

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039406.D
 Acq On : 8 Feb 2019 7:27
 Operator : JU/SJ
 Sample : K1389-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-7-S

Quant Time: Feb 09 00:55:36 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	8.18	152	50522	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	216825	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	143210	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	345327	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	376119	20.00	ng	-0.02
87) Perylene-d12	25.22	264	355018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432825	146.63	ng	0.00
7) Phenol-d6	7.31	99	576635	132.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	394502	113.66	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	199935	129.65	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	948671	95.03	ng	-0.01
79) Terphenyl-d14	20.14	244	1586409	89.28	ng	-0.01

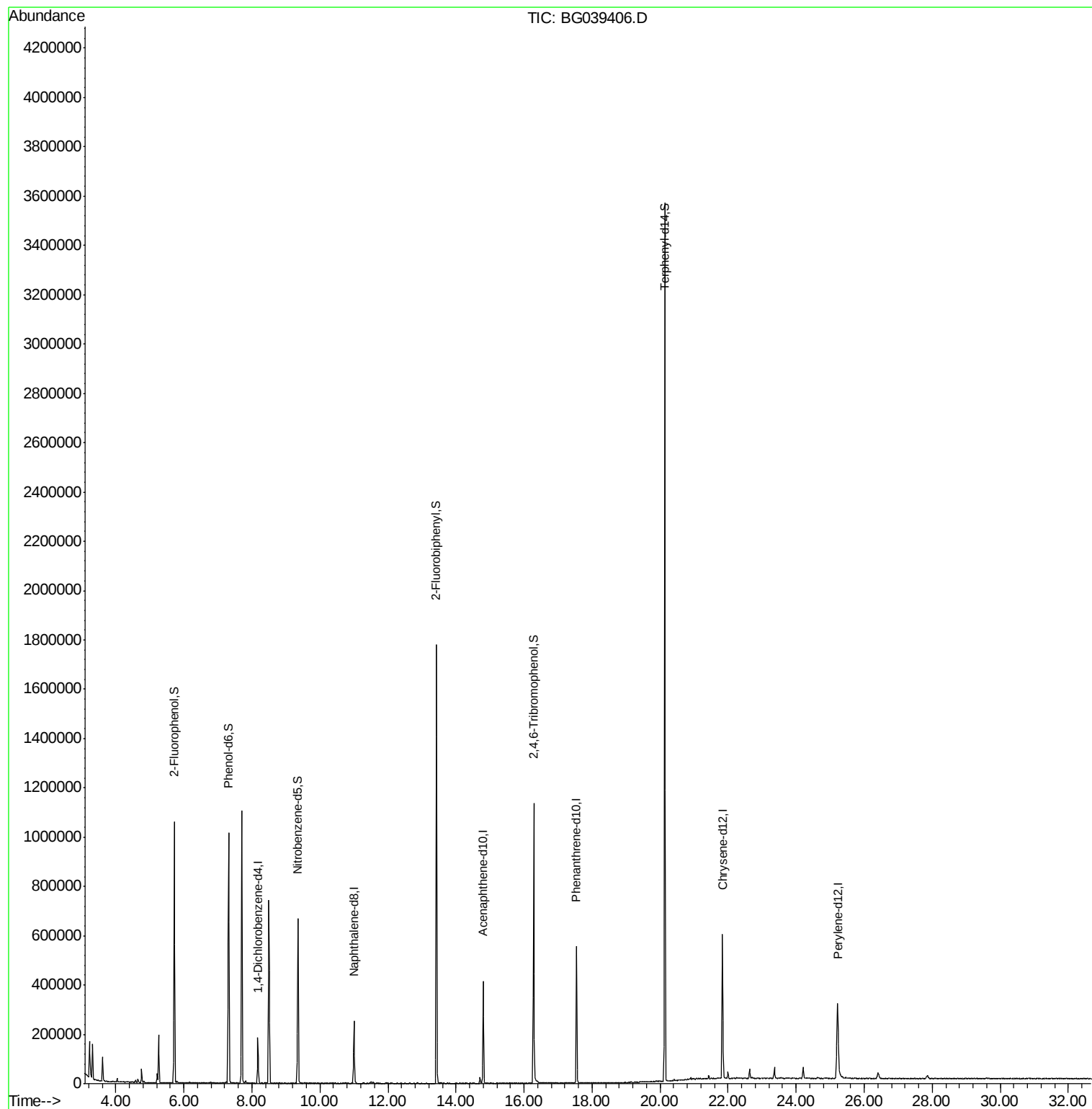
Target Compounds Qvalue

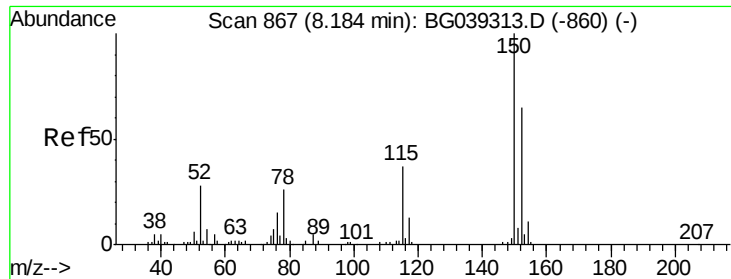
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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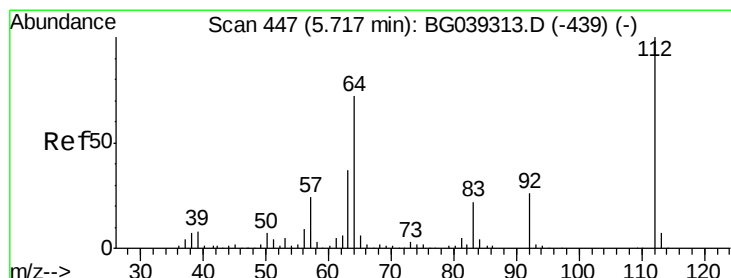
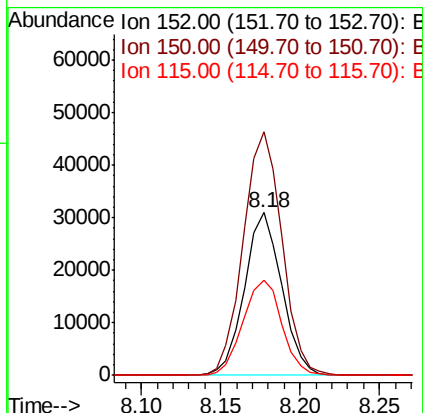
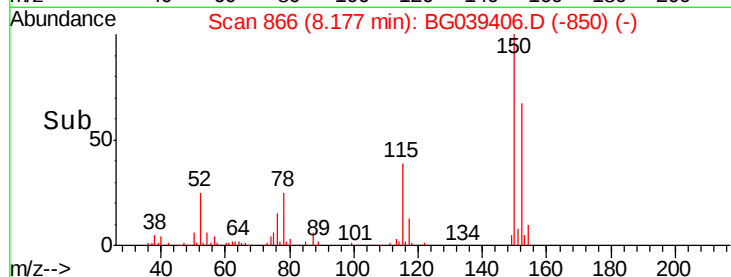
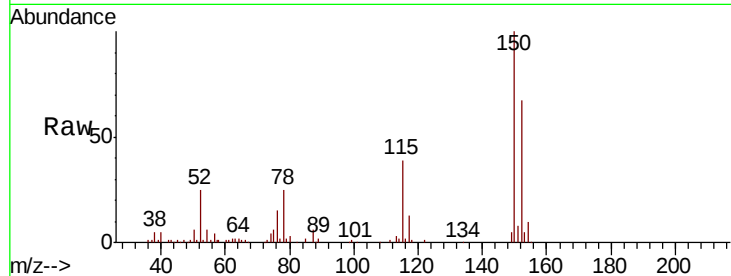


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Instrument :
BNA_G
ClientSampleId :
M-7-S

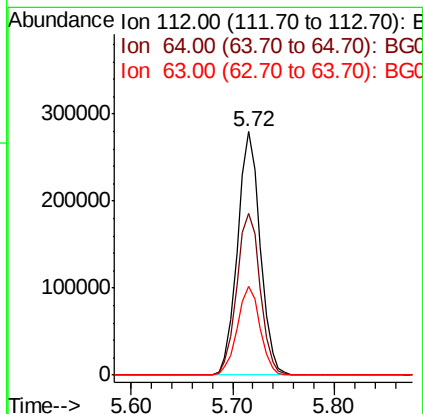
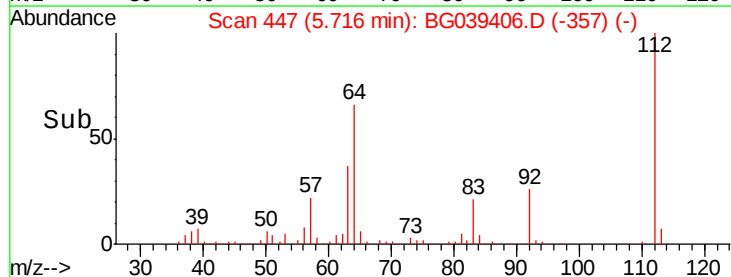
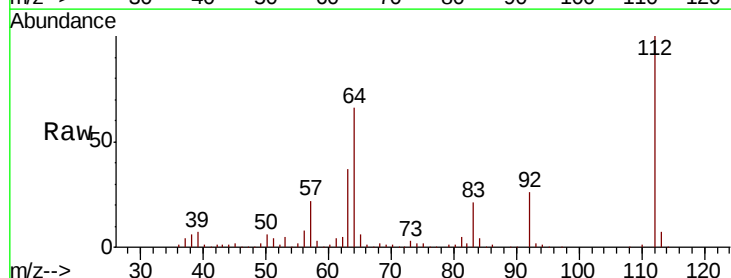
Tot Ion:152 Resp: 50522
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 58.2 45.9 68.9

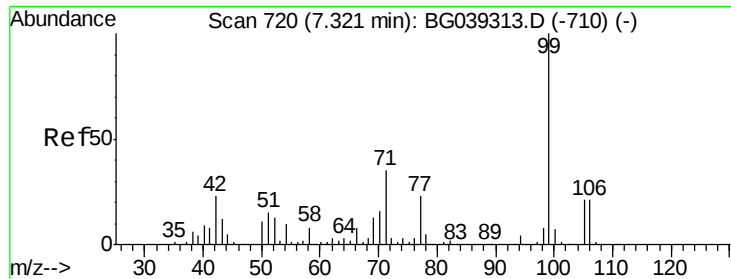


#5

2-Fluorophenol
Concen: 146.626 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039406.D
Acq: 8 Feb 2019 7:27

Tgt Ion:112 Resp: 432825
Ion Ratio Lower Upper
112 100
64 66.2 57.8 86.8
63 36.7 29.8 44.6





#7

Phenol-d6

Concen: 132.709 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Instrument :

BNA_G

ClientSampleId :

M-7-S

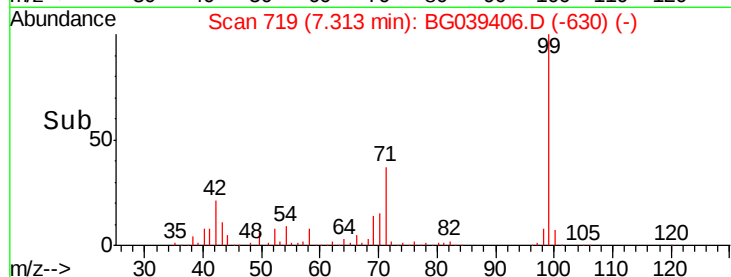
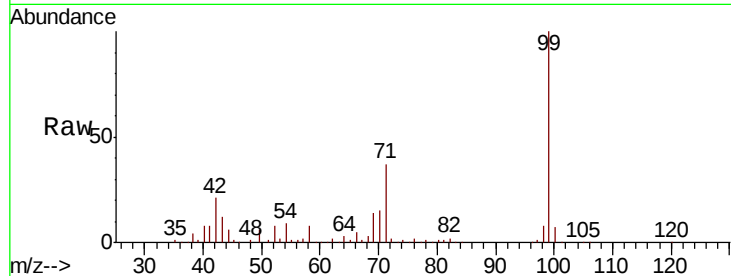
Tot Ion: 99 Resp: 576635

Ion Ratio Lower Upper

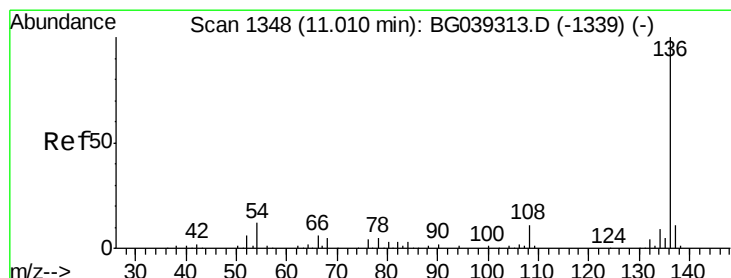
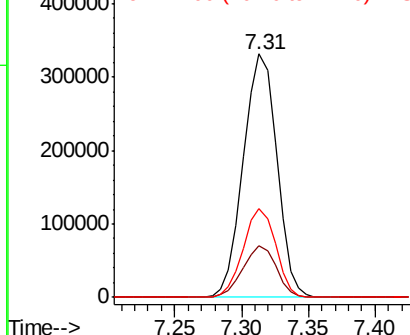
99 100

42 21.3 18.2 27.2

71 36.6 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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Tgt Ion: 136 Resp: 216825

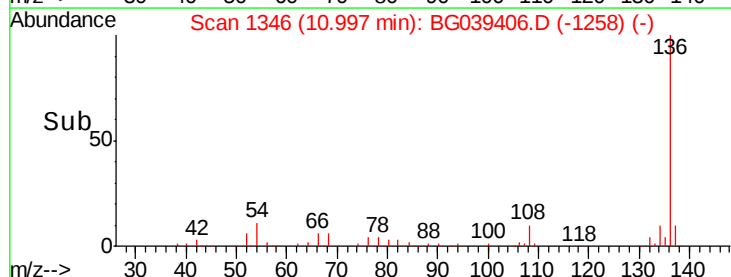
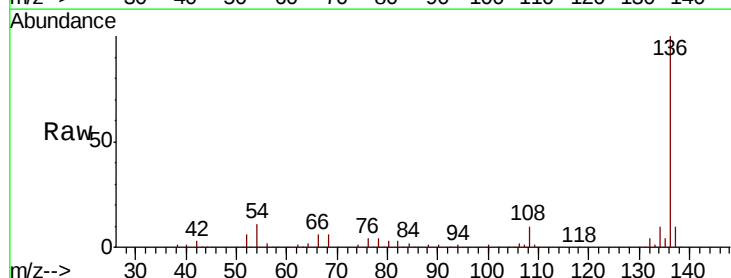
Ion Ratio Lower Upper

136 100

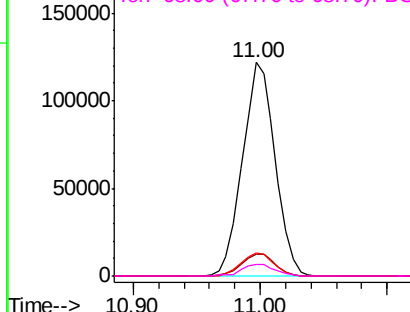
137 10.2 9.1 13.7

54 10.6 9.4 14.2

68 5.6 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: 113.664 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Instrument :

BNA_G

ClientSampled :

M-7-S

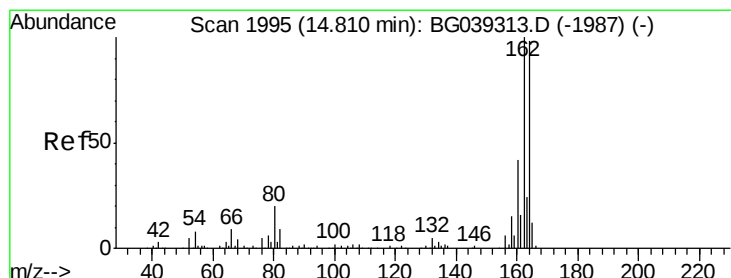
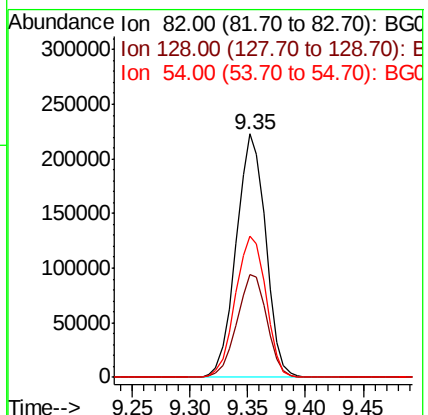
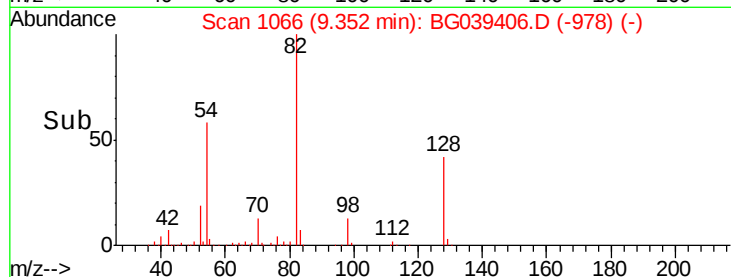
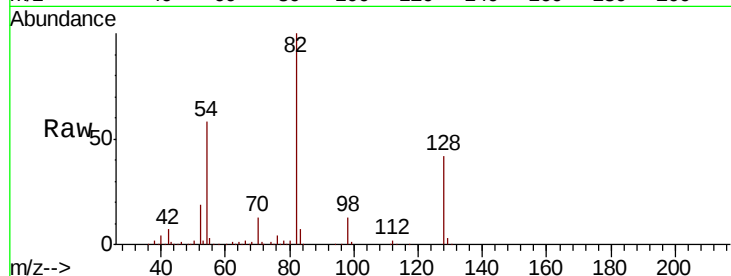
Tot Ion: 82 Resp: 394502

Ion Ratio Lower Upper

82 100

128 42.4 31.3 46.9

54 58.1 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

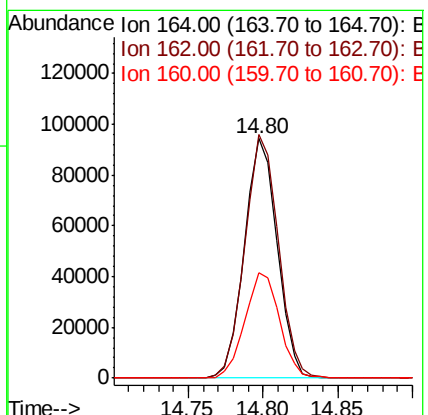
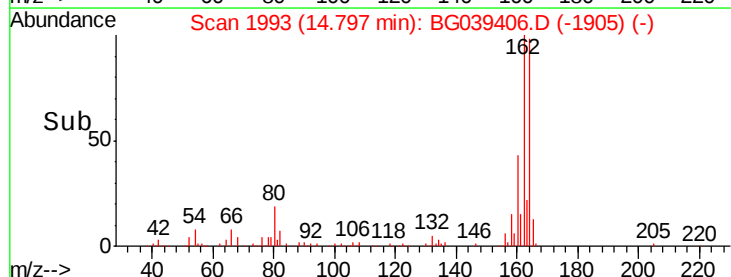
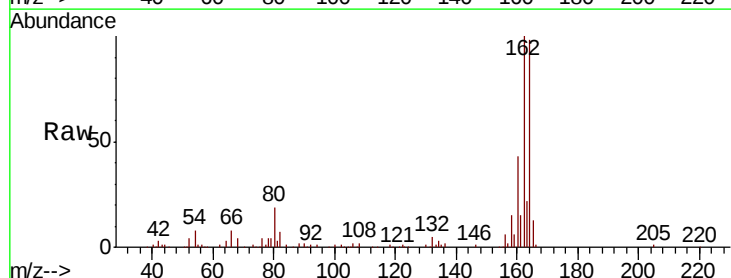
Tgt Ion:164 Resp: 143210

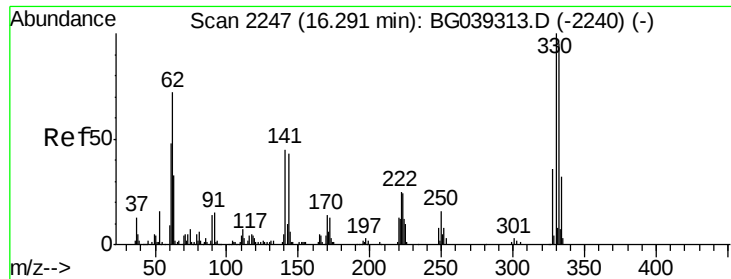
Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

160 44.1 34.2 51.2

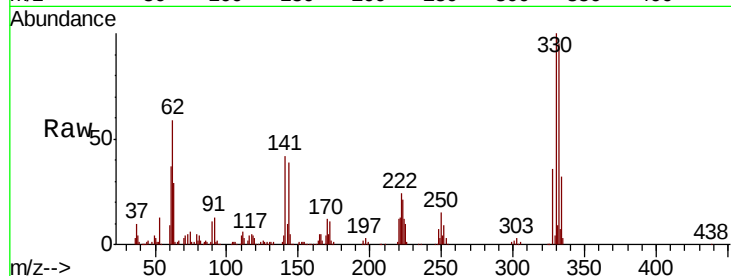




#42
 2,4,6-Tribromophenol
 Concen: 129.649 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039406.D
 Acq: 8 Feb 2019 7:27

Instrument :
 BNA_G
 ClientSampleId :
 M-7-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.7	113.5
141	42.7	35.6	53.4

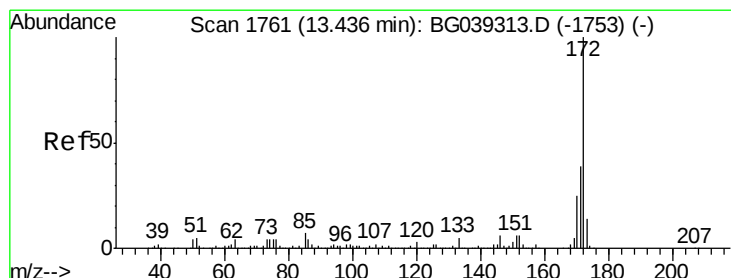
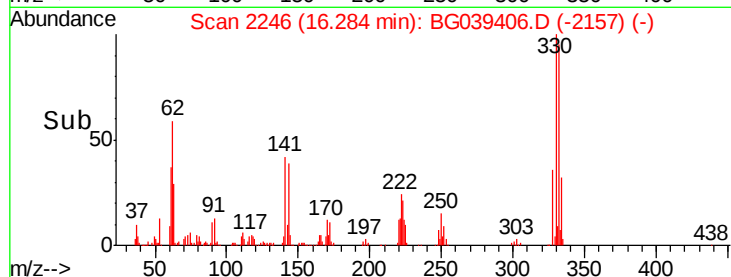
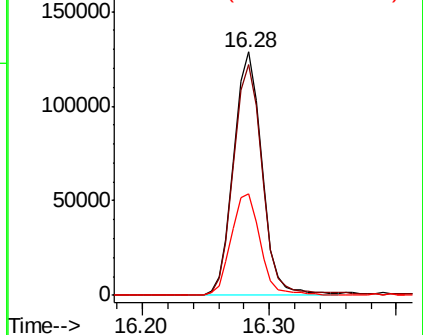


Abundance

Ion 329.80 (329.50 to 330.50): E

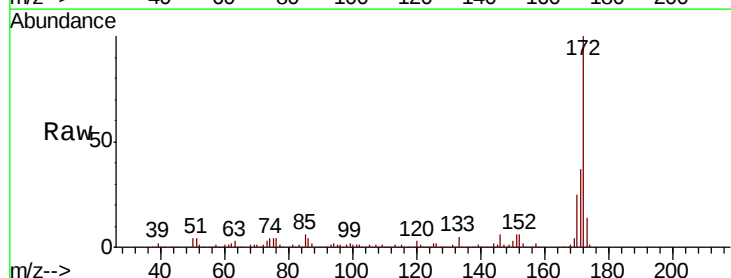
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.029 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039406.D
 Acq: 8 Feb 2019 7:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.9	20.2	30.4

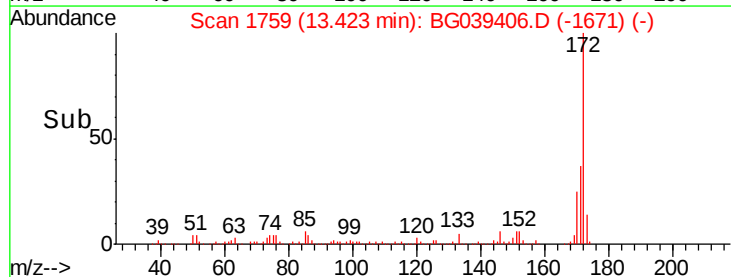
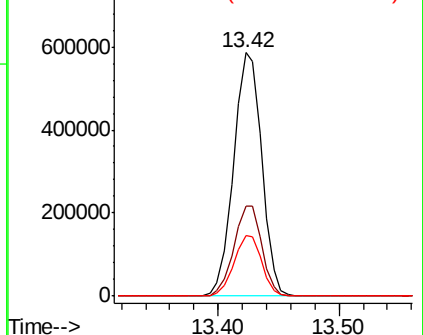


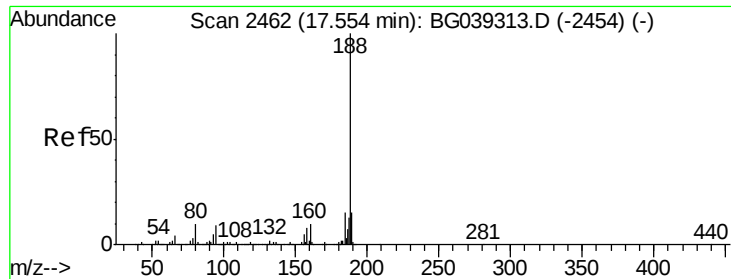
Abundance

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Instrument :

BNA_G

ClientSampleId :

M-7-S

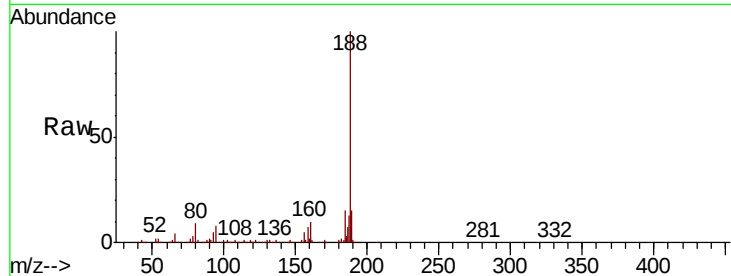
Tot Ion:188 Resp: 345327

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

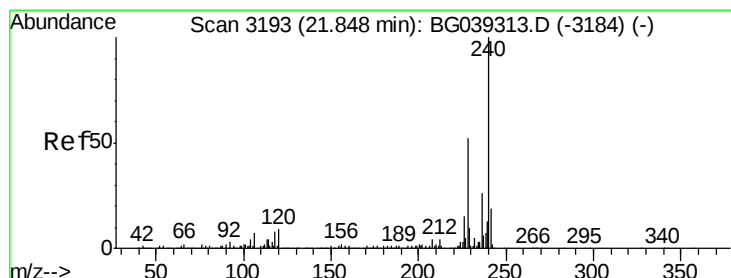
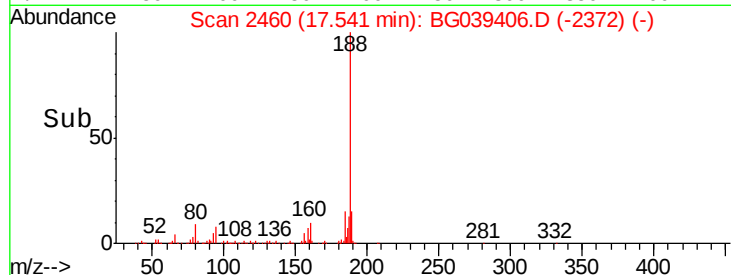
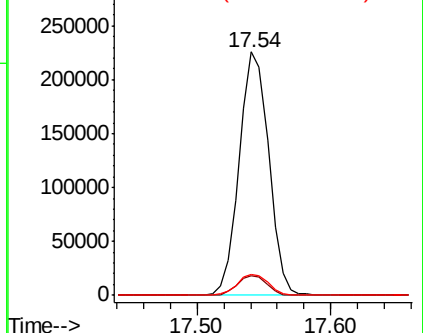
80 8.8 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

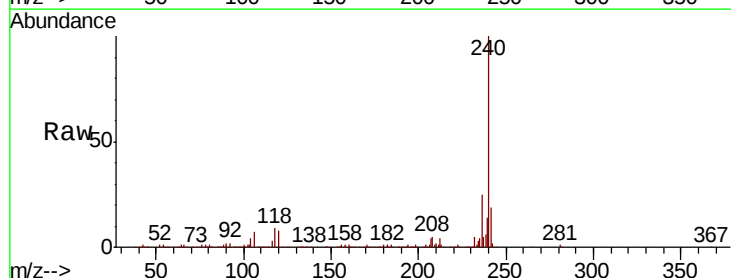
Tgt Ion:240 Resp: 376119

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

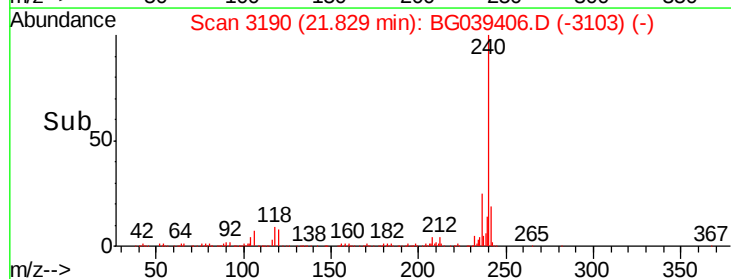
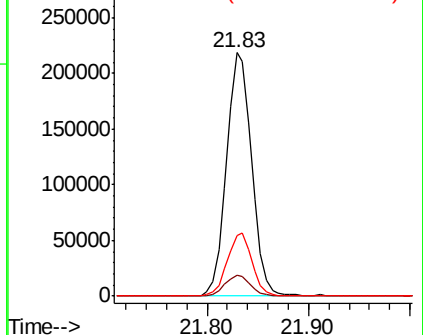
236 24.7 21.0 31.4



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: 89.278 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Instrument :

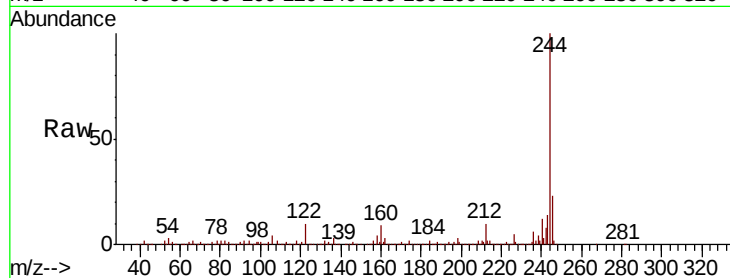
BNA_G

ClientSampleId :

M-7-S

Tot Ion:244 Resp: 1586409

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	9.8	8.4	12.6

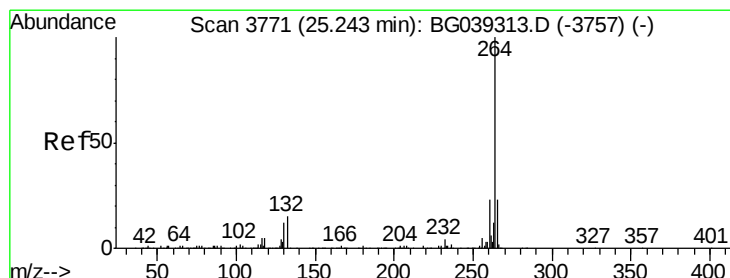
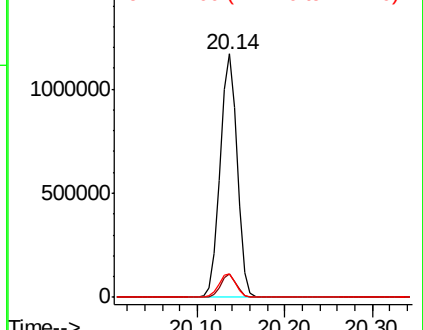
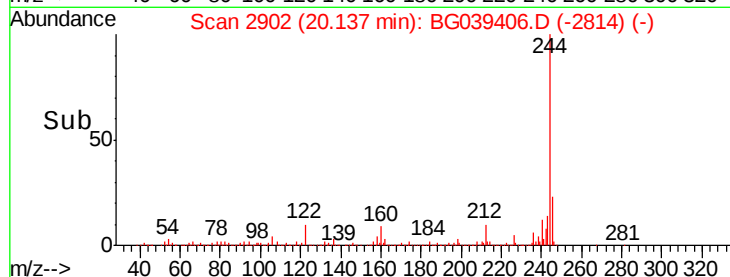


Abundance

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: 25.22 min Scan# 3767

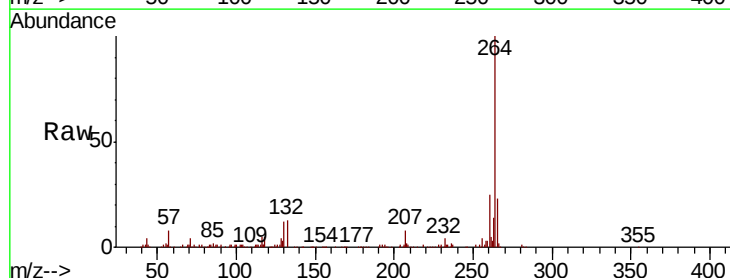
Delta R.T. -0.02 min

Lab File: BG039406.D

Acq: 8 Feb 2019 7:27

Tgt Ion:264 Resp: 355018

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	23.2	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

