

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039641.D
 Acq On : 27 Feb 2019 19:16
 Operator : JU/SJ
 Sample : K1605-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48966

Quant Time: Feb 28 01:24:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53228	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	222979	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	149572	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	369050	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	382642	20.00	ng	-0.03
87) Perylene-d12	25.20	264	381443	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	213581	68.68	ng	0.00
7) Phenol-d6	7.31	99	191766	41.89	ng	-0.01
23) Nitrobenzene-d5	9.35	82	406931	114.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	273291	169.68	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	976371	93.64	ng	-0.02
79) Terphenyl-d14	20.13	244	1519368	84.05	ng	-0.02

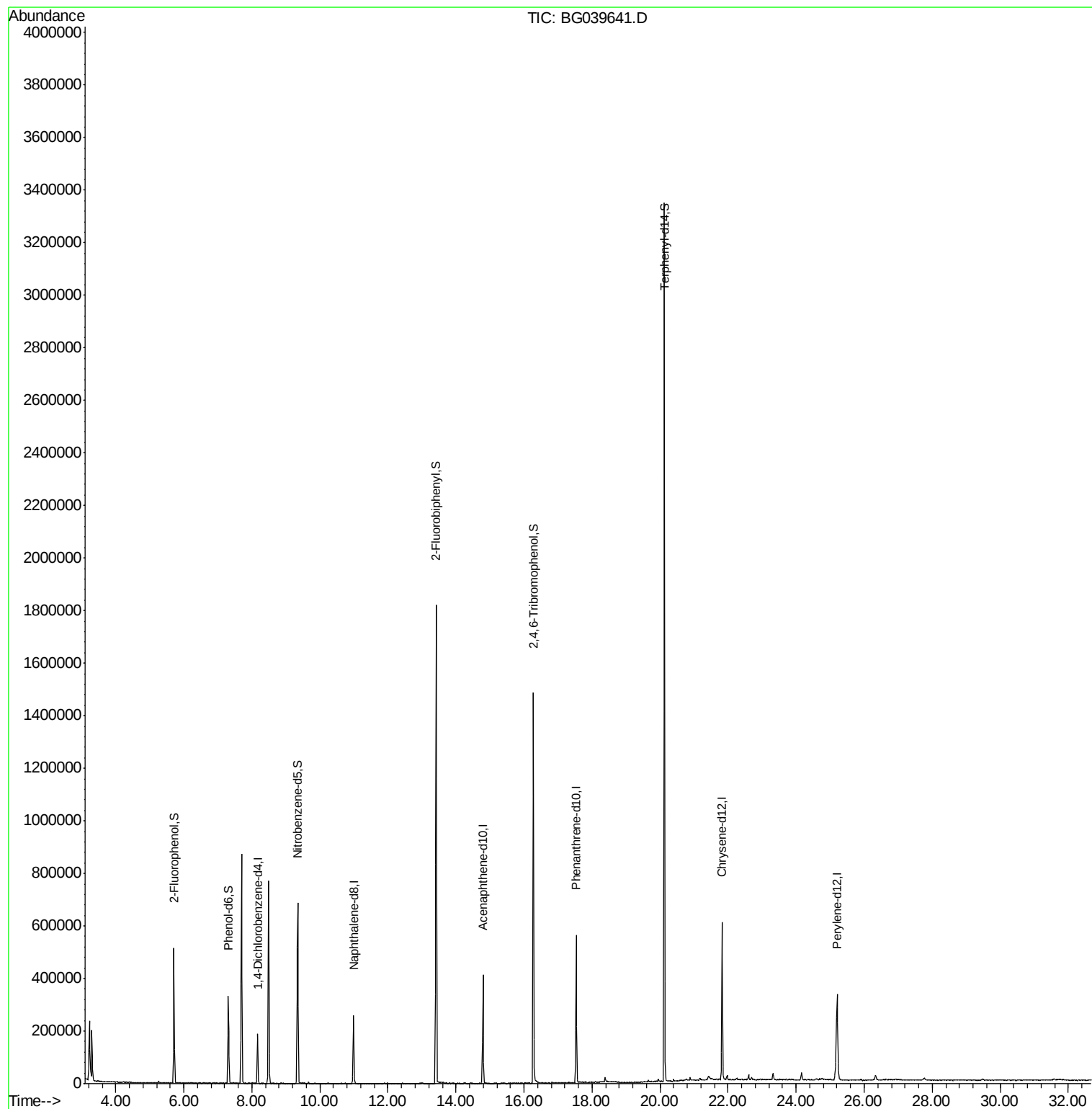
Target Compounds Qvalue

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

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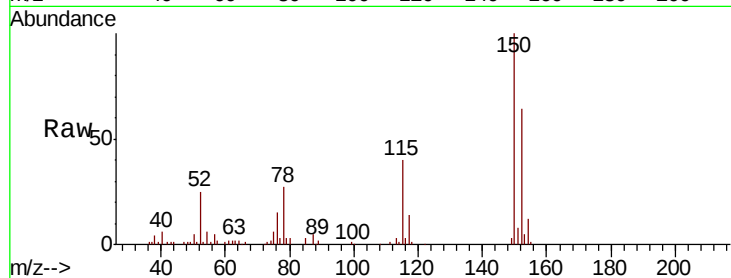


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039641.D
Acq: 27 Feb 2019 19:16

Instrument :
BNA_G
ClientSampleId :
N48966

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	62.3	45.9	68.9

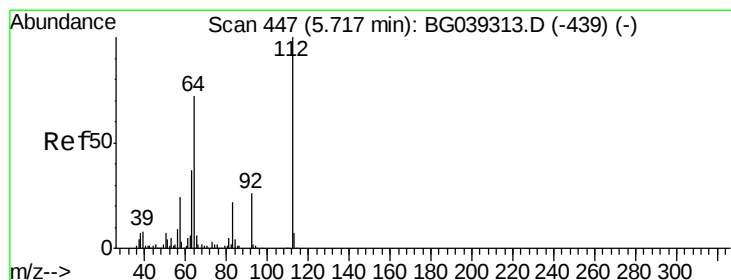
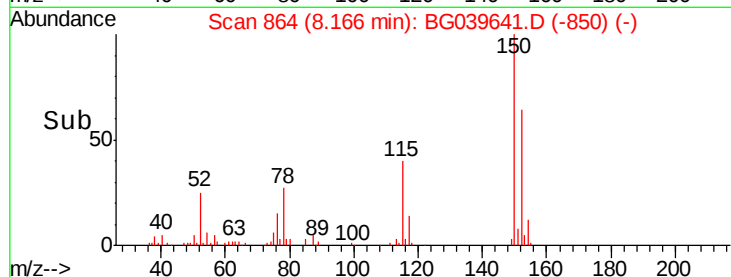
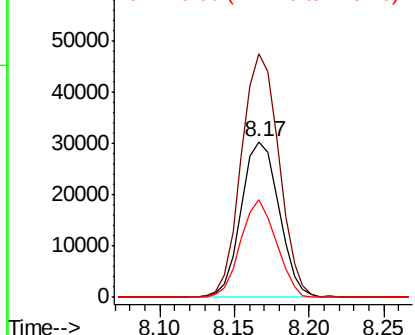


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

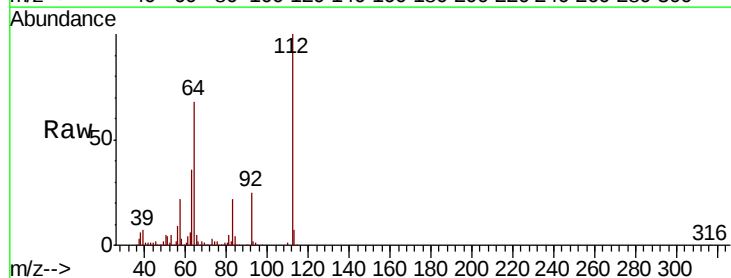
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.675 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039641.D
Acq: 27 Feb 2019 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.8	86.8
63	36.3	29.8	44.6

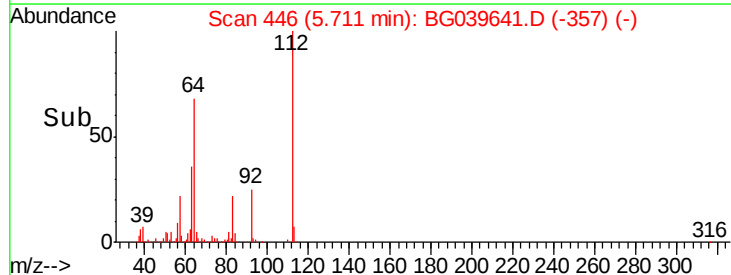
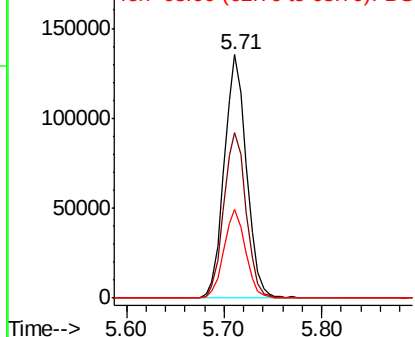


Abundance

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: 41.890 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Instrument :

BNA_G

ClientSampleId :

N48966

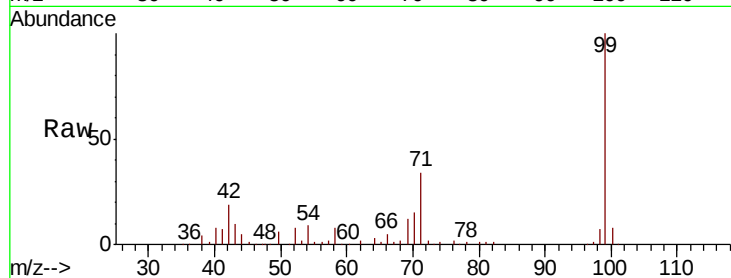
Tot Ion: 99 Resp: 191766

Ion Ratio Lower Upper

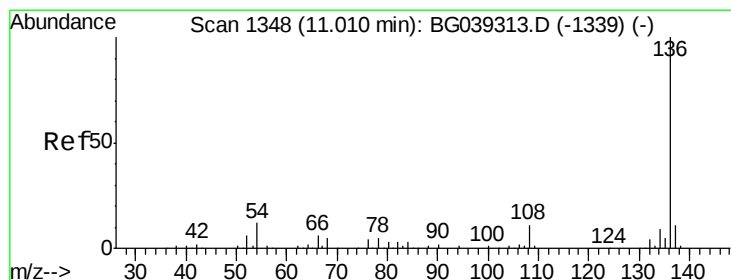
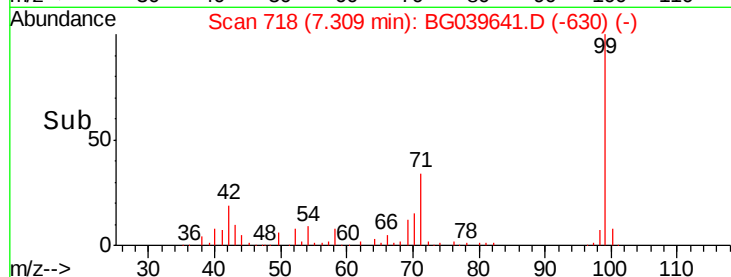
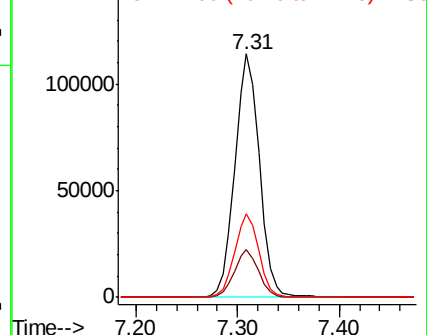
99 100

42 19.4 18.2 27.2

71 34.3 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: 10.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Tgt Ion: 136 Resp: 222979

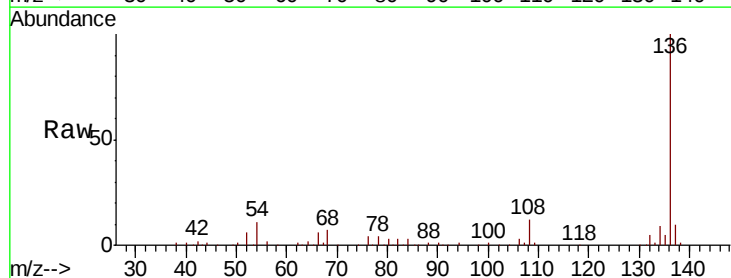
Ion Ratio Lower Upper

136 100

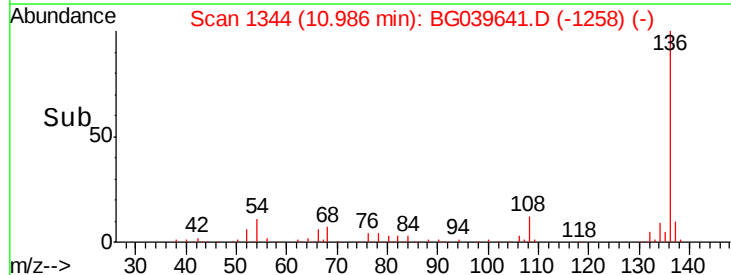
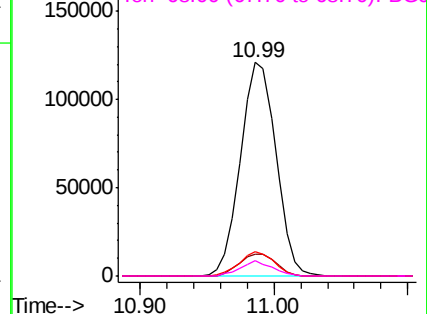
137 10.5 9.1 13.7

54 11.4 9.4 14.2

68 7.1 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: 114.009 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Instrument :

BNA_G

ClientSampleId :

N48966

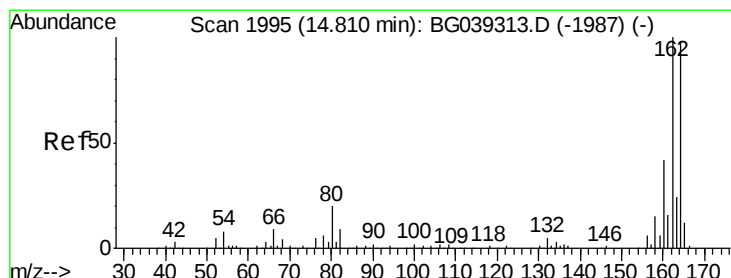
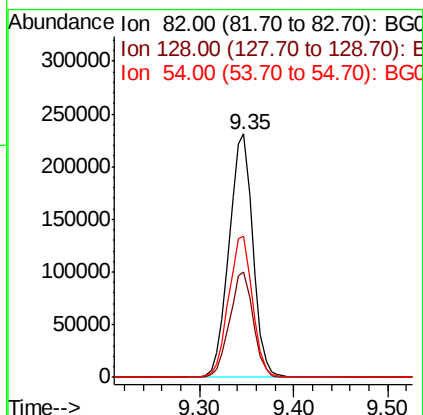
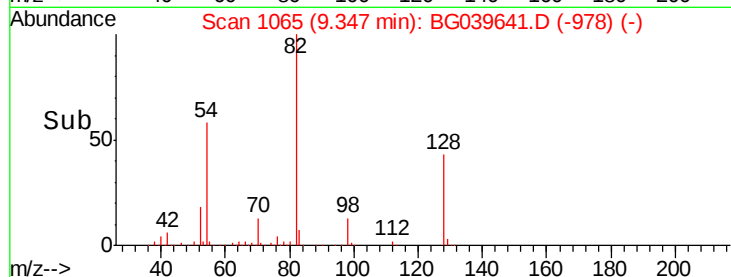
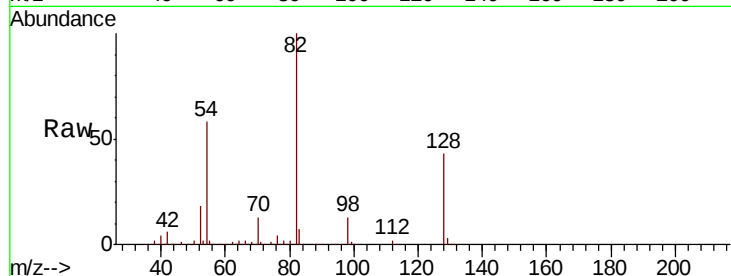
Tot Ion: 82 Resp: 406931

Ion Ratio Lower Upper

82 100

128 43.5 31.3 46.9

54 58.2 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

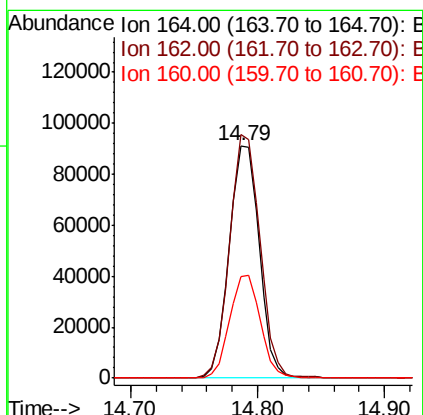
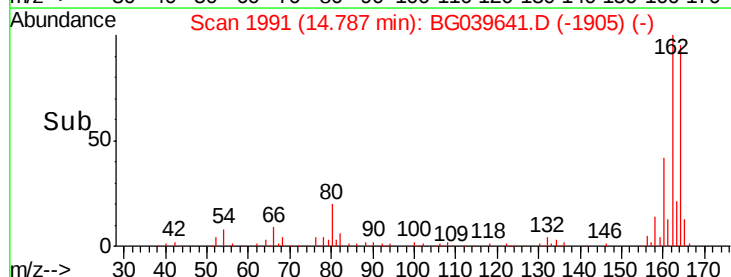
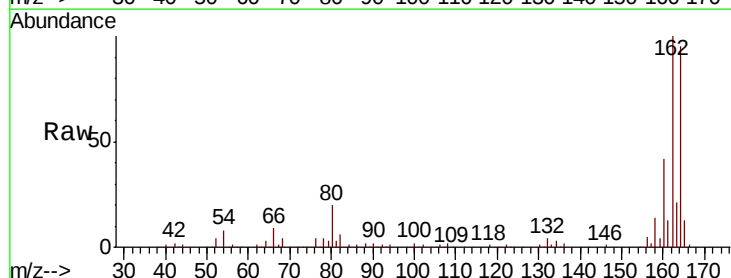
Tgt Ion: 164 Resp: 149572

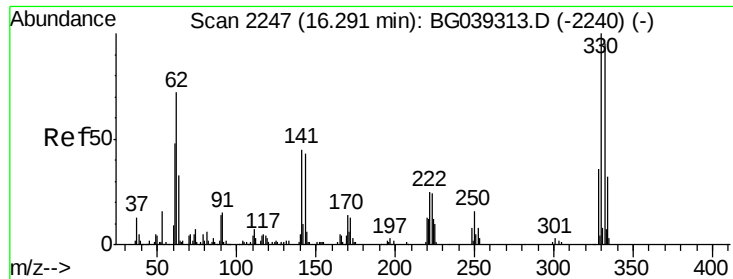
Ion Ratio Lower Upper

164 100

162 104.8 81.6 122.4

160 43.7 34.2 51.2

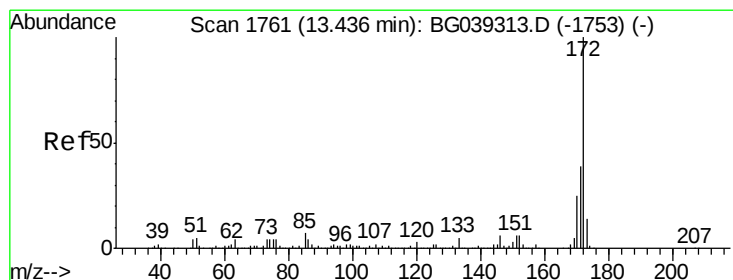
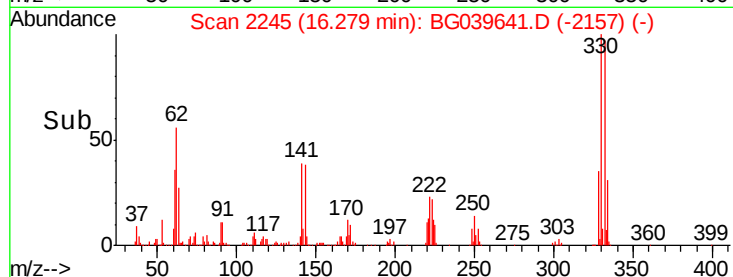
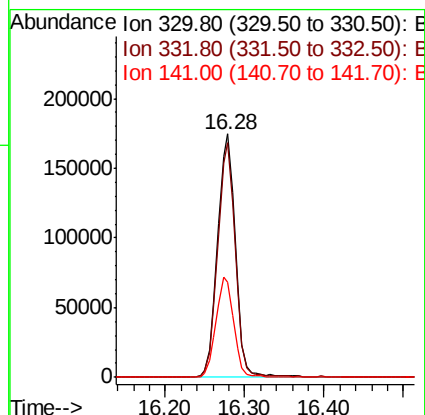
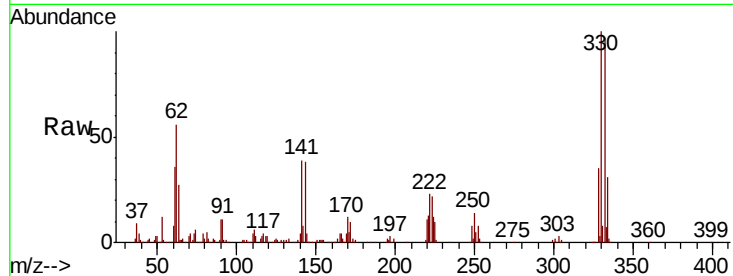




#42
 2,4,6-Tribromophenol
 Concen: 169.679 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039641.D
 Acq: 27 Feb 2019 19:16

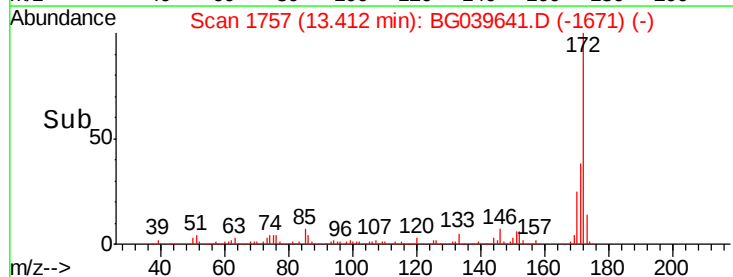
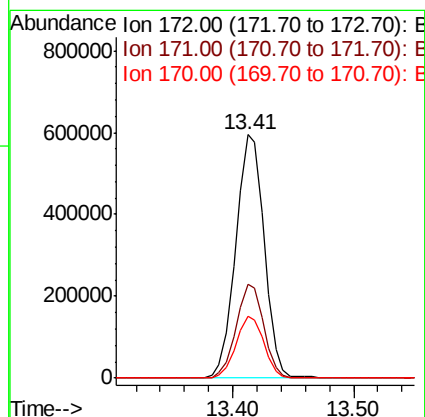
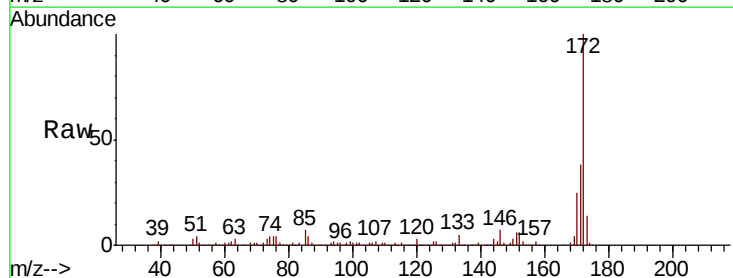
Instrument :
 BNA_G
 ClientSampleId :
 N48966

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	40.8	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 93.644 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG039641.D
 Acq: 27 Feb 2019 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.4	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Instrument :

BNA_G

ClientSampleId :

N48966

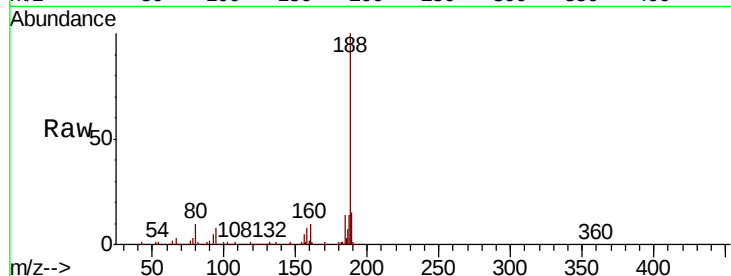
Tot Ion:188 Resp: 369050

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

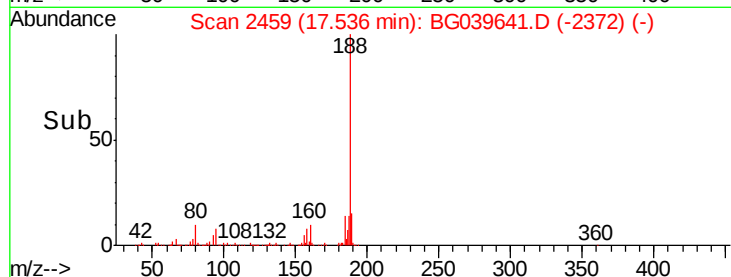
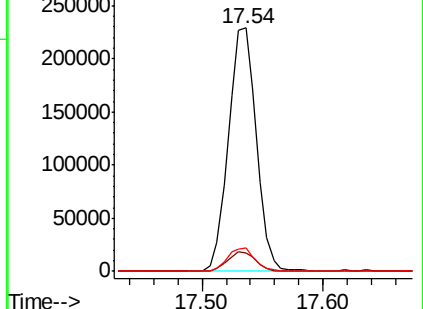
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.03 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

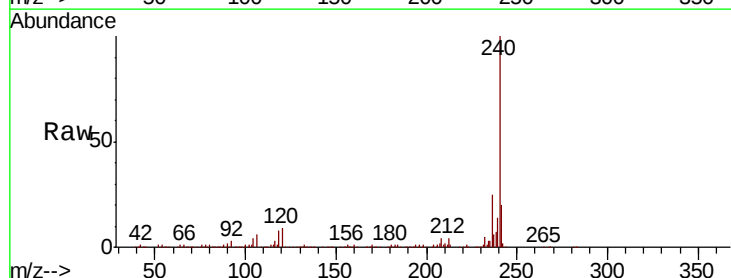
Tgt Ion:240 Resp: 382642

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

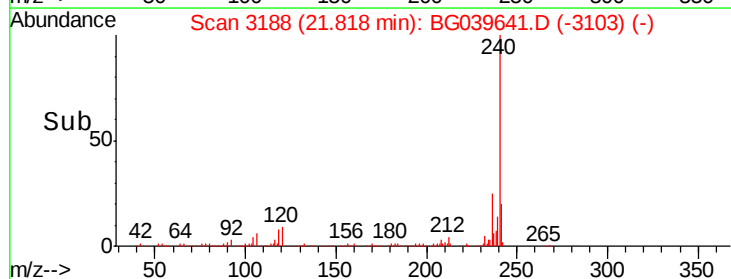
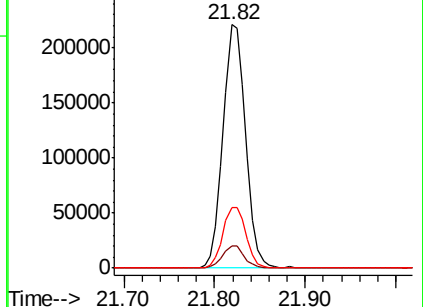
236 25.1 21.0 31.4



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





#79

Terphenyl-d14

Concen: 84.048 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Instrument :

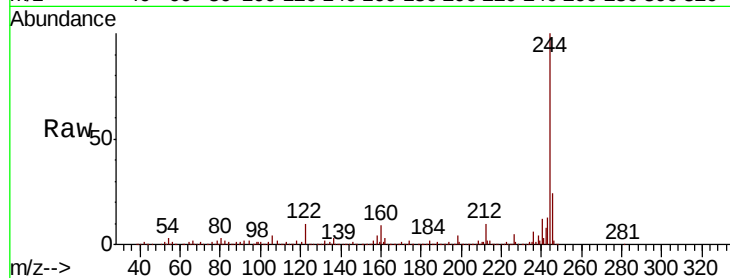
BNA_G

ClientSampleId :

N48966

Tot Ion:244 Resp: 1519368

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	10.3	8.4	12.6

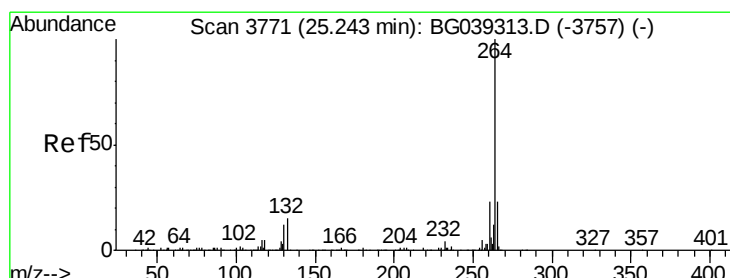
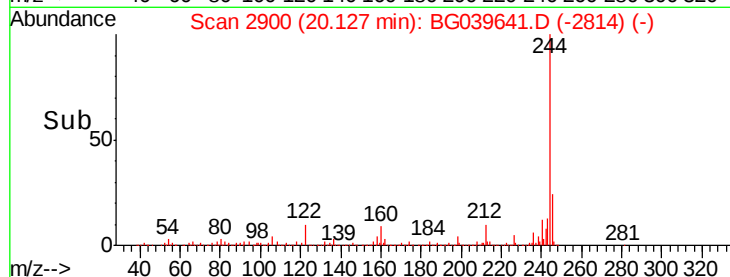


Abundance

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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039641.D

Acq: 27 Feb 2019 19:16

Tgt Ion:264 Resp: 381443

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.4	18.5	27.7

