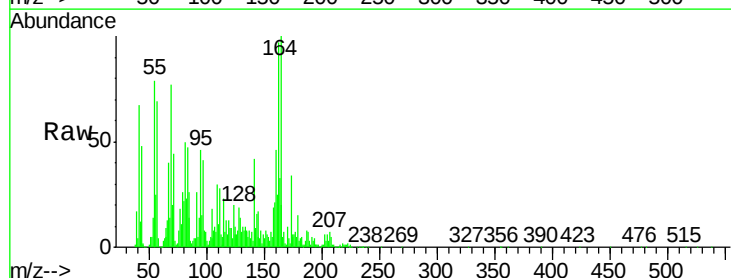
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-DUP

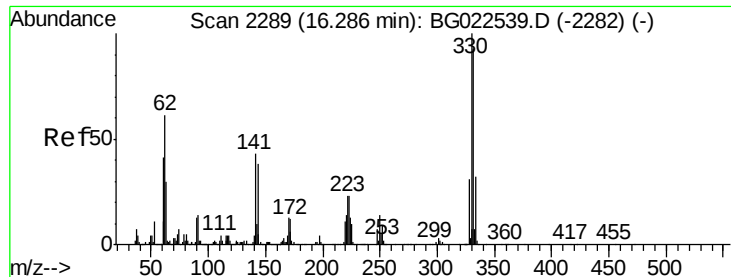
Tot Ion: 82 Resp: 1067340
 Ion Ratio Lower Upper
 82 100
 128 31.7 24.4 36.6
 54 46.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022695.D
 Acq: 29 Jun 2016 3:47

Tgt Ion: 164 Resp: 402754
 Ion Ratio Lower Upper
 164 100
 162 96.7 87.7 131.5
 160 46.1 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 125.05 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

BNA_G

ClientSampleId :

EPCH-DUP

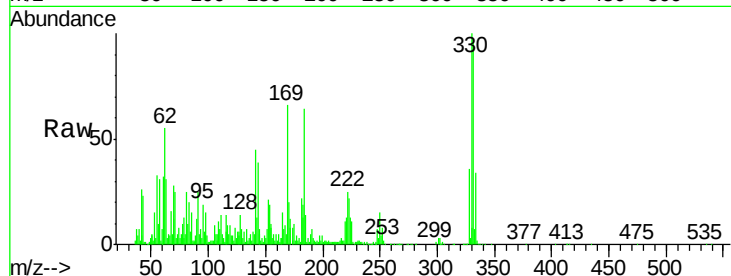
Tot Ion:330 Resp: 792182

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

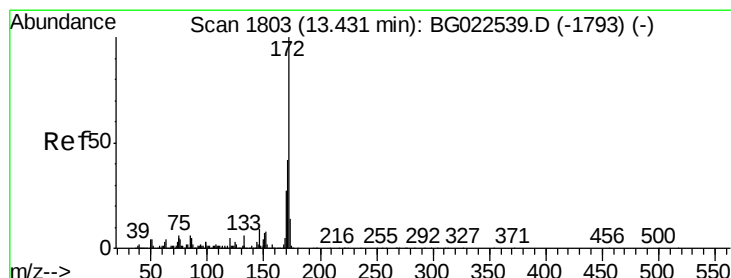
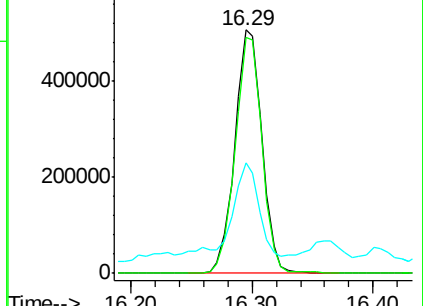
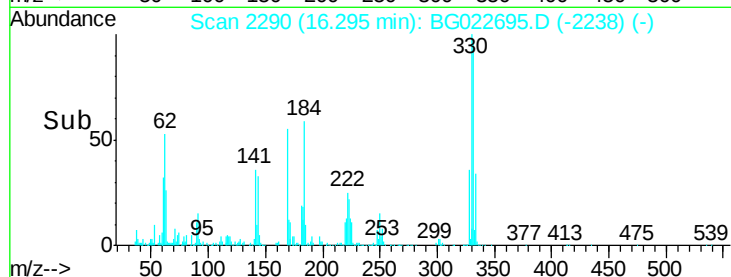
141 36.4 31.7 47.5



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: 74.44 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

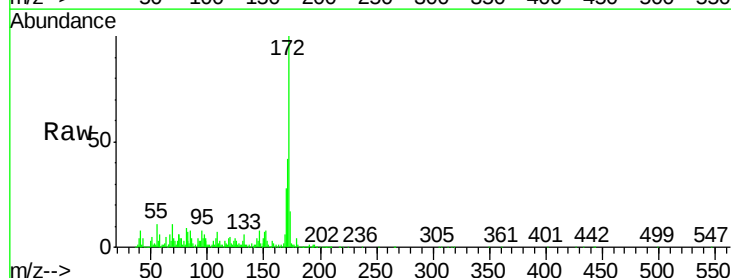
Tgt Ion:172 Resp: 1890406

Ion Ratio Lower Upper

172 100

171 42.0 31.6 47.4

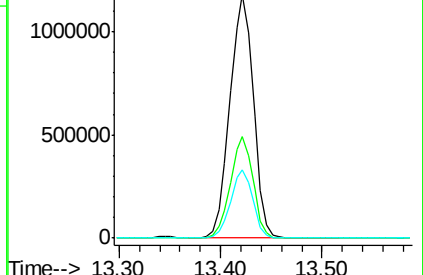
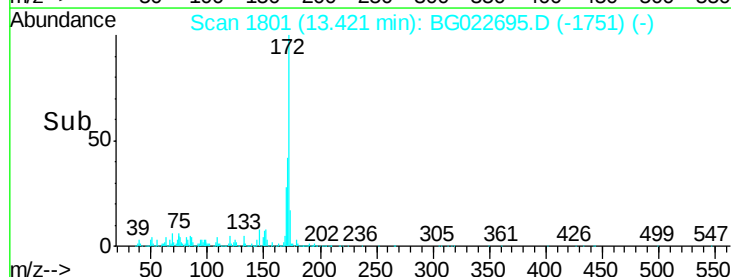
170 28.2 21.3 31.9

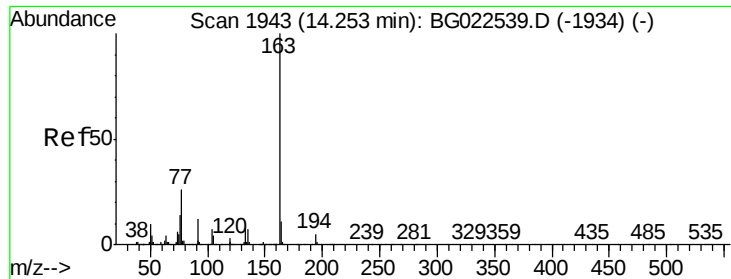


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.05 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

BNA_G

ClientSampleId :

EPCH-DUP

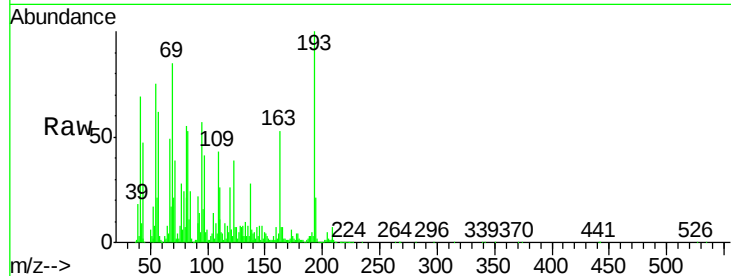
Tot Ion:163 Resp: 268884

Ion Ratio Lower Upper

163 100

194 39.5 3.6 5.4#

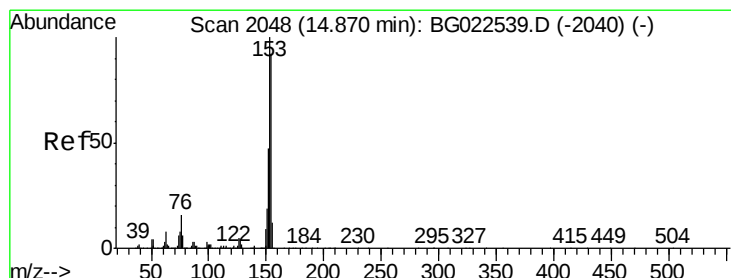
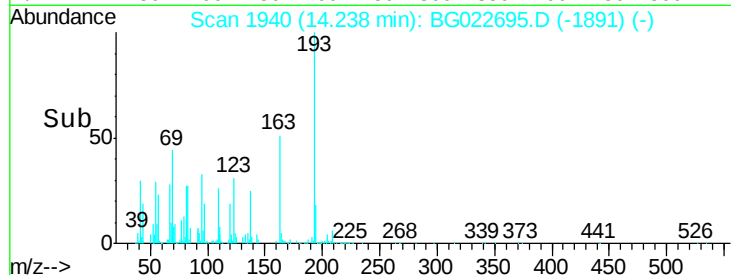
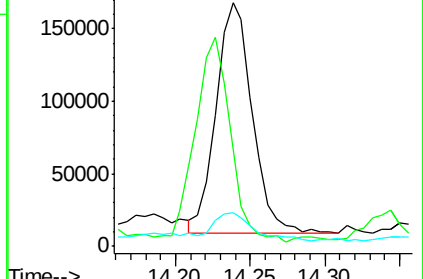
164 13.9 8.1 12.1#



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



#51

Acenaphthene

Concen: 4.30 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

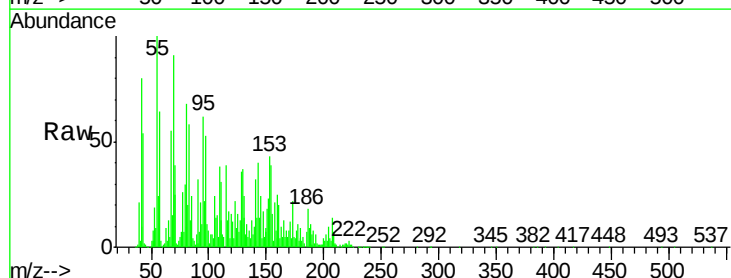
Tgt Ion:154 Resp: 115987

Ion Ratio Lower Upper

154 100

153 109.8 87.5 131.3

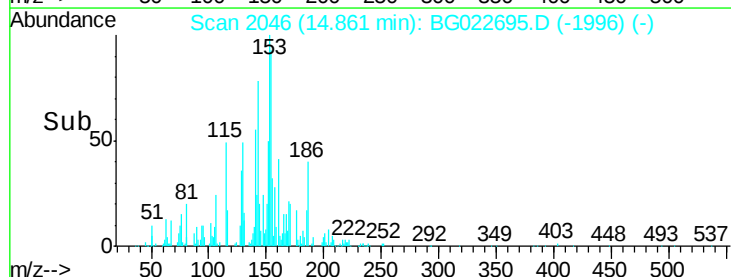
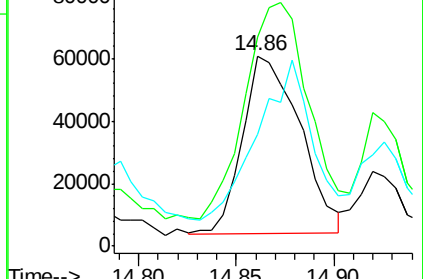
152 58.7 42.7 64.1

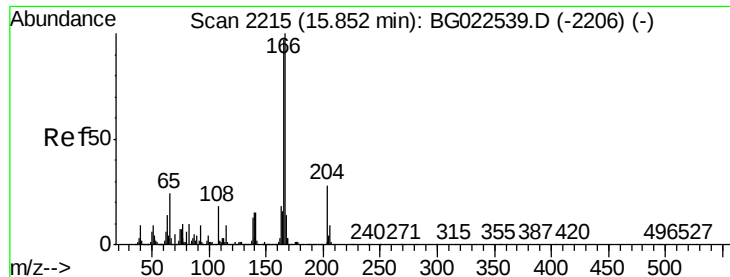


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

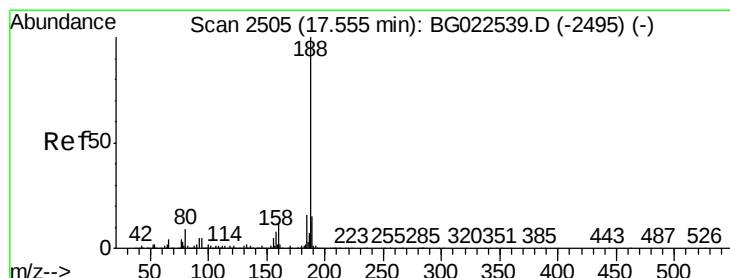
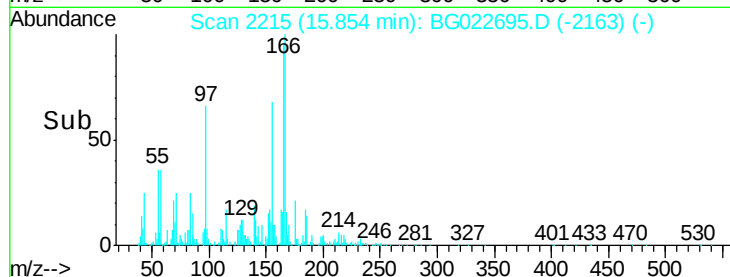
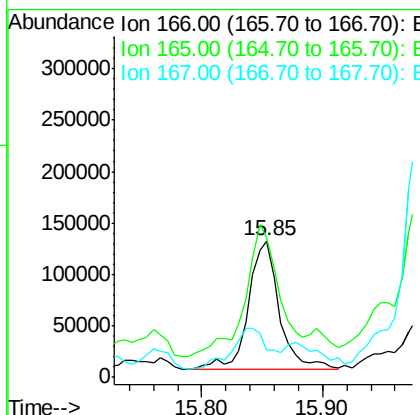
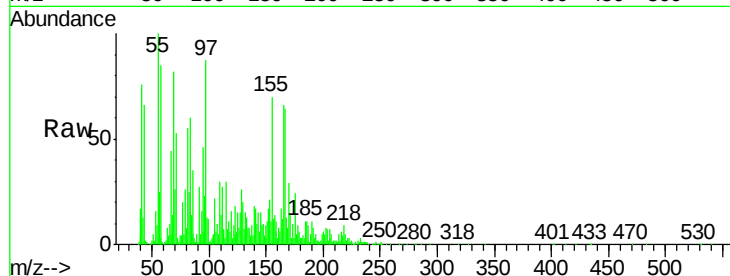




#57
Fluorene
 Concen: 7.05 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG022695.D
 Acq: 29 Jun 2016 3:47

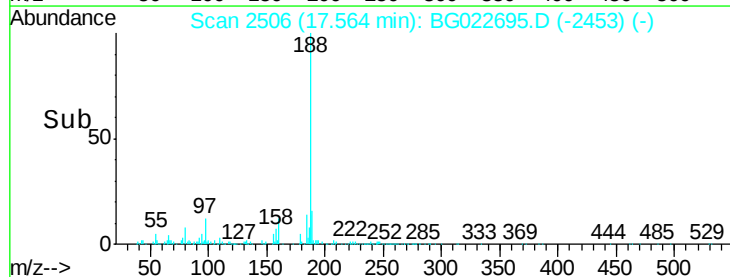
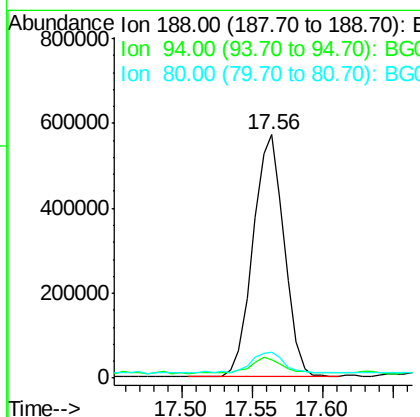
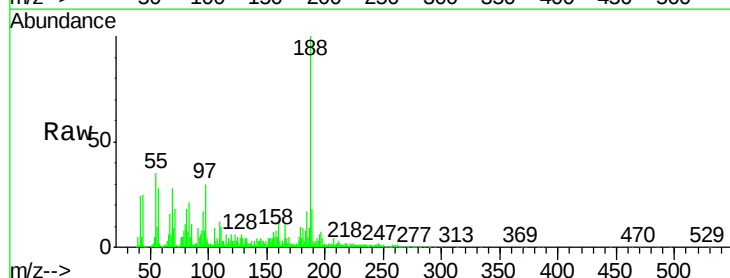
Instrument :
 BNA_G
 ClientSampleId :
 EPCH-DUP

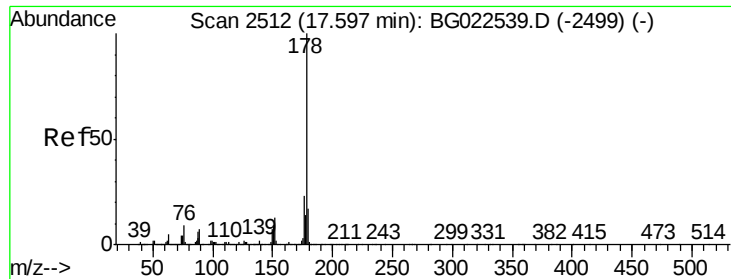
Tot Ion:166 Resp: 219779
 Ion Ratio Lower Upper
 166 100
 165 102.7 81.0 121.6
 167 20.4 12.0 18.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. 0.01 min
 Lab File: BG022695.D
 Acq: 29 Jun 2016 3:47

Tgt Ion:188 Resp: 879448
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.2 7.8
 80 10.5 7.2 10.8





#70

Phenanthrene

Concen: 9.51 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

BNA_G

ClientSampleId :

EPCH-DUP

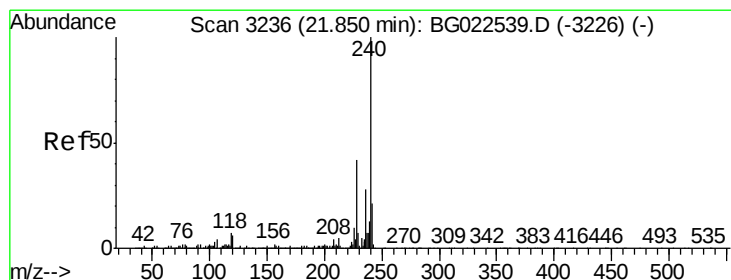
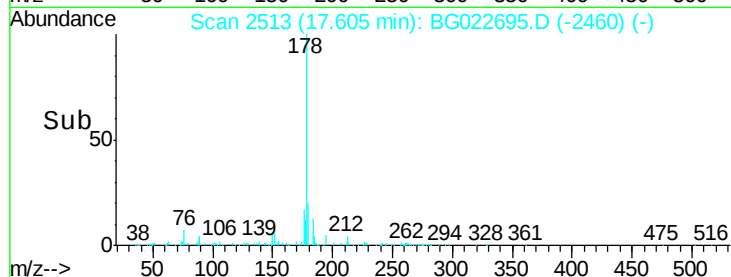
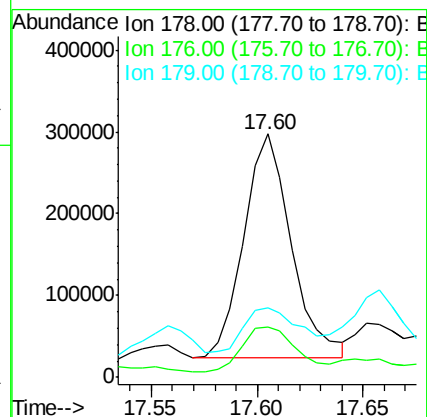
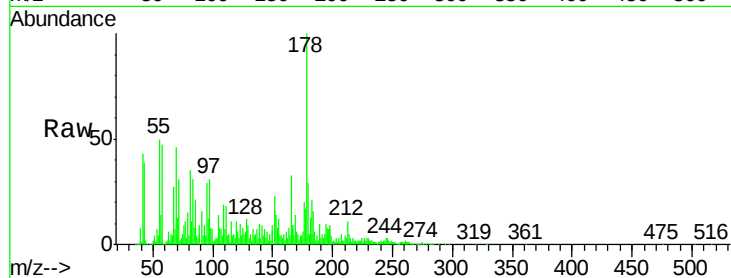
Tot Ion:178 Resp: 426627

Ion Ratio Lower Upper

178 100

176 20.4 16.8 25.2

179 28.5 14.3 21.5#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

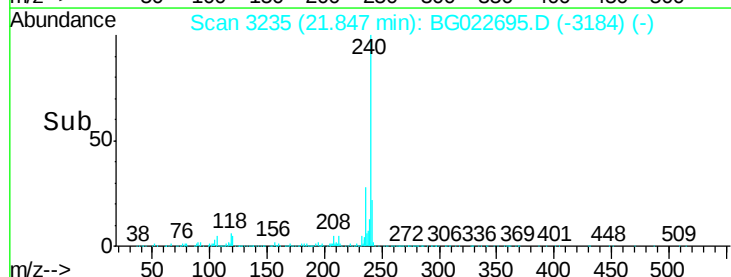
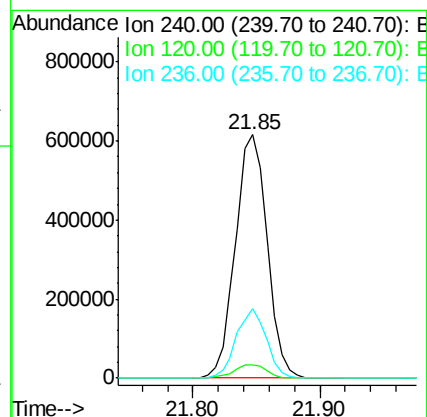
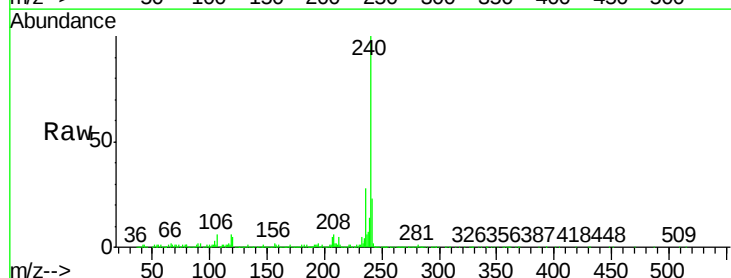
Tgt Ion:240 Resp: 1061790

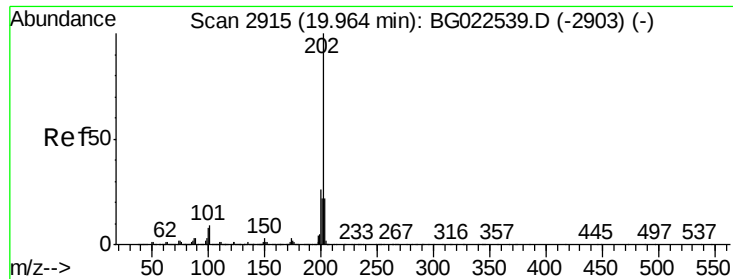
Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

236 28.4 21.1 31.7





#77

Pvrene

Concen: 3.22 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

Instrument :

BNA_G

ClientSampleId :

EPCH-DUP

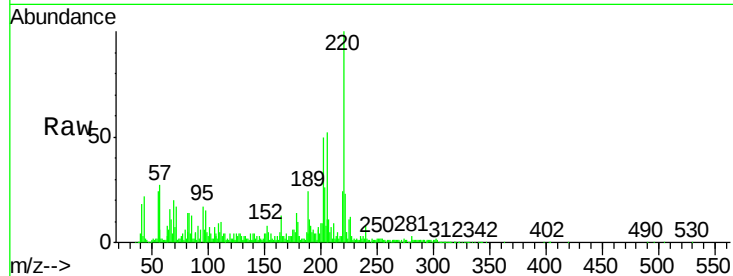
Tot Ion:202 Resp: 182263

Ion Ratio Lower Upper

202 100

200 18.0 21.2 31.8#

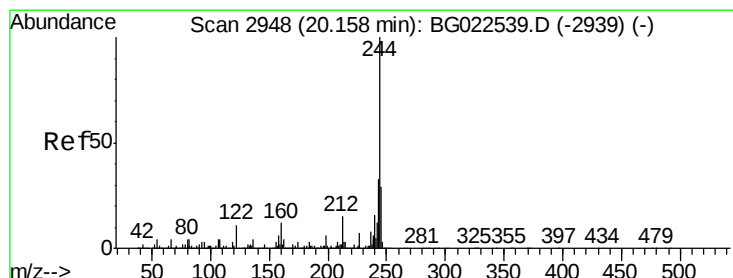
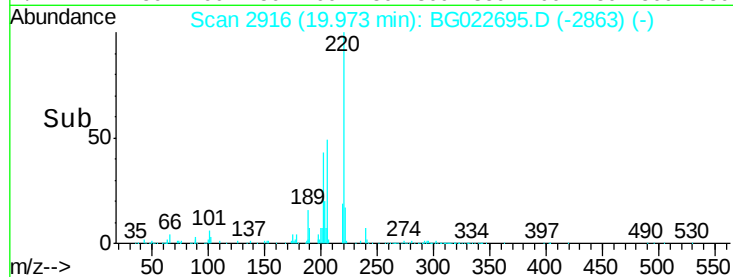
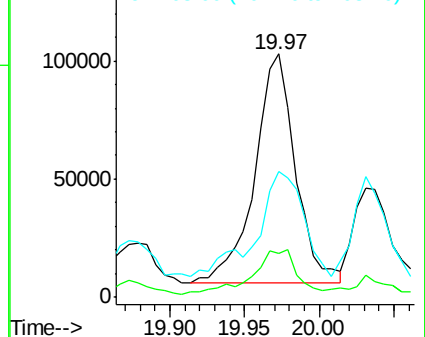
203 51.8 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.86 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022695.D

Acq: 29 Jun 2016 3:47

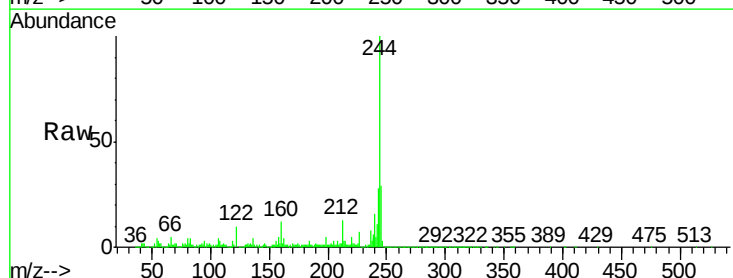
Tgt Ion:244 Resp: 2519288

Ion Ratio Lower Upper

244 100

212 12.9 10.8 16.2

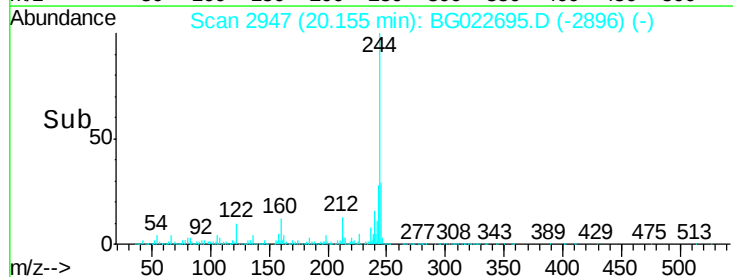
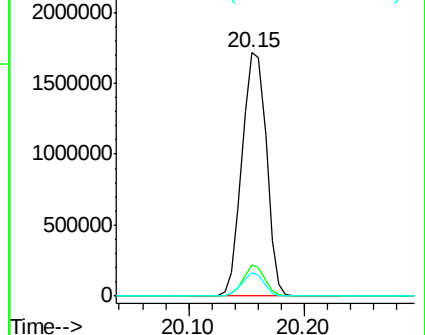
122 9.8 8.0 12.0

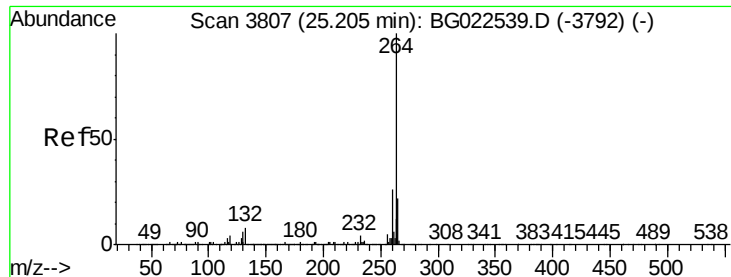


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BG022695.D
Acq: 29 Jun 2016 3:47

Instrument :
BNA_G
ClientSampleId :
EPCH-DUP

Tot Ion:264 Resp: 1156386

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.3	18.9	28.3

