

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039613.D
 Acq On : 26 Feb 2019 23:18
 Operator : JU/SJ
 Sample : K1594-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3(8-9)

Quant Time: Feb 27 03:38:12 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

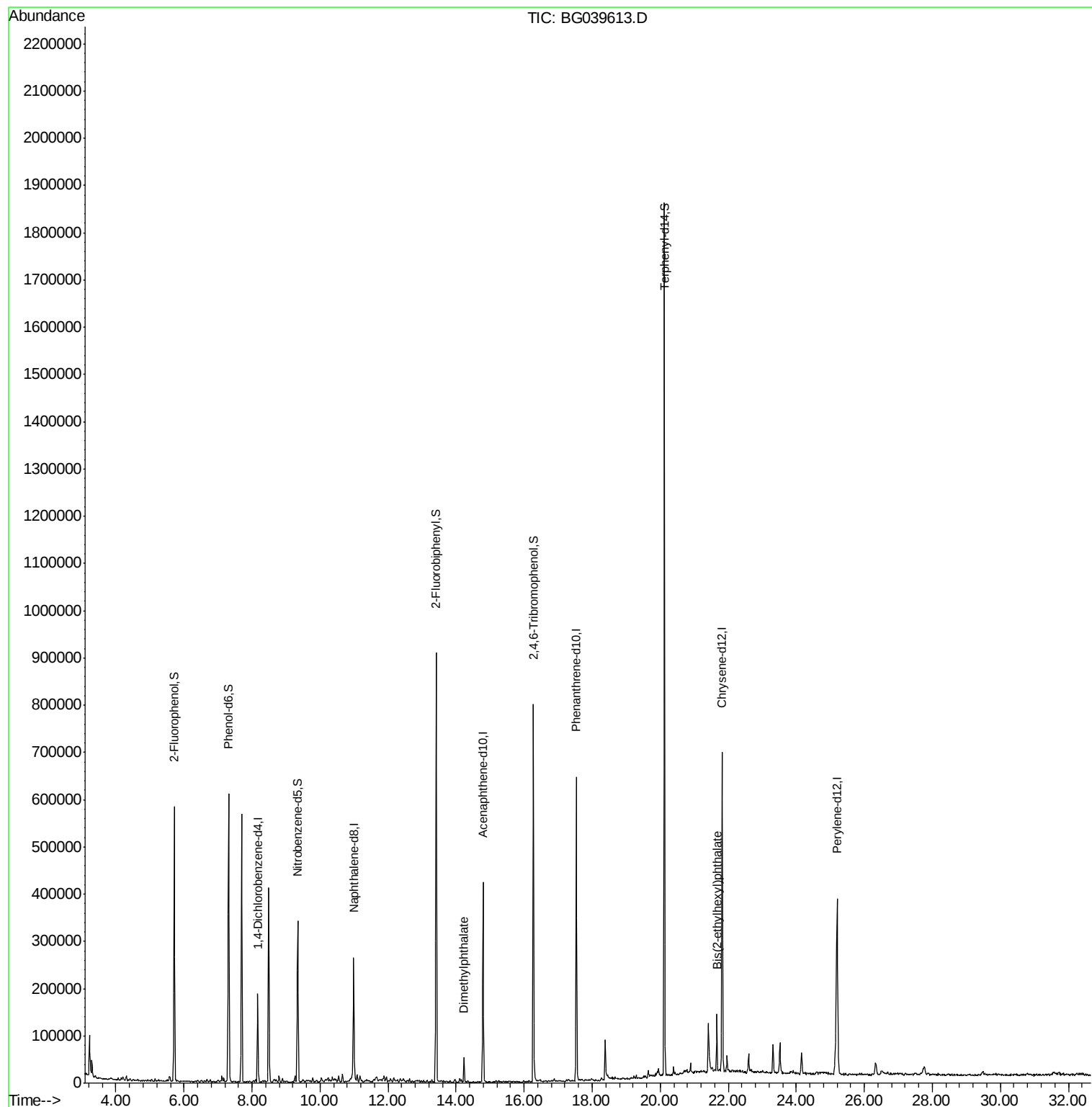
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51732	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	215627	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151060	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	394008	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	413023	20.00	ng	-0.03
87) Perylene-d12	25.19	264	422478	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	243118	80.43	ng	0.00
7) Phenol-d6	7.31	99	351654	79.04	ng	0.00
23) Nitrobenzene-d5	9.34	82	203209	58.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	146007	89.76	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	487706	46.32	ng	-0.02
79) Terphenyl-d14	20.12	244	872169	44.70	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.23	163	34784	2.851	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	48151	3.112	ng	97

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

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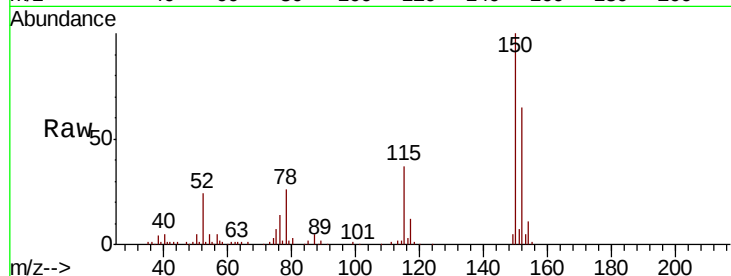


#1

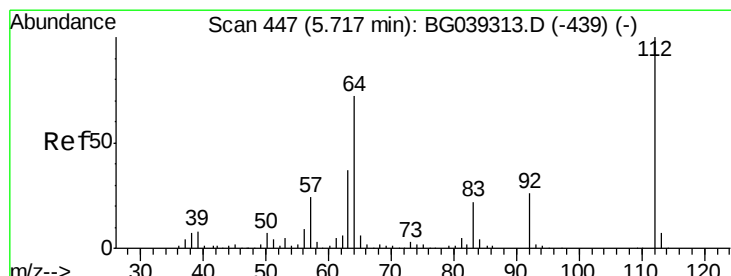
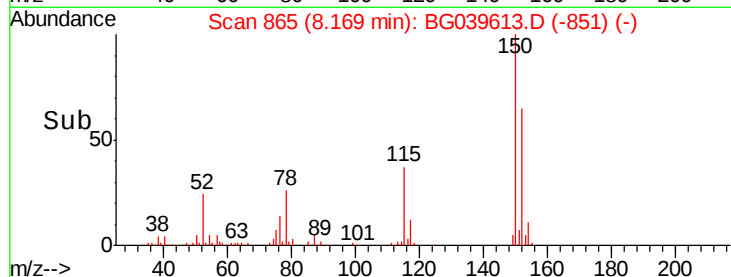
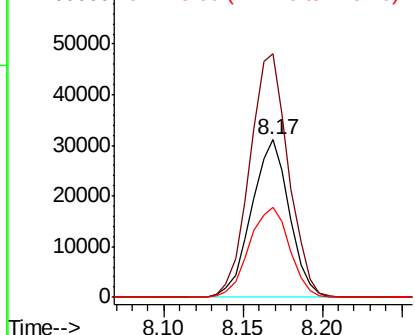
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tot Ion:152 Resp: 51732
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 57.0 45.9 68.9



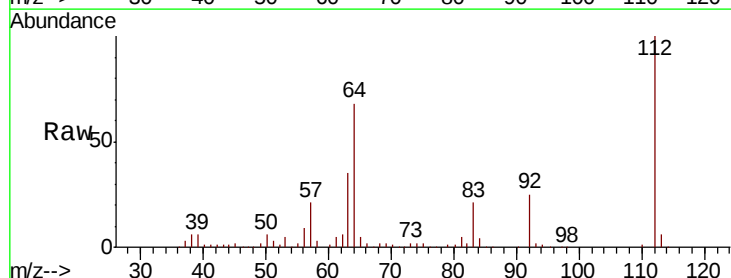
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



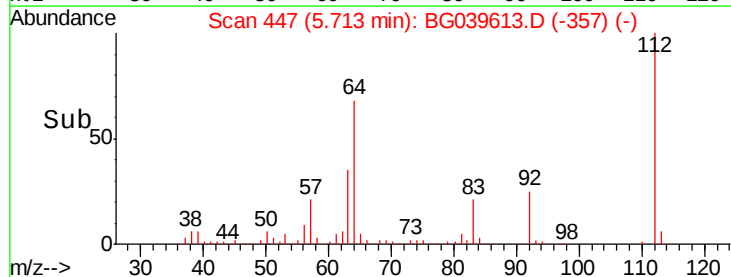
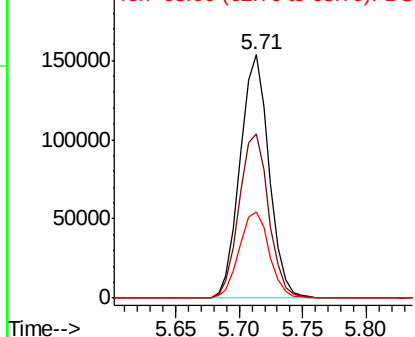
#5

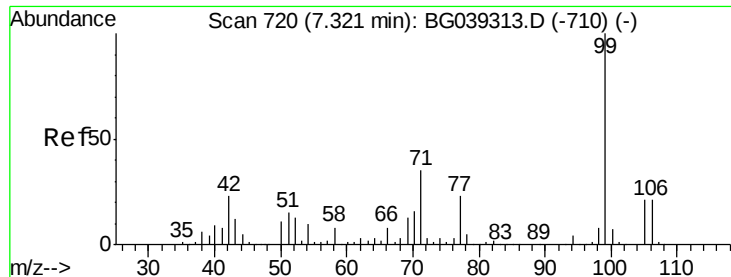
2-Fluorophenol
Concen: 80.434 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:112 Resp: 243118
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.8
63 35.2 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: 79.038 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

Instrument :

BNA_G

ClientSampled :

B-3(8-9)

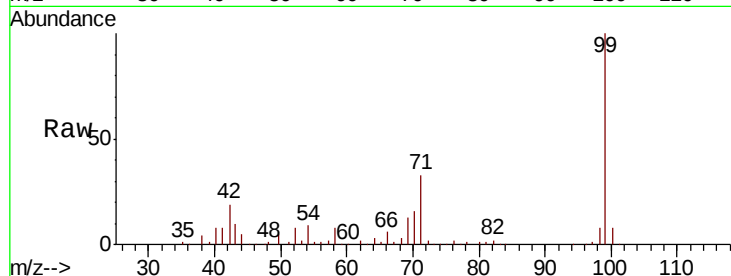
Tot Ion: 99 Resp: 351654

Ion Ratio Lower Upper

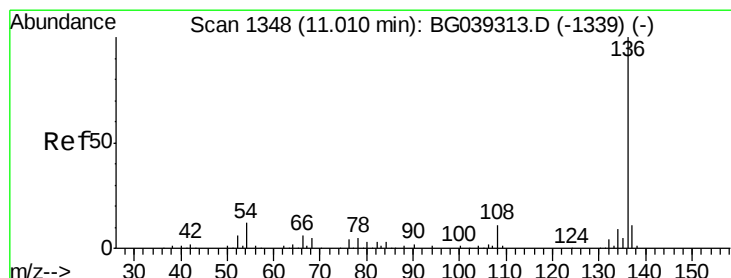
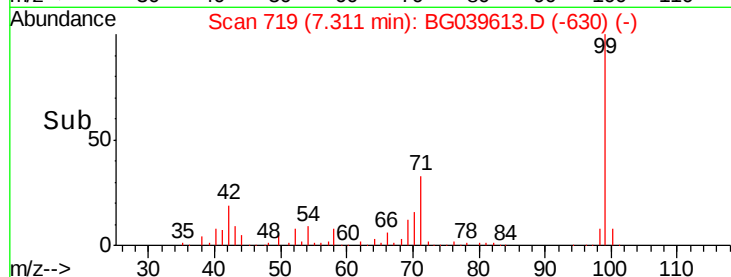
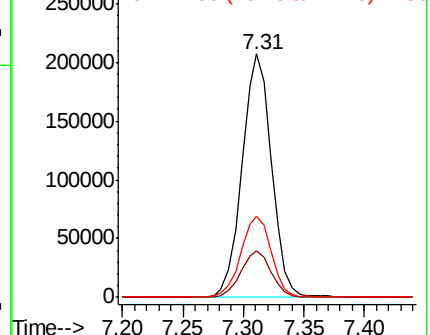
99 100

42 19.2 18.2 27.2

71 33.1 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. -0.02 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

Tgt Ion: 136 Resp: 215627

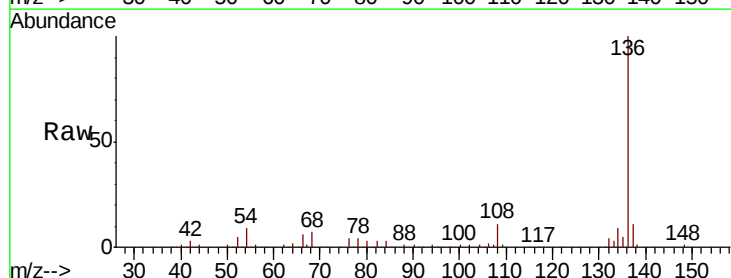
Ion Ratio Lower Upper

136 100

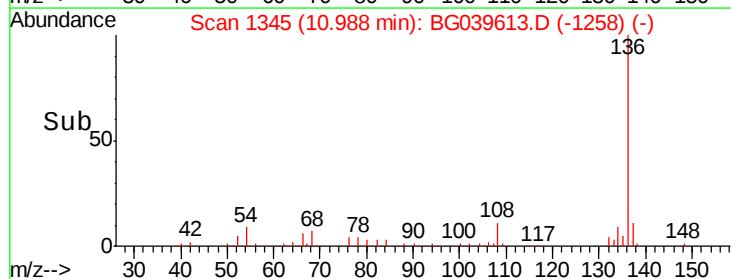
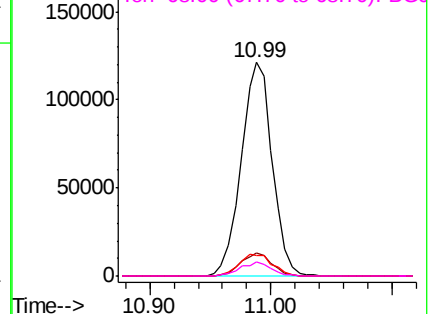
137 11.0 9.1 13.7

54 9.4 9.4 14.2#

68 6.6 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

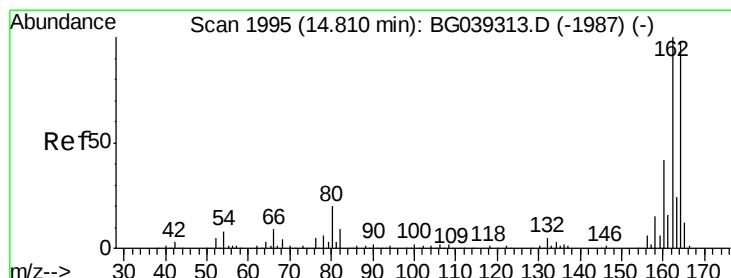
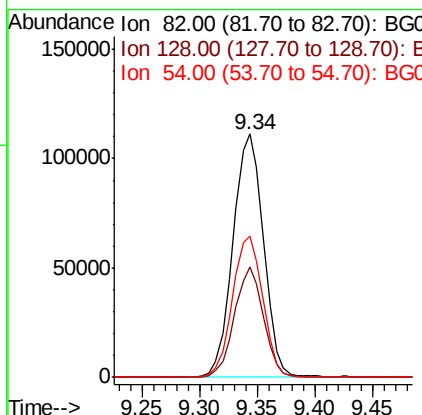
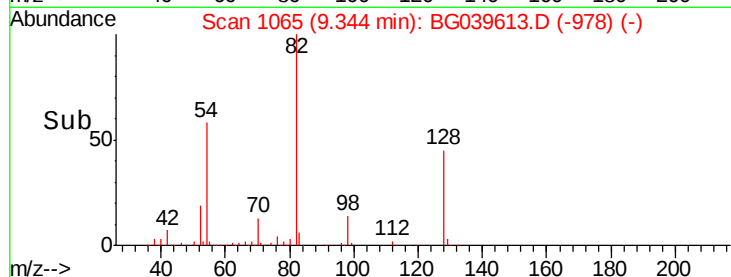
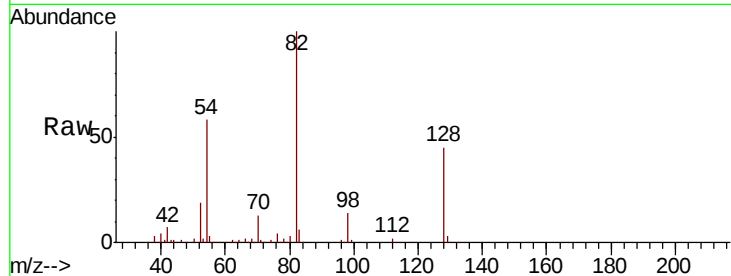




#23
Nitrobenzene-d5
Concen: 58.874 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

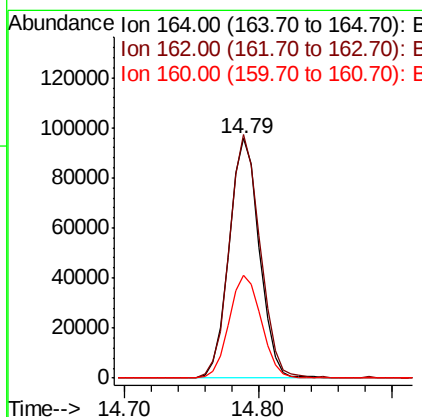
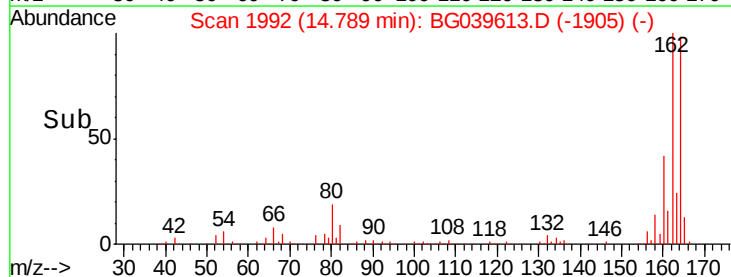
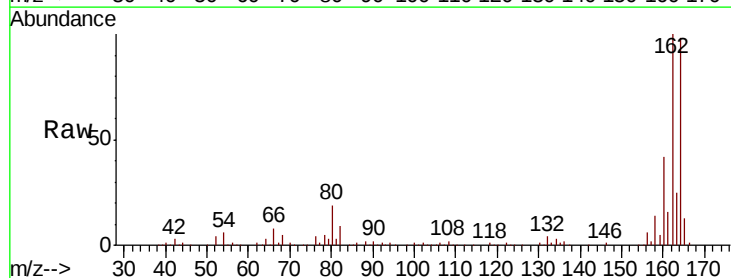
Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.3	46.9
54	58.0	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: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	42.9	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 89.759 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

Instrument :

BNA_G

ClientSampleId :

B-3(8-9)

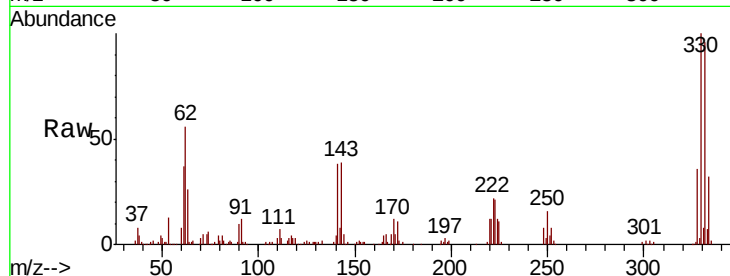
Tot Ion:330 Resp: 146007

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

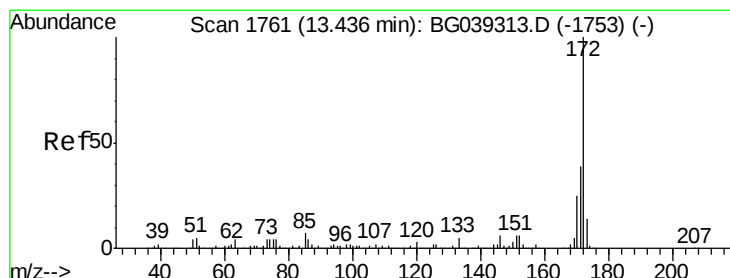
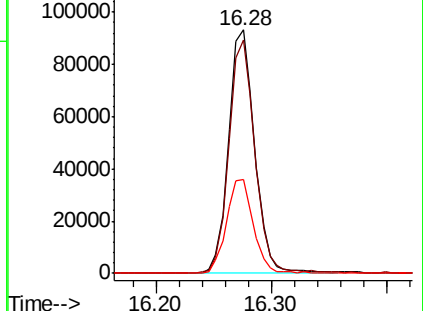
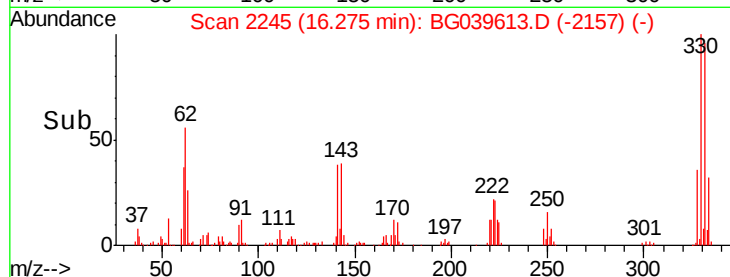
141 39.8 35.6 53.4



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: 46.315 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

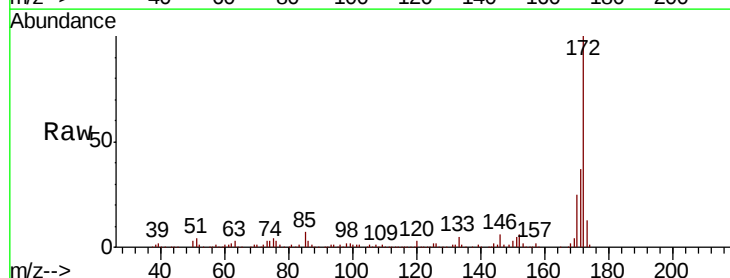
Tgt Ion:172 Resp: 487706

Ion Ratio Lower Upper

172 100

171 37.3 30.8 46.2

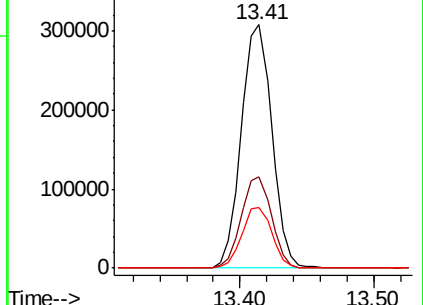
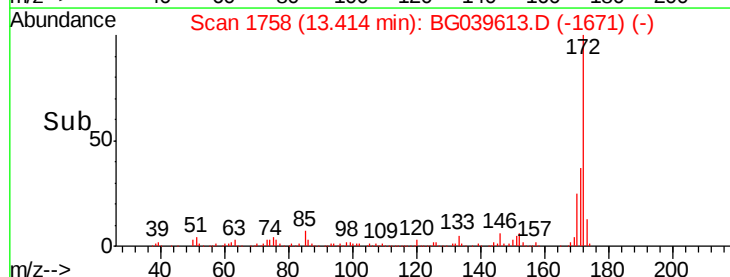
170 24.6 20.2 30.4

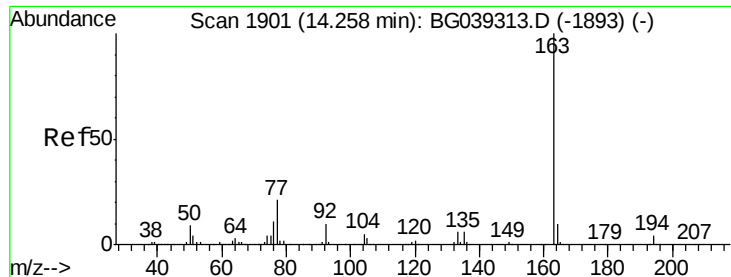


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.851 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

Instrument :

BNA_G

ClientSampleId :

B-3(8-9)

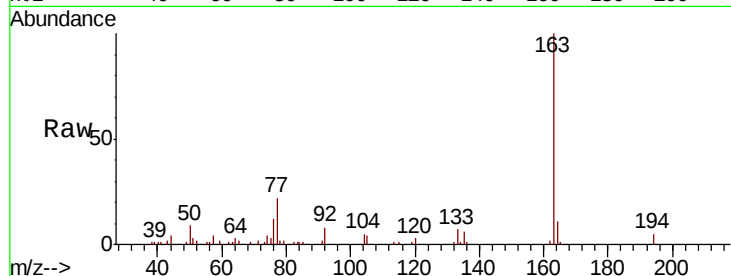
Tot Ion:163 Resp: 34784

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

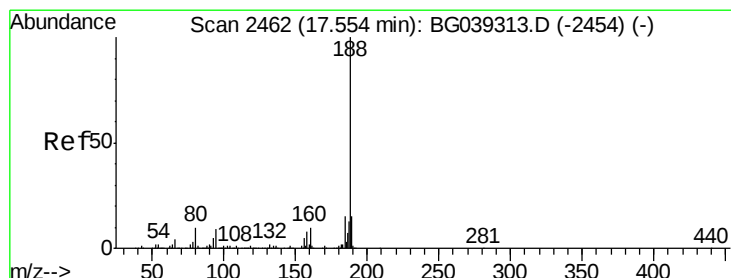
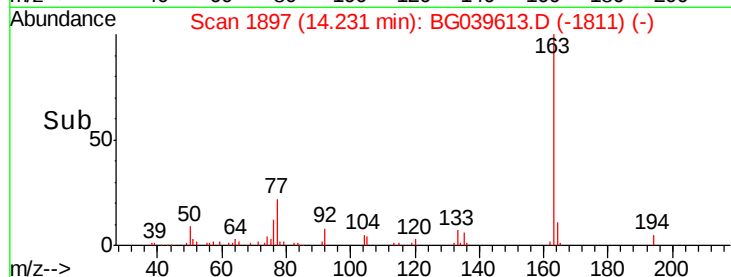
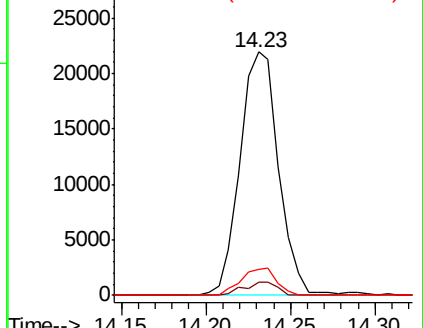
164 10.6 8.4 12.6



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: BG039613.D

Acq: 26 Feb 2019 23:18

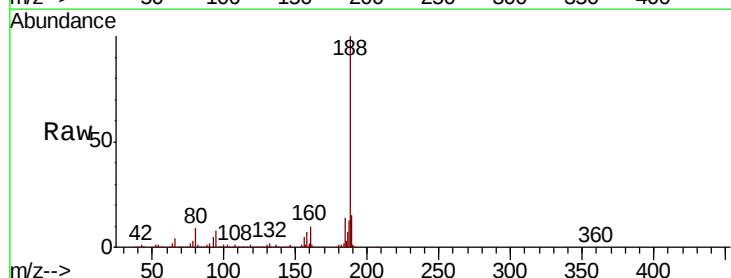
Tgt Ion:188 Resp: 394008

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

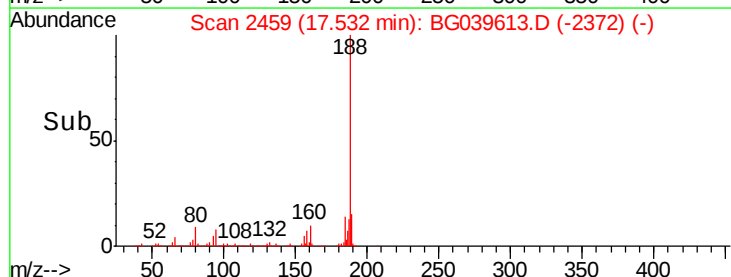
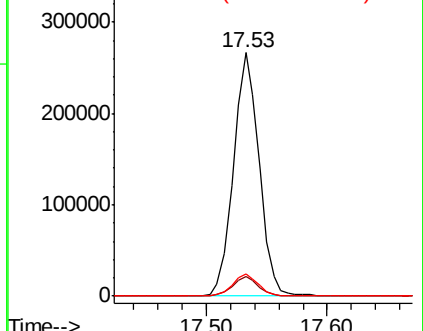
80 9.0 8.1 12.1

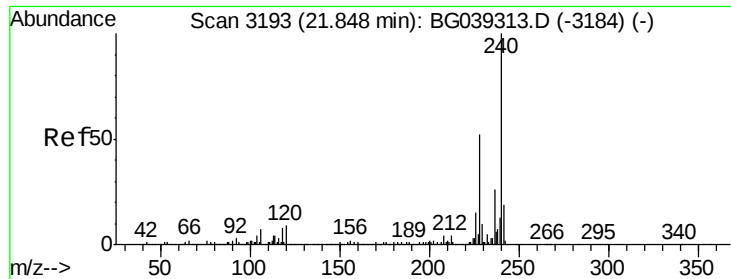


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

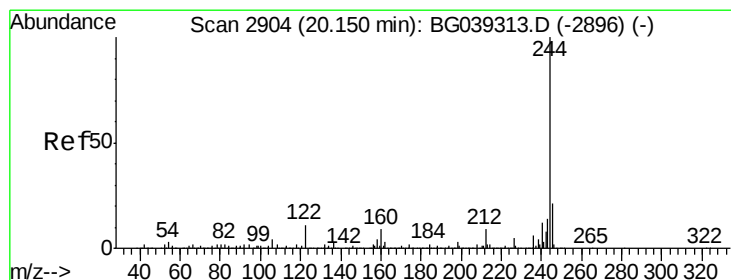
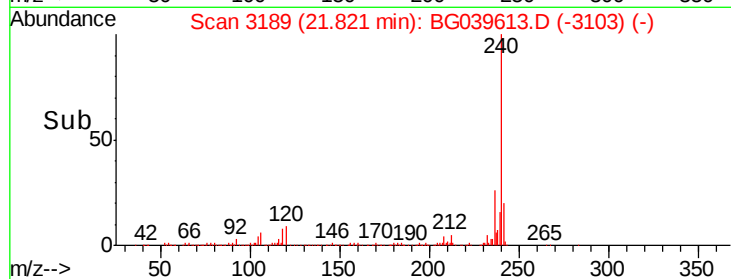
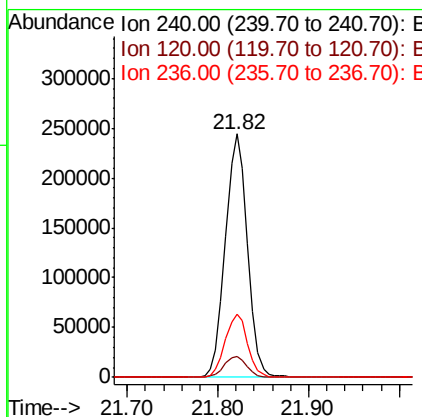
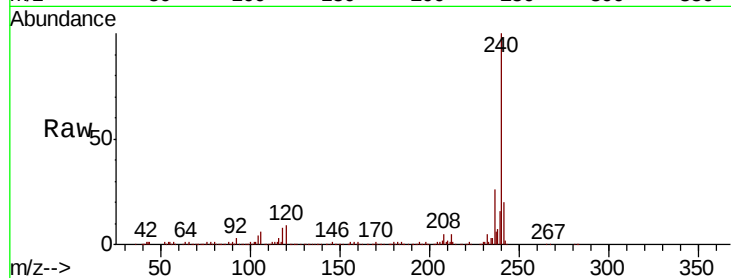




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039613.D
 Acq: 26 Feb 2019 23:18

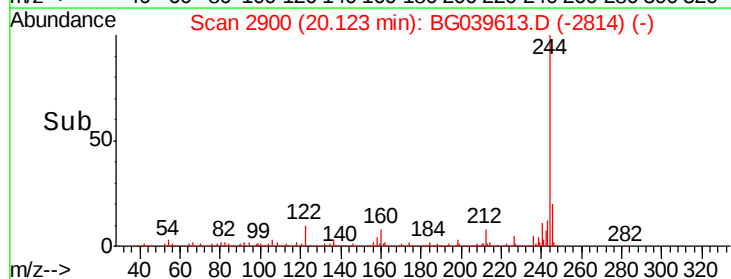
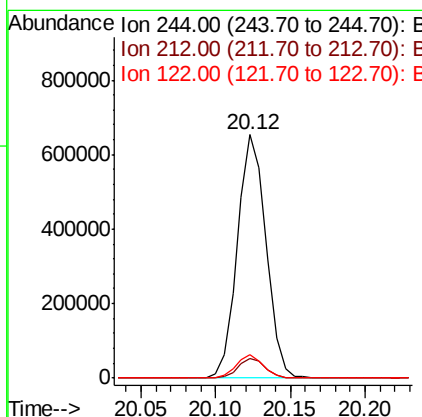
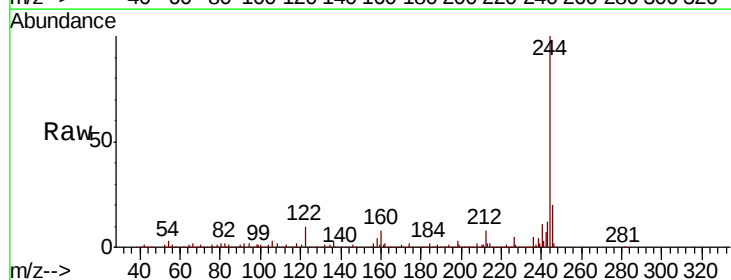
Instrument :
 BNA_G
 ClientSampleId :
 B-3(8-9)

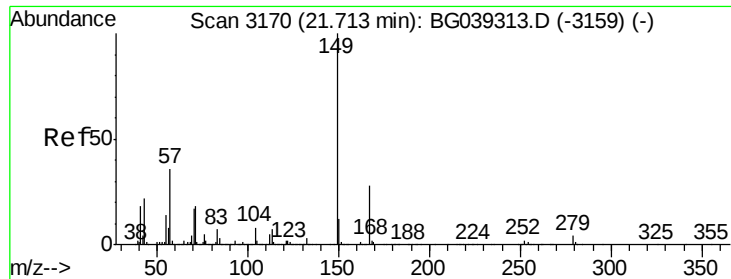
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.0	21.0	31.4



#79
 Terphenyl-d14
 Concen: 44.698 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039613.D
 Acq: 26 Feb 2019 23:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	9.7	8.4	12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.112 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

Instrument :

BNA_G

ClientSampleId :

B-3(8-9)

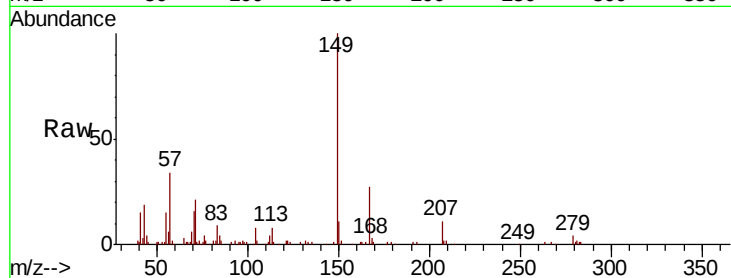
Tot Ion:149 Resp: 48151

Ion Ratio Lower Upper

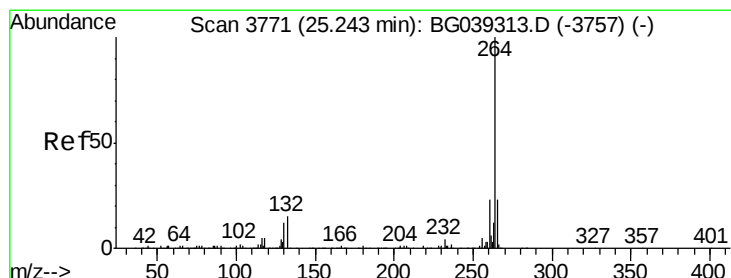
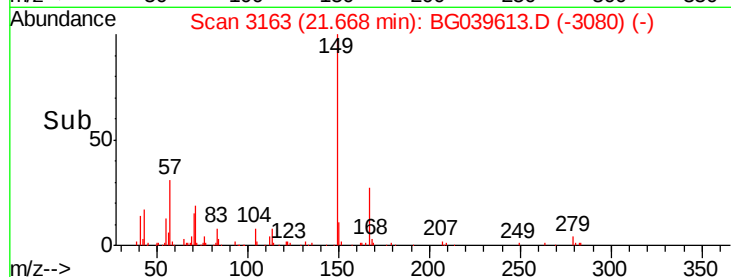
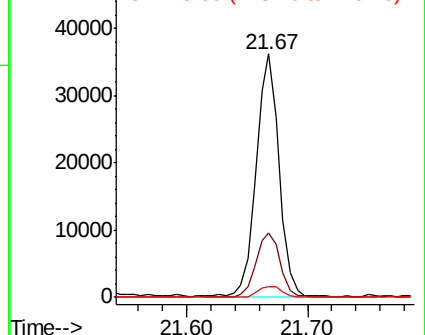
149 100

167 26.6 22.6 34.0

279 4.4 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3763

Delta R.T. -0.05 min

Lab File: BG039613.D

Acq: 26 Feb 2019 23:18

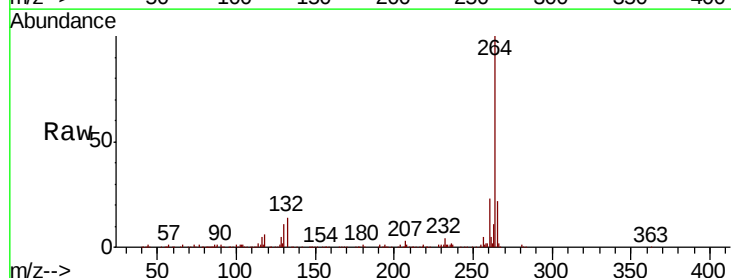
Tgt Ion:264 Resp: 422478

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.8 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

