

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039706.D
 Acq On : 2 Mar 2019 3:31
 Operator : JU/SJ
 Sample : K1675-41
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-14-B

Quant Time: Mar 02 06:05:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

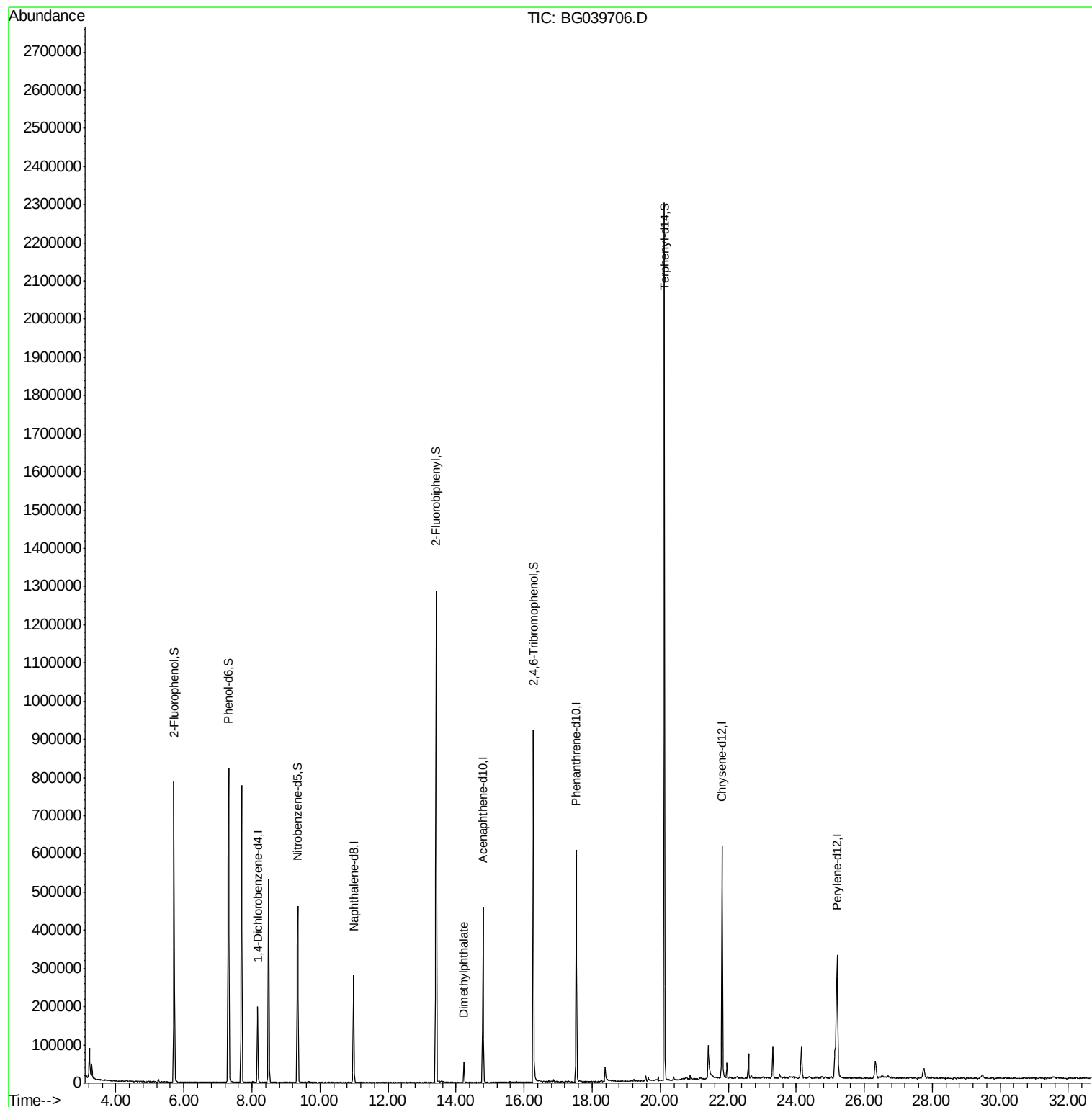
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54078	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	239843	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	162956	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	385834	20.00	ng	0.00
76) Chrysene-d12	21.82	240	389621	20.00	ng	0.00
87) Perylene-d12	25.20	264	385775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	331314	104.86	ng	0.00
7) Phenol-d6	7.31	99	477923	102.76	ng	0.00
23) Nitrobenzene-d5	9.34	82	282546	73.59	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	170769	97.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	692329	60.95	ng	0.00
79) Terphenyl-d14	20.12	244	1043640	56.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.23	163	38516	2.927	ng	Qvalue 96

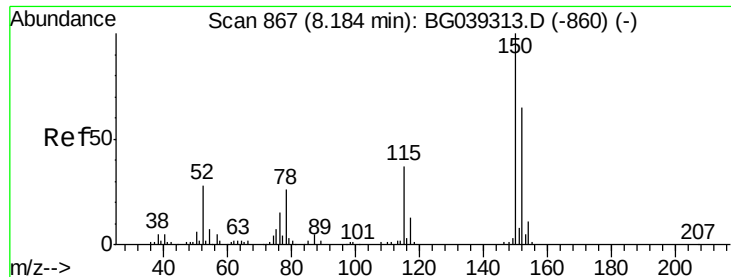
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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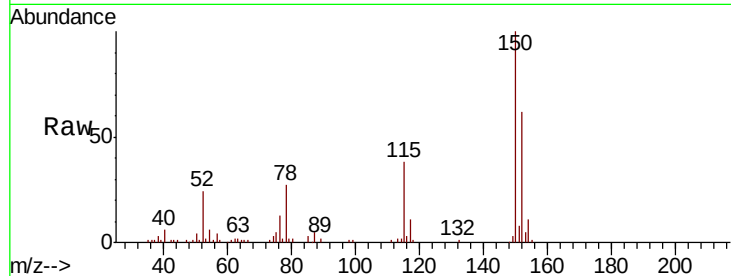


#1

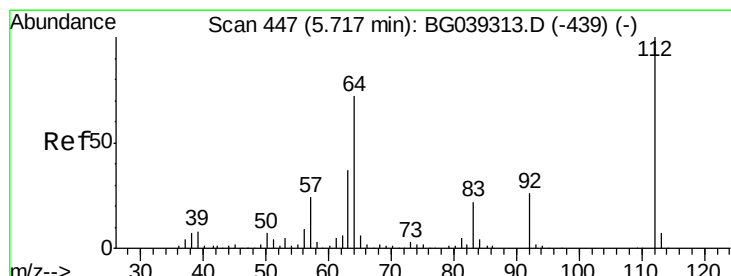
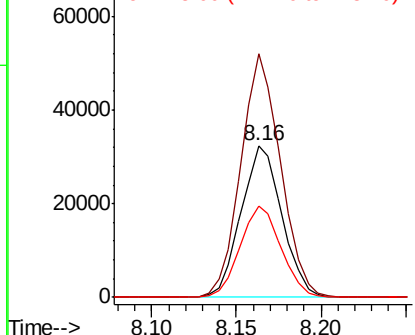
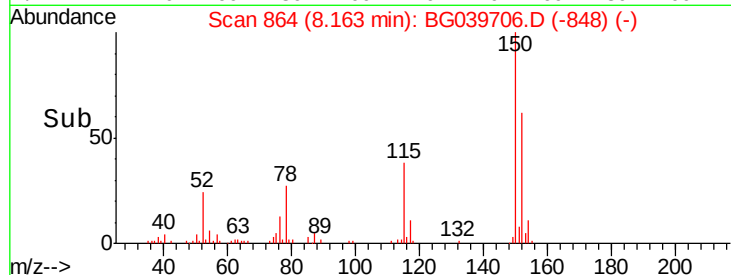
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Instrument :
BNA_G
ClientSampleId :
Z-3-14-B

Tot Ion:152 Resp: 54078
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 60.6 45.9 68.9



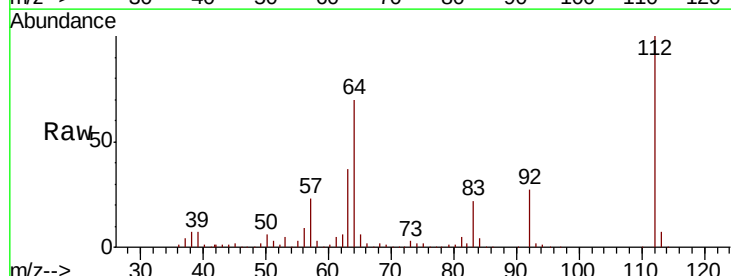
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



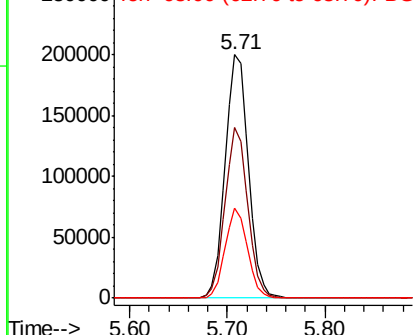
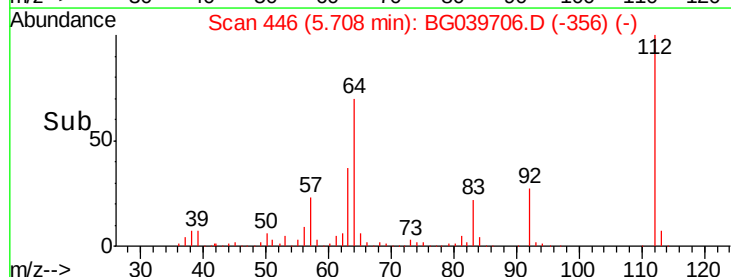
#5

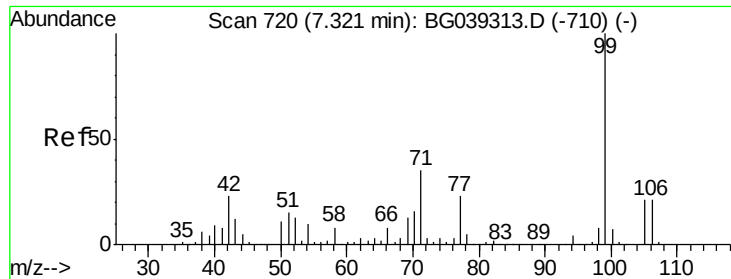
2-Fluorophenol
Concen: 104.857 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion:112 Resp: 331314
Ion Ratio Lower Upper
112 100
64 70.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.758 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampled :

Z-3-14-B

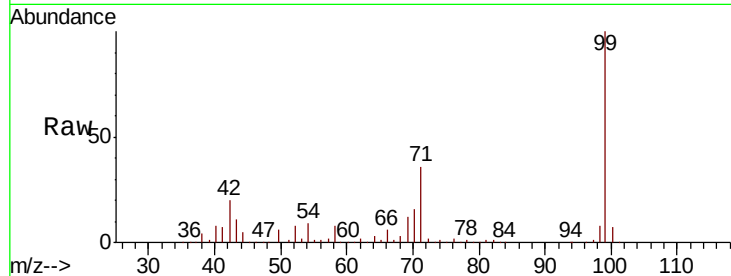
Tot Ion: 99 Resp: 477923

Ion Ratio Lower Upper

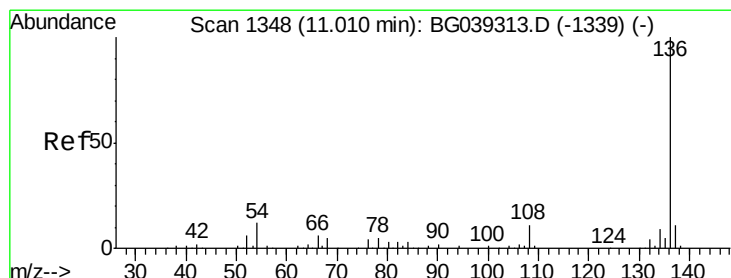
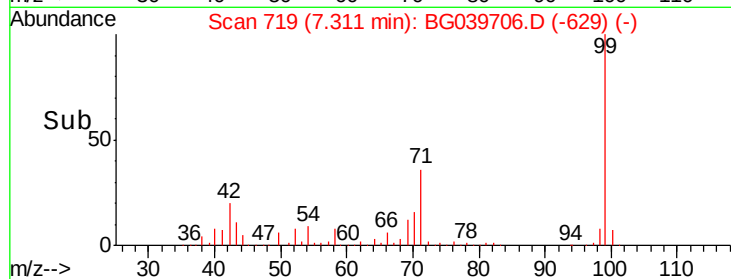
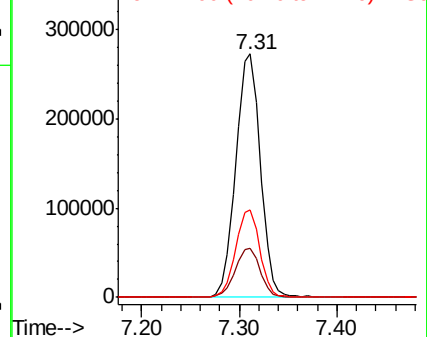
99 100

42 20.2 18.2 27.2

71 36.0 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# 1345

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Tgt Ion: 136 Resp: 239843

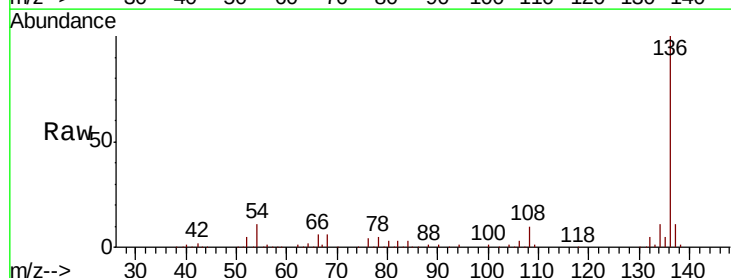
Ion Ratio Lower Upper

136 100

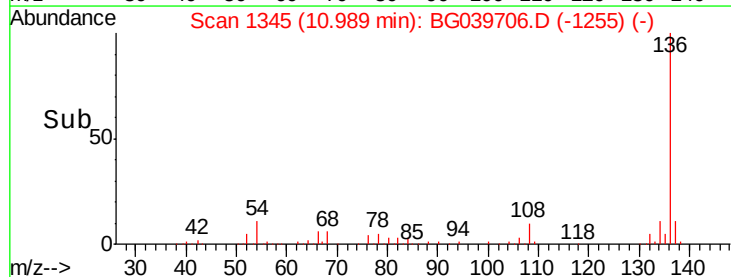
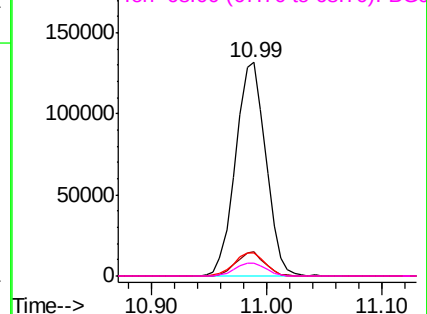
137 11.5 9.1 13.7

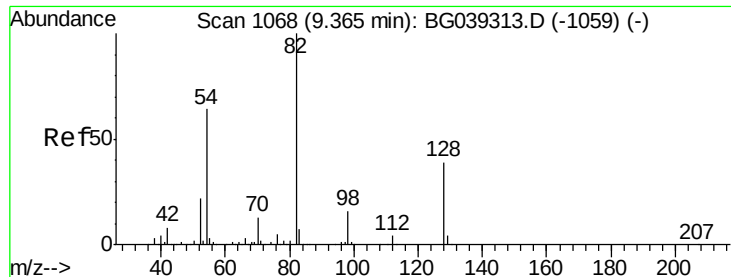
54 10.8 9.4 14.2

68 5.8 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

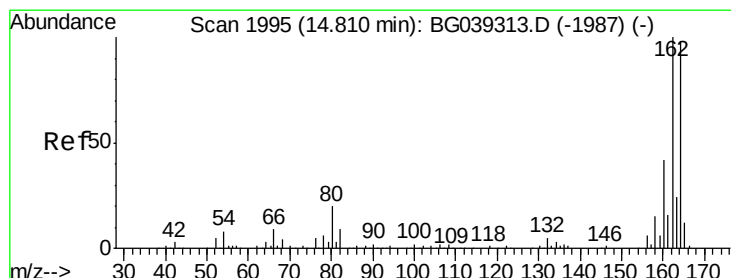
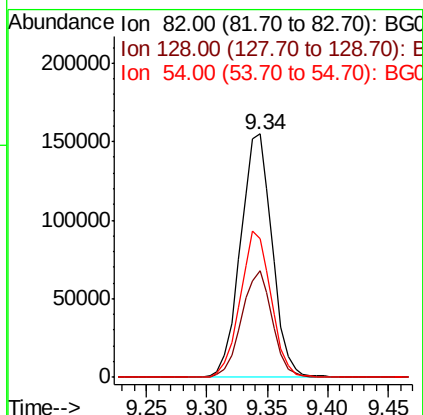
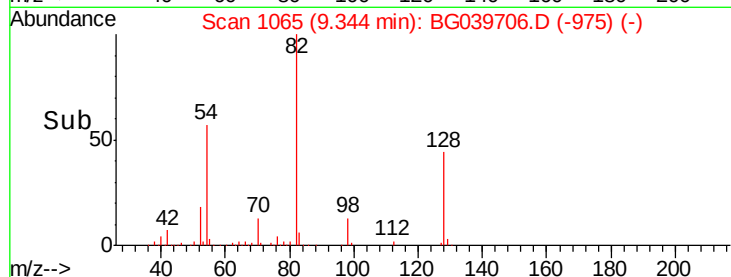
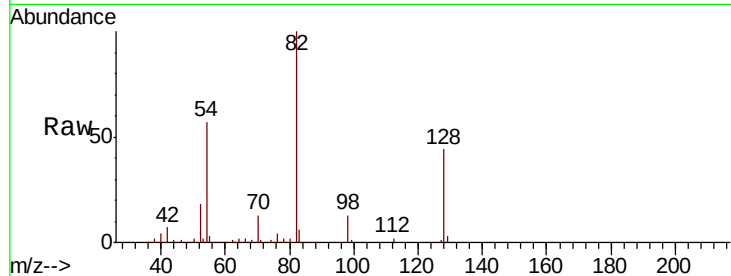




#23
Nitrobenzene-d5
Concen: 73.594 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

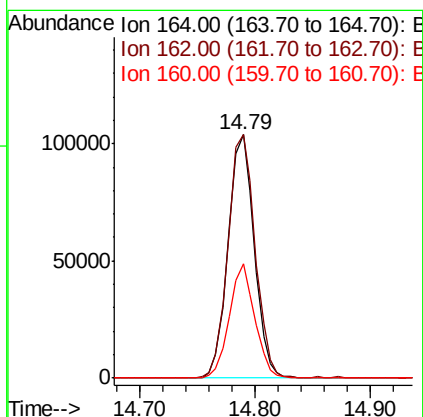
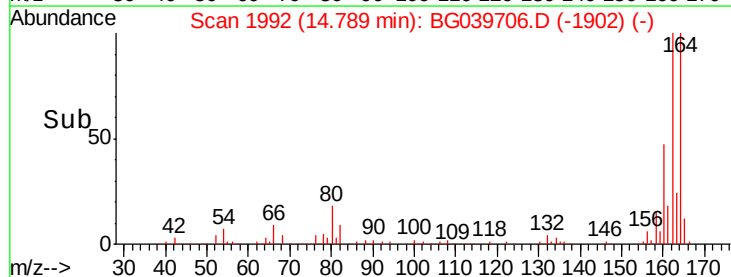
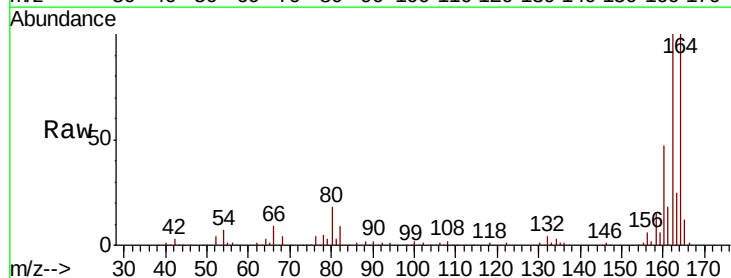
Instrument :
BNA_G
ClientSampleId :
Z-3-14-B

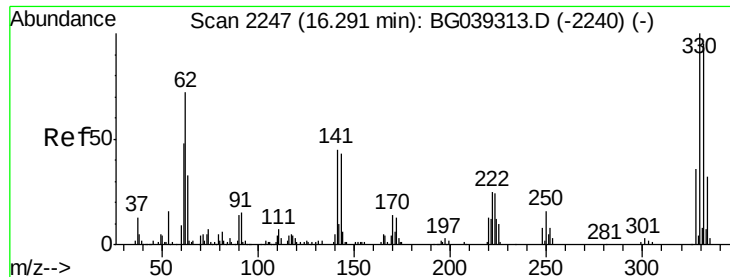
Tot Ion: 82 Resp: 282546
Ion Ratio Lower Upper
82 100
128 43.6 31.3 46.9
54 57.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Tgt Ion: 164 Resp: 162956
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 46.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 97.318 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampled :

Z-3-14-B

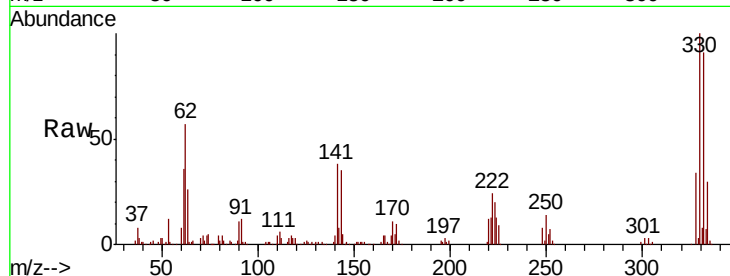
Tot Ion:330 Resp: 170769

Ion Ratio Lower Upper

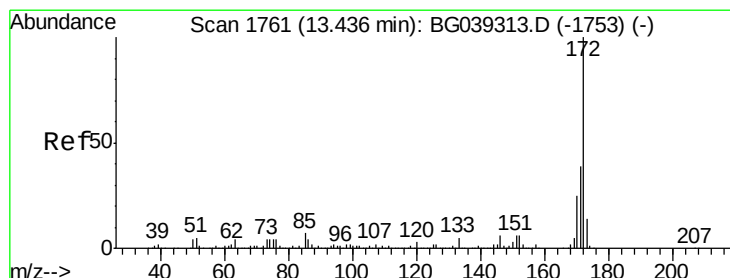
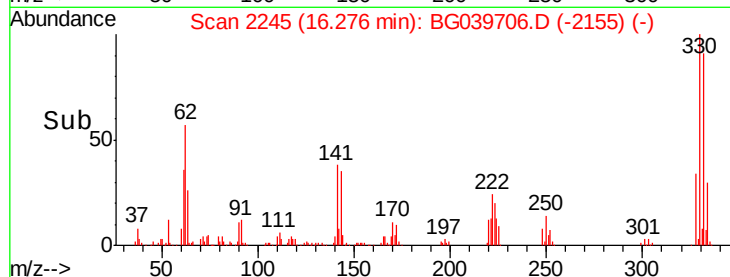
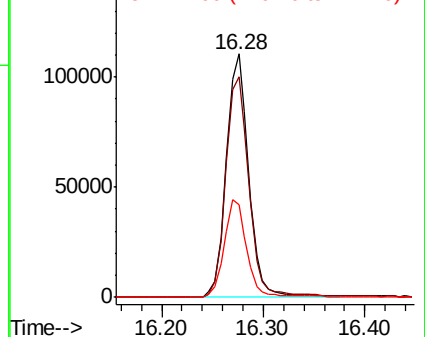
330 100

332 93.8 75.7 113.5

141 39.9 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: 60.948 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

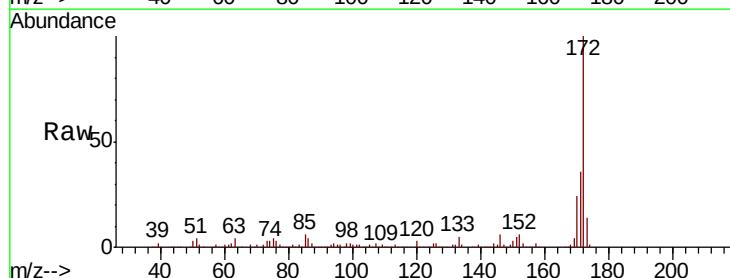
Tgt Ion:172 Resp: 692329

Ion Ratio Lower Upper

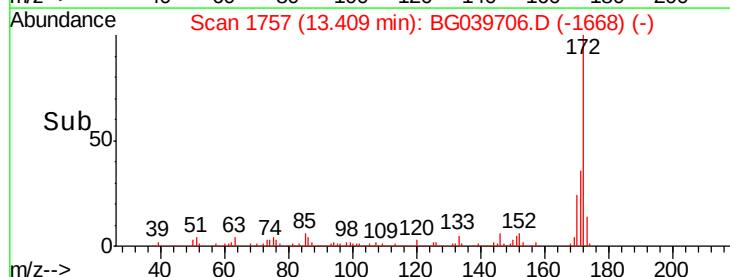
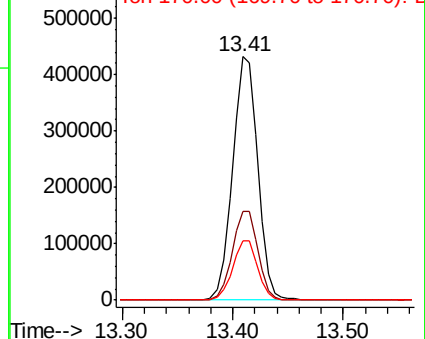
172 100

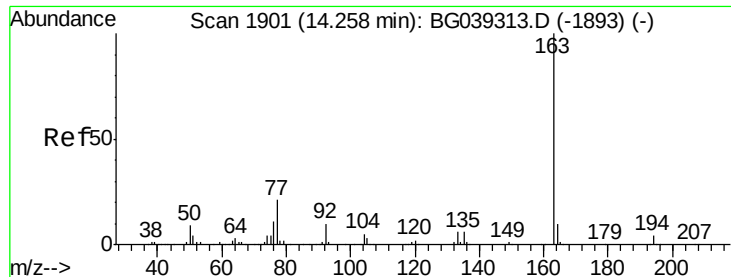
171 36.2 30.8 46.2

170 24.4 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: 2.927 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

Instrument :

BNA_G

ClientSampleId :

Z-3-14-B

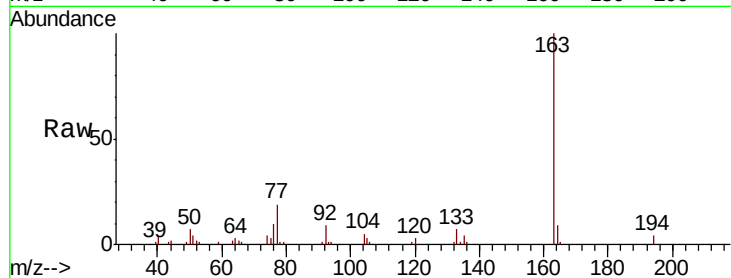
Tot Ion:163 Resp: 38516

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

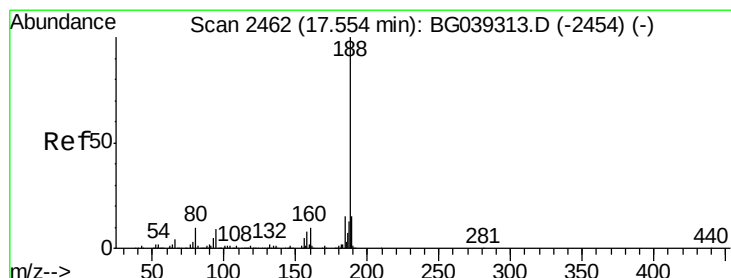
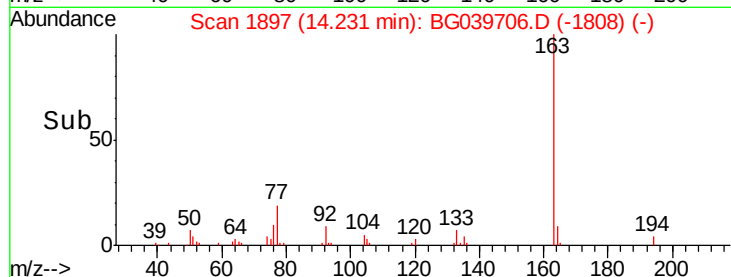
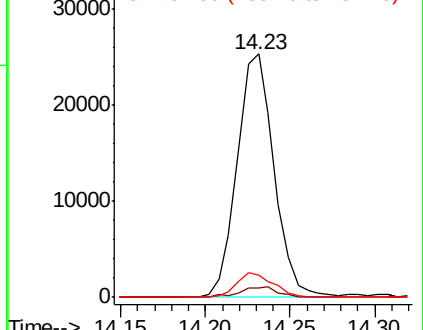
164 9.0 8.4 12.6



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: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039706.D

Acq: 2 Mar 2019 3:31

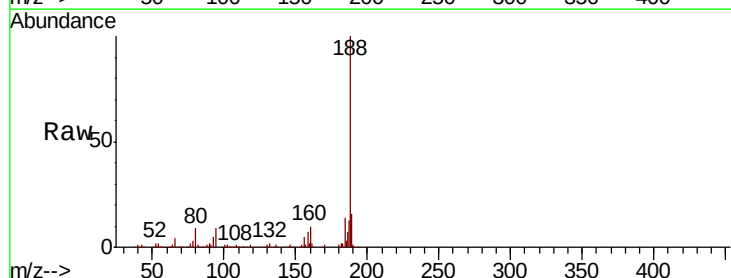
Tgt Ion:188 Resp: 385834

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

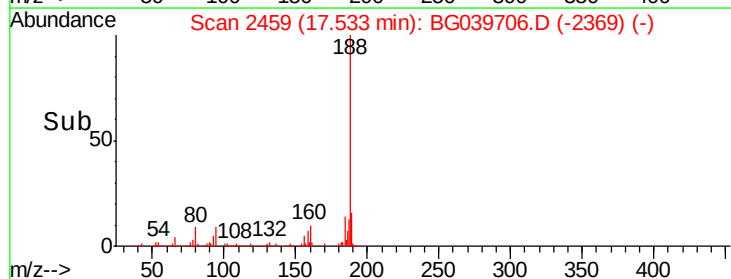
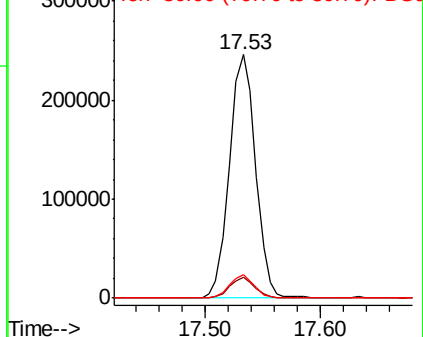
80 9.4 8.1 12.1

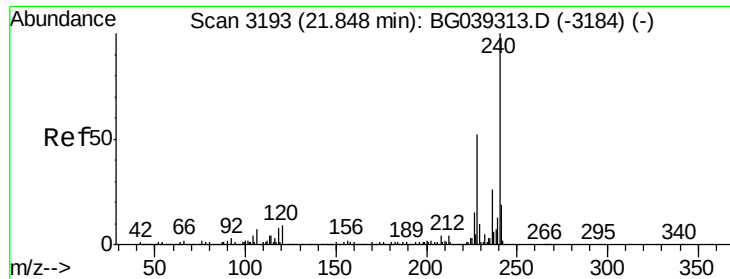


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

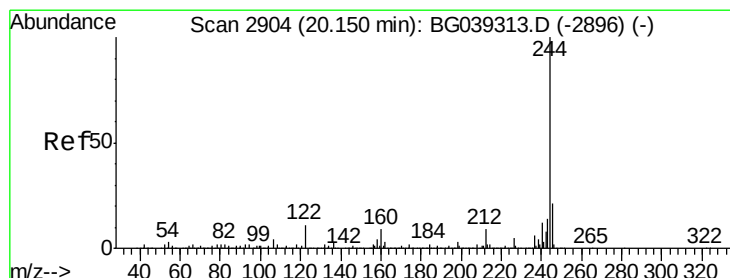
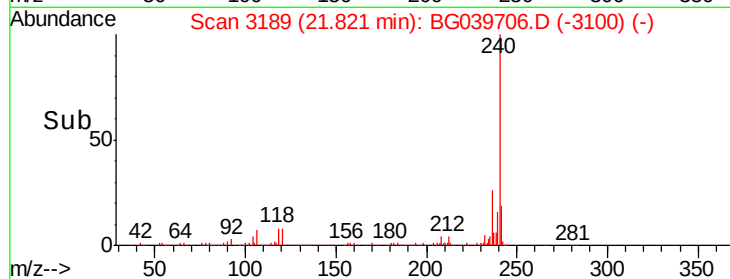
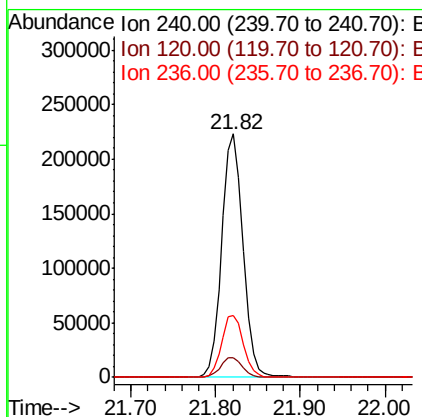
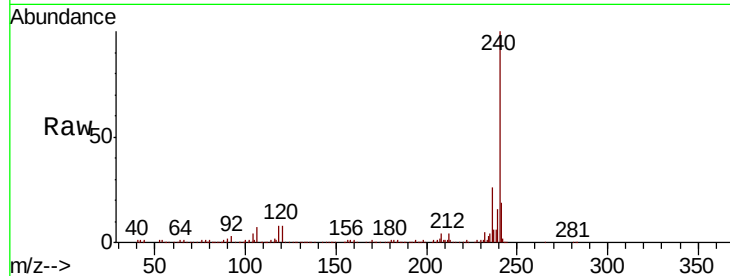




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

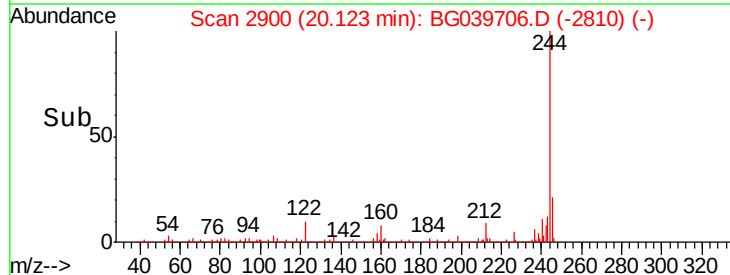
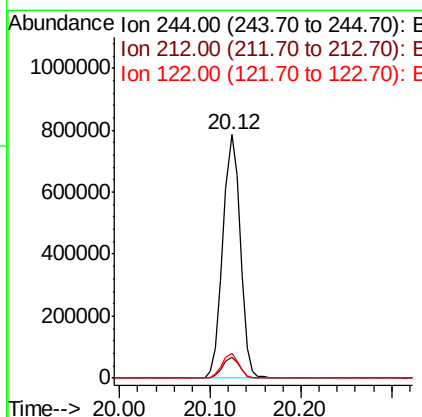
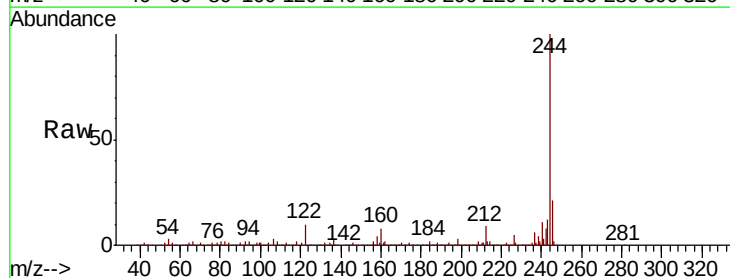
Instrument :
 BNA_G
 ClientSampleId :
 Z-3-14-B

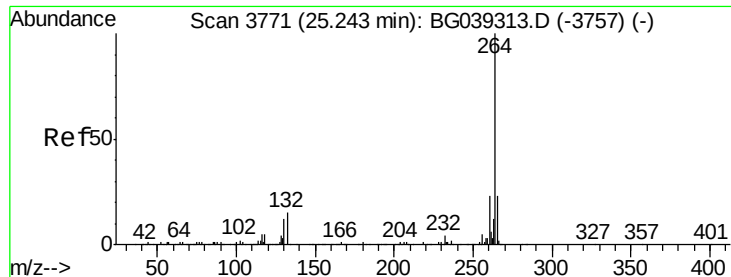
Tot Ion:240 Resp: 389621
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.0 10.6
 236 25.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 56.698 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039706.D
 Acq: 2 Mar 2019 3:31

Tgt Ion:244 Resp: 1043640
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.3 10.9
 122 10.3 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.00 min
Lab File: BG039706.D
Acq: 2 Mar 2019 3:31

Instrument :
BNA_G
ClientSampleId :
Z-3-14-B

Tot Ion:	264	Resp:	385775
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.4	18.5	27.7

