

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039986.D
 Acq On : 19 Mar 2019 1:50
 Operator : JU/SJ
 Sample : K1938-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Quant Time: Mar 19 08:30:19 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

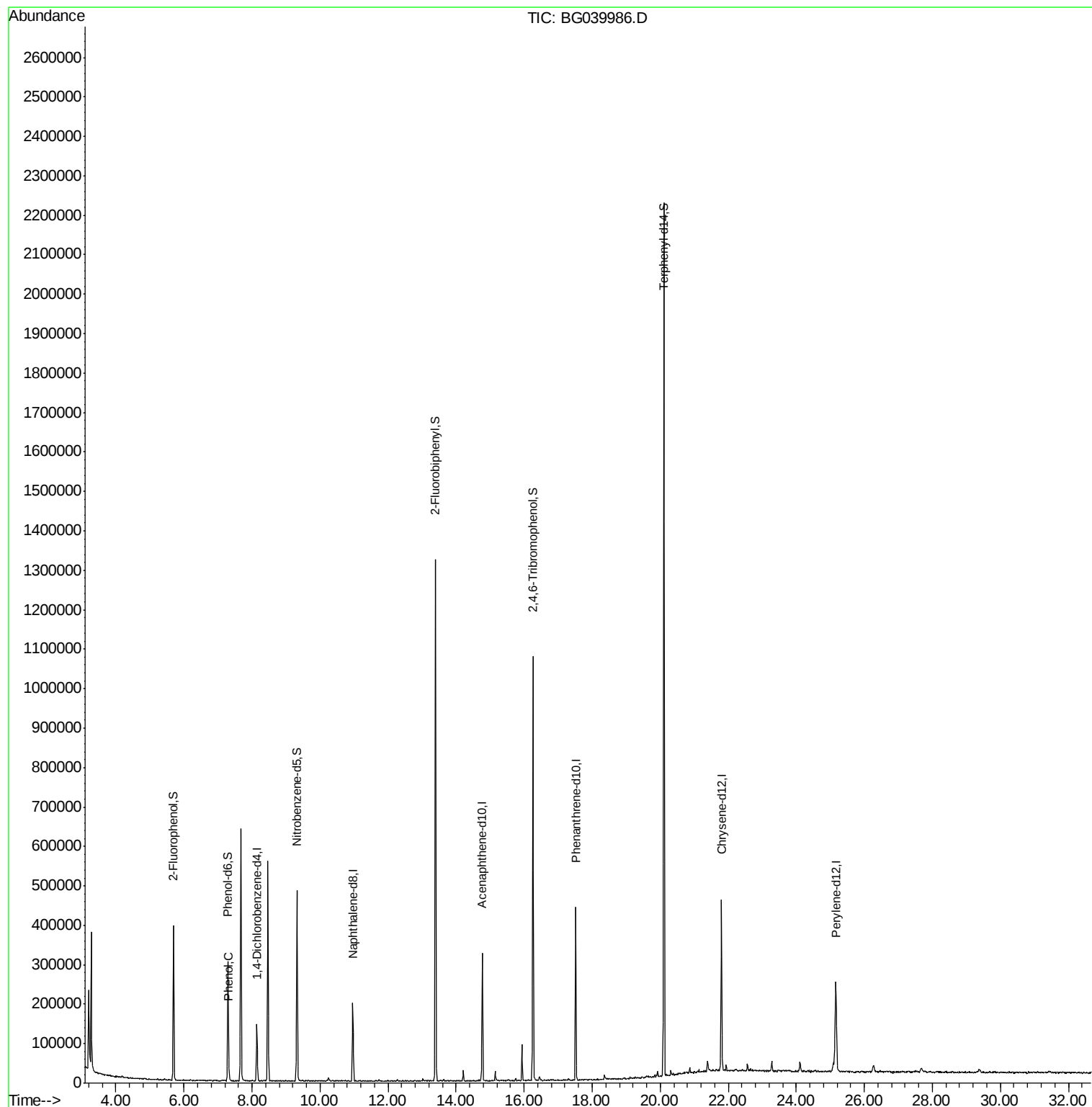
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38344	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163170	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	113613	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	263491	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	263756	20.00	ng	-0.03
87) Perylene-d12	25.16	264	261778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	156252	69.52	ng	-0.02
7) Phenol-d6	7.29	99	165675	49.44	ng	-0.02
23) Nitrobenzene-d5	9.33	82	288123	95.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	179859	135.82	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	696179	87.25	ng	-0.03
79) Terphenyl-d14	20.11	244	1019493	85.11	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	10936	3.012	ng	Qvalue 80

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

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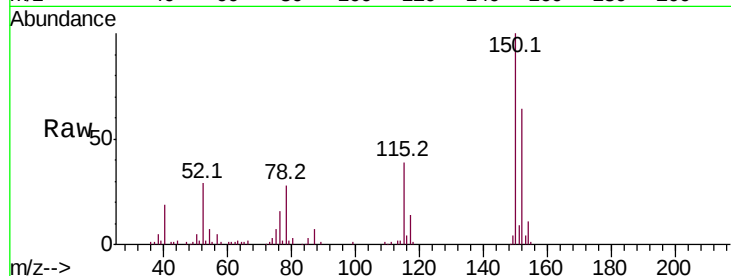


#1

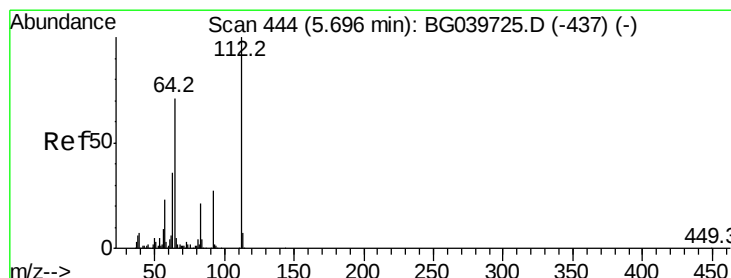
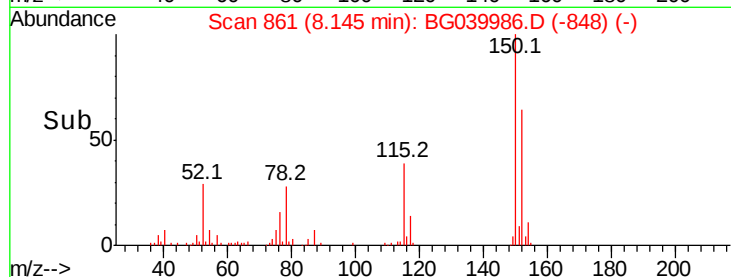
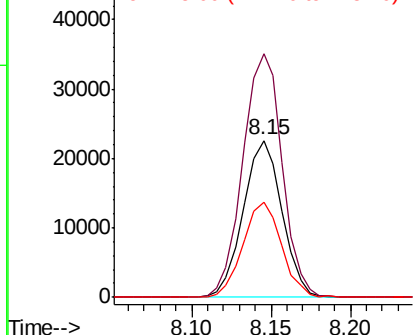
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Instrument :
BNA_G
ClientSampleId :
W-2

Tot Ion:152 Resp: 38344
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 60.8 45.9 68.9



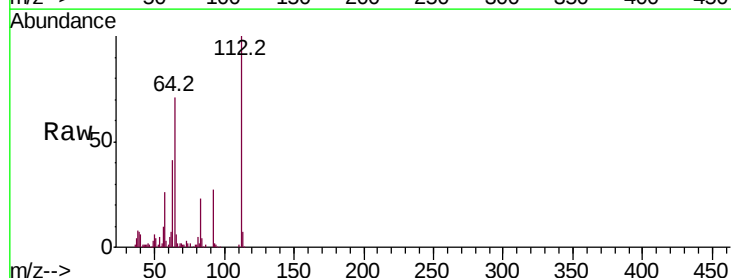
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



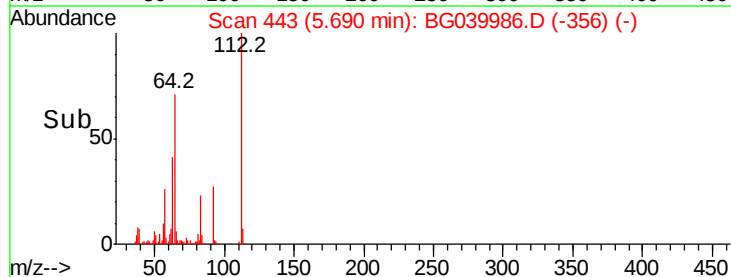
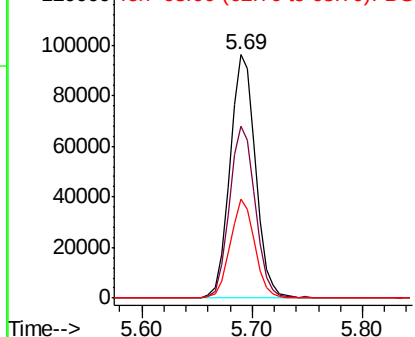
#5

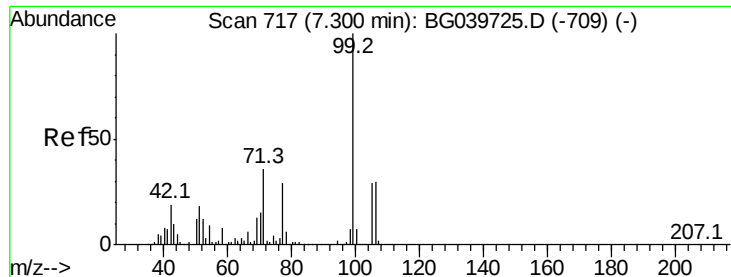
2-Fluorophenol
Concen: 69.520 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Tgt Ion:112 Resp: 156252
Ion Ratio Lower Upper
112 100
64 70.9 57.8 86.8
63 40.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 49.436 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039986.D

Acq: 19 Mar 2019 1:50

Instrument :

BNA_G

ClientSampled :

W-2

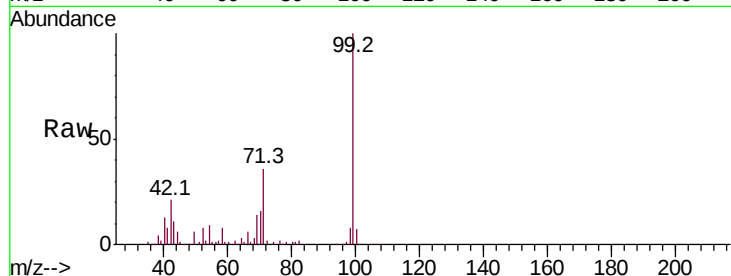
Tot Ion: 99 Resp: 165675

Ion Ratio Lower Upper

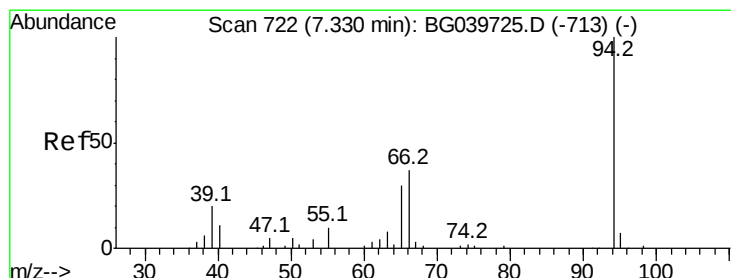
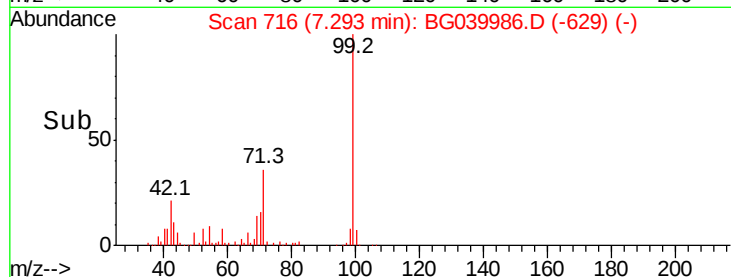
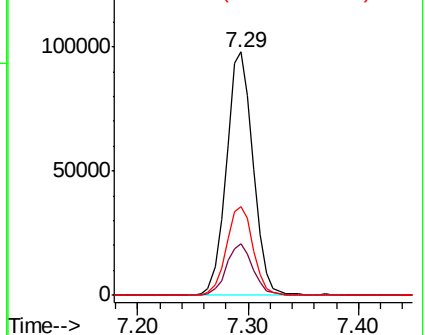
99 100

42 21.2 18.2 27.2

71 36.2 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



#10

Phenol

Concen: 3.012 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039986.D

Acq: 19 Mar 2019 1:50

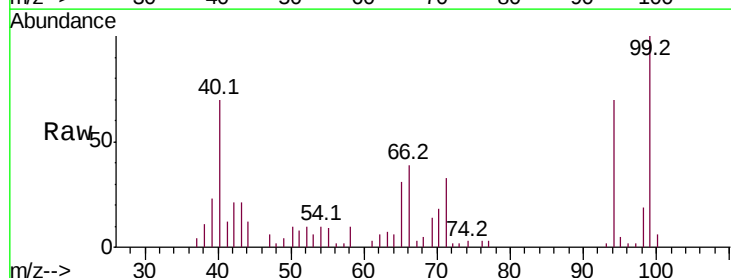
Tgt Ion: 94 Resp: 10936

Ion Ratio Lower Upper

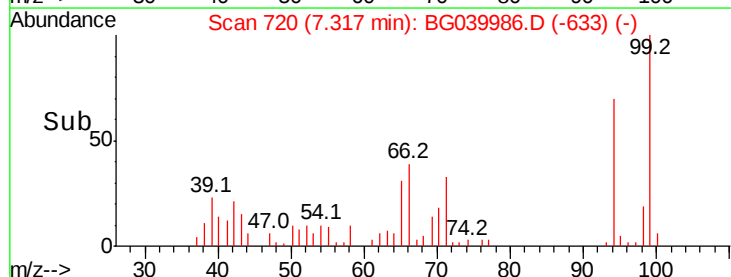
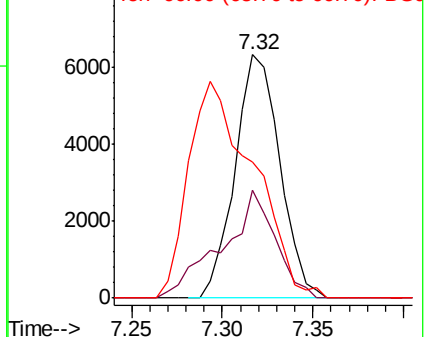
94 100

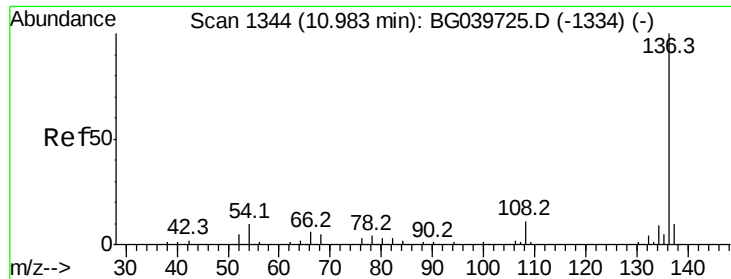
65 44.3 11.7 51.7

66 55.7 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

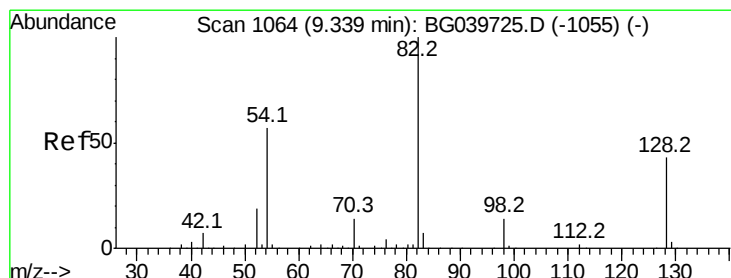
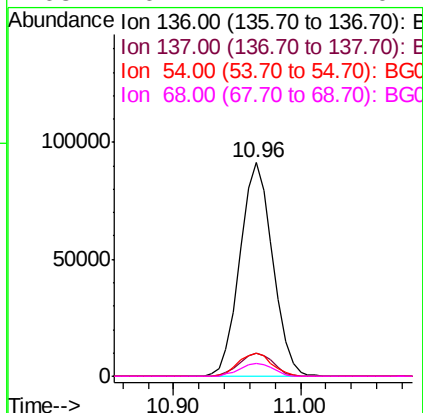
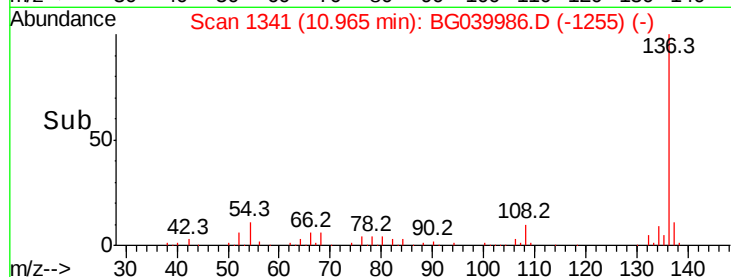
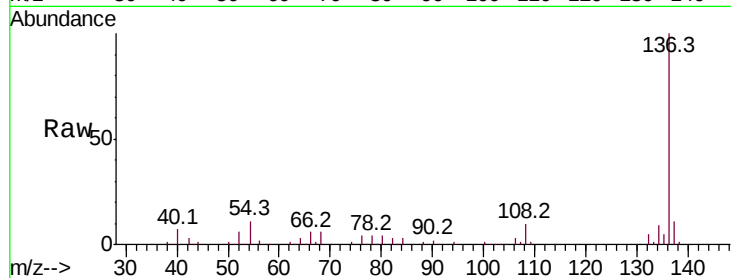




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

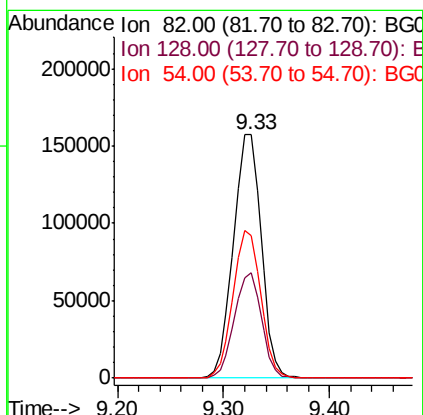
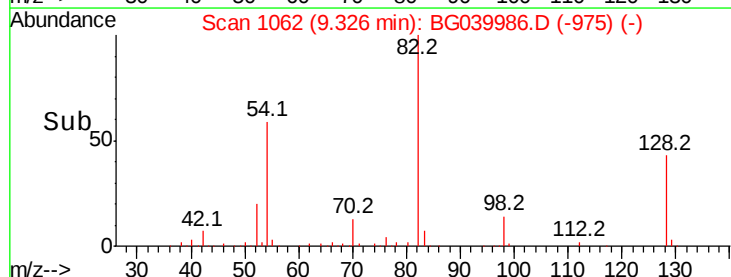
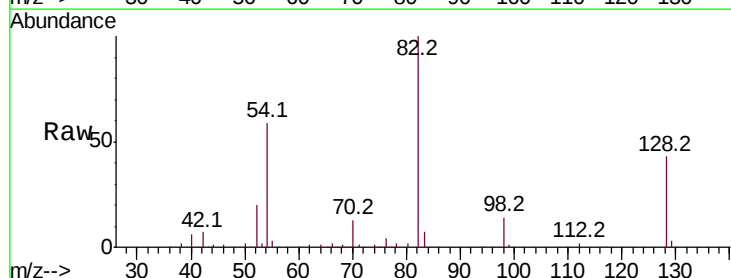
Instrument :
BNA_G
ClientSampleId :
W-2

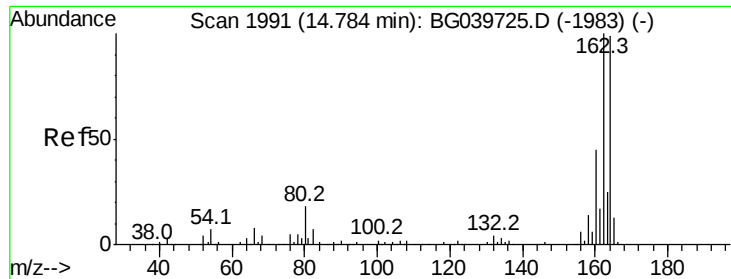
Tot Ion:	136	Resp:	163170
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.9	9.4	14.2
68	6.1	4.2	6.4



#23
Nitrobenzene-d5
Concen: 95.501 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Tgt Ion:	82	Resp:	288123
Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.3	46.9
54	58.7	50.9	76.3

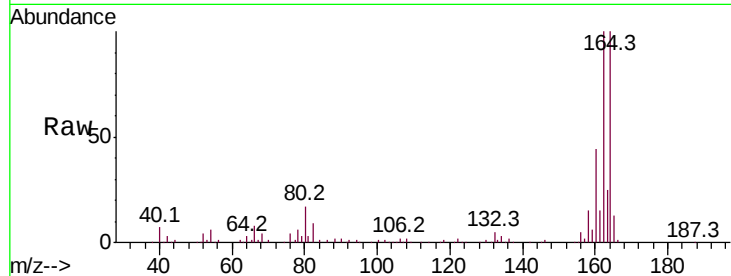




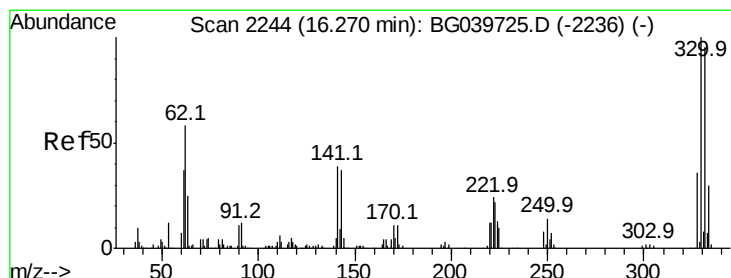
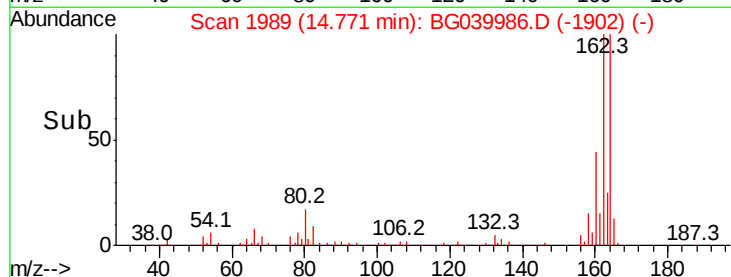
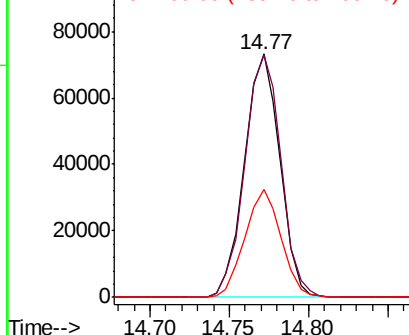
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Instrument :
BNA_G
ClientSampleId :
W-2

Tot Ion:164 Resp: 113613
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 44.4 34.2 51.2

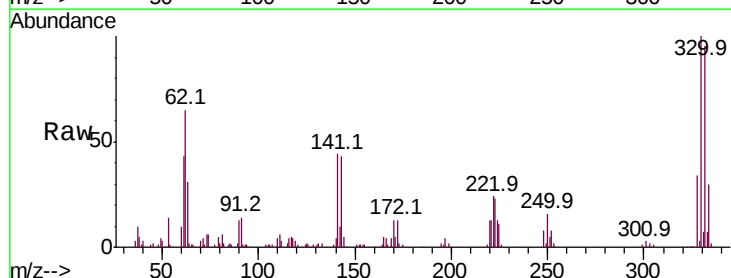


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

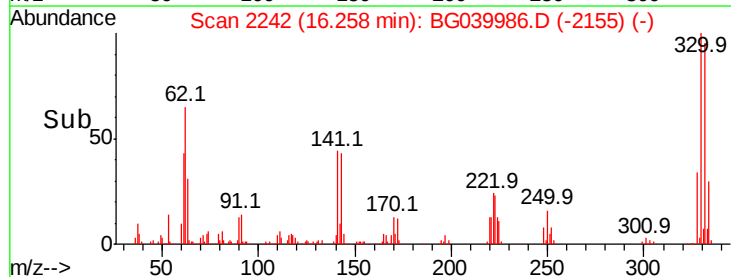
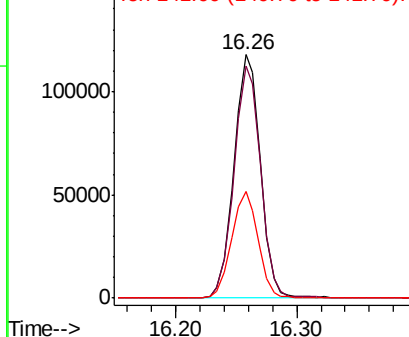


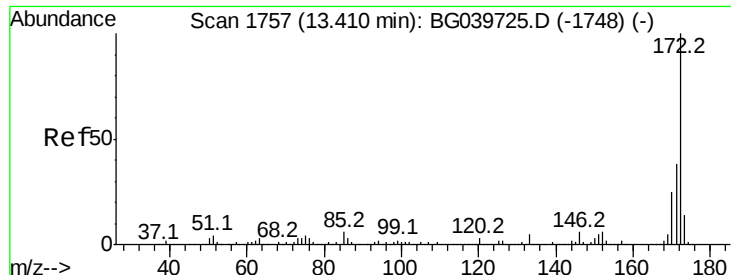
#42
2,4,6-Tribromophenol
Concen: 135.820 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Tgt Ion:330 Resp: 179859
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 43.8 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

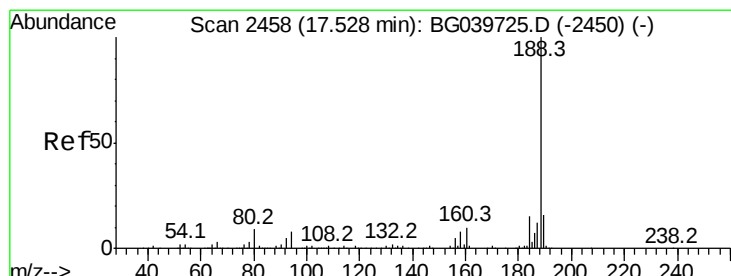
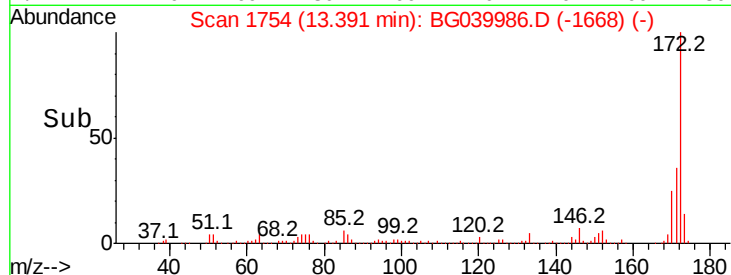
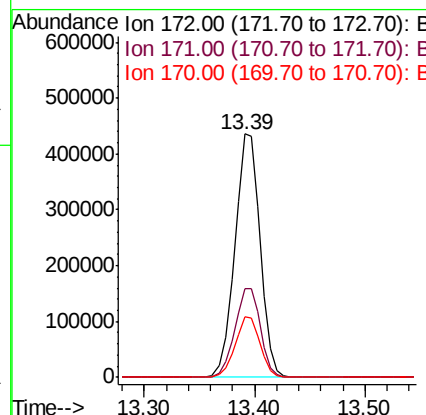
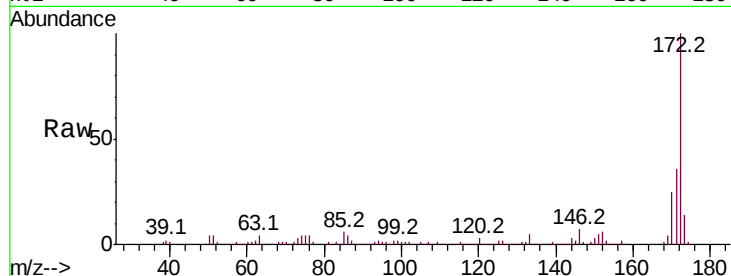




#45
 2-Fluorobiphenyl
 Concen: 87.247 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG039986.D
 Acq: 19 Mar 2019 1:50

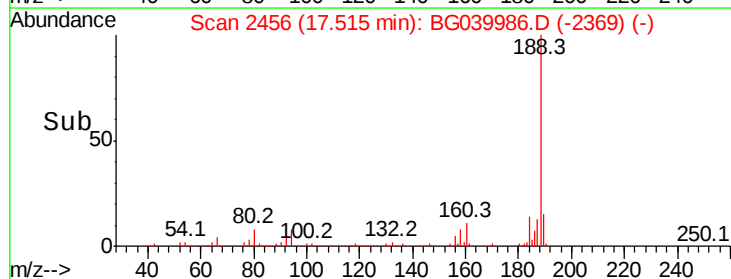
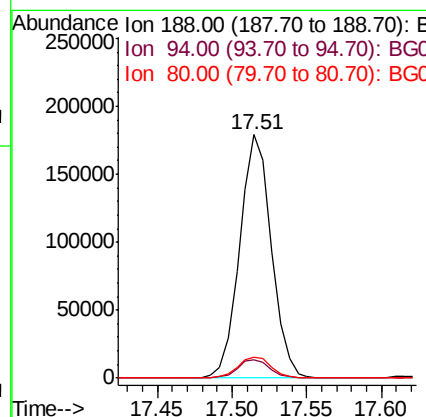
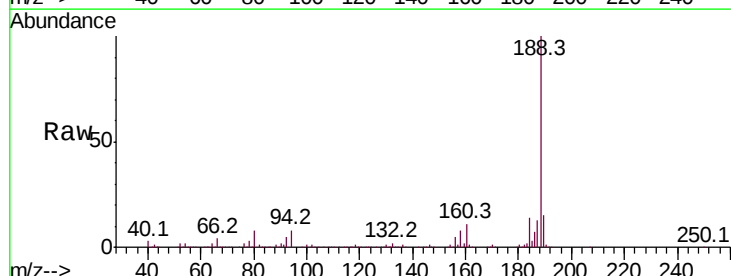
Instrument :
 BNA_G
 ClientSampled :
 W-2

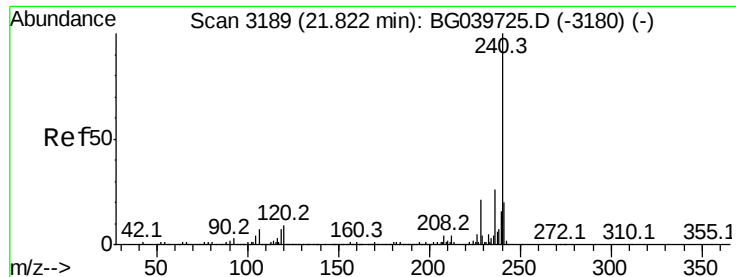
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.6	20.2	30.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039986.D
 Acq: 19 Mar 2019 1:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.3	8.1	12.1





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039986.D

Acq: 19 Mar 2019 1:50

Instrument :

BNA_G

ClientSampleId :

W-2

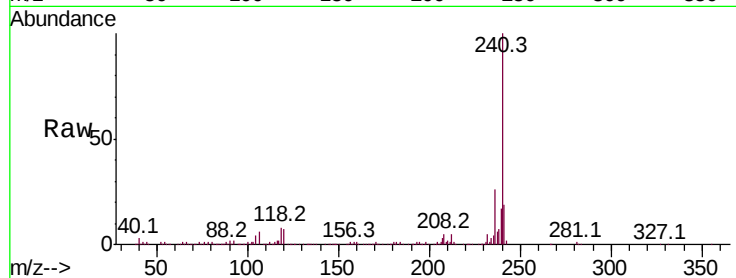
Tot Ion:240 Resp: 263756

Ion Ratio Lower Upper

240 100

120 7.5 7.0 10.6

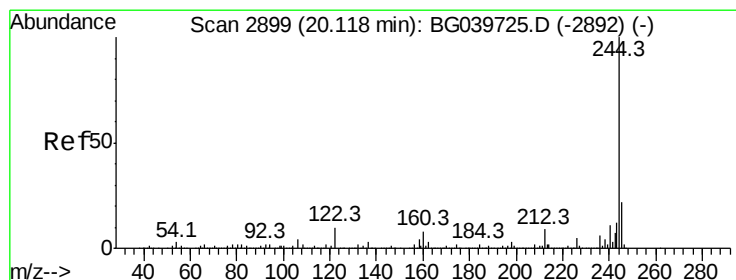
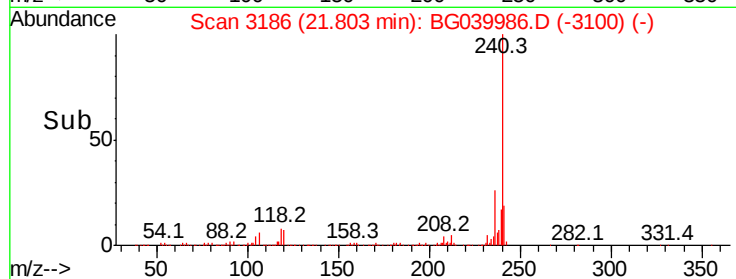
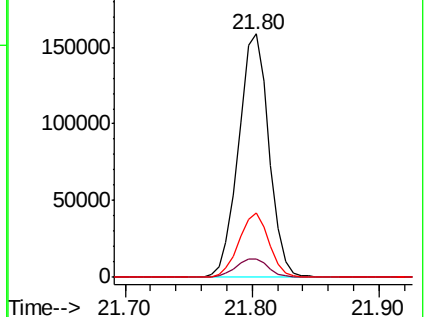
236 26.5 21.0 31.4



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: 85.106 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039986.D

Acq: 19 Mar 2019 1:50

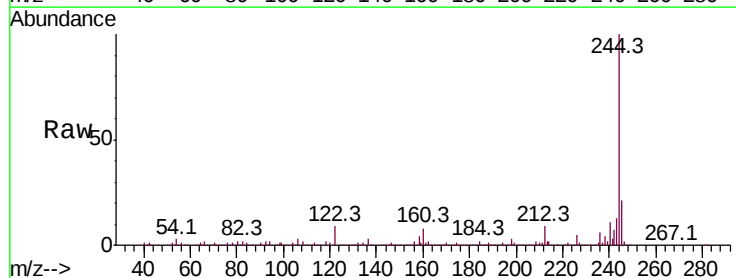
Tgt Ion:244 Resp: 1019493

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

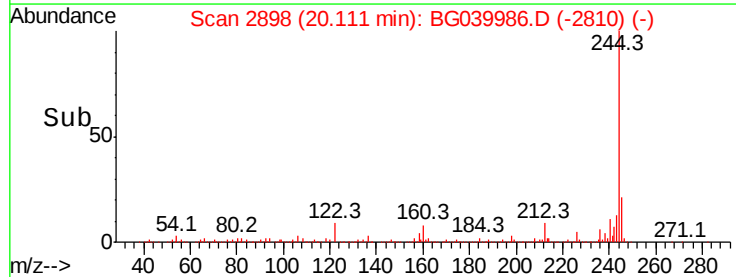
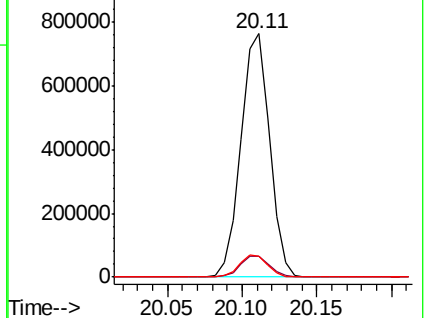
122 8.5 8.4 12.6

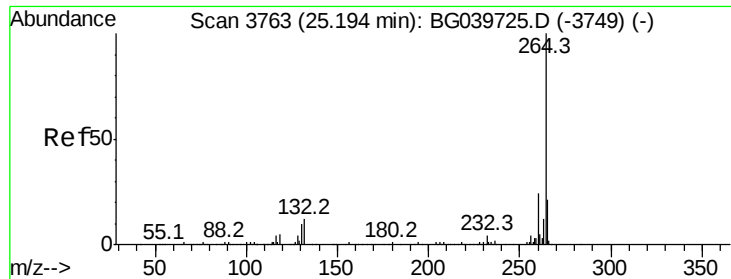


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039986.D
Acq: 19 Mar 2019 1:50

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	18.5	27.7

