

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039614.D
 Acq On : 26 Feb 2019 23:58
 Operator : JU/SJ
 Sample : K1594-26
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

Quant Time: Feb 27 03:39:48 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

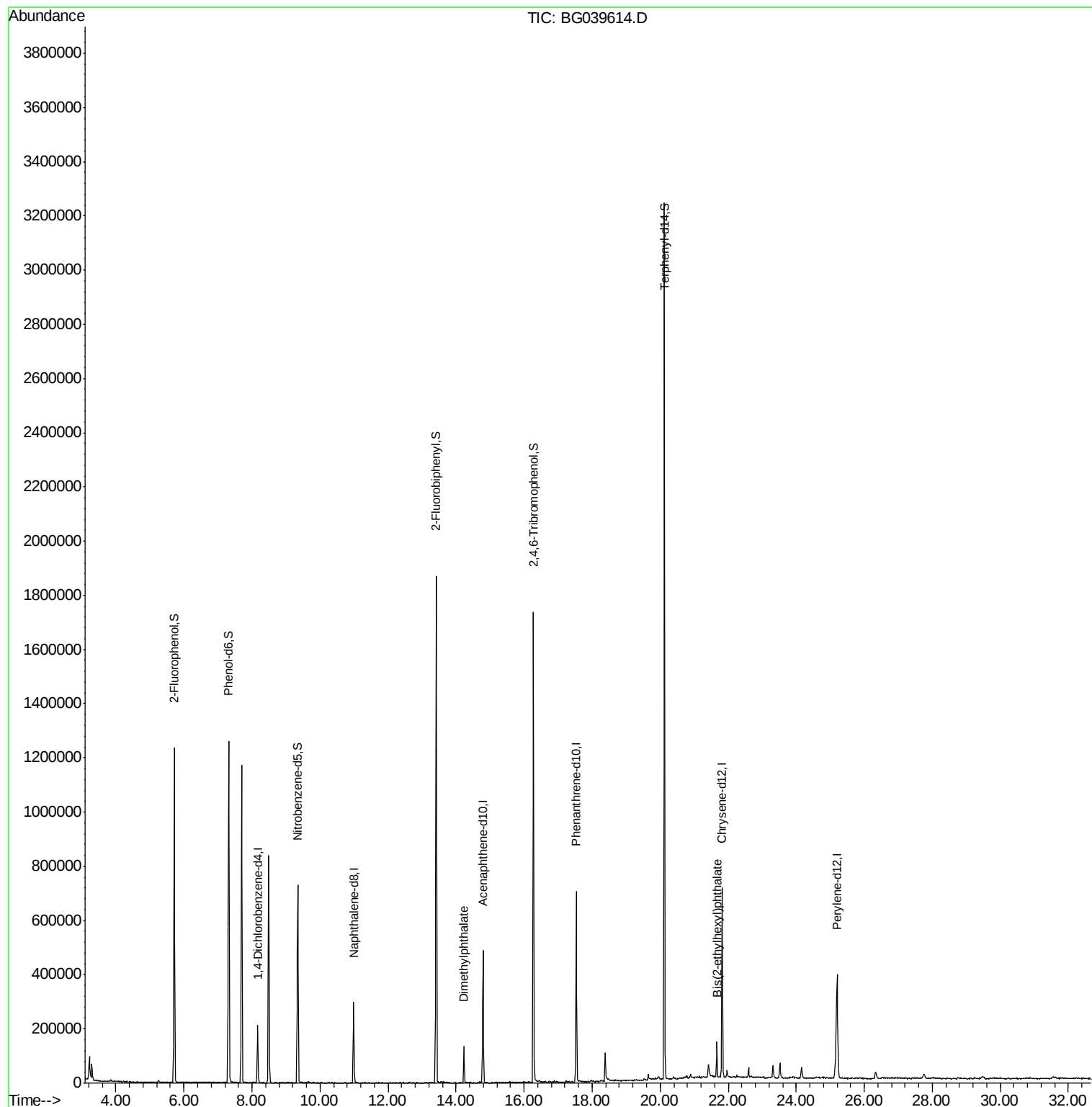
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59312	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	255962	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	175786	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	437835	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	431480	20.00	ng	-0.03
87) Perylene-d12	25.20	264	446397	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	511344	147.55	ng	0.00
7) Phenol-d6	7.32	99	743599	145.77	ng	0.00
23) Nitrobenzene-d5	9.34	82	439305	107.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	302452	159.78	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1005226	82.03	ng	-0.02
79) Terphenyl-d14	20.12	244	1503615	73.76	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.23	163	86620	6.101	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	54380	3.364	ng	95

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

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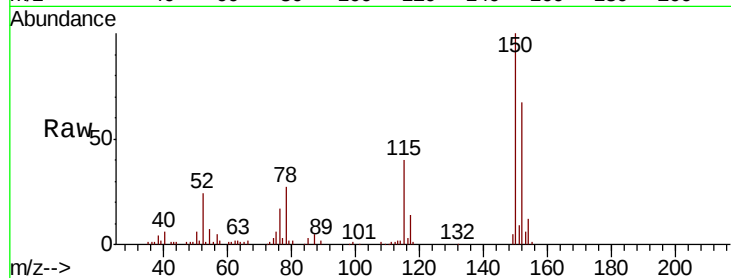


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Instrument :
 BNA_G
 ClientSampleId :
 B-2B(21-22)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.7	185.5
115	59.6	45.9	68.9

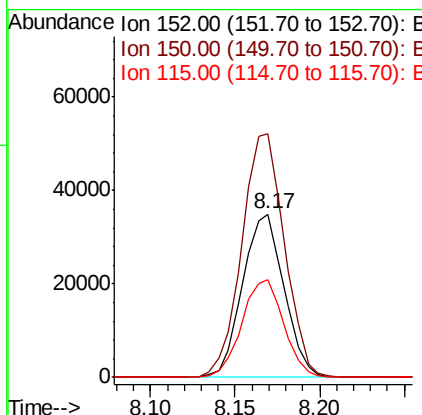
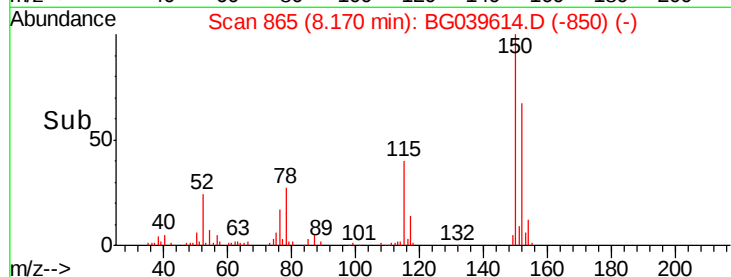


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

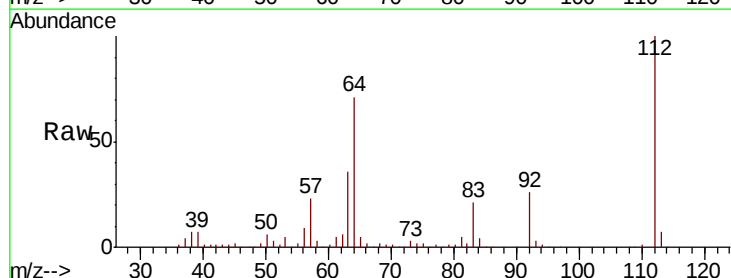
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 147.554 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.8	86.8
63	36.3	29.8	44.6

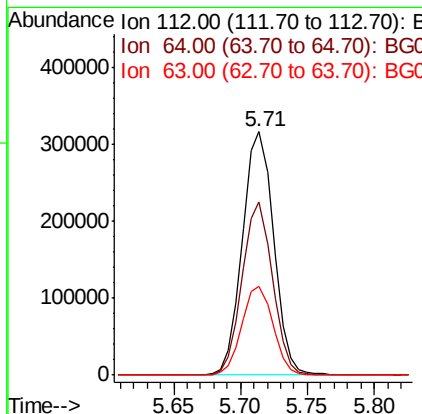
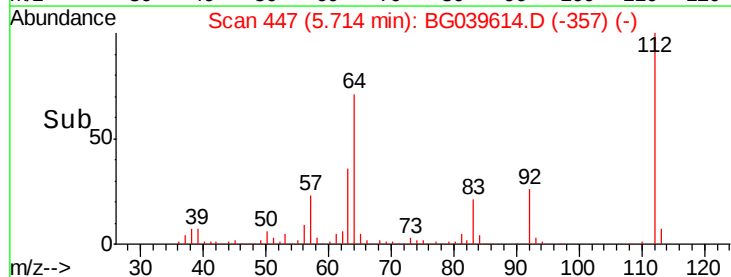


Abundance

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: 145.773 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampled :

B-2B(21-22)

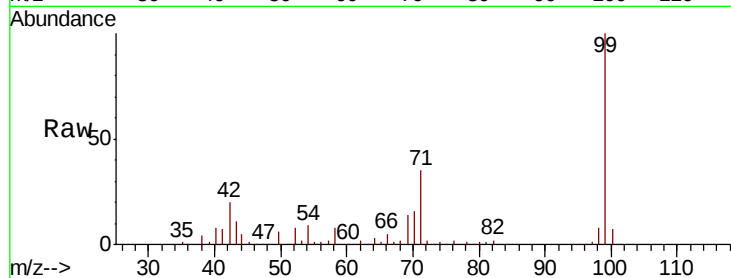
Tot Ion: 99 Resp: 743599

Ion Ratio Lower Upper

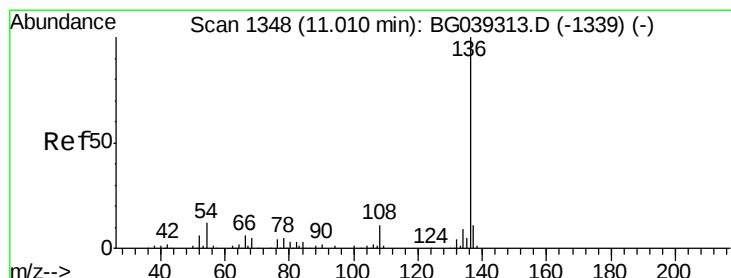
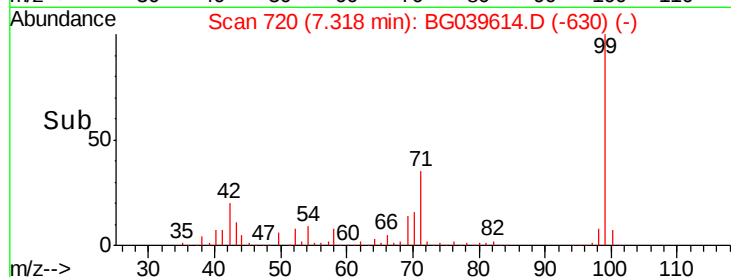
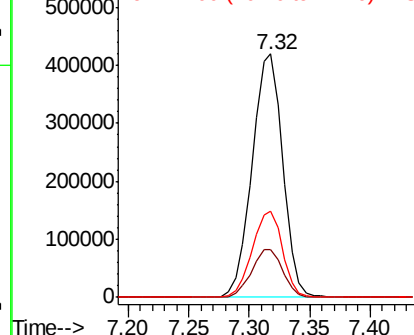
99 100

42 19.8 18.2 27.2

71 35.4 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: BG039614.D

Acq: 26 Feb 2019 23:58

Tgt Ion: 136 Resp: 255962

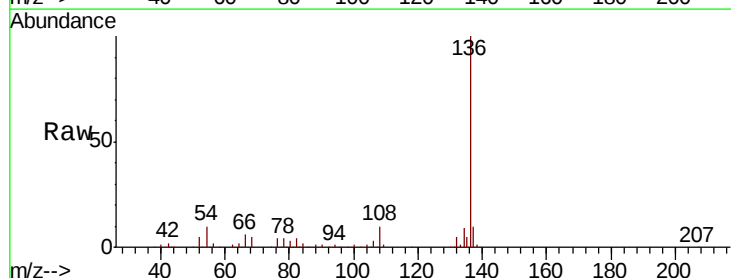
Ion Ratio Lower Upper

136 100

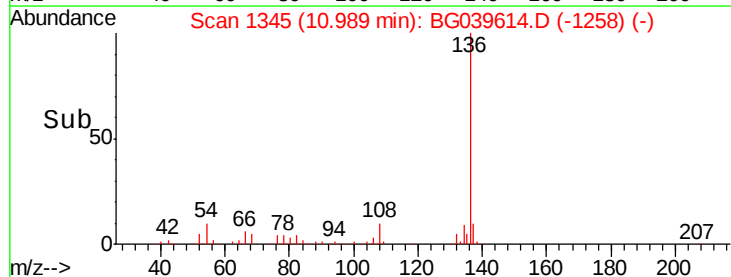
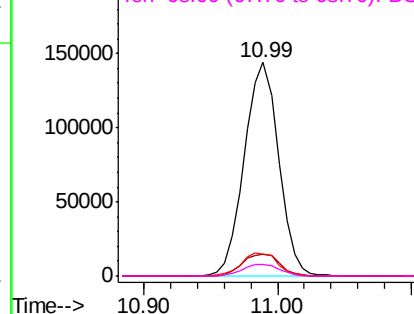
137 10.5 9.1 13.7

54 10.2 9.4 14.2

68 5.2 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

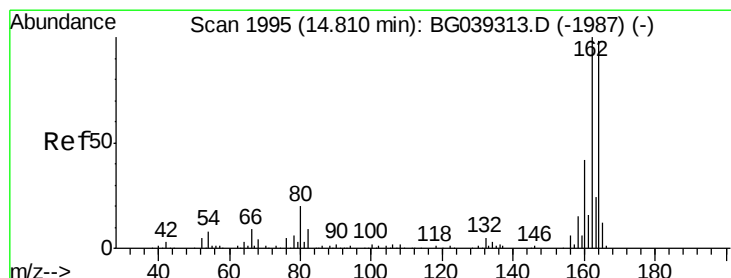
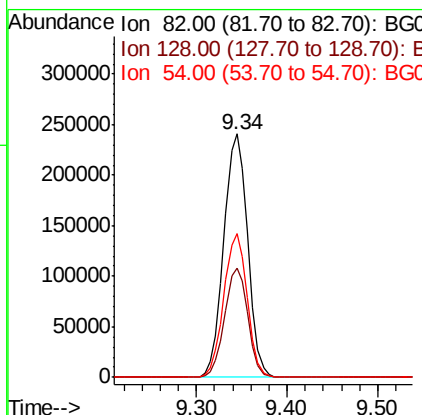
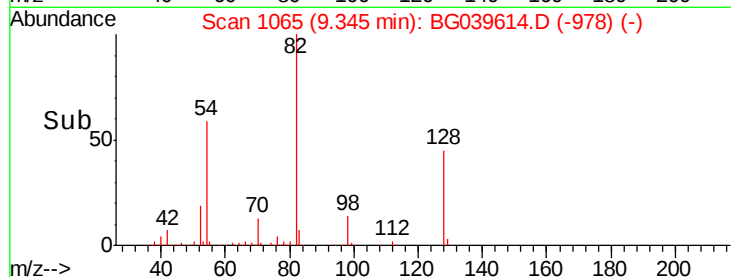
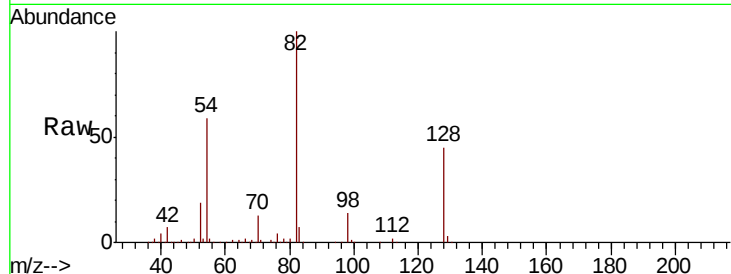




#23
Nitrobenzene-d5
Concen: 107.219 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

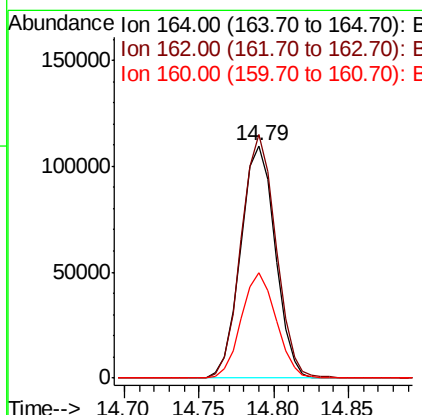
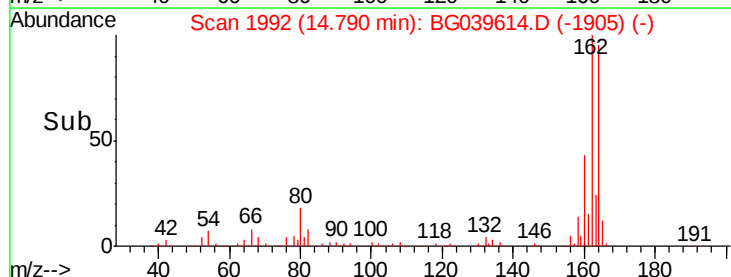
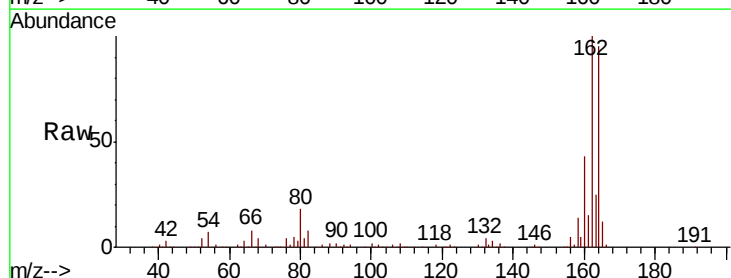
Instrument :
BNA_G
ClientSampleId :
B-2B(21-22)

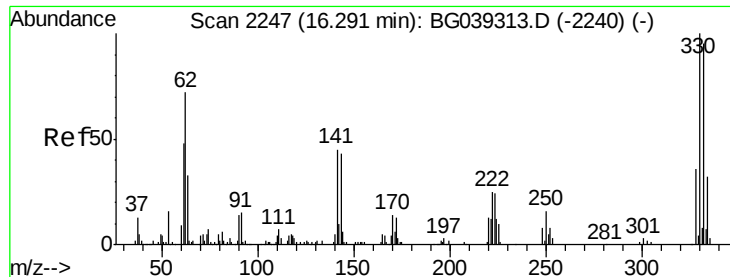
Tot Ion	82	Resp	439305
Ion Ratio	100	Lower	Upper
128	45.0	31.3	46.9
54	59.3	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Tgt Ion	164	Resp	175786
Ion Ratio	100	Lower	Upper
162	104.7	81.6	122.4
160	45.1	34.2	51.2

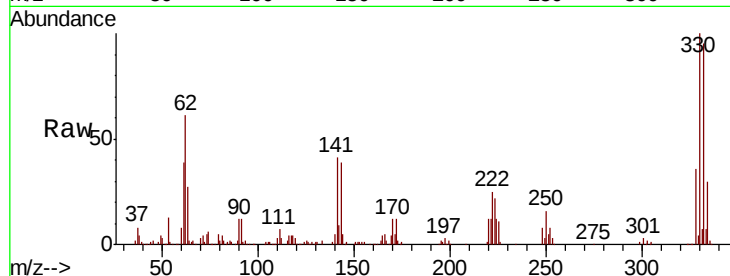




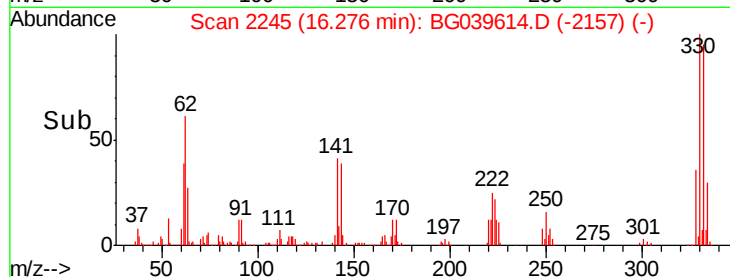
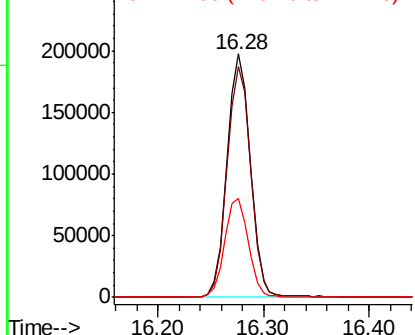
#42
 2,4,6-Tribromophenol
 Concen: 159.781 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Instrument :
 BNA_G
 ClientSampled :
 B-2B(21-22)

Tot Ion:330 Resp: 302452
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 41.2 35.6 53.4

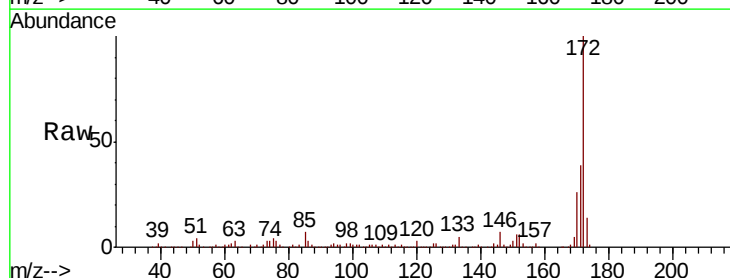


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

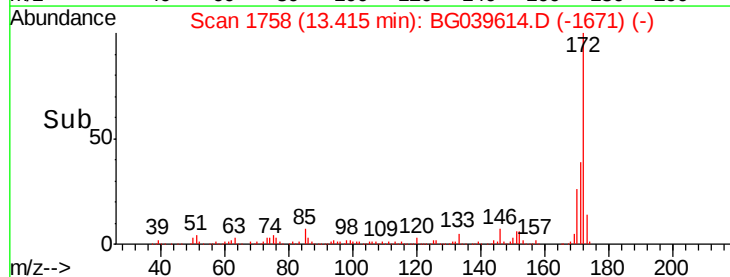
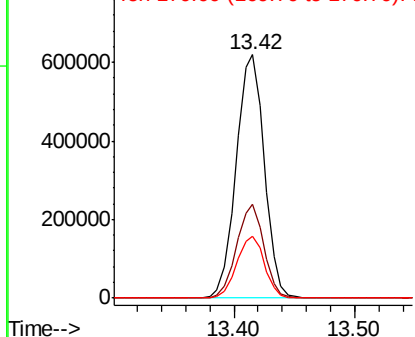


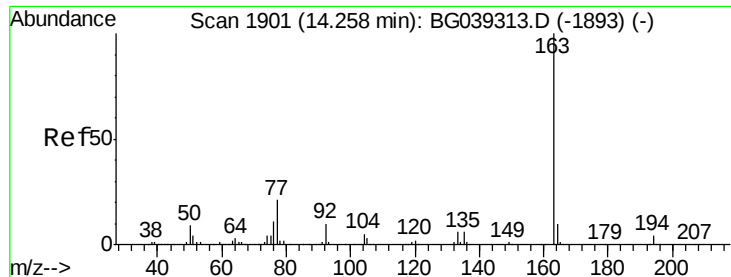
#45
 2-Fluorobiphenyl
 Concen: 82.034 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039614.D
 Acq: 26 Feb 2019 23:58

Tgt Ion:172 Resp: 1005226
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.6 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: 6.101 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampleId :

B-2B(21-22)

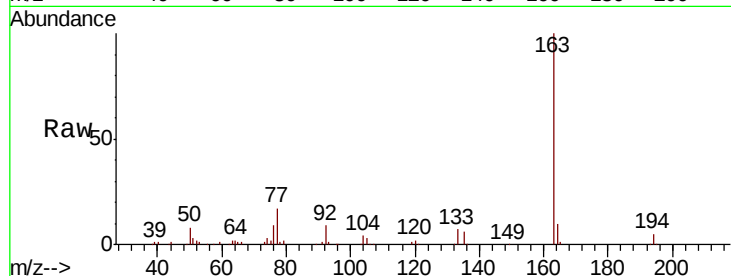
Tot Ion:163 Resp: 86620

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

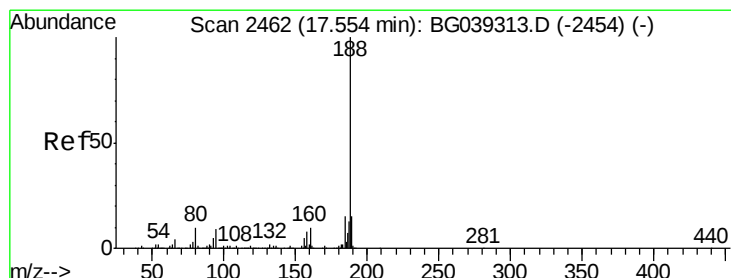
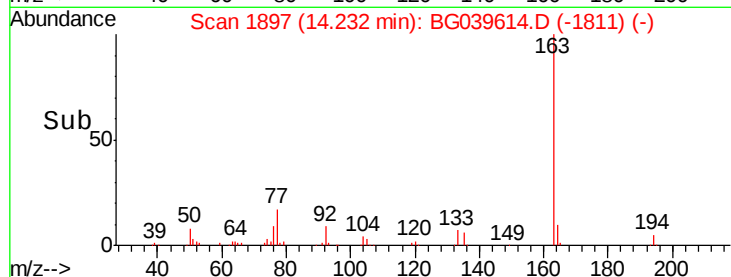
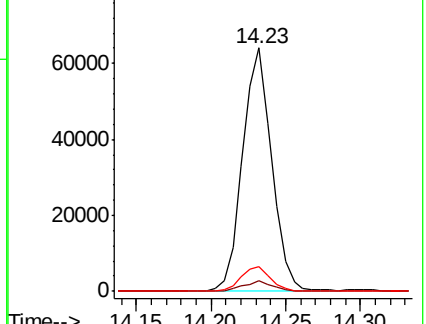
164 10.1 8.4 12.6



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: BG039614.D

Acq: 26 Feb 2019 23:58

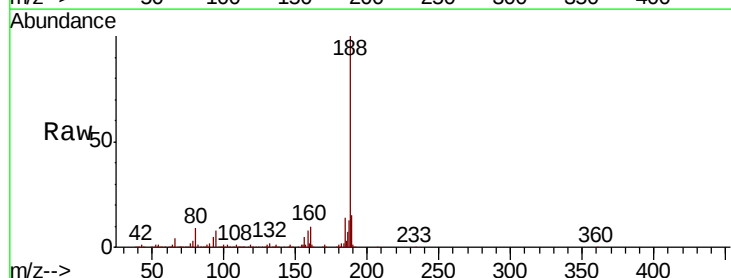
Tgt Ion:188 Resp: 437835

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

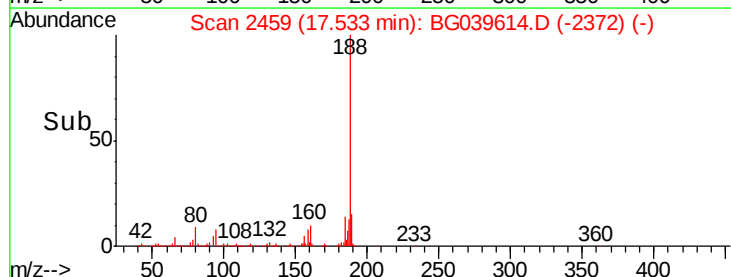
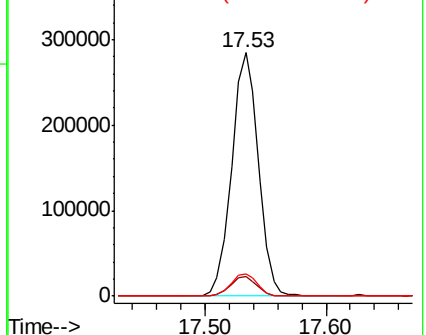
80 9.3 8.1 12.1

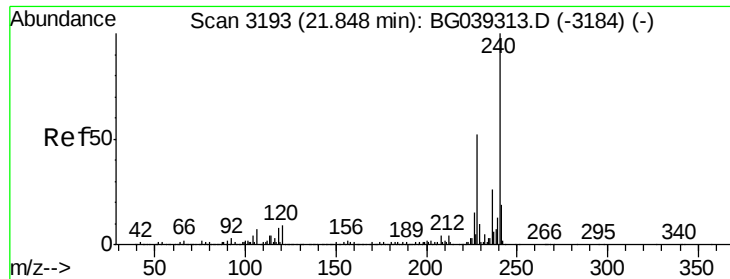


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

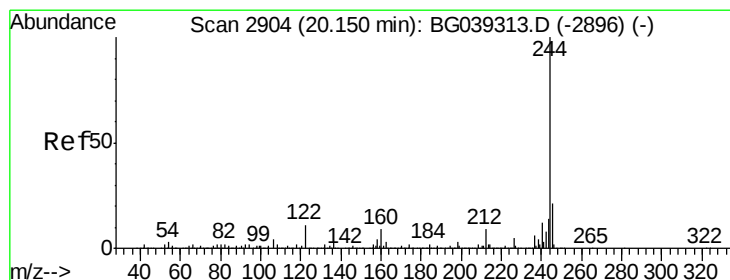
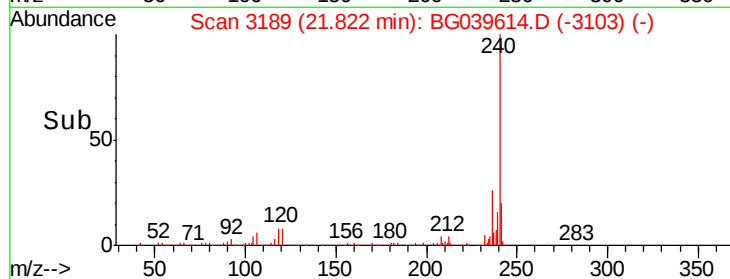
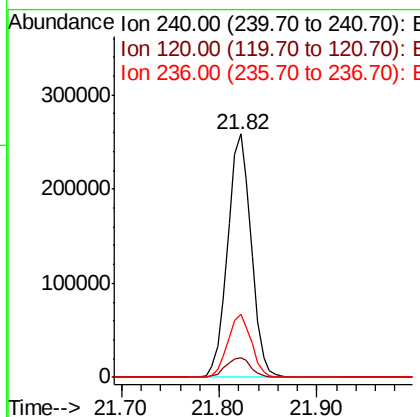
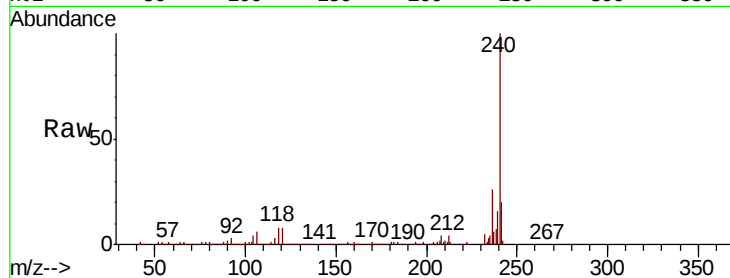




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

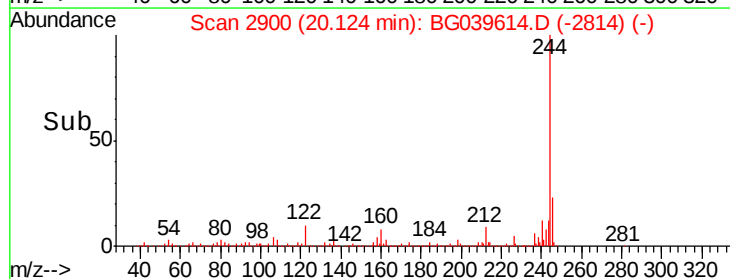
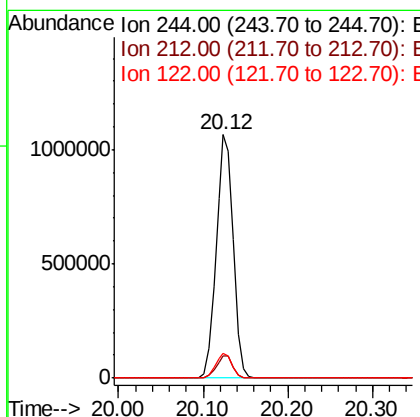
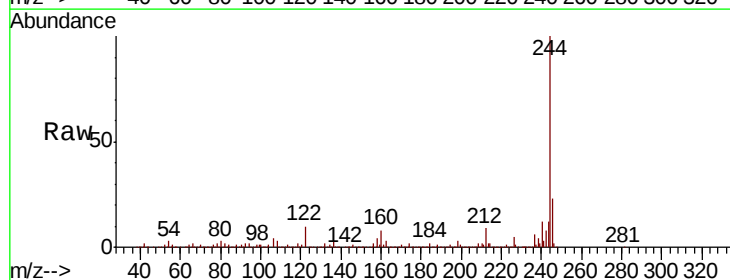
Instrument :
BNA_G
ClientSampleId :
B-2B(21-22)

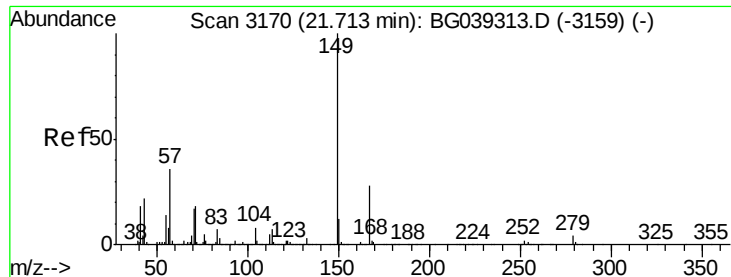
Tot Ion:240 Resp: 431480
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 73.762 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039614.D
Acq: 26 Feb 2019 23:58

Tgt Ion:244 Resp: 1503615
Ion Ratio Lower Upper
244 100
212 9.3 7.3 10.9
122 10.3 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.364 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

Instrument :

BNA_G

ClientSampleId :

B-2B(21-22)

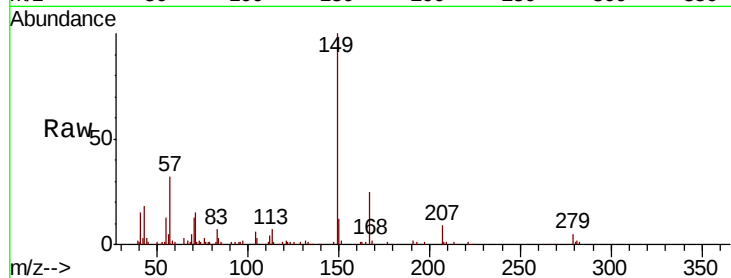
Tot Ion:149 Resp: 54380

Ion Ratio Lower Upper

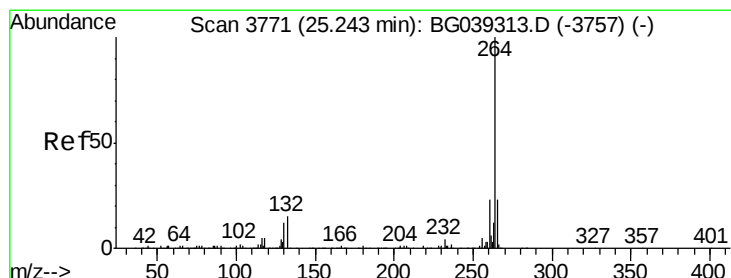
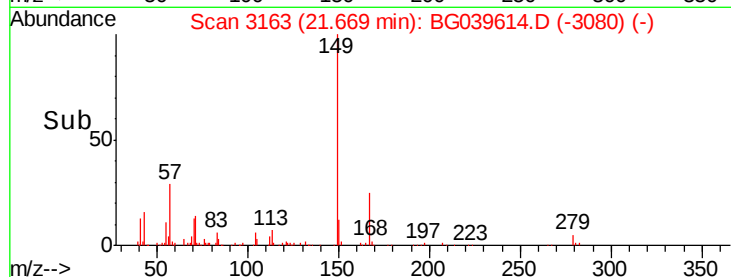
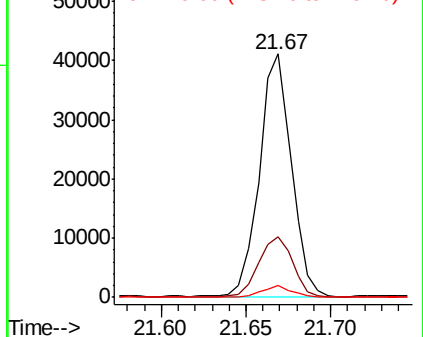
149 100

167 25.1 22.6 34.0

279 5.1 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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039614.D

Acq: 26 Feb 2019 23:58

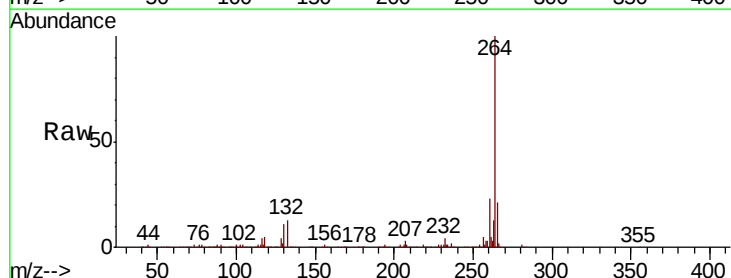
Tgt Ion:264 Resp: 446397

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.7 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

