

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040165.D
 Acq On : 27 Mar 2019 3:00
 Operator : JU/SJ
 Sample : K2103-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-B

Quant Time: Mar 27 03:56:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

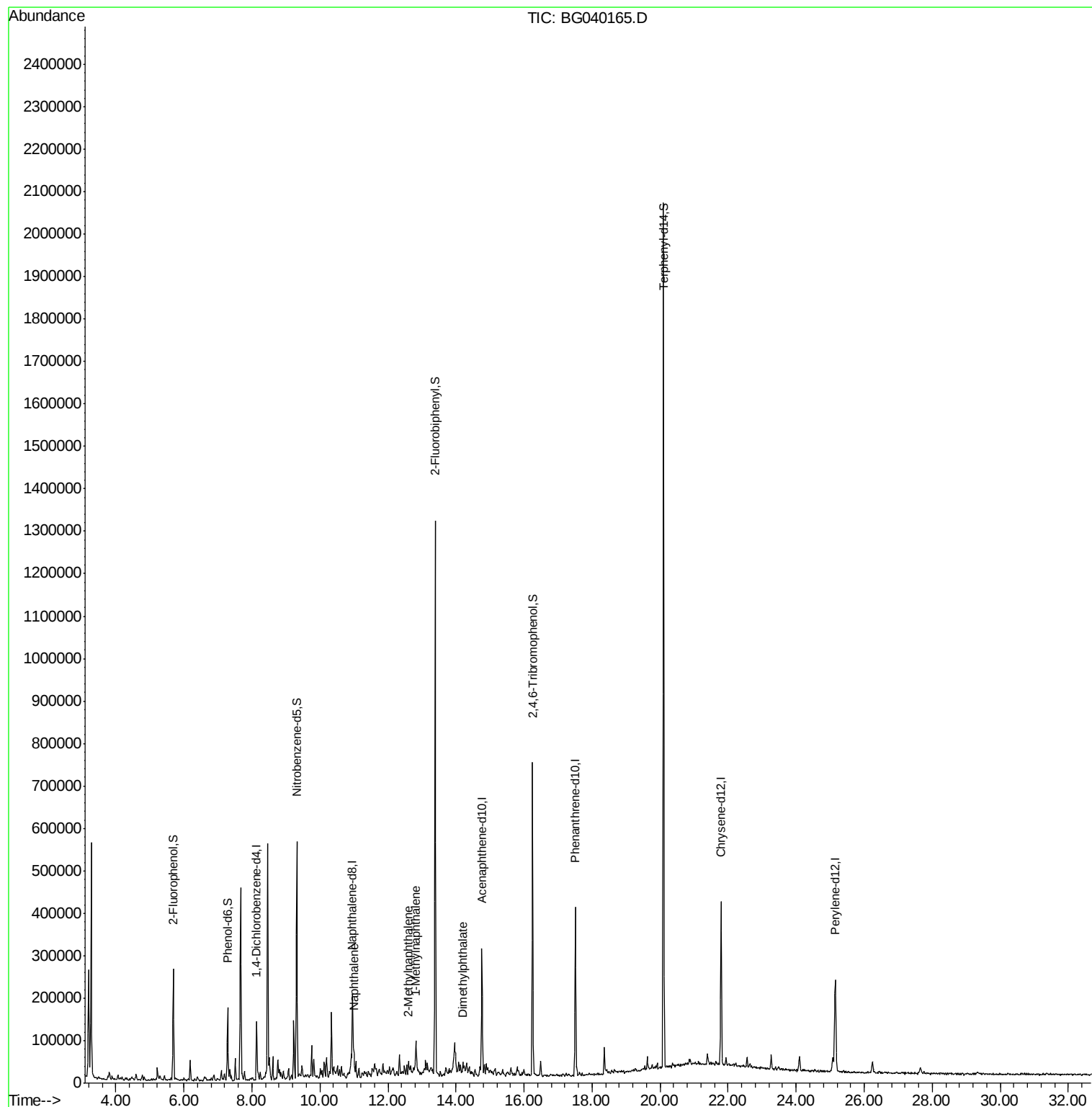
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38042	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	152546	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	104723	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	244636	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	246884	20.00	ng	-0.03
87) Perylene-d12	25.14	264	249370	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	109814	49.25	ng	-0.02
7) Phenol-d6	7.28	99	100451	30.21	ng	-0.03
23) Nitrobenzene-d5	9.32	82	294340	104.36	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	131068	107.38	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	686381	93.32	ng	-0.03
79) Terphenyl-d14	20.10	244	953832	85.07	ng	-0.02
Target Compounds						
31) Naphthalene	11.01	128	16262	2.013	ng	# 93
37) 2-Methylnaphthalene	12.60	142	15941	2.640	ng	# 93
38) 1-Methylnaphthalene	12.82	142	20511	3.495	ng	# 96
50) Dimethylphthalate	14.20	163	17793	2.032	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-B

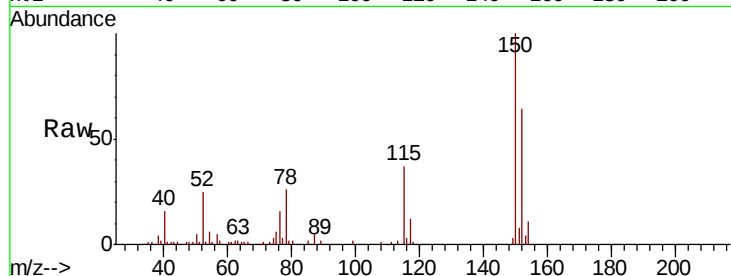
Tot Ion:152 Resp: 38042

Ion Ratio Lower Upper

152 100

150 156.6 123.7 185.5

115 58.3 45.9 68.9

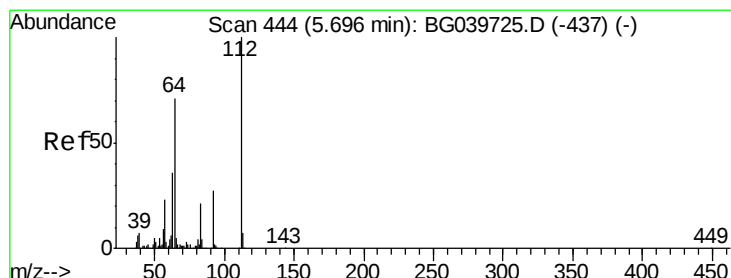
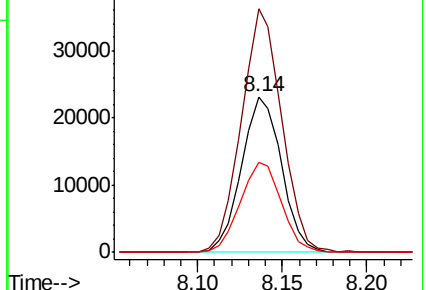
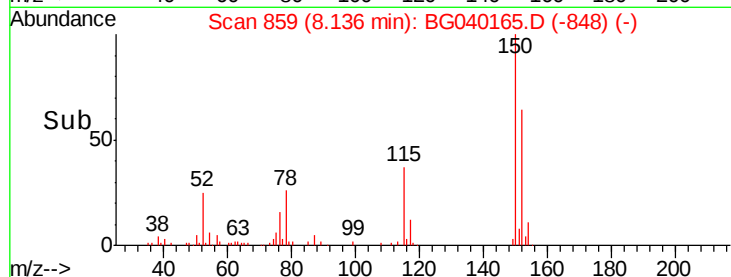


Abundance

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: 49.247 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

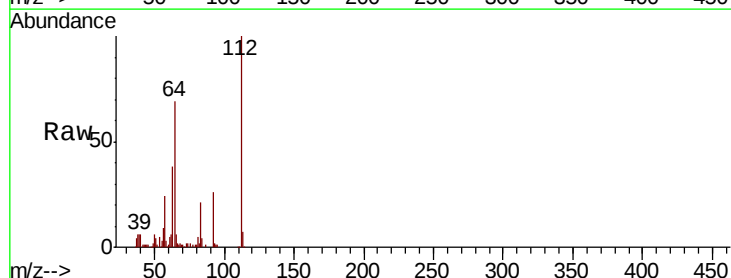
Tgt Ion:112 Resp: 109814

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

63 37.8 29.8 44.6

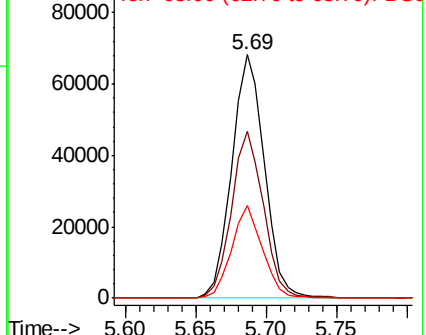
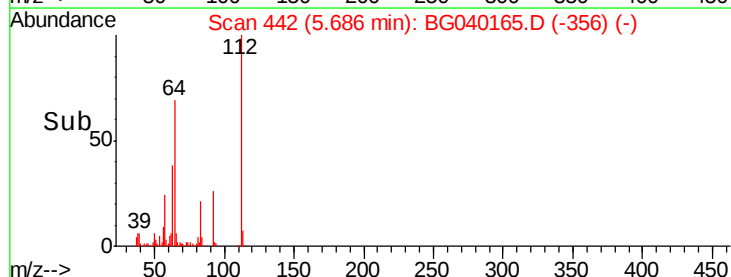


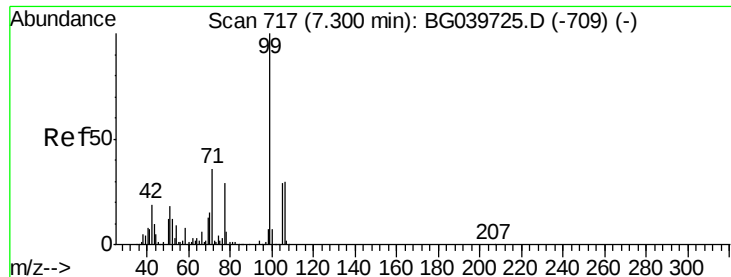
Abundance

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: 30.212 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-B

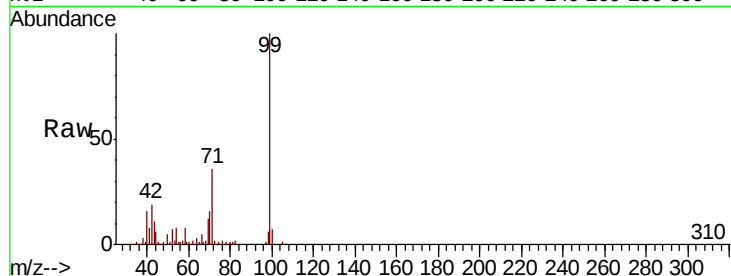
Tot Ion: 99 Resp: 100451

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

71 36.4 28.0 42.0

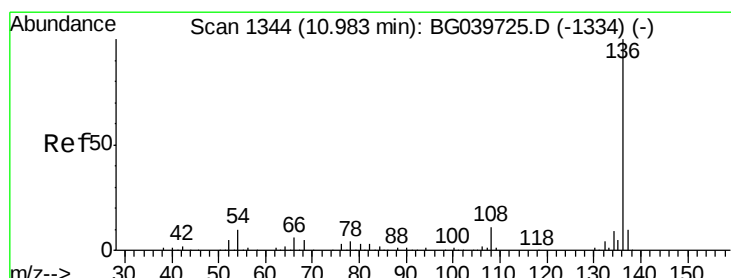
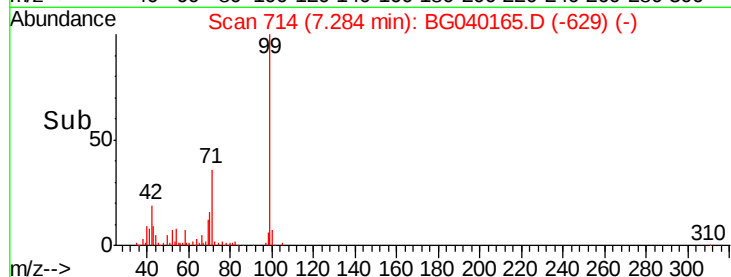
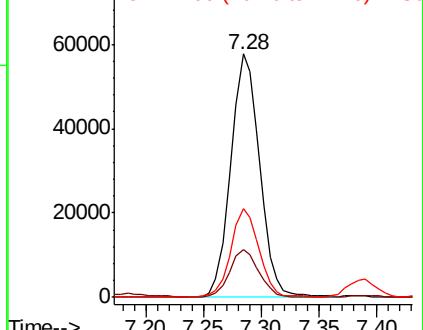


Abundance

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: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Tgt Ion: 136 Resp: 152546

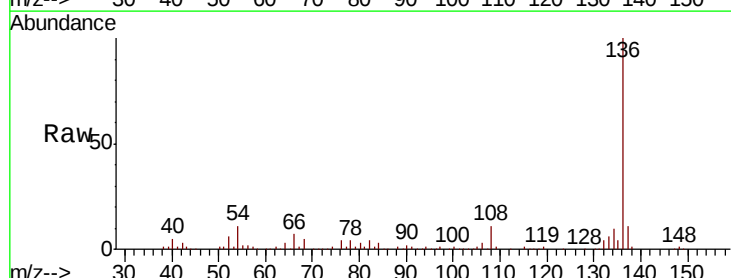
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.9 9.4 14.2

68 5.1 4.2 6.4



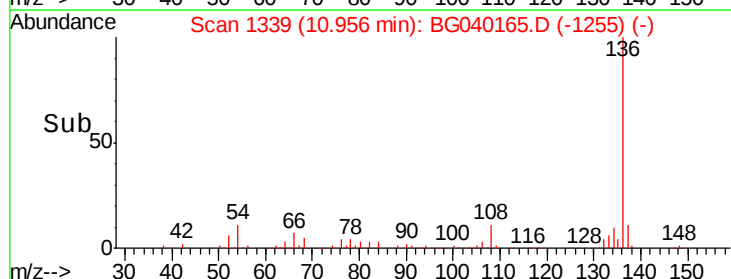
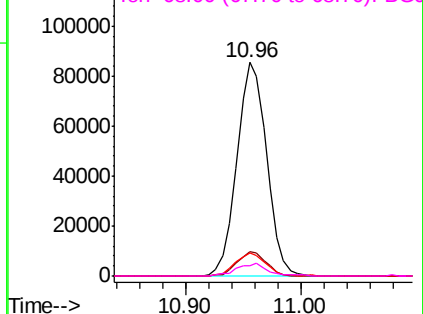
Abundance

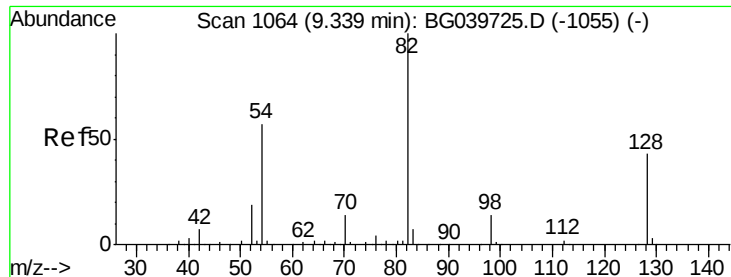
Ion 136.00 (135.70 to 136.70): BGC

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

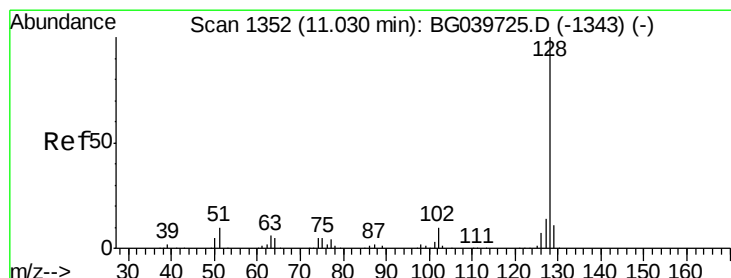
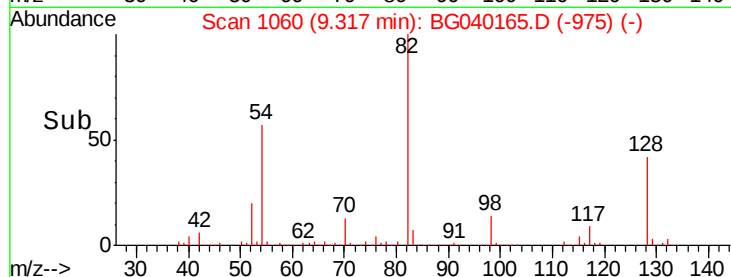
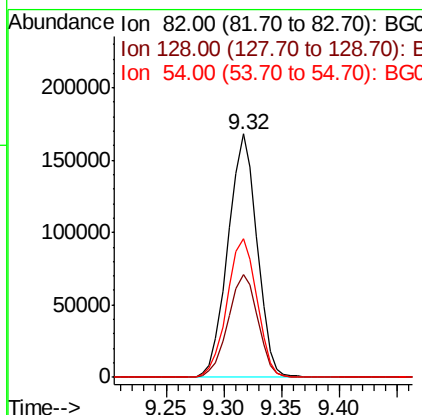
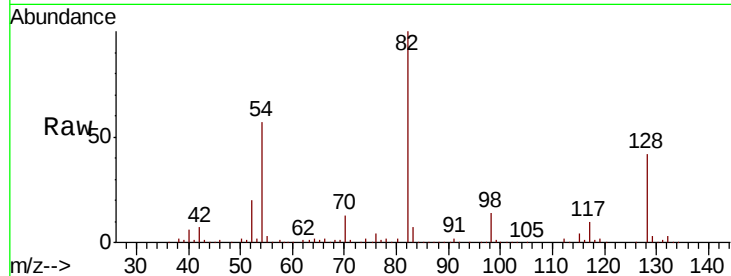




#23
Nitrobenzene-d5
Concen: 104.356 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040165.D
Acq: 27 Mar 2019 3:00

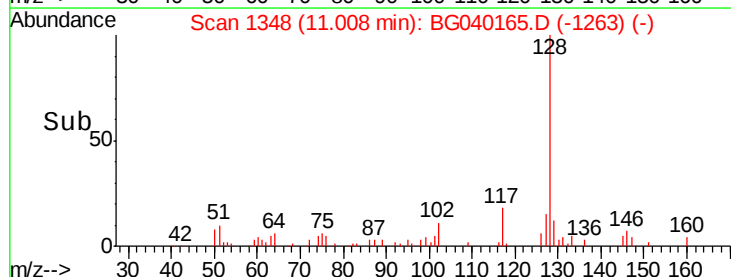
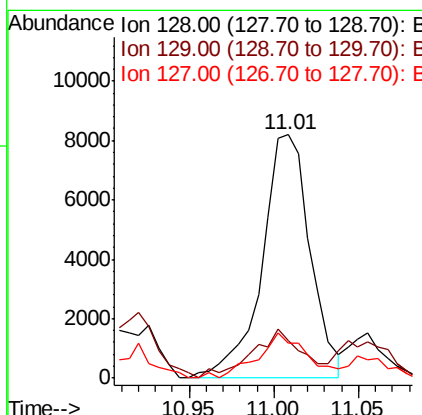
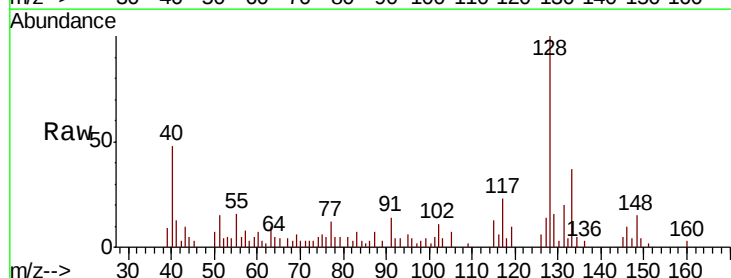
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

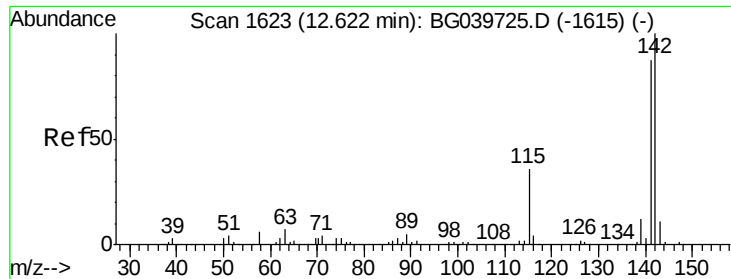
Tot Ion: 82 Resp: 294340
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 57.1 50.9 76.3



#31
Naphthalene
Concen: 2.013 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040165.D
Acq: 27 Mar 2019 3:00

Tgt Ion: 128 Resp: 16262
Ion Ratio Lower Upper
128 100
129 15.7 8.7 13.1#
127 14.3 10.8 16.2

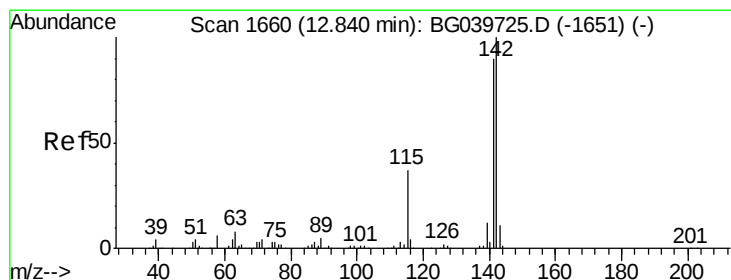
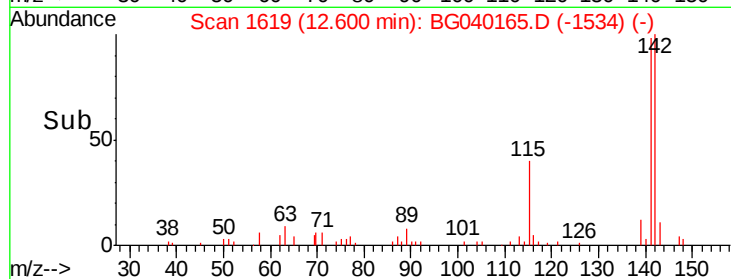
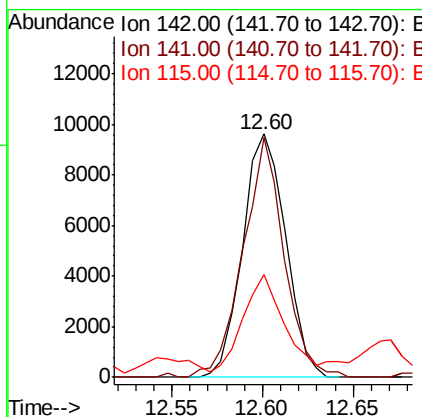
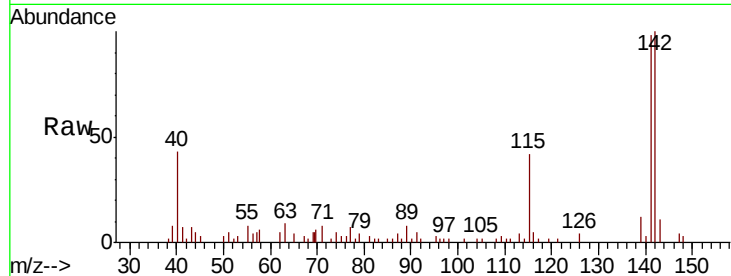




#37
 2-Methylnaphthalene
 Concen: 2.640 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BG040165.D
 Acq: 27 Mar 2019 3:00

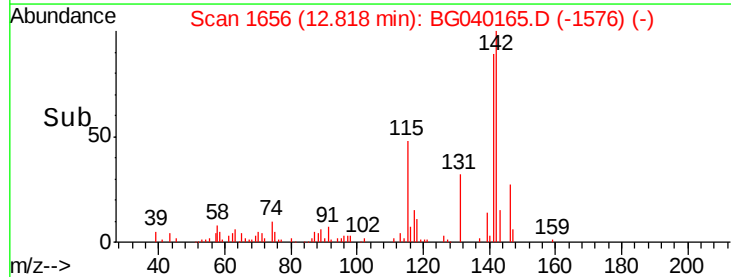
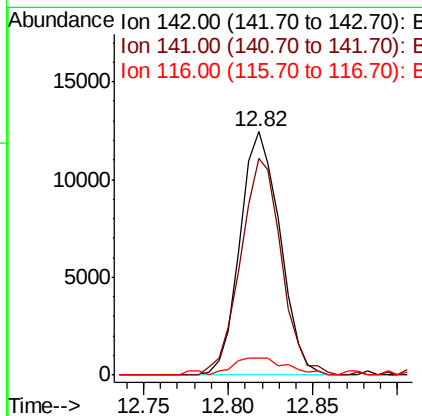
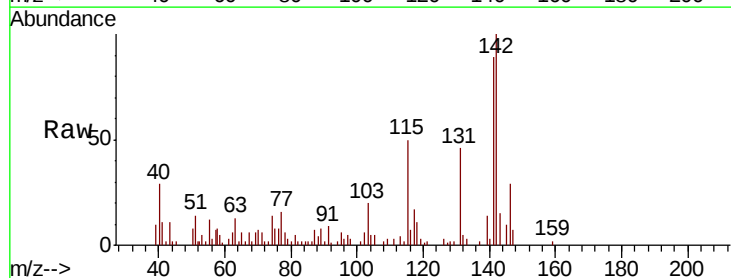
Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-B

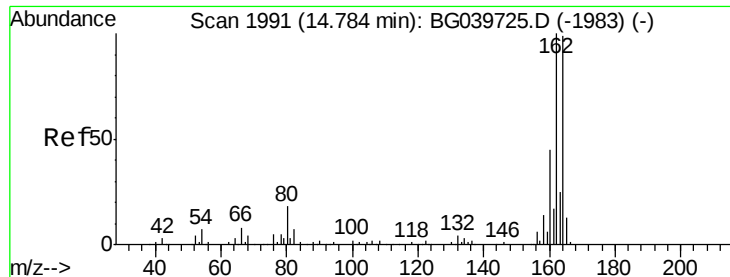
Tot Ion:142 Resp: 15941
 Ion Ratio Lower Upper
 142 100
 141 98.5 73.5 110.3
 115 42.4 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 3.495 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BG040165.D
 Acq: 27 Mar 2019 3:00

Tgt Ion:142 Resp: 20511
 Ion Ratio Lower Upper
 142 100
 141 88.8 74.2 111.4
 116 7.3 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-B

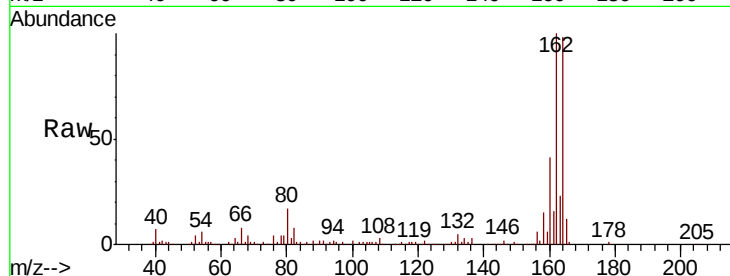
Tot Ion:164 Resp: 104723

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

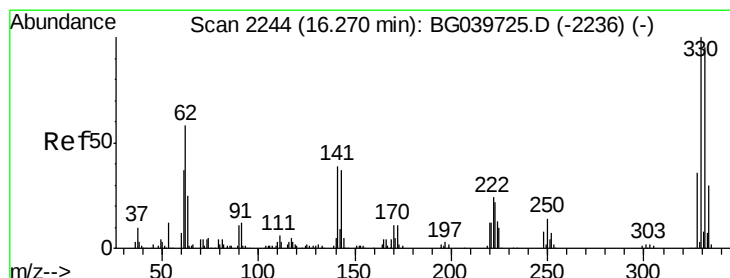
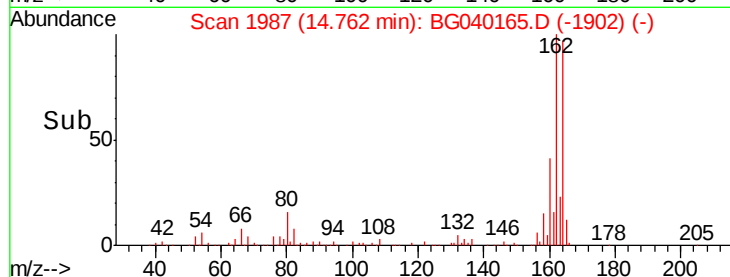
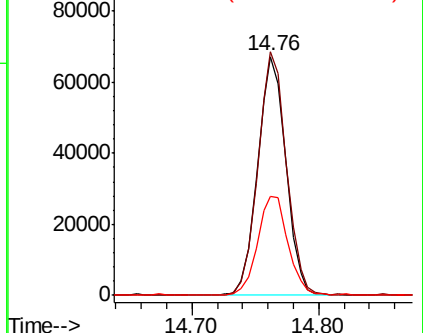
160 41.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 107.378 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

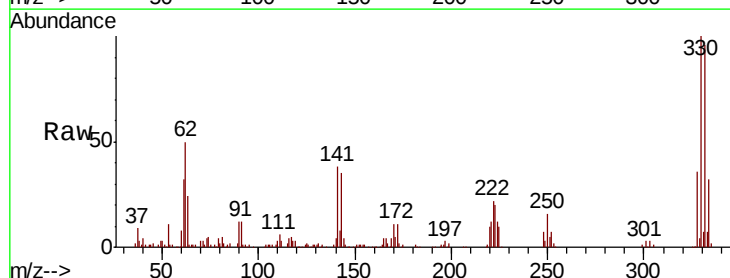
Tgt Ion:330 Resp: 131068

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

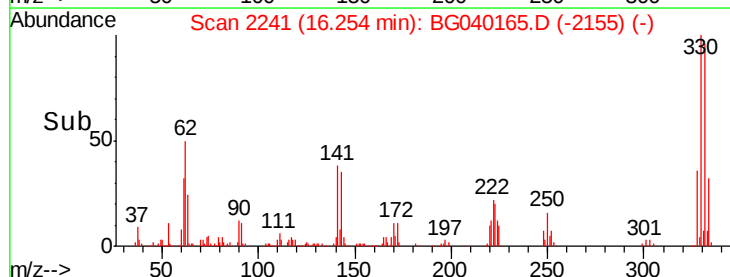
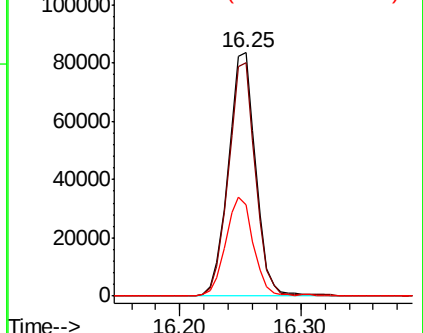
141 41.3 35.6 53.4

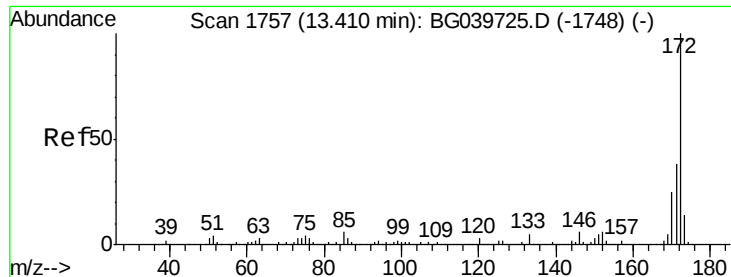


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

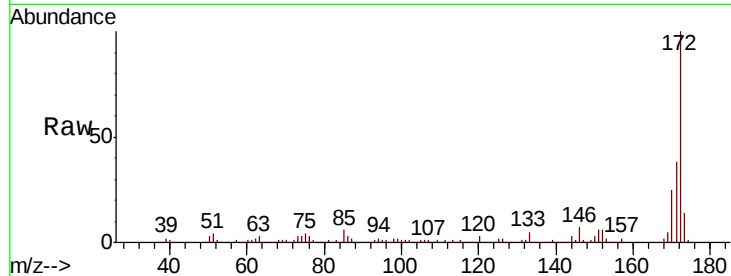




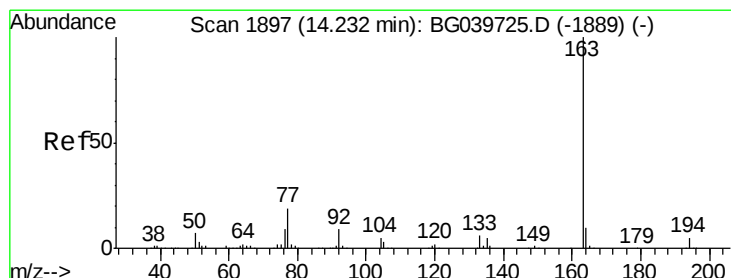
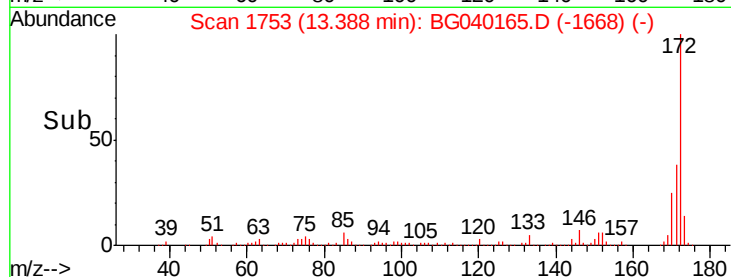
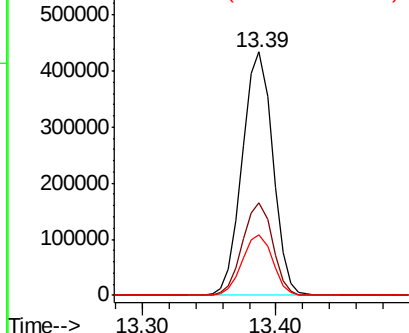
#45
2-Fluorobiphenyl
Concen: 93.321 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040165.D
Acq: 27 Mar 2019 3:00

Instrument :
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SHORE-RD-CLVRT-STLD-3H-B

Tot Ion:172 Resp: 686381
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.1 20.2 30.4

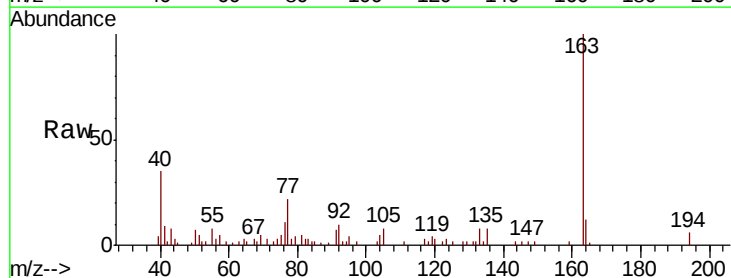


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

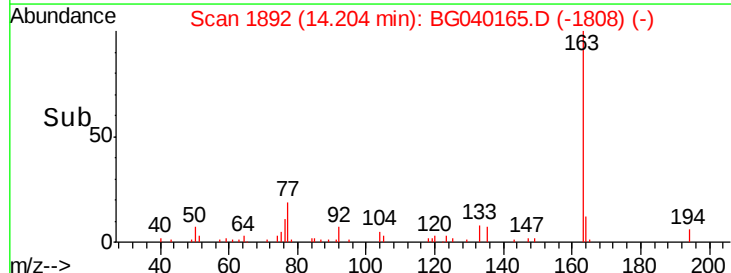
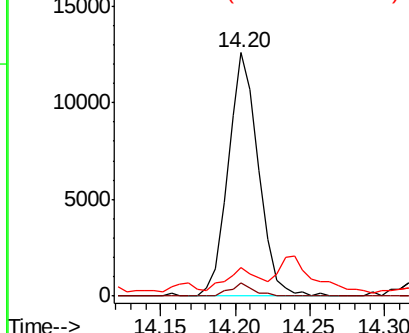


#50
Dimethylphthalate
Concen: 2.032 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040165.D
Acq: 27 Mar 2019 3:00

Tgt Ion:163 Resp: 17793
Ion Ratio Lower Upper
163 100
194 5.7 3.6 5.4#
164 11.9 8.4 12.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-B

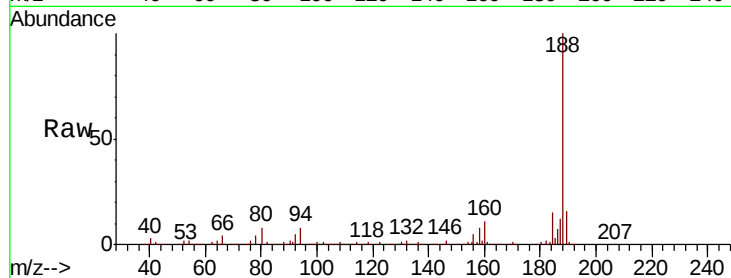
Tot Ion:188 Resp: 244636

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

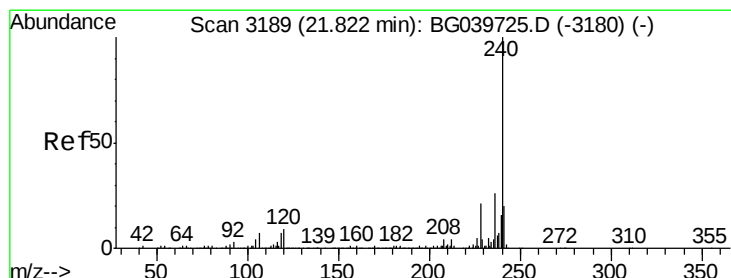
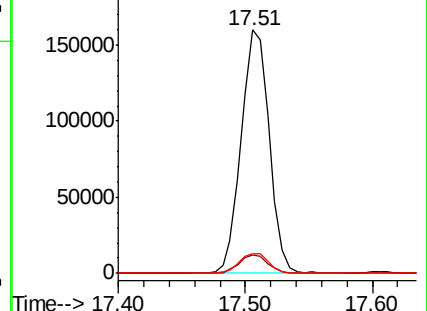
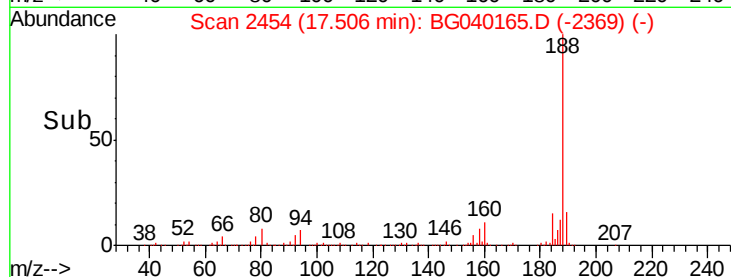
80 8.3 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

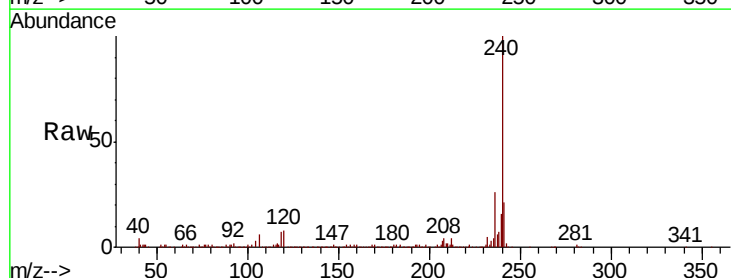
Tgt Ion:240 Resp: 246884

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

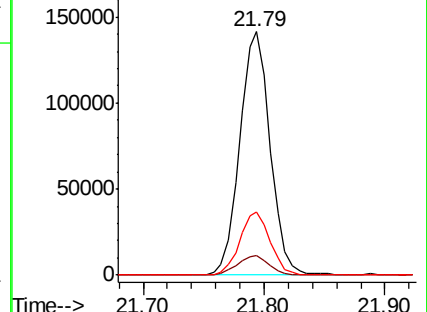
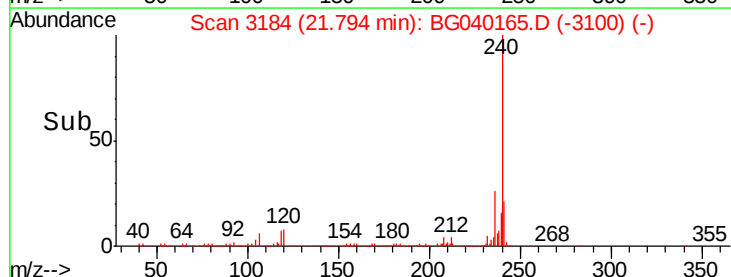
236 25.8 21.0 31.4

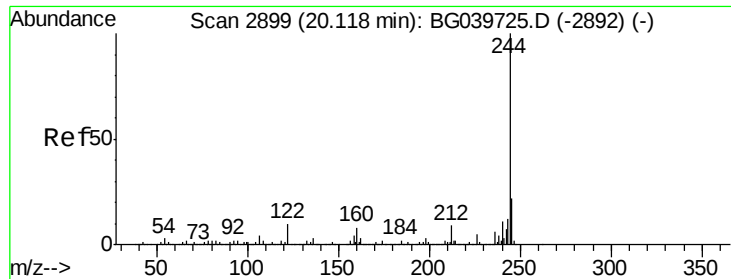


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.066 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-B

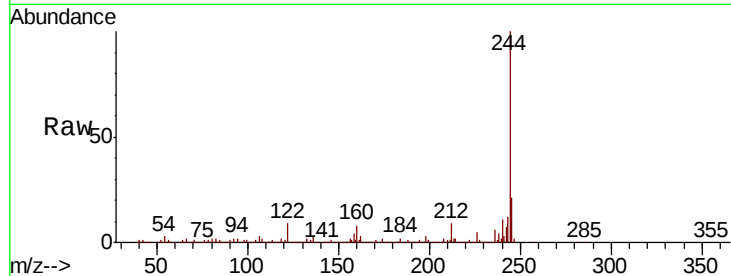
Tot Ion:244 Resp: 953832

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

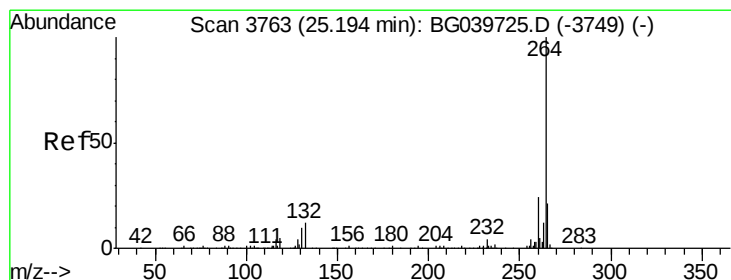
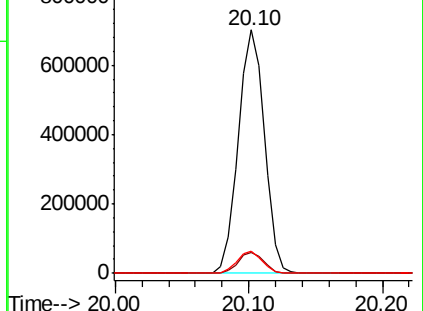
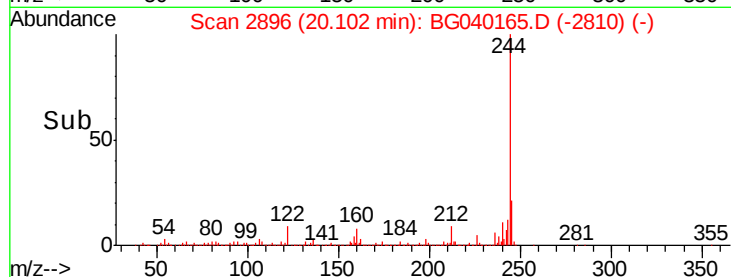
122 9.0 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040165.D

Acq: 27 Mar 2019 3:00

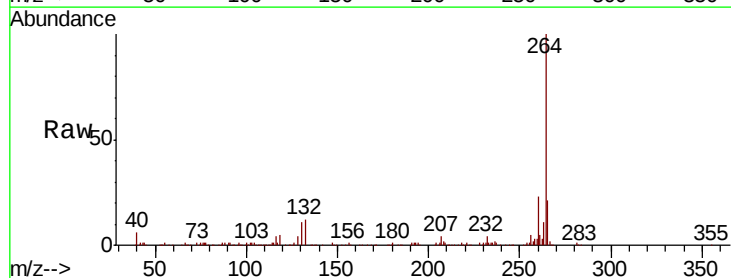
Tgt Ion:264 Resp: 249370

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.4 18.5 27.7



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

