

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039947.D
 Acq On : 15 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-02

Quant Time: Mar 16 04:42:00 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

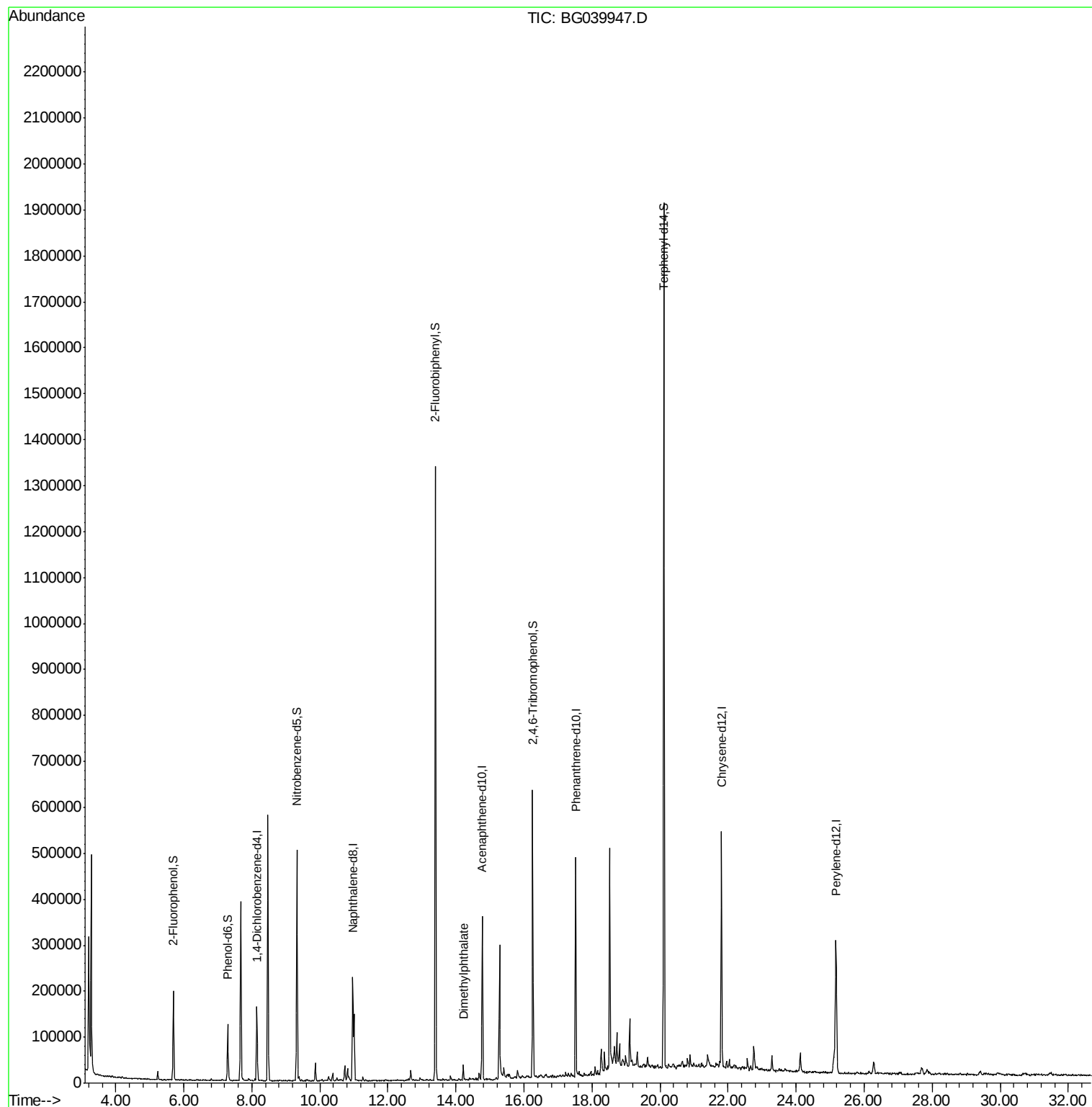
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45286	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	197286	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124014	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	293913	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	310377	20.00	ng	-0.02
87) Perylene-d12	25.17	264	323477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	82541	31.09	ng	-0.02
7) Phenol-d6	7.29	99	69499	17.56	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290268	79.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	108533	75.08	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	698241	80.17	ng	-0.02
79) Terphenyl-d14	20.11	244	904292	64.15	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.22	163	22016	2.123	ng	99

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

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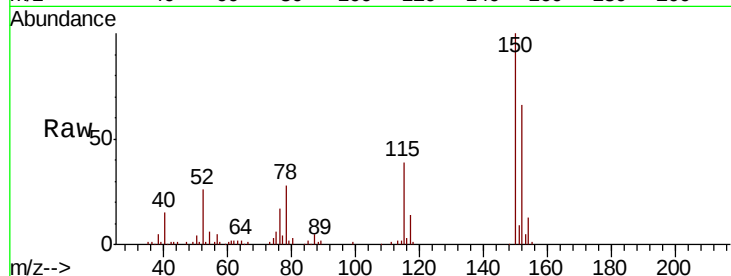


#1

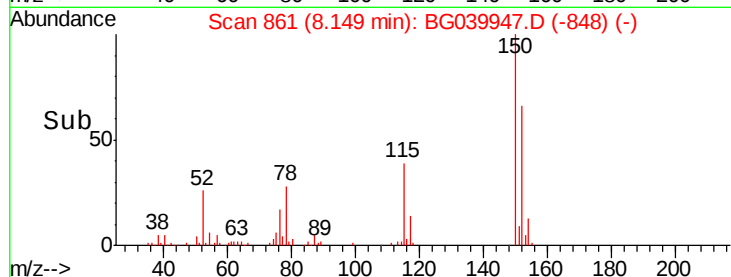
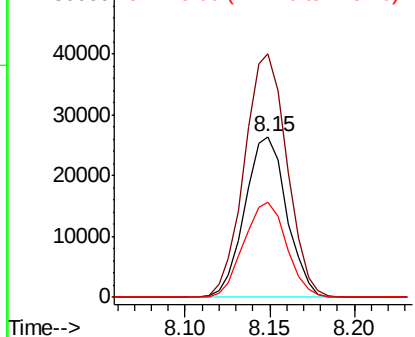
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039947.D
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Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.7	185.5
115	59.4	45.9	68.9



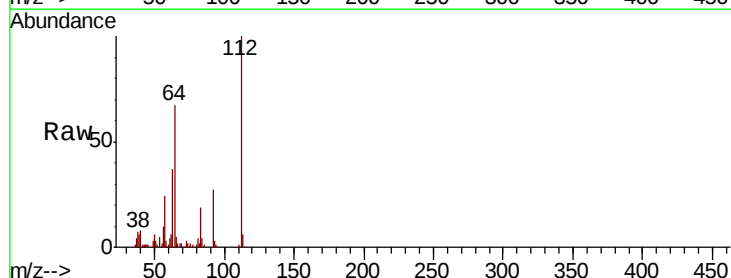
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



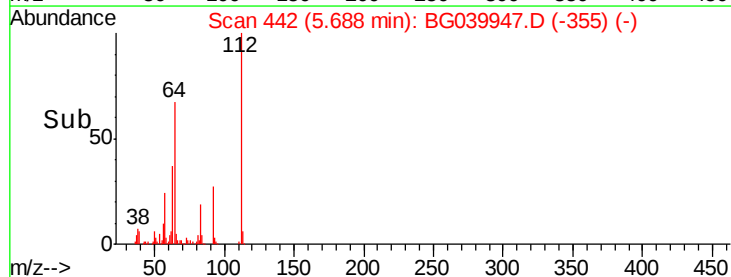
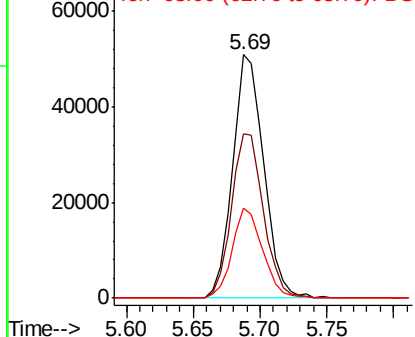
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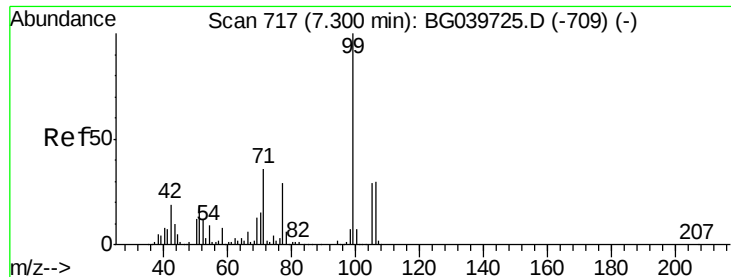
2-Fluorophenol
Concen: 31.095 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	37.1	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: 17.559 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampled :

MH-02

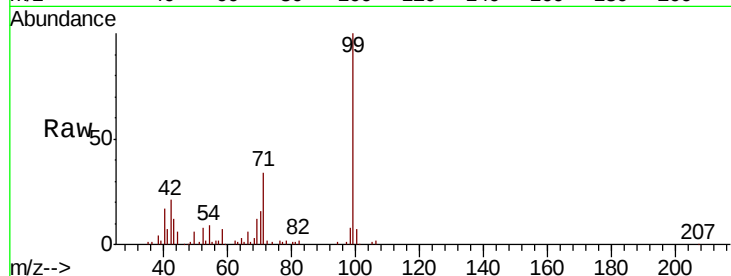
Tot Ion: 99 Resp: 69499

Ion Ratio Lower Upper

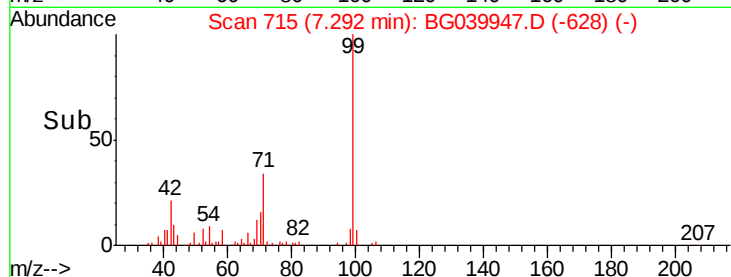
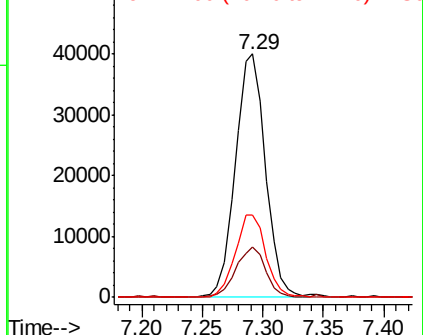
99 100

42 20.8 18.2 27.2

71 33.7 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: BG039947.D

Acq: 15 Mar 2019 18:49

Tgt Ion: 136 Resp: 197286

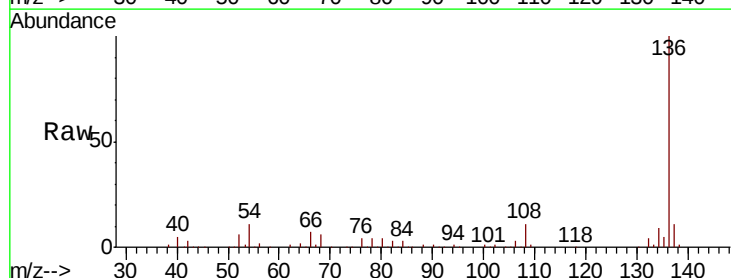
Ion Ratio Lower Upper

136 100

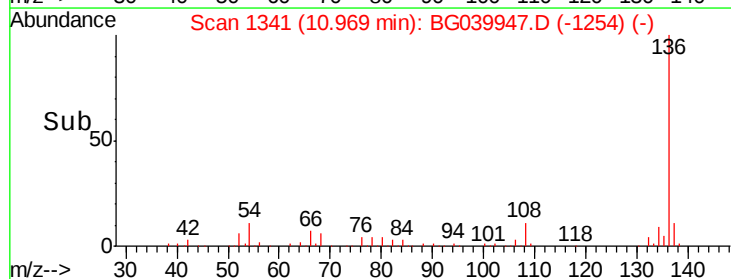
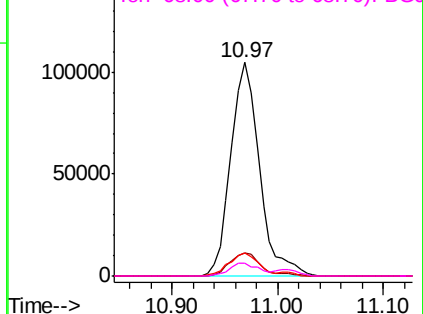
137 10.8 9.1 13.7

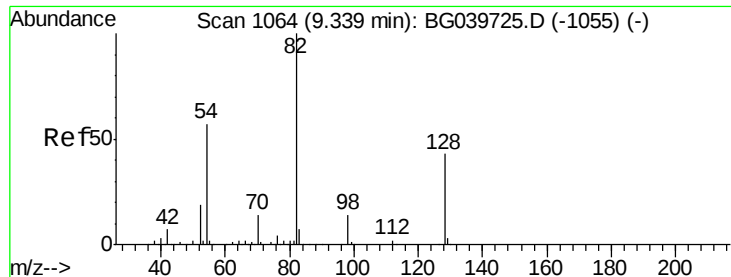
54 10.9 9.4 14.2

68 5.7 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

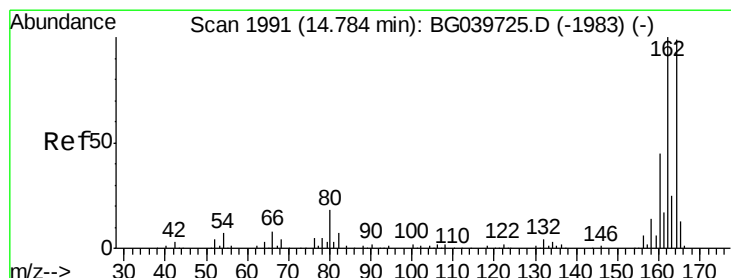
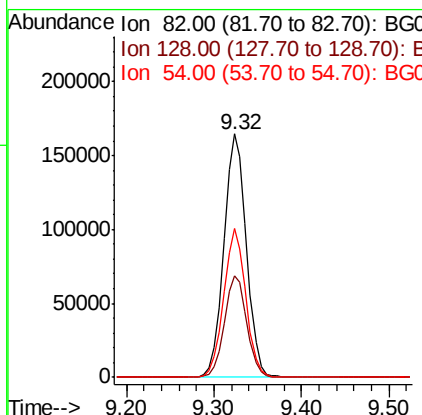
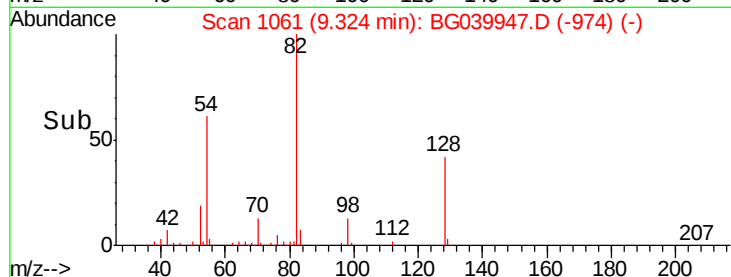
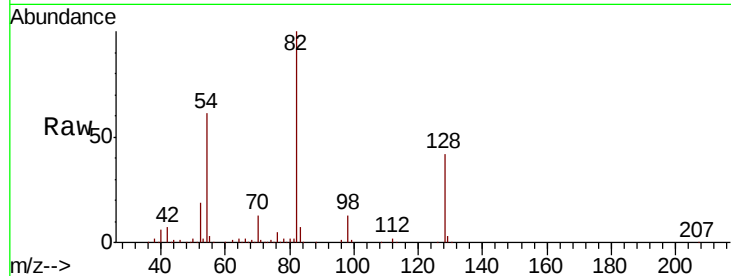




#23
 Nitrobenzene-d5
 Concen: 79.574 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

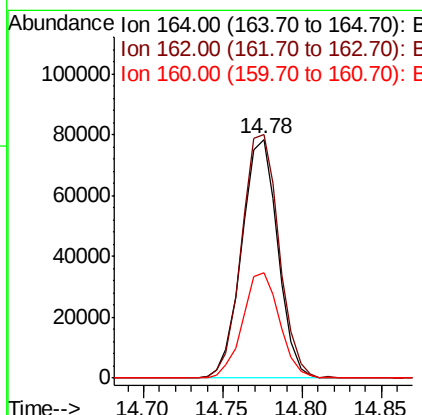
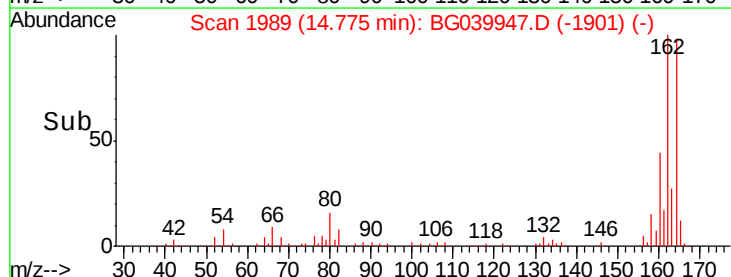
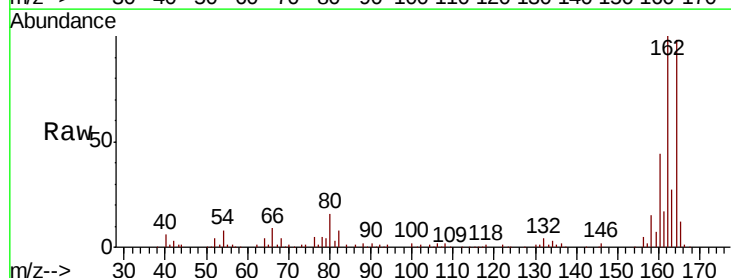
Instrument :
 BNA_G
 ClientSampleId :
 MH-02

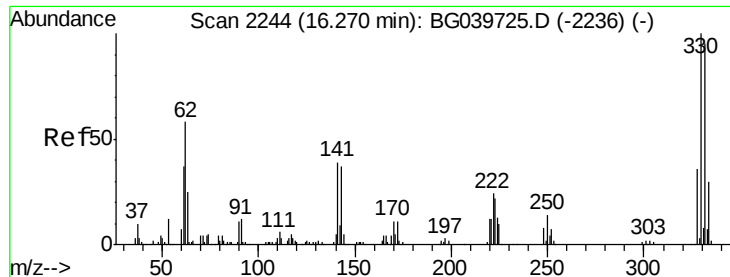
Tot Ion: 82 Resp: 290268
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.3 46.9
 54 61.0 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Tgt Ion: 164 Resp: 124014
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.6 122.4
 160 44.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 75.085 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampleId :

MH-02

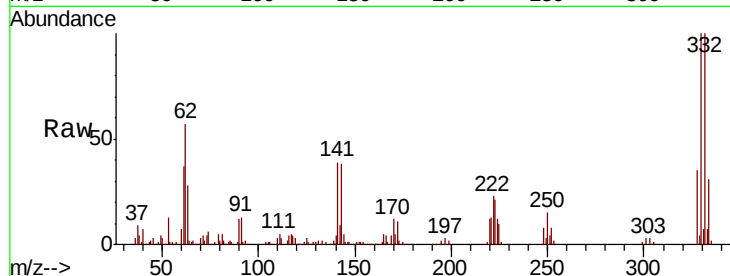
Tot Ion:330 Resp: 108533

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

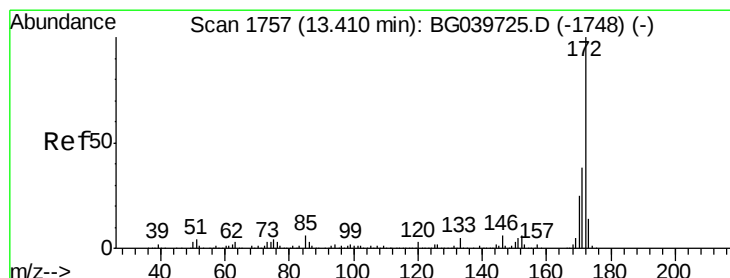
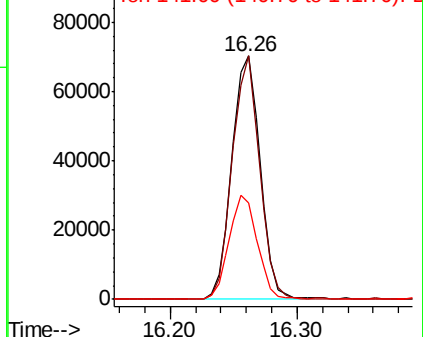
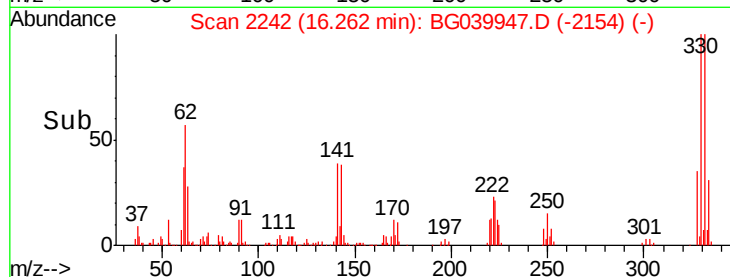
141 43.0 35.6 53.4



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: 80.166 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

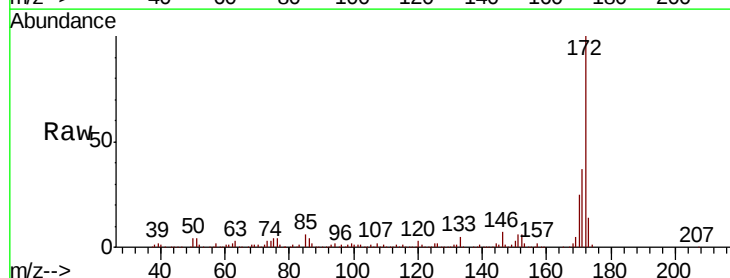
Tgt Ion:172 Resp: 698241

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

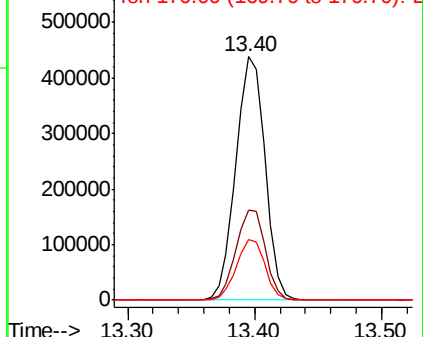
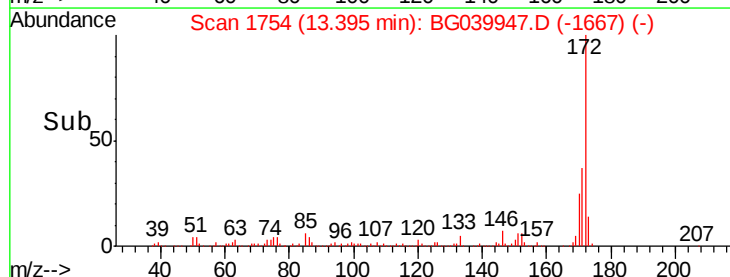
170 25.0 20.2 30.4

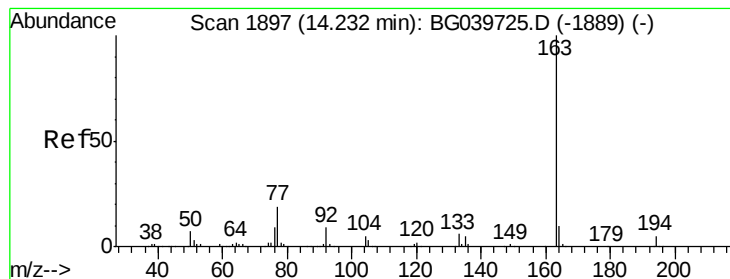


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.123 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampleId :

MH-02

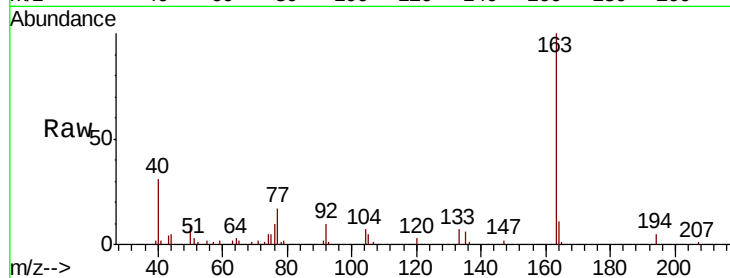
Tot Ion:163 Resp: 22016

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

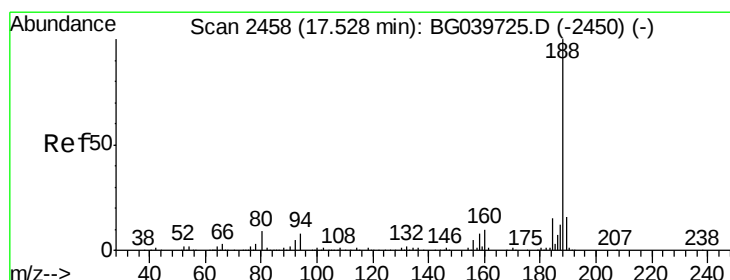
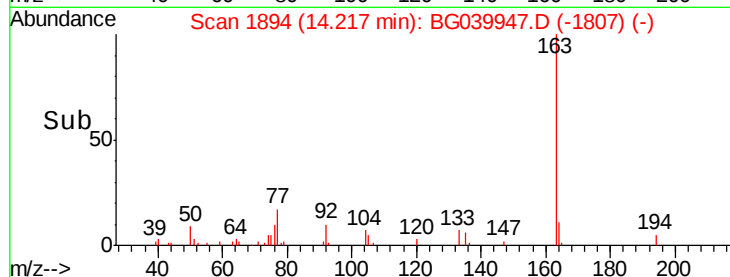
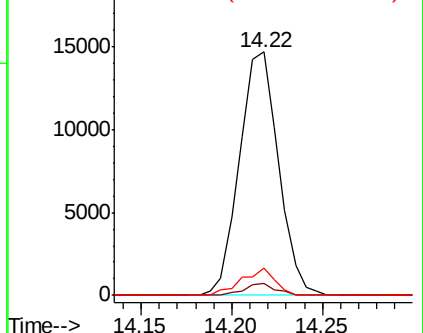
164 11.0 8.4 12.6



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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

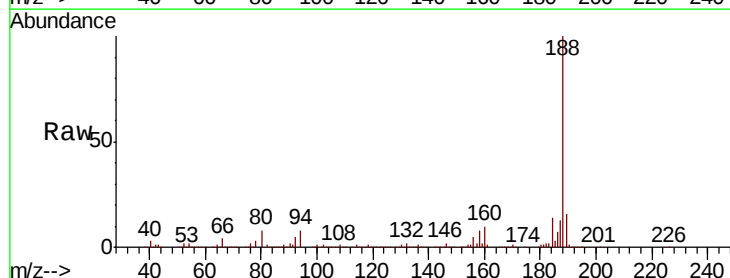
Tgt Ion:188 Resp: 293913

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

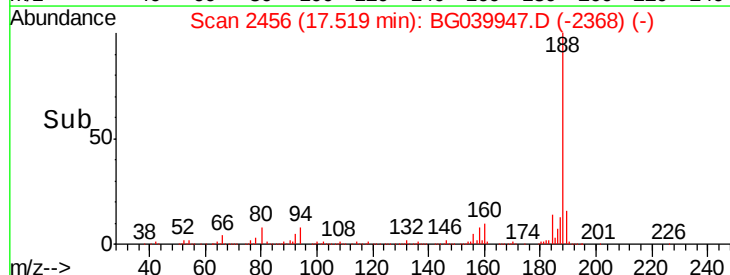
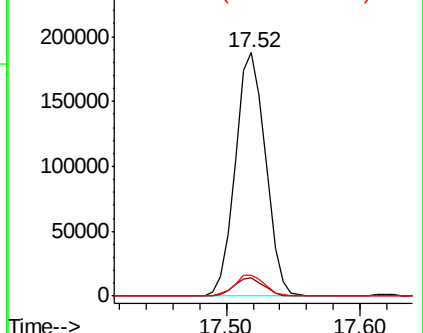
80 8.5 8.1 12.1

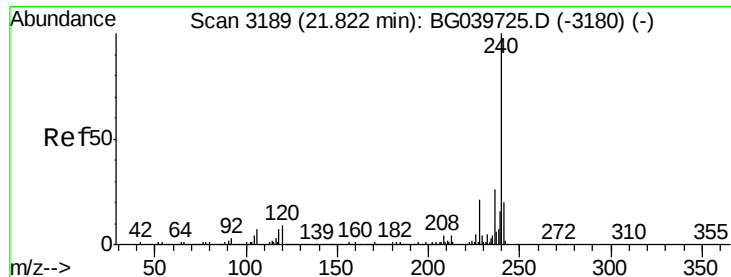


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

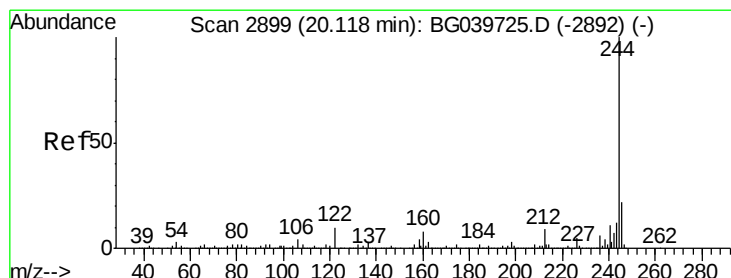
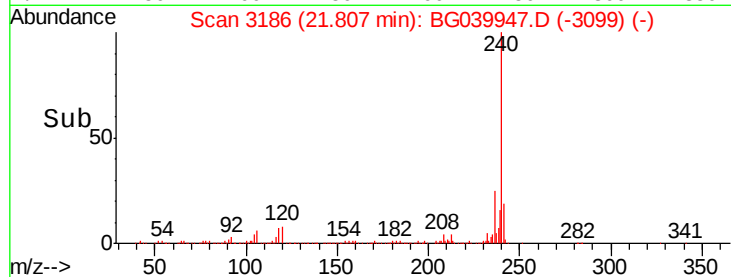
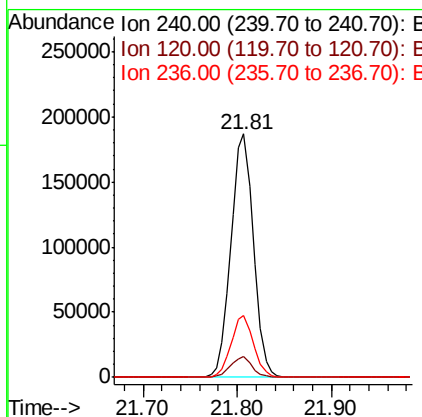
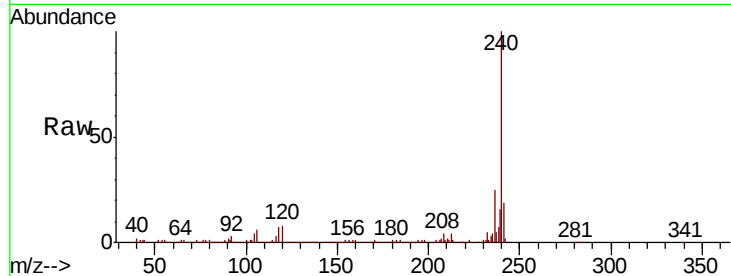




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

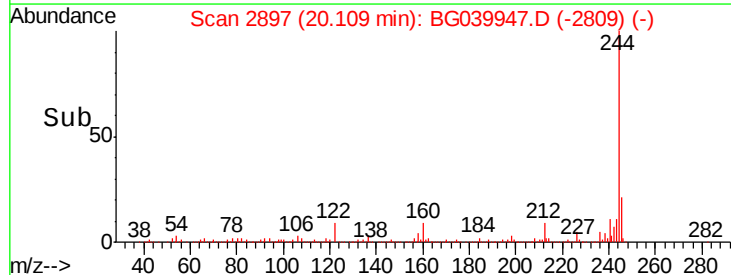
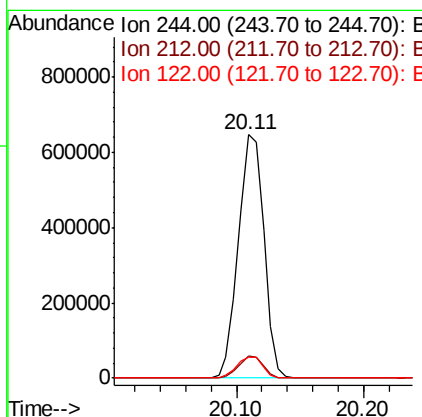
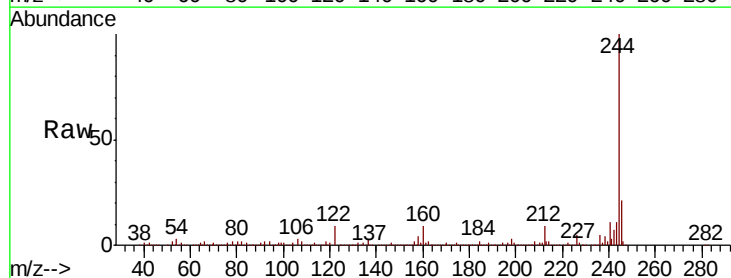
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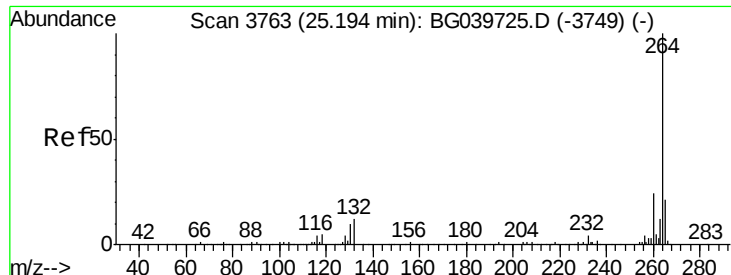
Tot Ion:240 Resp: 310377
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 64.150 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Tgt Ion:244 Resp: 904292
Ion Ratio Lower Upper
244 100
212 8.9 7.3 10.9
122 8.8 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.17 min Scan# 3759
 Delta R.T. -0.03 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Instrument :
 BNA_G
 ClientSampleId :
 MH-02

Tot Ion:	264	Resp:	323477
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.3	18.5	27.7

