

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039932.D
 Acq On : 14 Mar 2019 19:41
 Operator : JU/SJ
 Sample : K1894-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Mar 15 08:32:42 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	41521	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	177421	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	121716	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	292040	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	301161	20.00	ng	-0.03
87) Perylene-d12	25.16	264	305129	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167426	68.79	ng	-0.02
7) Phenol-d6	7.29	99	155184	42.76	ng	-0.03
23) Nitrobenzene-d5	9.33	82	327800	99.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	212979	150.12	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	791646	92.61	ng	-0.02
79) Terphenyl-d14	20.11	244	1208643	88.36	ng	-0.01

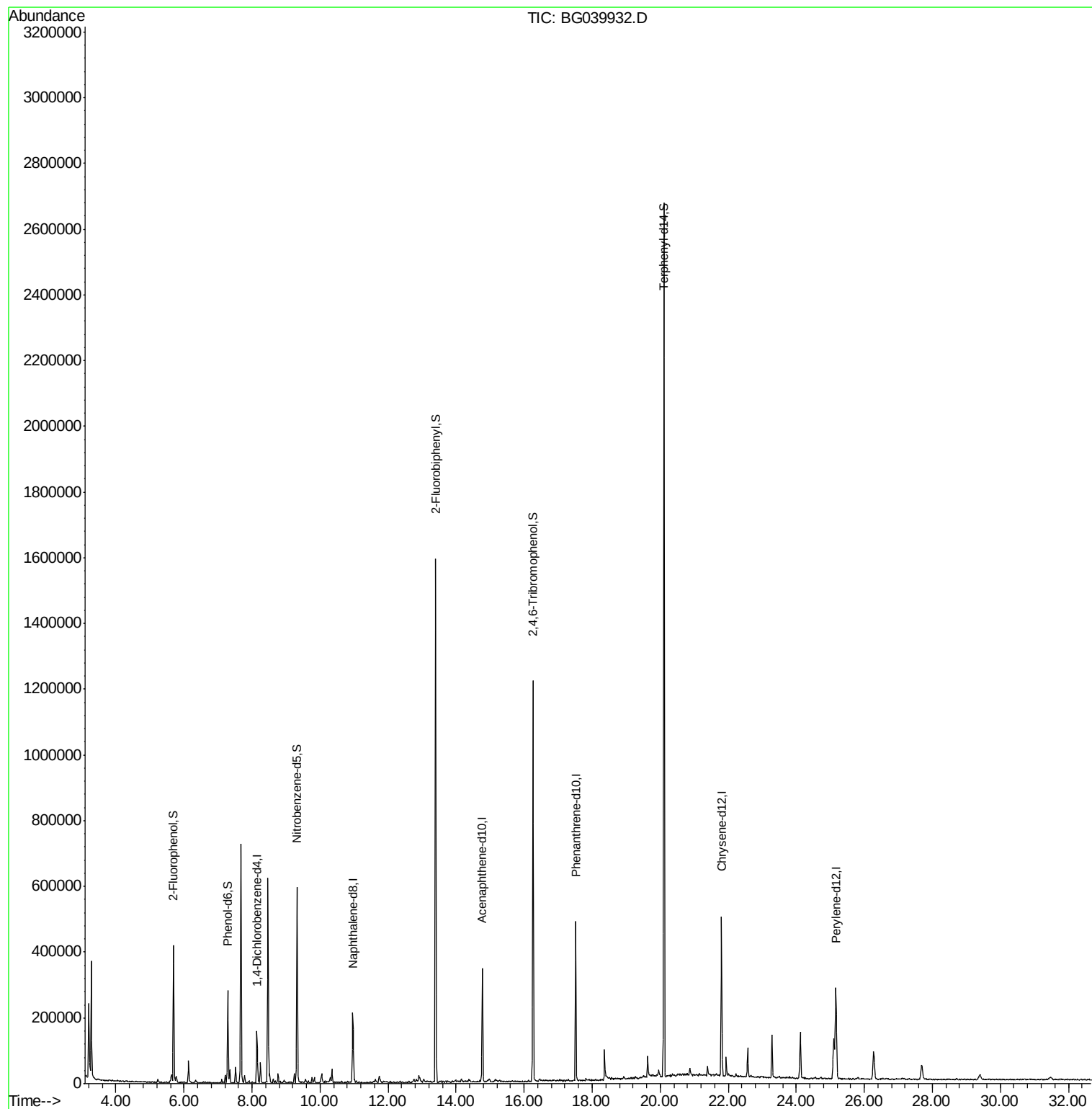
Target Compounds Qvalue

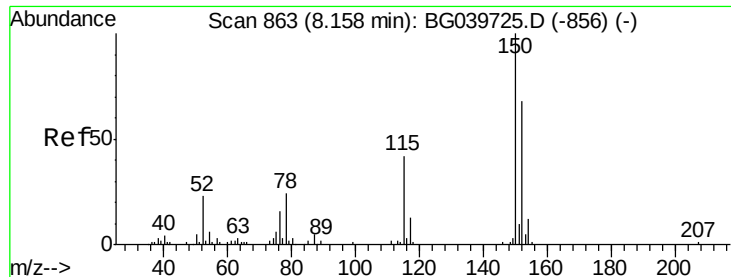
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039932.D
Acq On : 14 Mar 2019 19:41
Operator : JU/SJ
Sample : K1894-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW13-GW

Quant Time: Mar 15 08:32:42 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



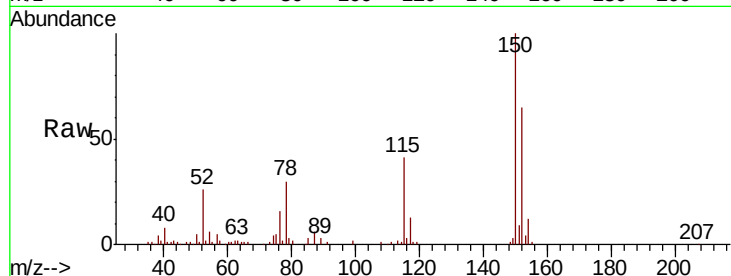


#1

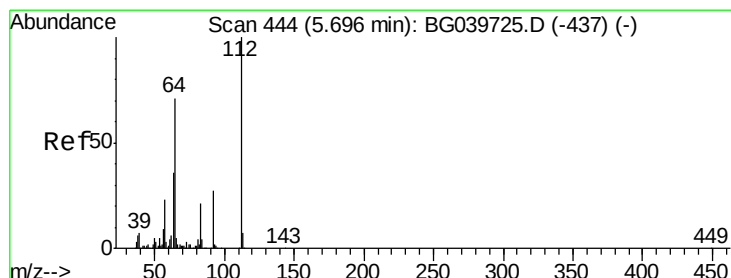
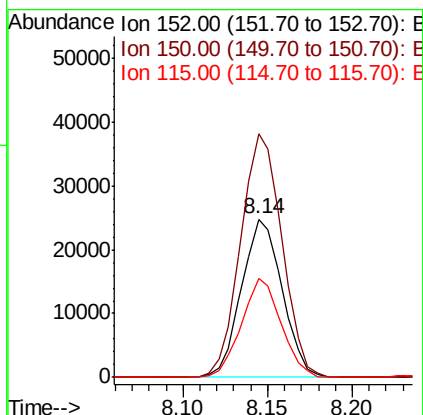
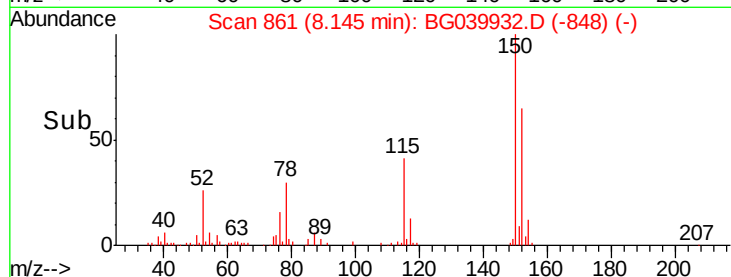
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039932.D
Acq: 14 Mar 2019 19:41

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion:152 Resp: 41521
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 62.7 45.9 68.9



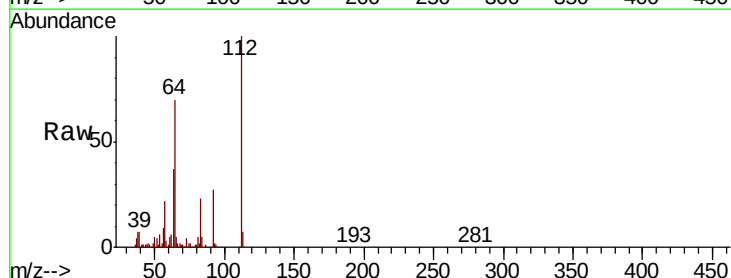
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



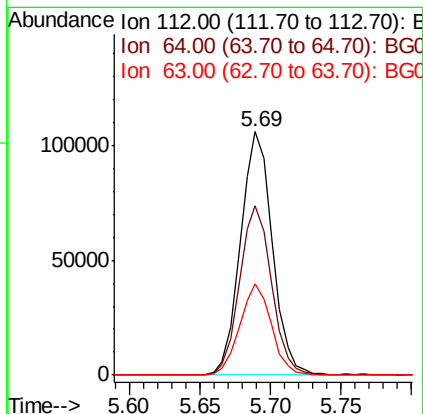
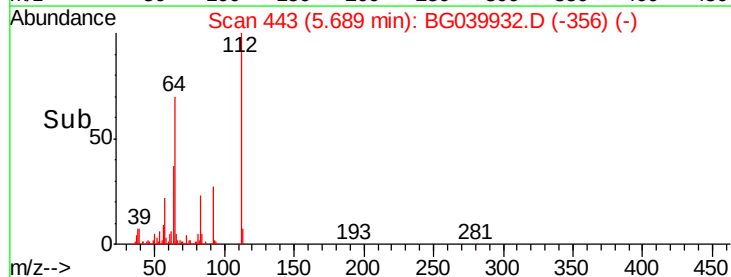
#5

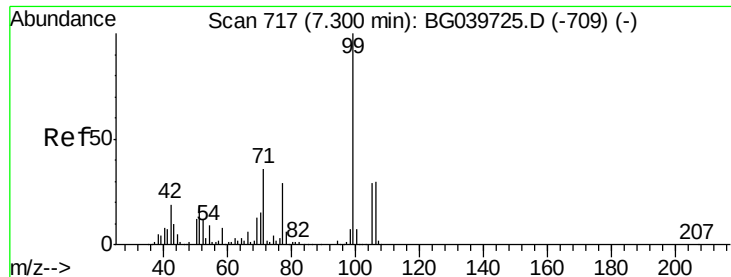
2-Fluorophenol
Concen: 68.792 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039932.D
Acq: 14 Mar 2019 19:41

Tgt Ion:112 Resp: 167426
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.8
63 37.3 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: 42.763 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW13-GW

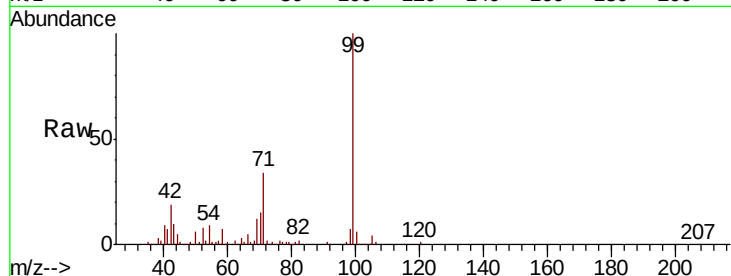
Tot Ion: 99 Resp: 155184

Ion Ratio Lower Upper

99 100

42 19.5 18.2 27.2

71 33.9 28.0 42.0

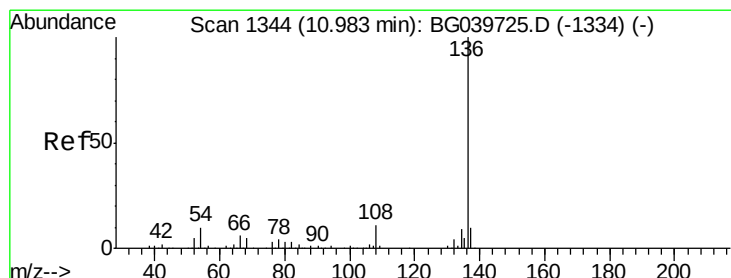
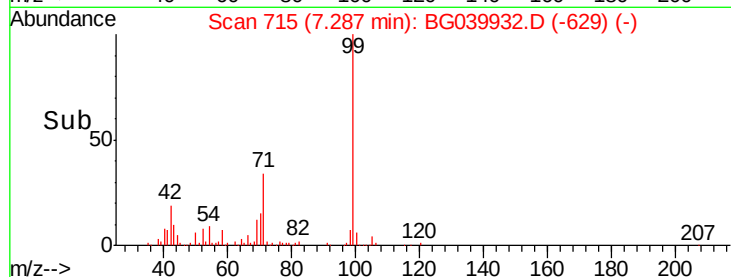
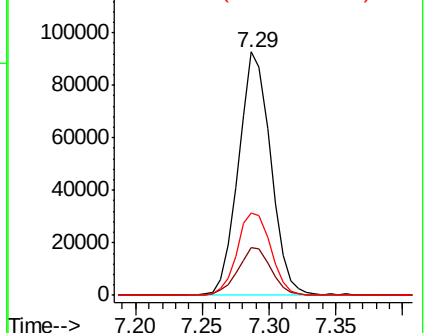


Abundance

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# 1341

Delta R.T. -0.03 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

Tgt Ion: 136 Resp: 177421

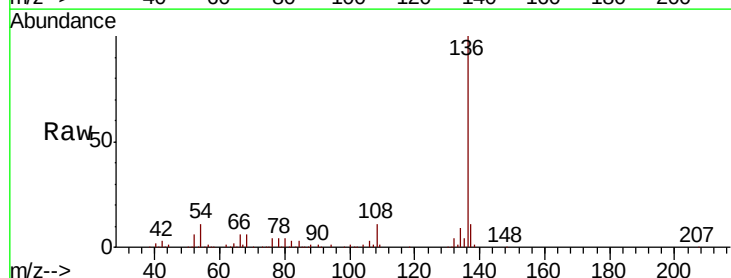
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.3 9.4 14.2

68 6.1 4.2 6.4



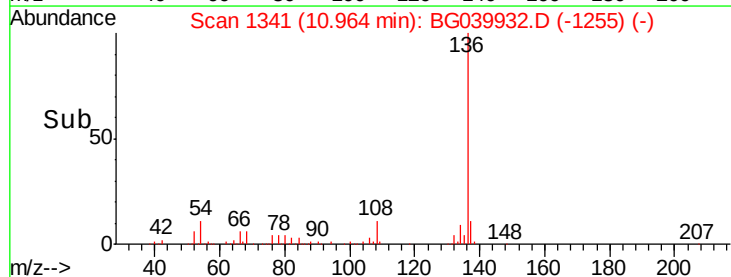
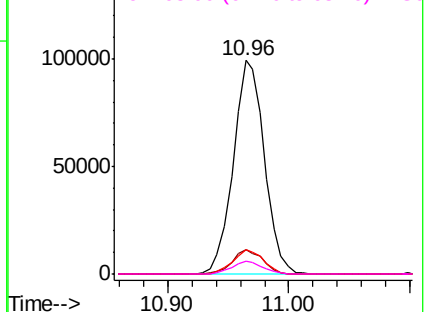
Abundance

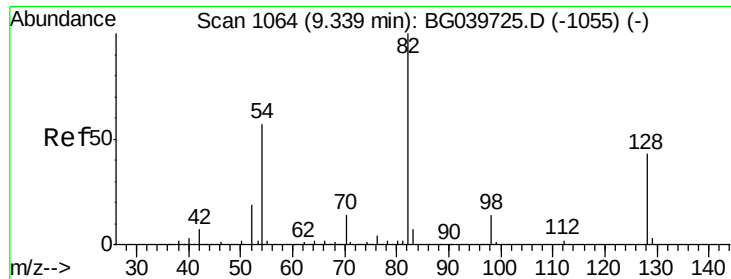
Ion 136.00 (135.70 to 136.70): BGC

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

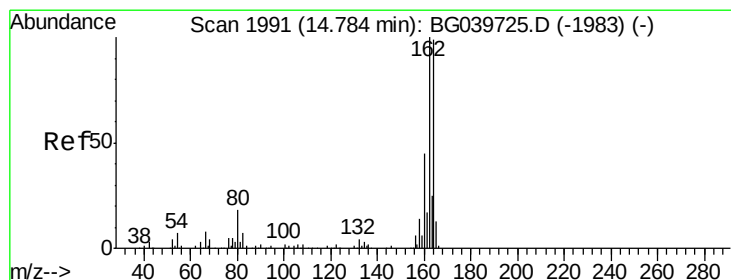
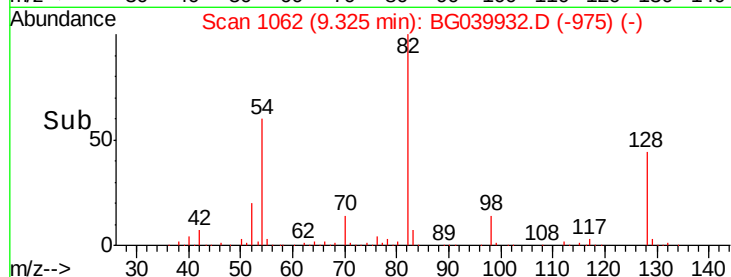
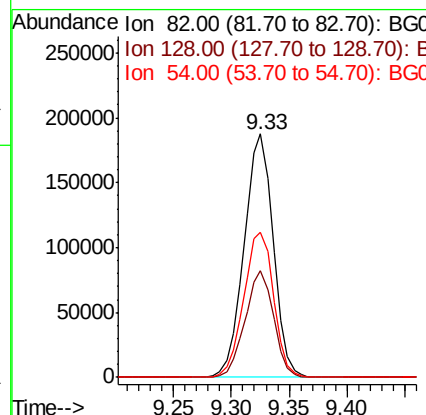
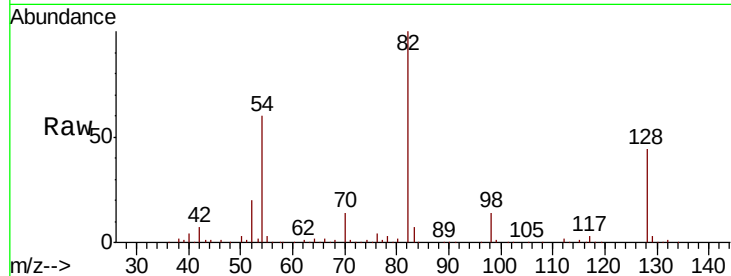




#23
 Nitrobenzene-d5
 Concen: 99.925 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039932.D
 Acq: 14 Mar 2019 19:41

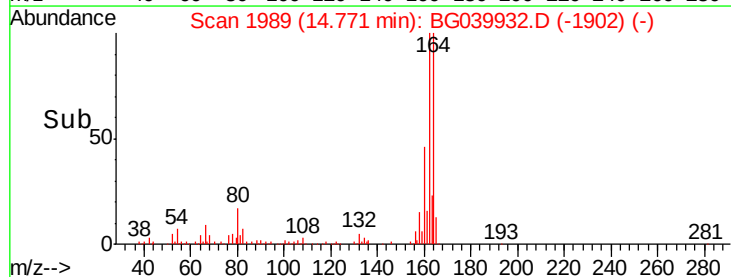
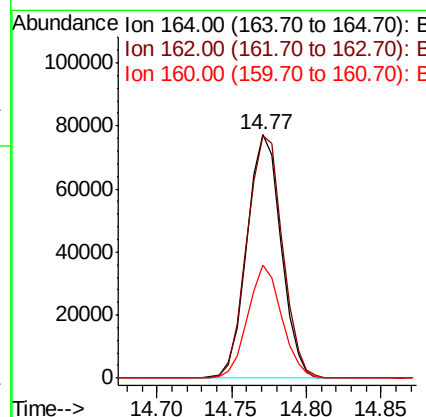
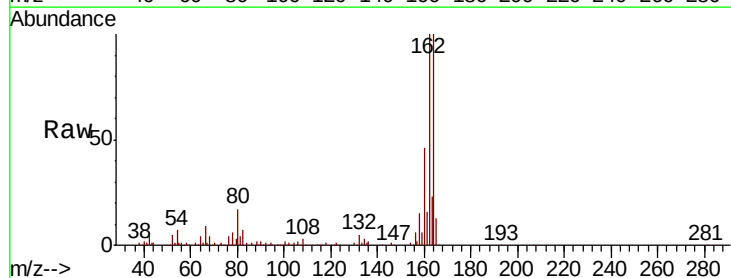
Instrument :
 BNA_G
 ClientSampleId :
 RFK-RMAB-MW13-GW

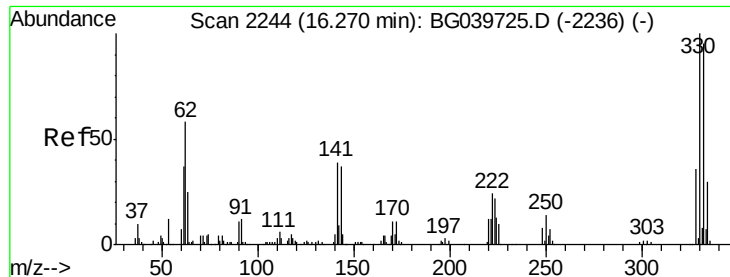
Tot Ion	82.00	Resp	327800
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.3	46.9
54	59.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039932.D
 Acq: 14 Mar 2019 19:41

Tgt Ion	164	Resp	121716
Ion Ratio	Lower	Upper	
164	100		
162	99.8	81.6	122.4
160	46.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 150.124 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW13-GW

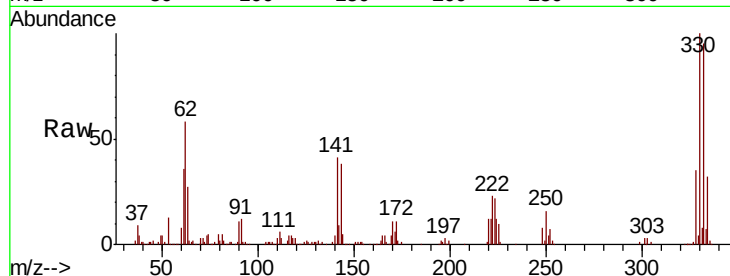
Tot Ion:330 Resp: 212979

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

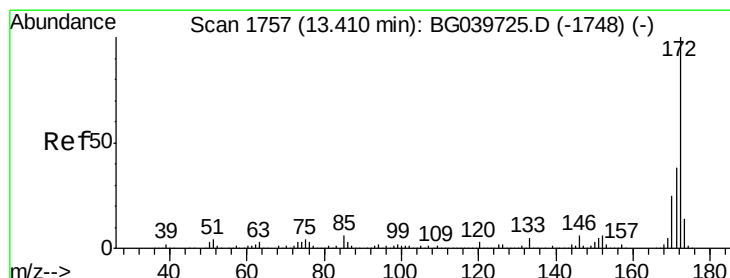
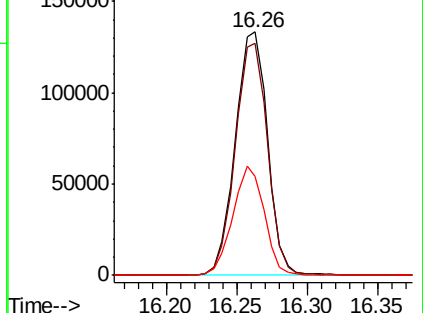
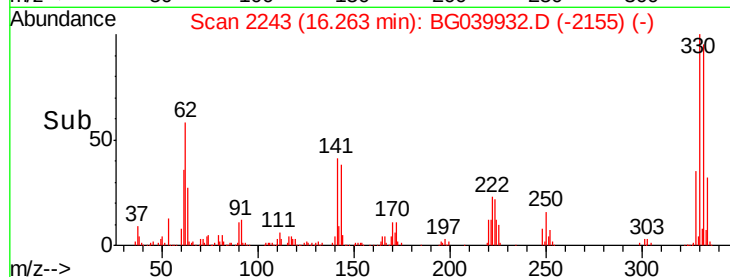
141 43.7 35.6 53.4



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: 92.606 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

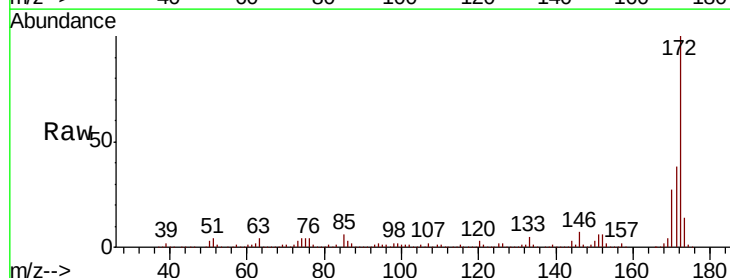
Tgt Ion:172 Resp: 791646

Ion Ratio Lower Upper

172 100

171 38.2 30.8 46.2

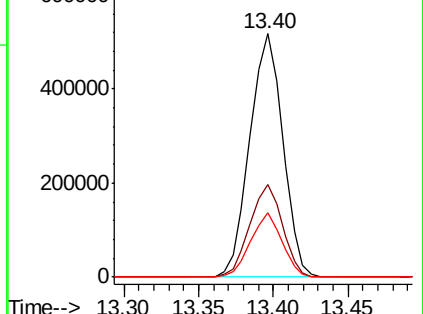
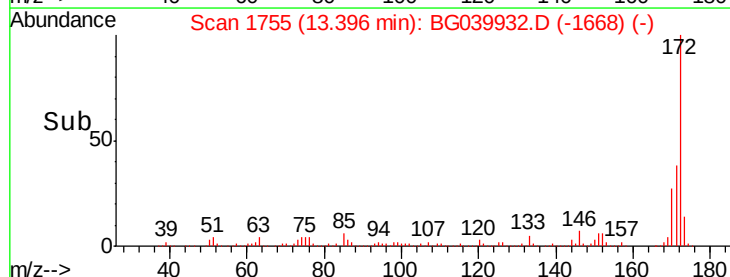
170 26.5 20.2 30.4

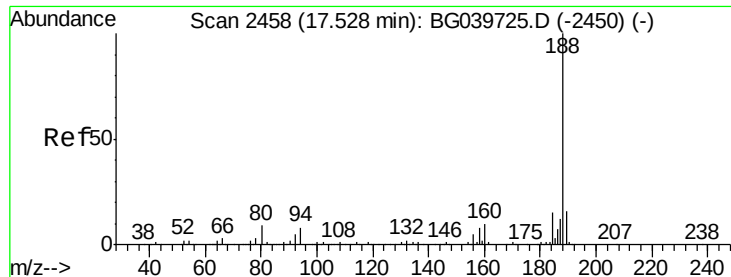


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

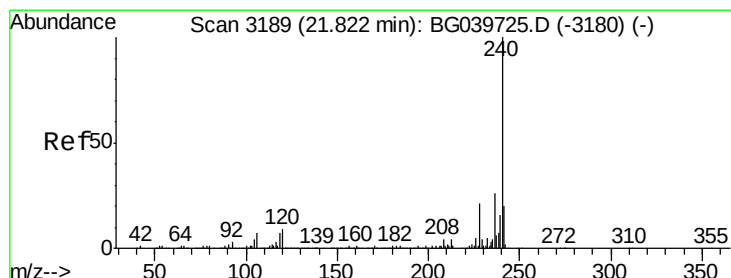
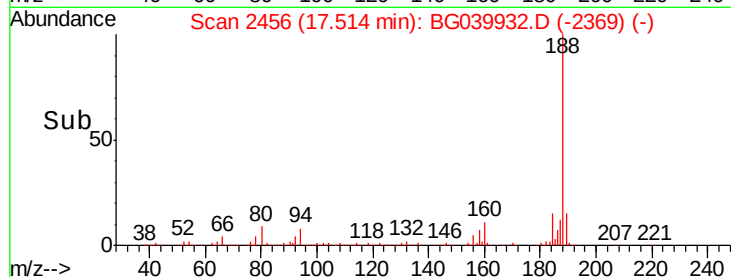
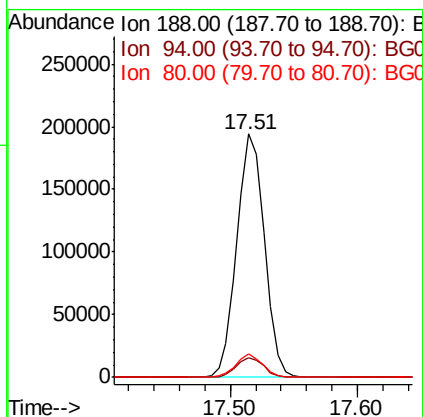
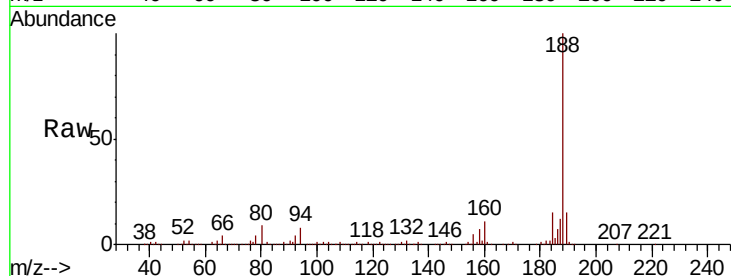




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039932.D
Acq: 14 Mar 2019 19:41

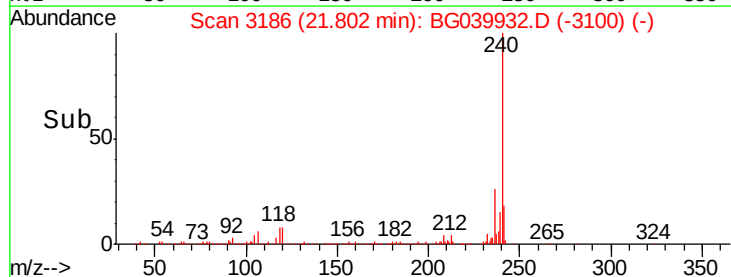
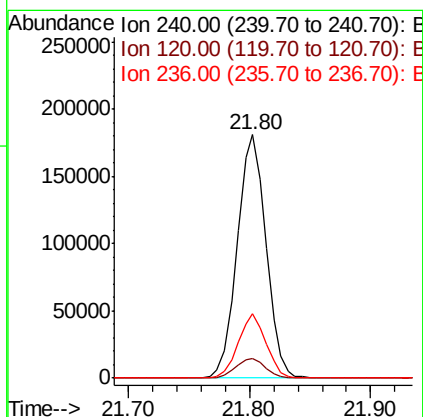
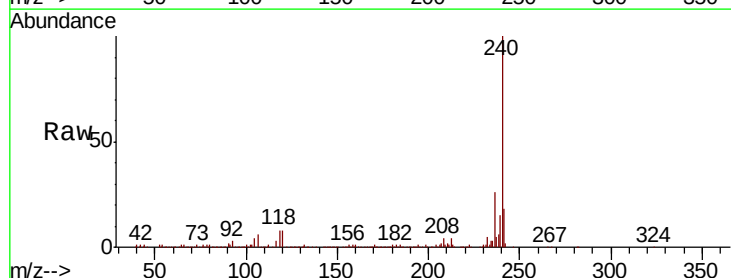
Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW13-GW

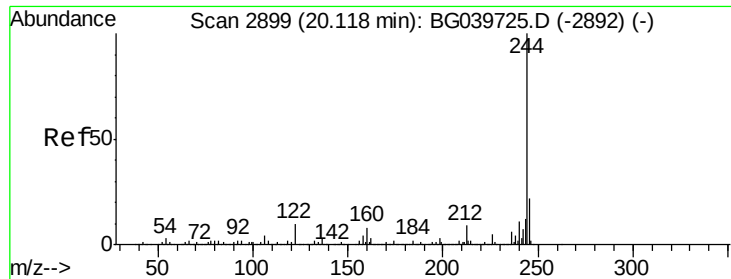
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.5	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039932.D
Acq: 14 Mar 2019 19:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	26.4	21.0	31.4





#79

Terphenyl-d14

Concen: 88.365 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW13-GW

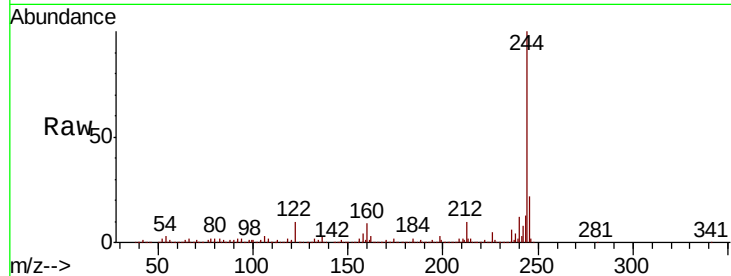
Tot Ion:244 Resp: 1208643

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

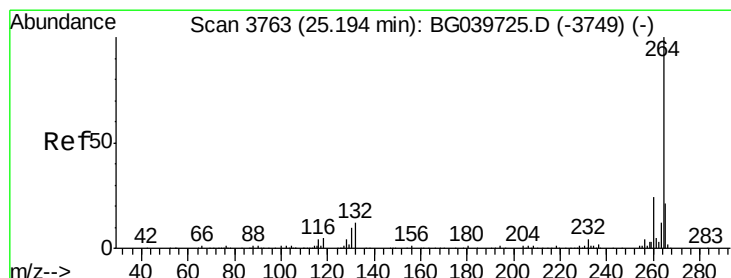
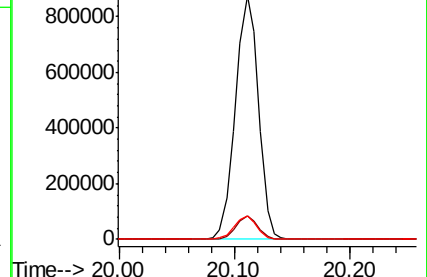
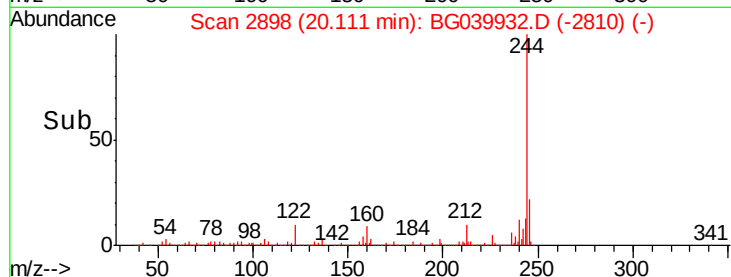
122 9.6 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039932.D

Acq: 14 Mar 2019 19:41

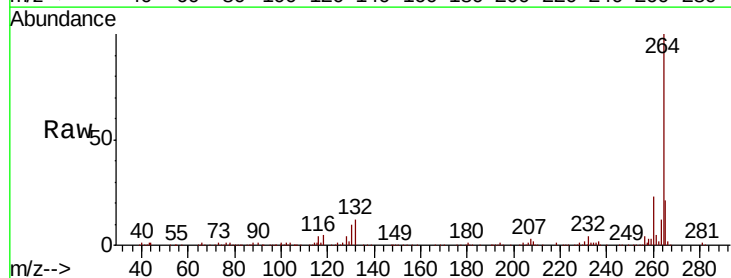
Tgt Ion:264 Resp: 305129

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.9 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

