

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039636.D
 Acq On : 27 Feb 2019 15:59
 Operator : JU/SJ
 Sample : K1594-40
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-9(7.5-8.5)

Quant Time: Feb 28 01:16:01 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

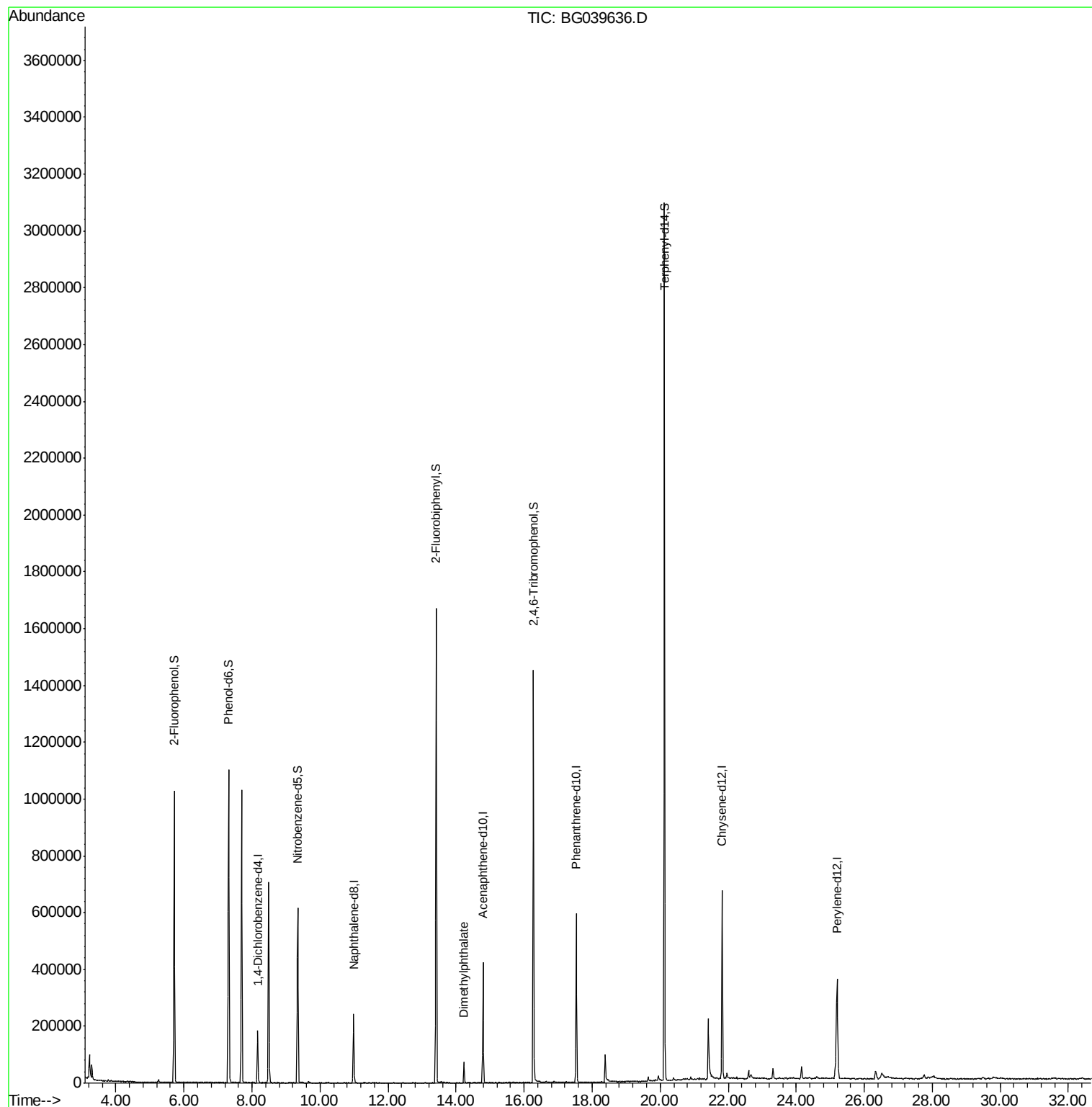
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50786	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	212876	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	145462	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	362976	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	394802	20.00	ng	-0.03
87) Perylene-d12	25.19	264	403371	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	441077	148.64	ng	0.00
7) Phenol-d6	7.31	99	645185	147.71	ng	0.00
23) Nitrobenzene-d5	9.34	82	372824	109.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	256810	163.95	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	894058	88.17	ng	-0.02
79) Terphenyl-d14	20.12	244	1472299	78.94	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.23	163	51502	4.384	ng	Qvalue # 97

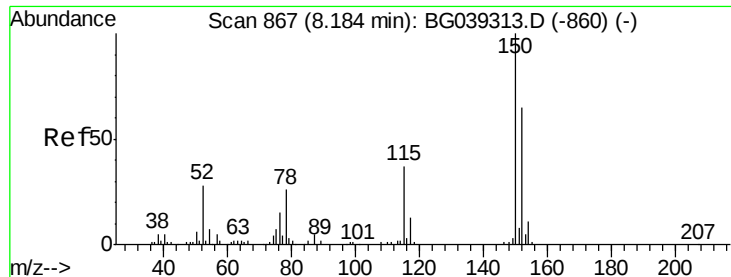
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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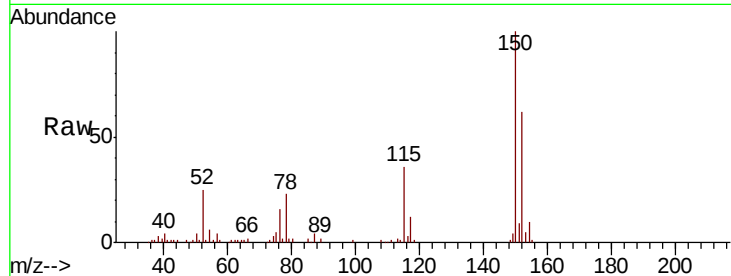


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039636.D
Acq: 27 Feb 2019 15:59

Instrument :
BNA_G
ClientSampleId :
B-9(7.5-8.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	123.7	185.5
115	59.2	45.9	68.9

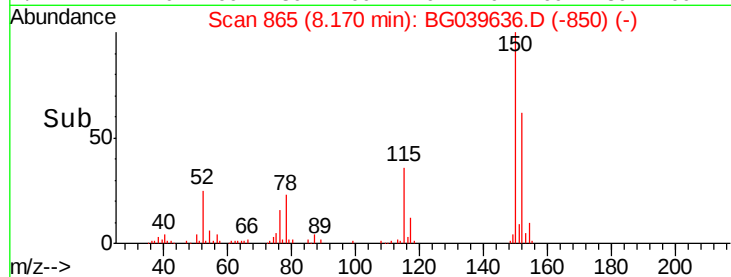
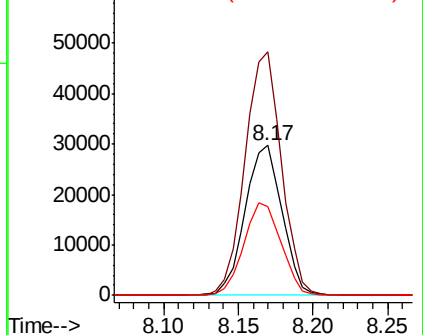


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

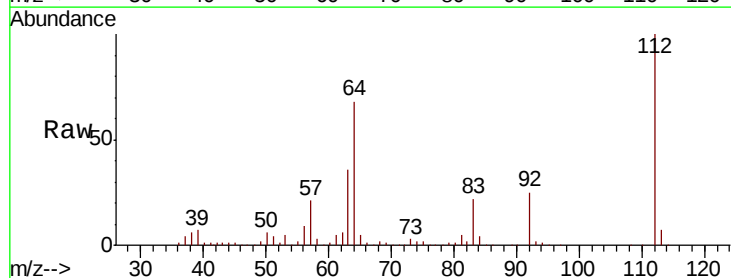
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.645 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039636.D
Acq: 27 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	57.8	86.8
63	35.6	29.8	44.6

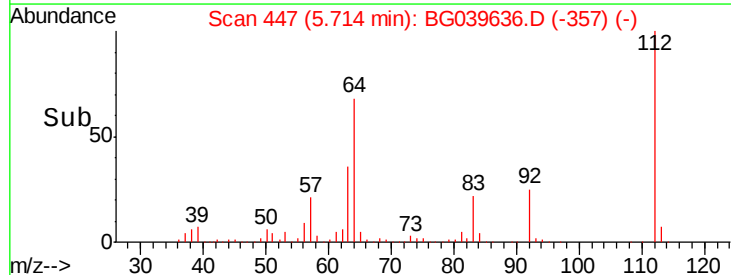
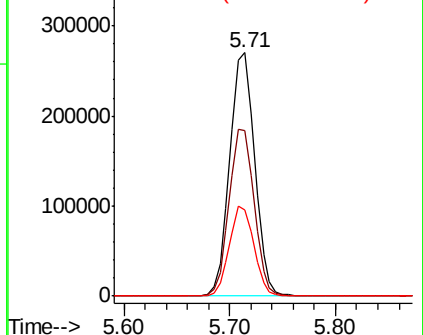


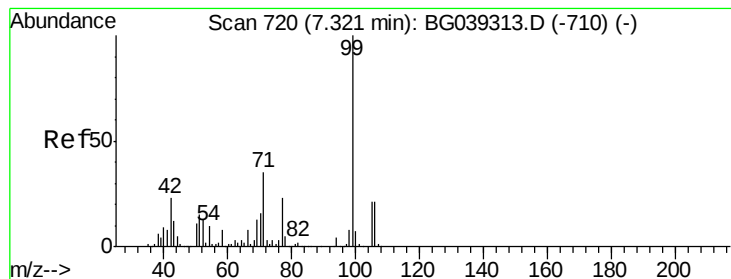
Abundance

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: 147.713 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

Instrument :

BNA_G

ClientSampleId :

B-9(7.5-8.5)

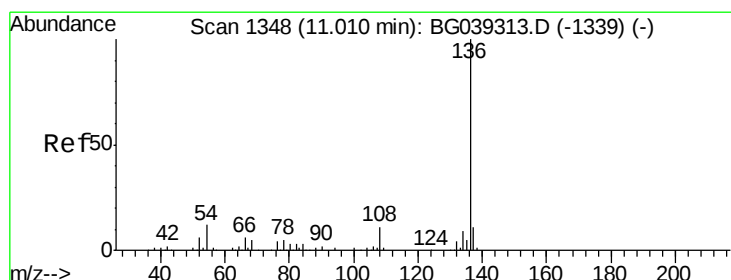
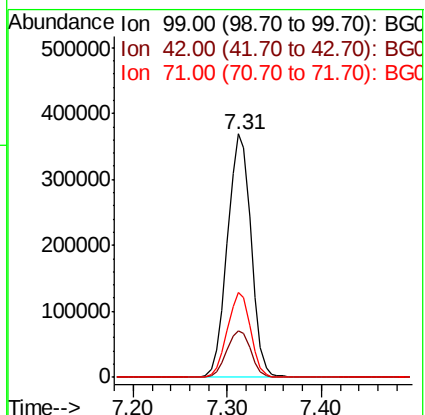
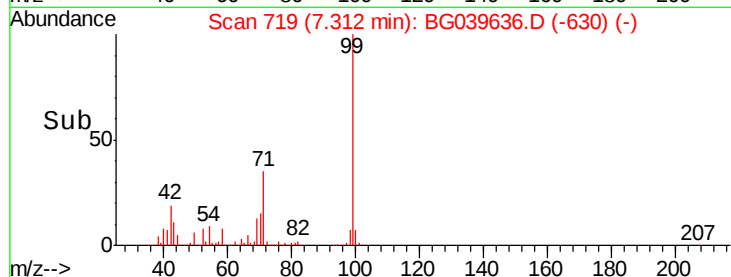
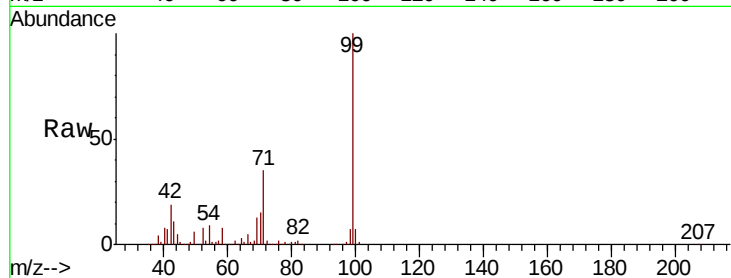
Tot Ion: 99 Resp: 645185

Ion Ratio Lower Upper

99 100

42 19.2 18.2 27.2

71 34.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

Tgt Ion: 136 Resp: 212876

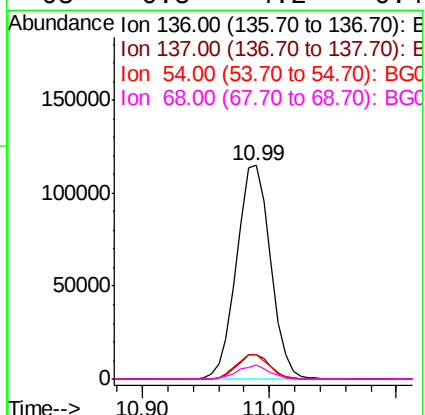
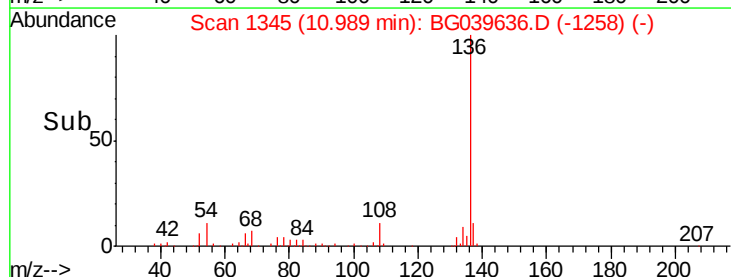
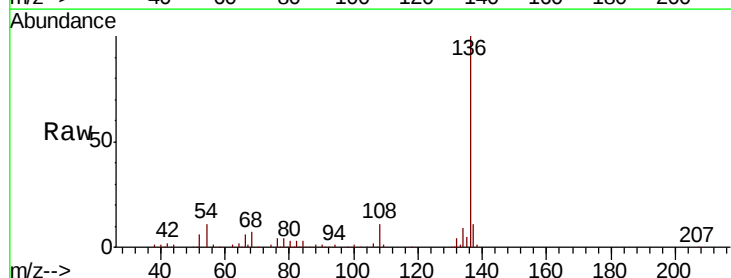
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.1 9.4 14.2

68 6.5 4.2 6.4#

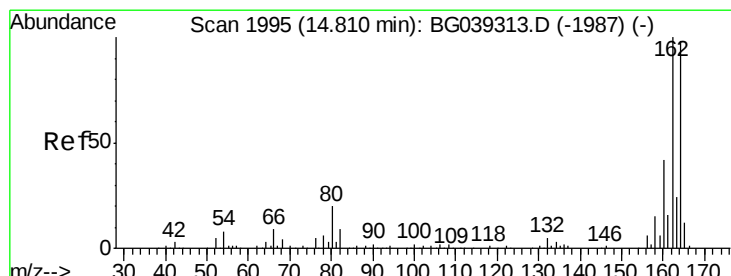
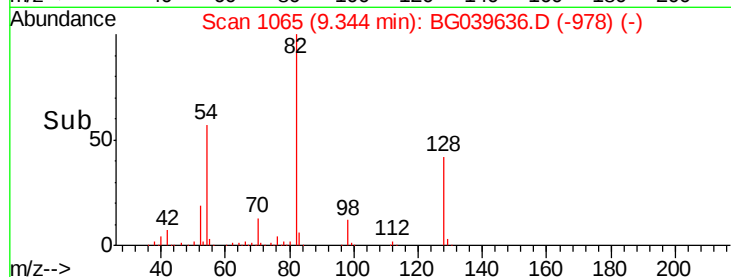
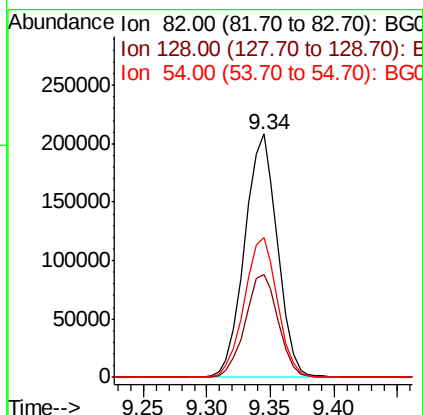
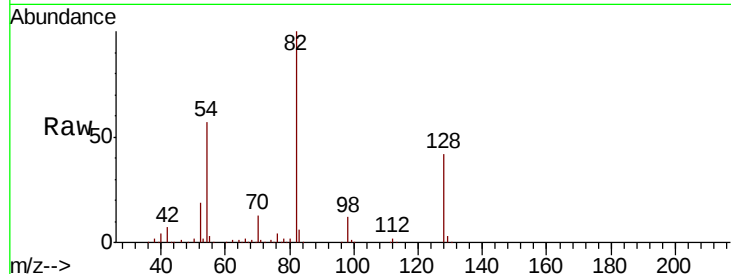




#23
 Nitrobenzene-d5
 Concen: 109.411 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039636.D
 Acq: 27 Feb 2019 15:59

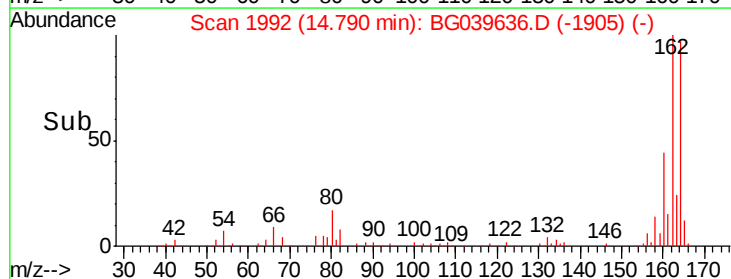
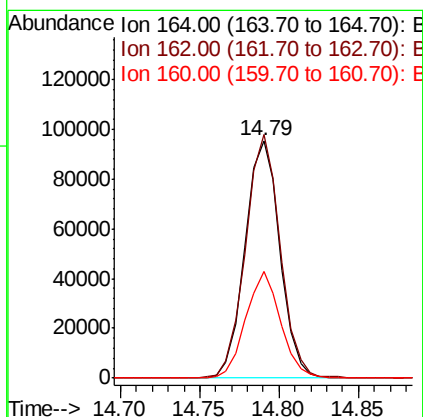
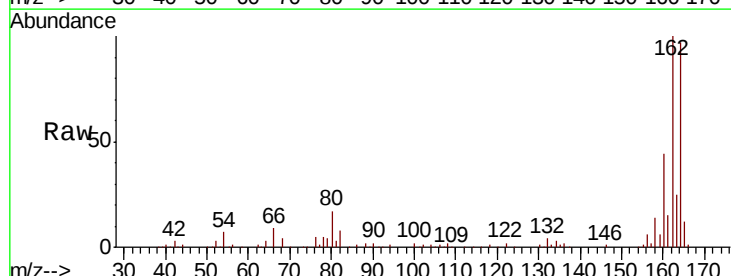
Instrument :
 BNA_G
 ClientSampled :
 B-9(7.5-8.5)

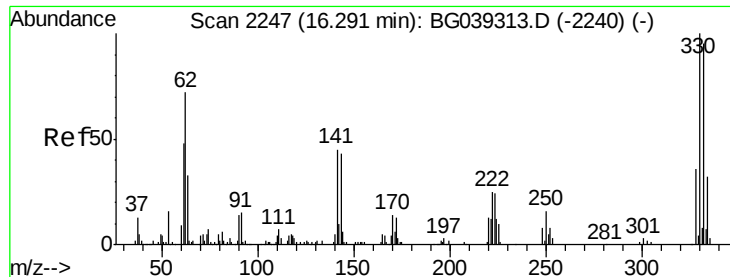
Tot Ion	82	Resp	372824
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.3	46.9
54	57.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039636.D
 Acq: 27 Feb 2019 15:59

Tgt Ion	164	Resp	145462
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.6	122.4
160	44.9	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 163.952 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

Instrument :

BNA_G

ClientSampleId :

B-9(7.5-8.5)

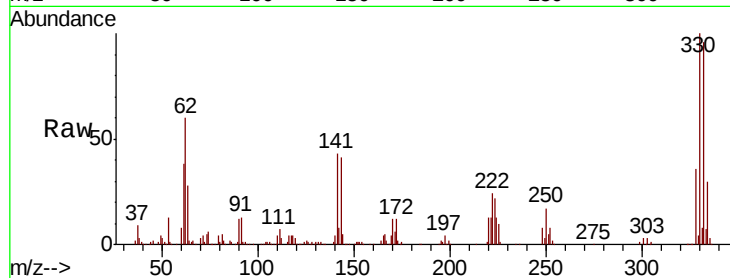
Tot Ion:330 Resp: 256810

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

141 41.4 35.6 53.4

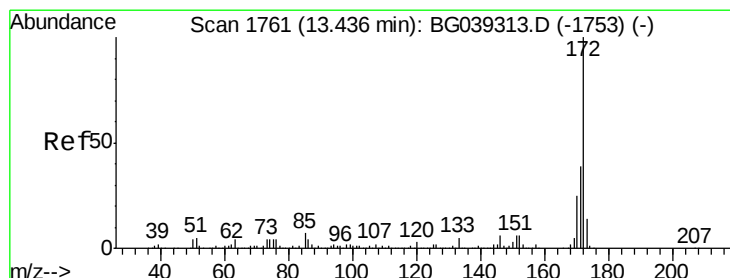
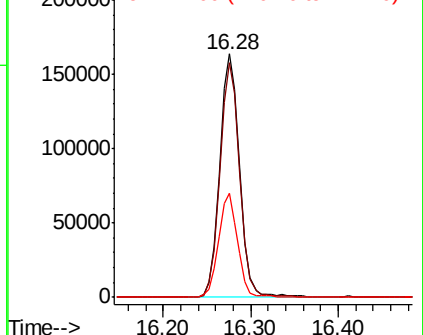
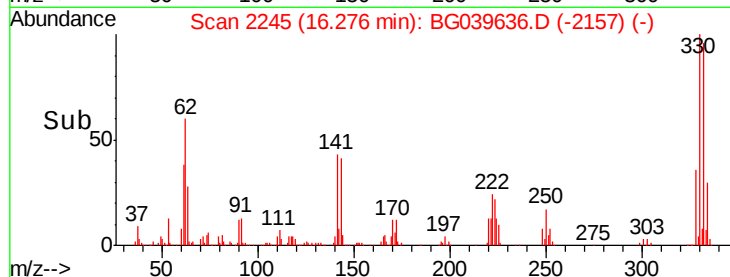


Abundance

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: 88.172 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

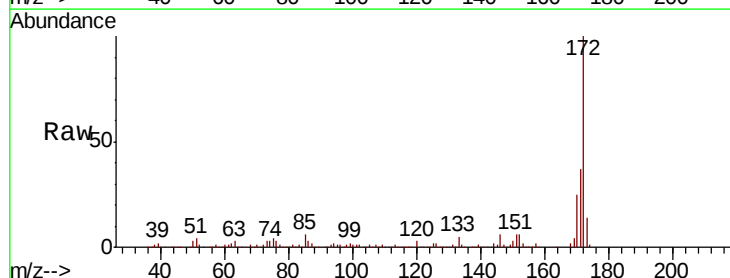
Tgt Ion:172 Resp: 894058

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

170 24.6 20.2 30.4

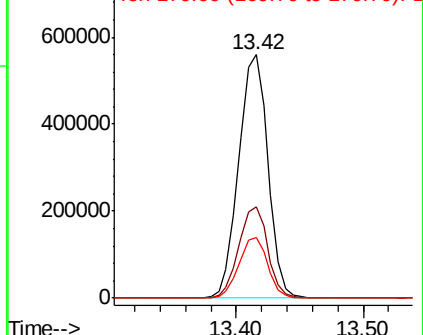
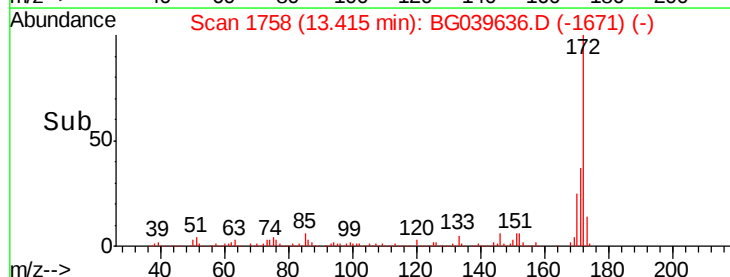


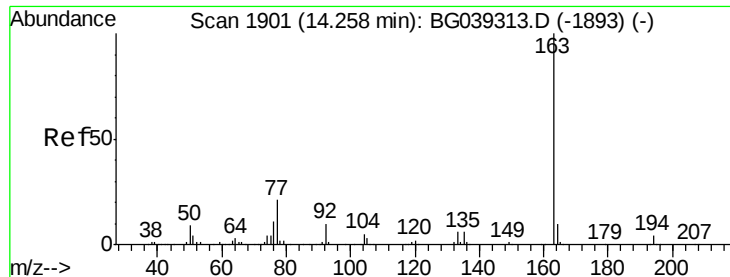
Abundance

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: 4.384 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

Instrument :

BNA_G

ClientSampleId :

B-9(7.5-8.5)

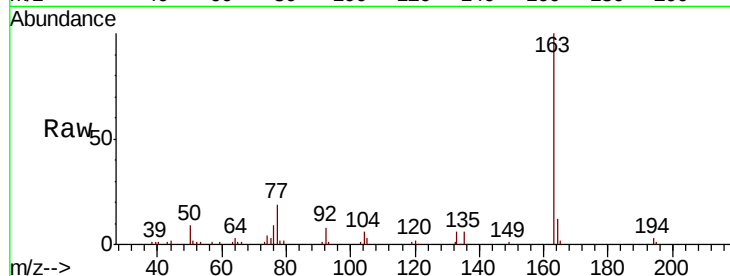
Tot Ion:163 Resp: 51502

Ion Ratio Lower Upper

163 100

194 3.3 3.6 5.4#

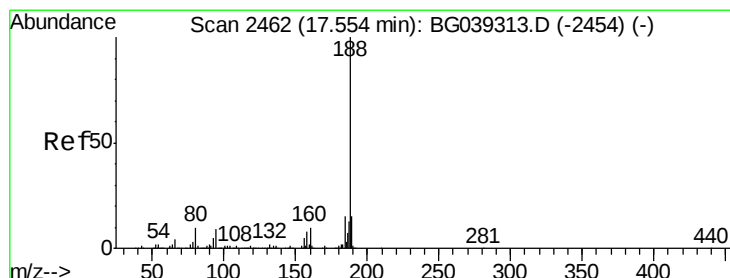
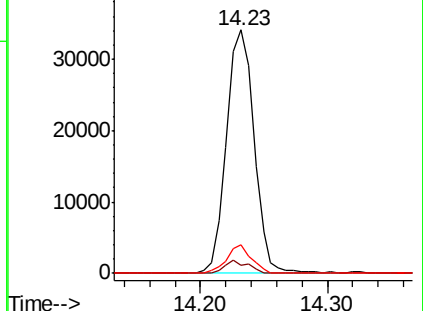
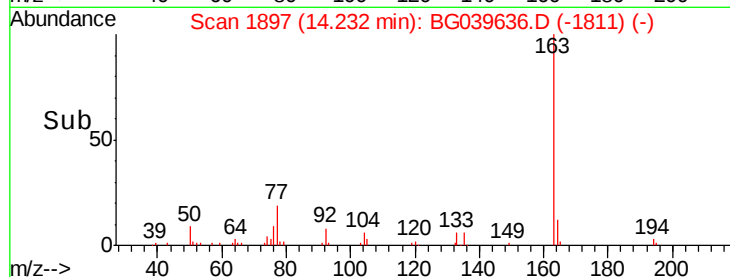
164 11.5 8.4 12.6



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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039636.D

Acq: 27 Feb 2019 15:59

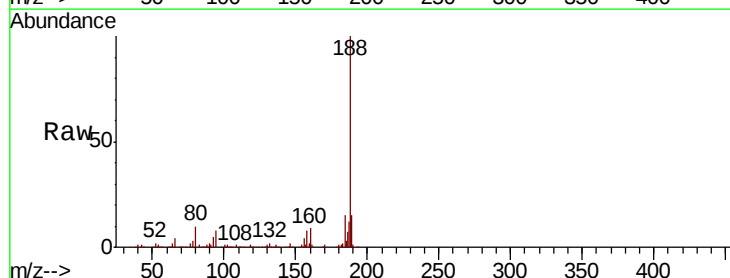
Tgt Ion:188 Resp: 362976

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

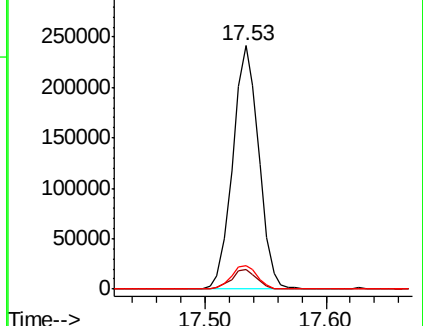
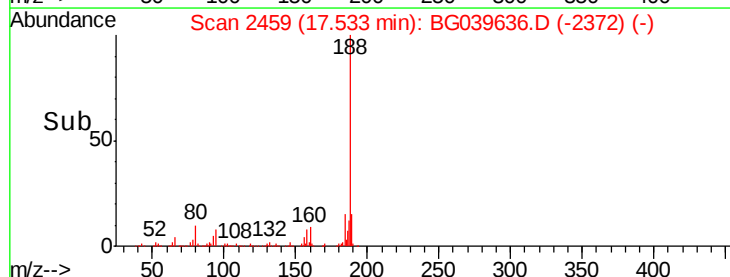
80 9.8 8.1 12.1

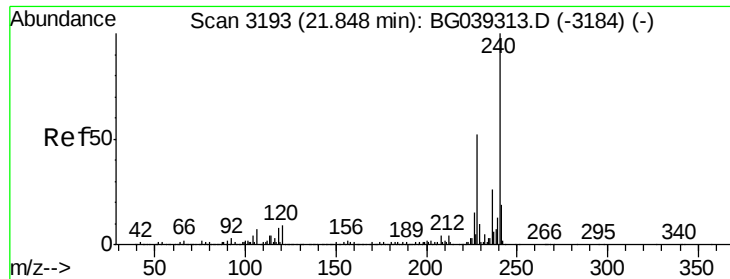


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

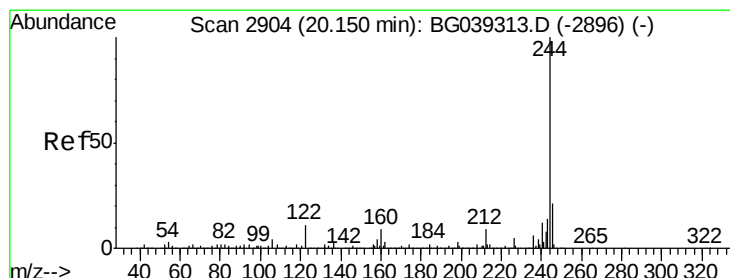
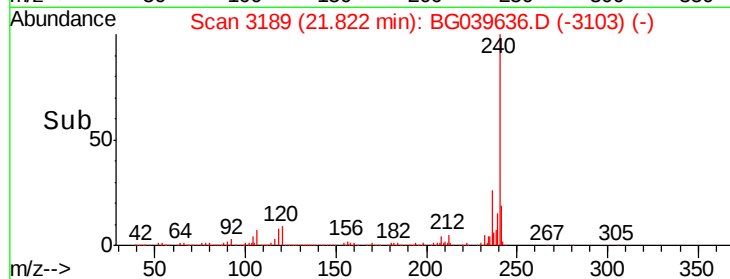
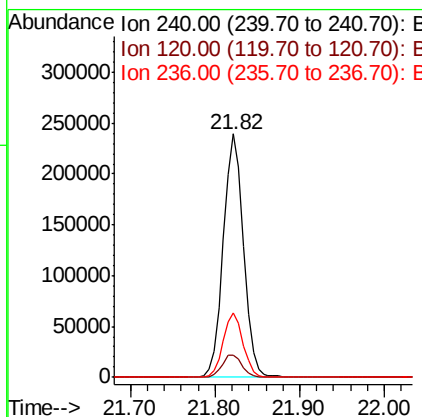
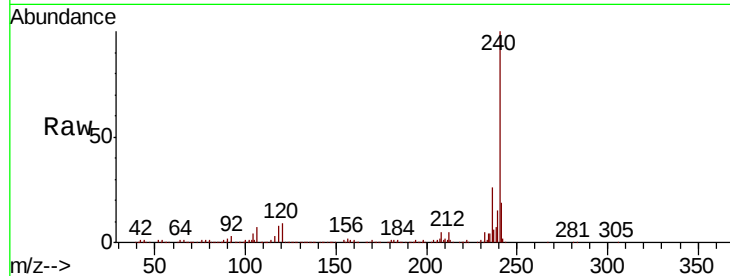




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039636.D
Acq: 27 Feb 2019 15:59

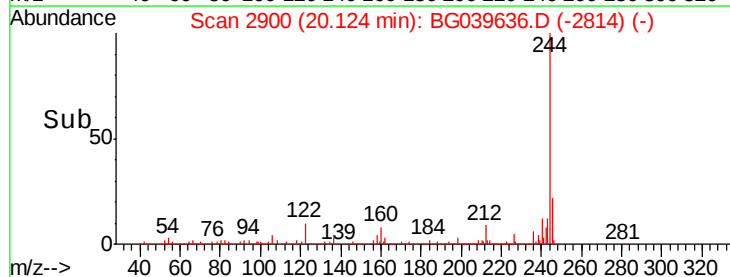
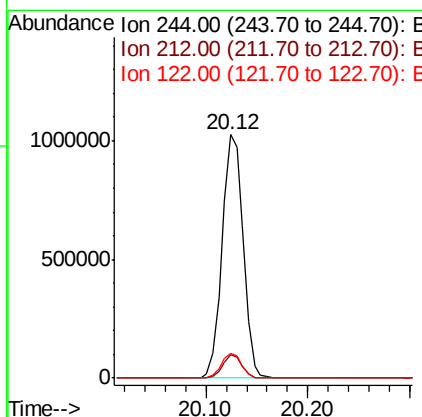
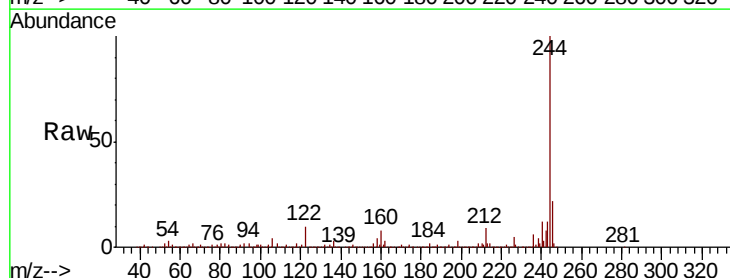
Instrument :
BNA_G
ClientSampleId :
B-9(7.5-8.5)

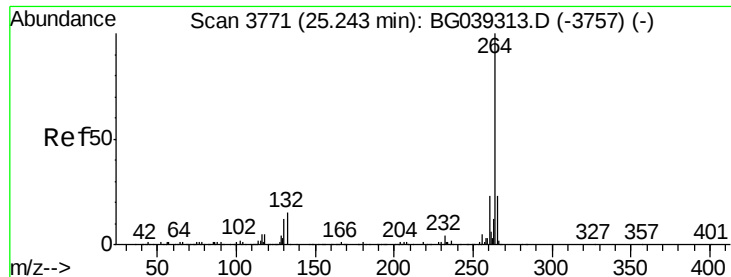
Tot Ion:240 Resp: 394802
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 78.936 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039636.D
Acq: 27 Feb 2019 15:59

Tgt Ion:244 Resp: 1472299
Ion Ratio Lower Upper
244 100
212 9.4 7.3 10.9
122 10.3 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039636.D
Acq: 27 Feb 2019 15:59

Instrument :
BNA_G
ClientSampleId :
B-9(7.5-8.5)

Tot Ion:	264	Resp:	403371
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.7	18.5	27.7

