

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039931.D
 Acq On : 14 Mar 2019 19:01
 Operator : JU/SJ
 Sample : K1894-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RFK-RMAB-MW11-GW

Quant Time: Mar 15 08:31:20 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	8.15	152	44699	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189387	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	128684	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	322411	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	324016	20.00	ng	-0.03
87) Perylene-d12	25.17	264	327714	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	190643	72.76	ng	-0.02
7) Phenol-d6	7.29	99	179431	45.93	ng	-0.02
23) Nitrobenzene-d5	9.32	82	346143	98.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	233275	155.53	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	856386	94.76	ng	-0.02
79) Terphenyl-d14	20.11	244	1329896	90.37	ng	-0.02

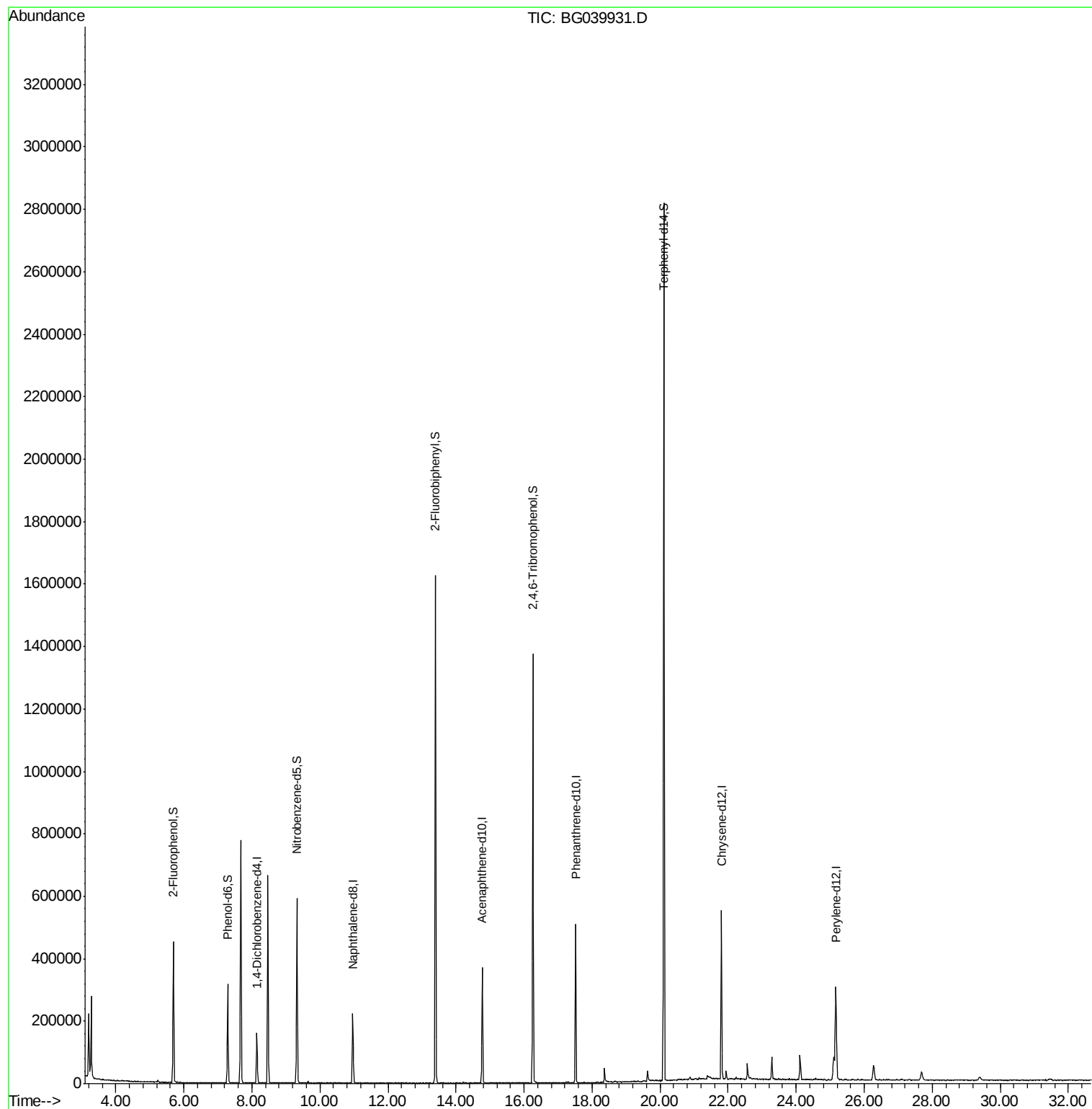
Target Compounds Qvalue

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

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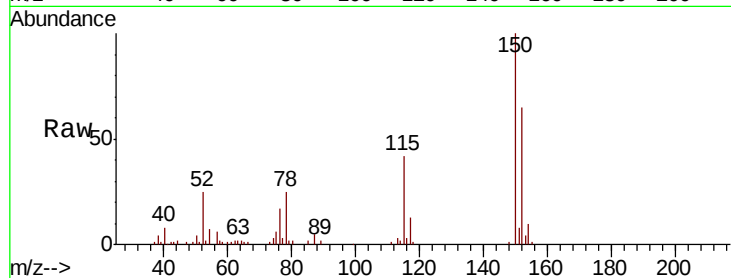


#1

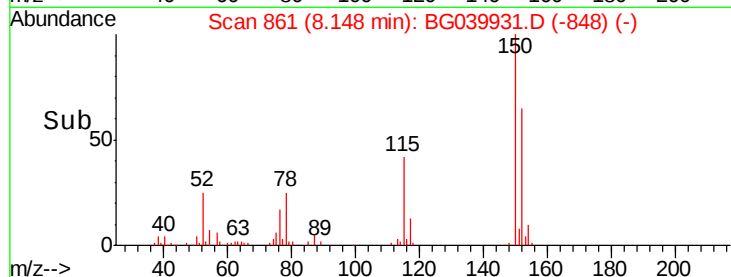
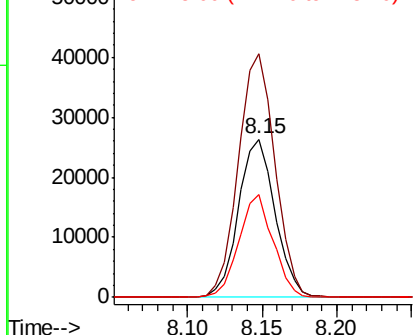
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039931.D
Acq: 14 Mar 2019 19:01

Instrument :
BNA_G
ClientSampleId :
RFK-RMAB-MW11-GW

Tot Ion:152 Resp: 44699
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 65.1 45.9 68.9



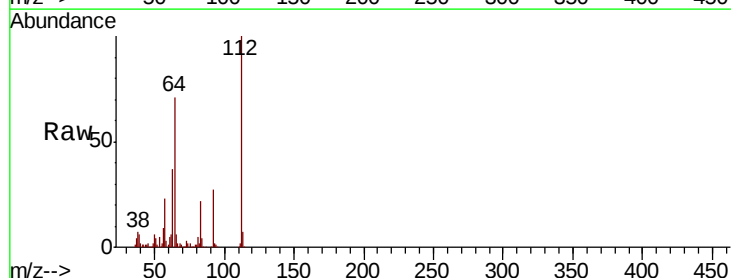
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



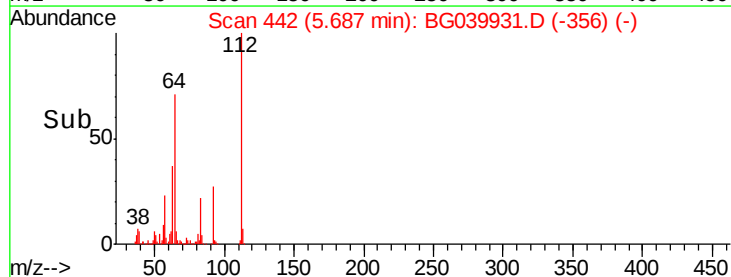
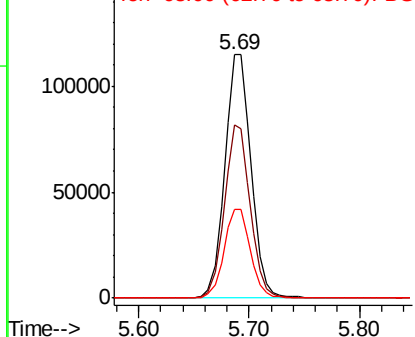
#5

2-Fluorophenol
Concen: 72.762 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG039931.D
Acq: 14 Mar 2019 19:01

Tgt Ion:112 Resp: 190643
Ion Ratio Lower Upper
112 100
64 71.0 57.8 86.8
63 36.7 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: 45.929 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW11-GW

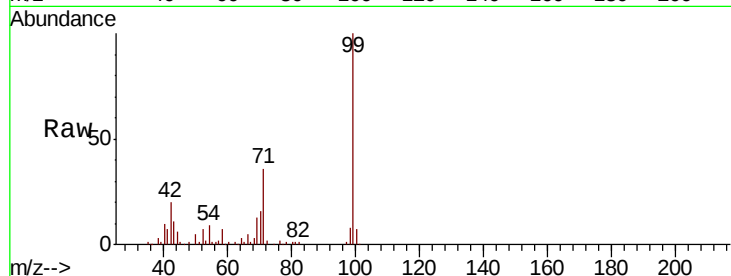
Tot Ion: 99 Resp: 179431

Ion Ratio Lower Upper

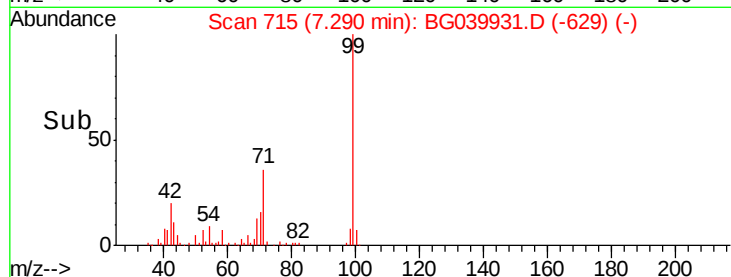
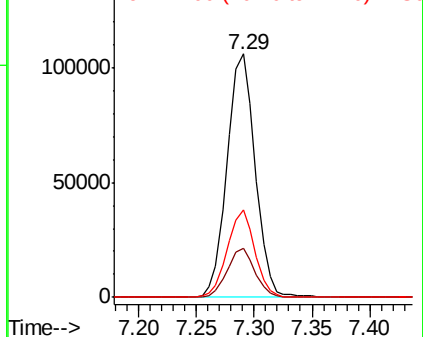
99 100

42 19.9 18.2 27.2

71 35.7 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

Tgt Ion: 136 Resp: 189387

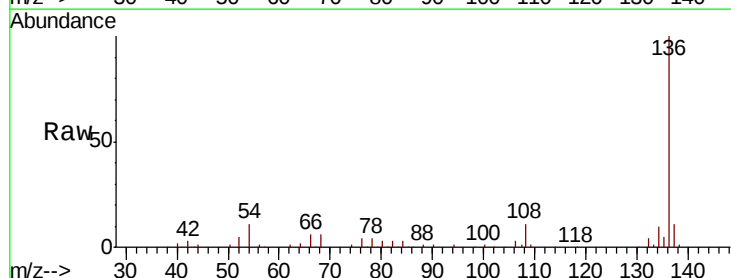
Ion Ratio Lower Upper

136 100

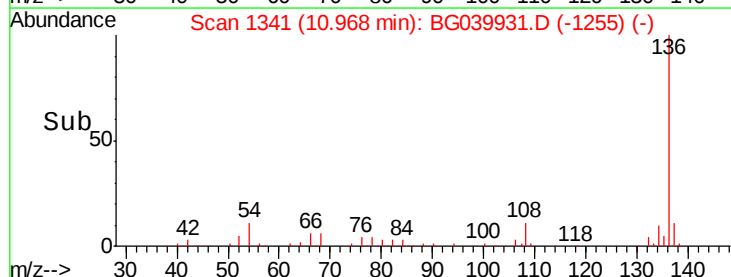
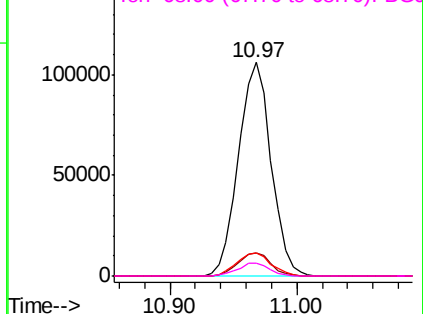
137 10.6 9.1 13.7

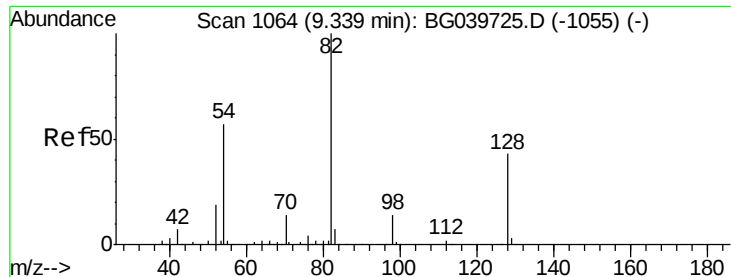
54 10.7 9.4 14.2

68 5.9 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

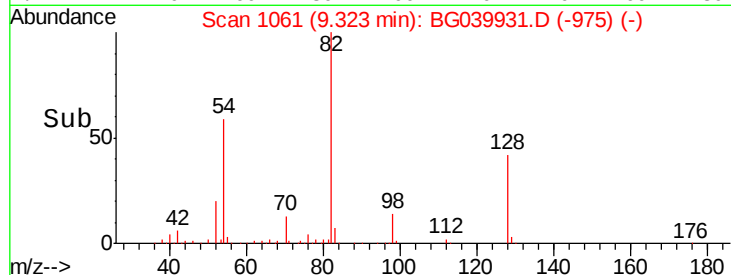
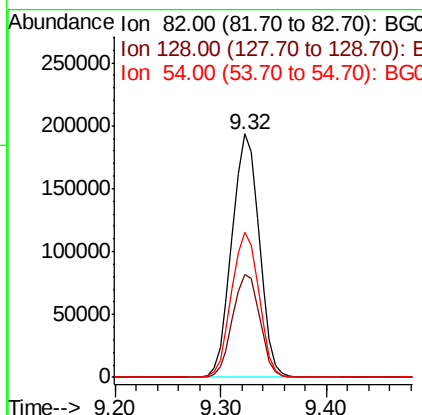
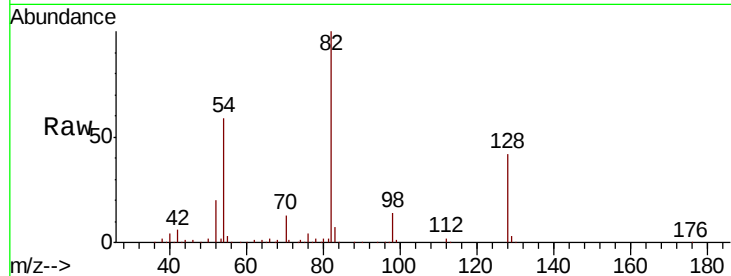




#23
 Nitrobenzene-d5
 Concen: 98.850 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039931.D
 Acq: 14 Mar 2019 19:01

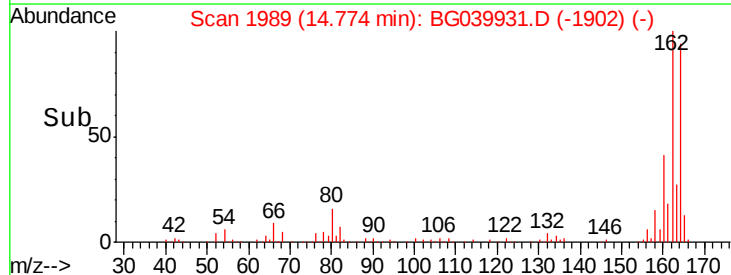
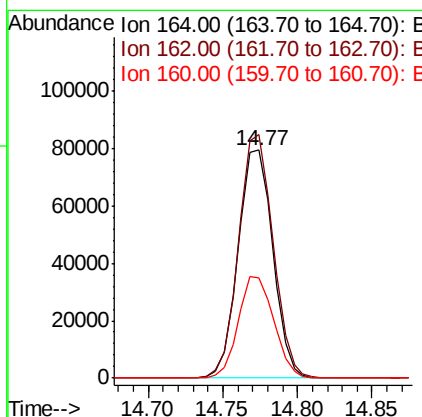
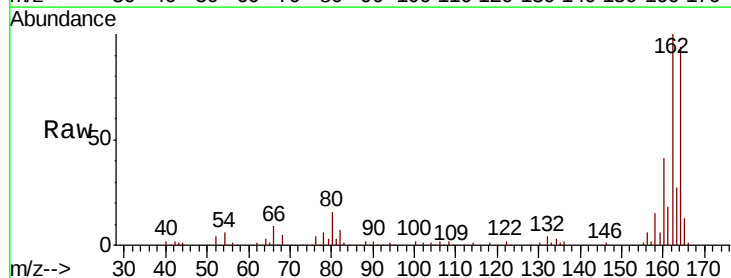
Instrument :
 BNA_G
 ClientSampleId :
 RFK-RMAB-MW11-GW

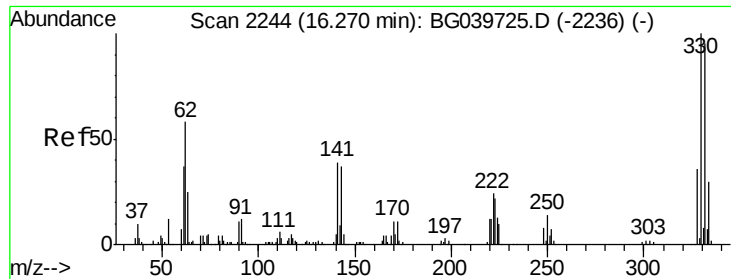
Tot Ion	82.00	Resp	346143
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.3	46.9
54	59.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039931.D
 Acq: 14 Mar 2019 19:01

Tgt Ion	164.00	Resp	128684
Ion Ratio	Lower	Upper	
164	100		
162	106.8	81.6	122.4
160	44.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 155.526 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW11-GW

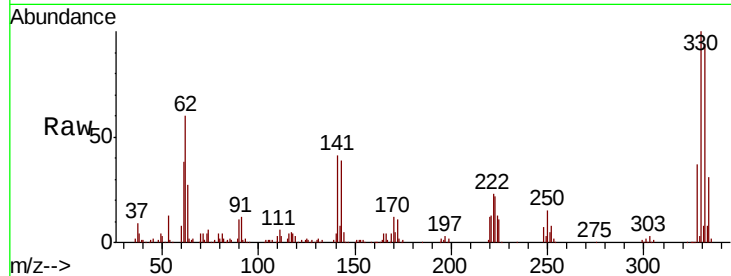
Tot Ion:330 Resp: 233275

Ion Ratio Lower Upper

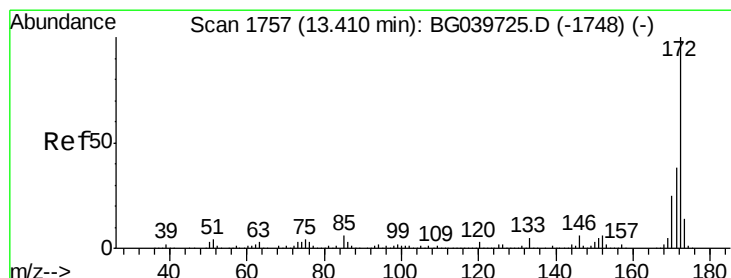
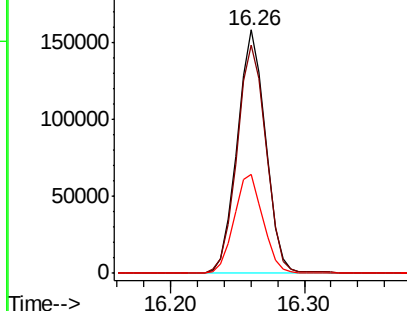
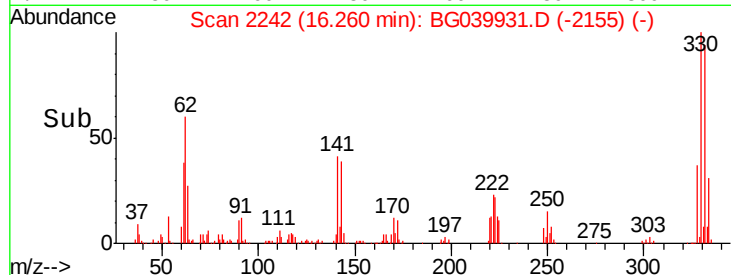
330 100

332 95.8 75.7 113.5

141 41.7 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: 94.755 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

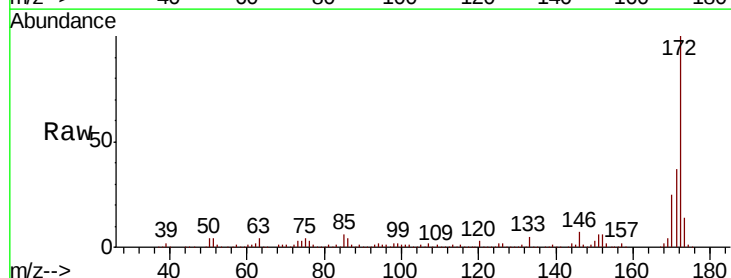
Tgt Ion:172 Resp: 856386

Ion Ratio Lower Upper

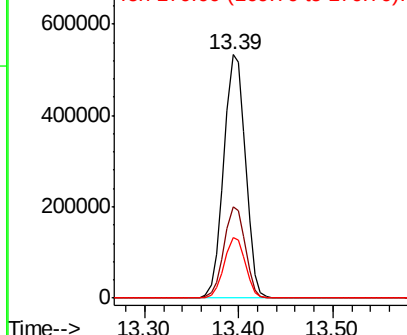
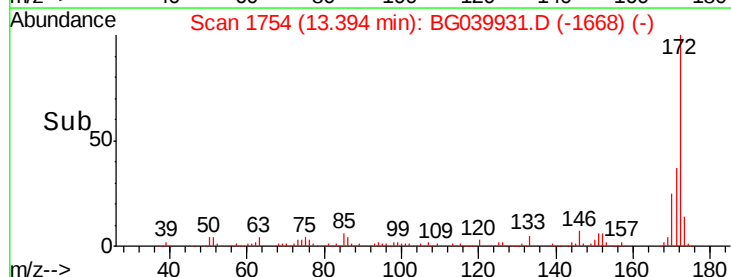
172 100

171 37.5 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW11-GW

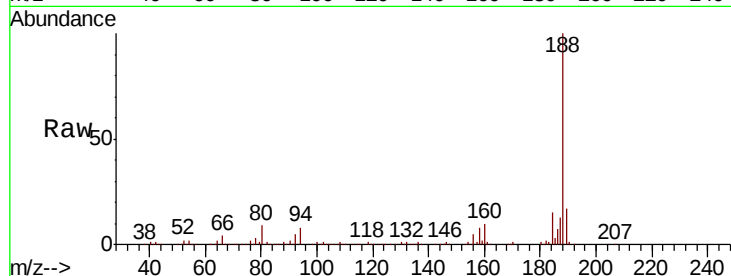
Tot Ion:188 Resp: 322411

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 9.1 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

250000

200000

150000

100000

50000

0

17.52

17.50

17.52

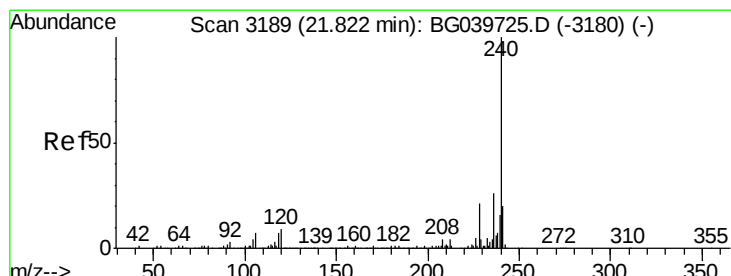
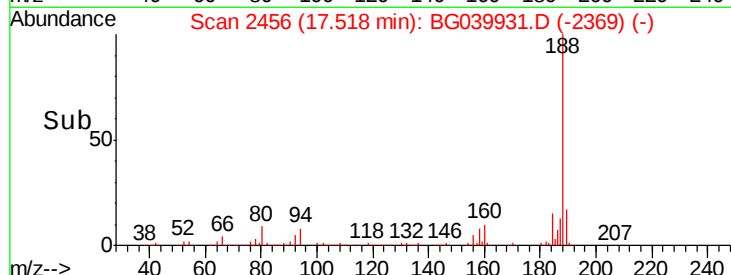
17.54

17.56

17.58

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

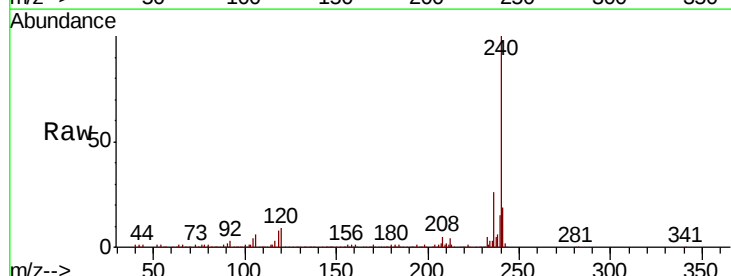
Tgt Ion:240 Resp: 324016

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 26.1 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

250000

200000

150000

100000

50000

0

21.80

21.78

21.80

21.82

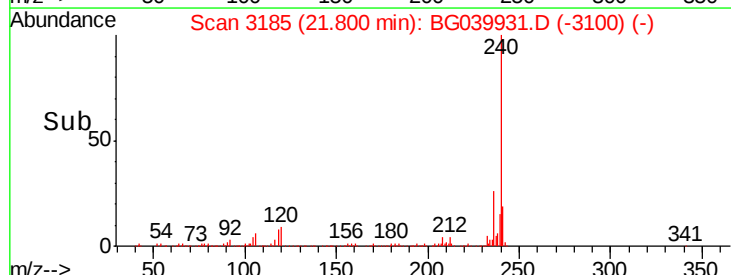
21.84

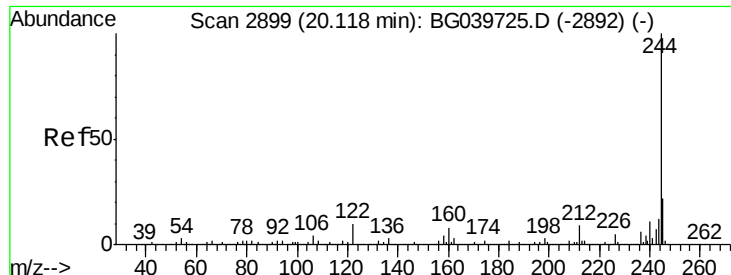
21.86

21.88

21.90

Time-->





#79

Terphenyl-d14

Concen: 90.371 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

Instrument :

BNA_G

ClientSampleId :

RFK-RMAB-MW11-GW

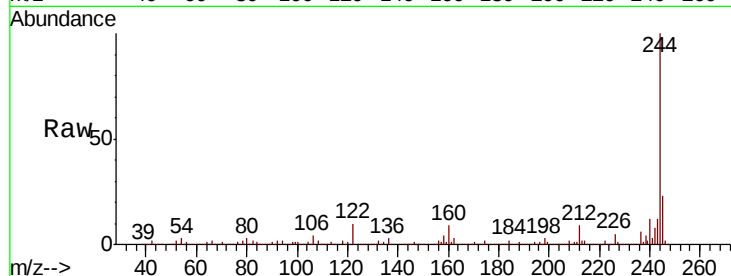
Tot Ion:244 Resp: 1329896

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

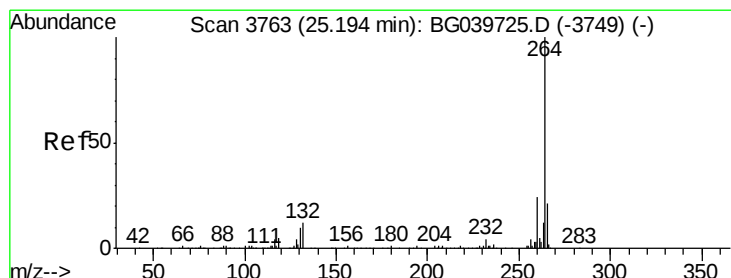
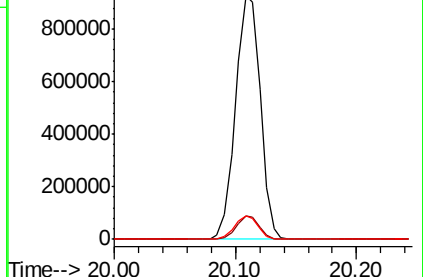
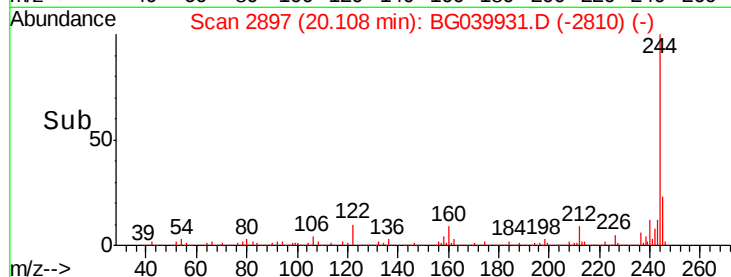
122 9.7 8.4 12.6



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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039931.D

Acq: 14 Mar 2019 19:01

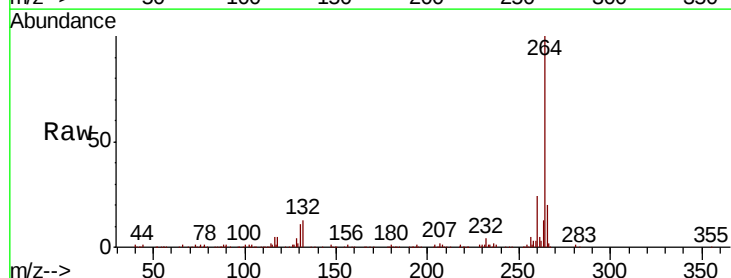
Tgt Ion:264 Resp: 327714

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 20.3 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

