

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039484.D
 Acq On : 13 Feb 2019 4:30
 Operator : JU/SJ
 Sample : K1458-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Feb 13 07:19:02 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	44343	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	211468	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	150895	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	351233	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	349108	20.00	ng	-0.02
87) Perylene-d12	25.22	264	340686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	428451	165.37	ng	0.00
7) Phenol-d6	7.31	99	588435	154.30	ng	0.00
23) Nitrobenzene-d5	9.35	82	411885	121.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	255332	157.14	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1012741	96.28	ng	-0.02
79) Terphenyl-d14	20.13	244	1530174	92.78	ng	-0.02

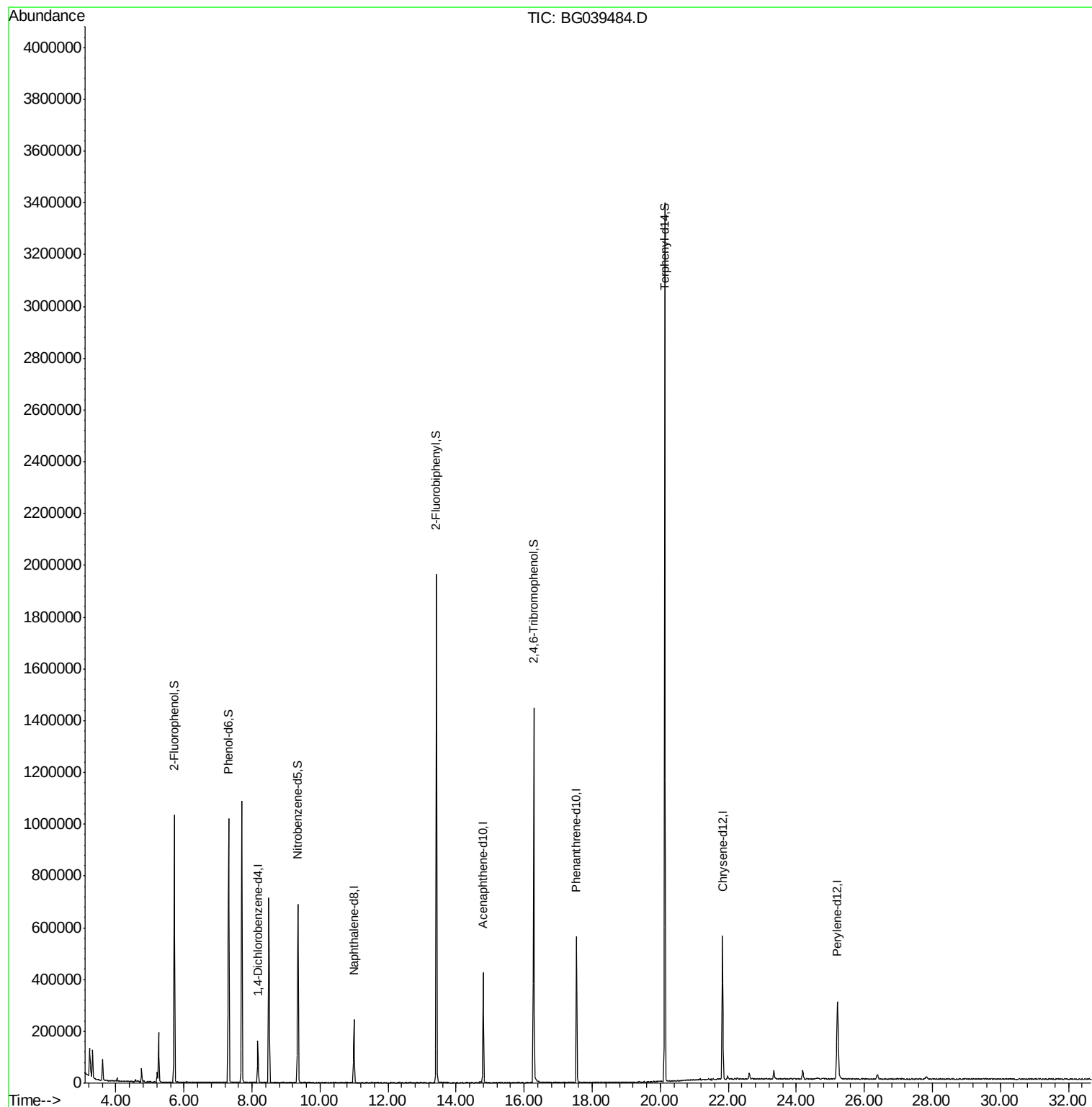
Target Compounds Qvalue

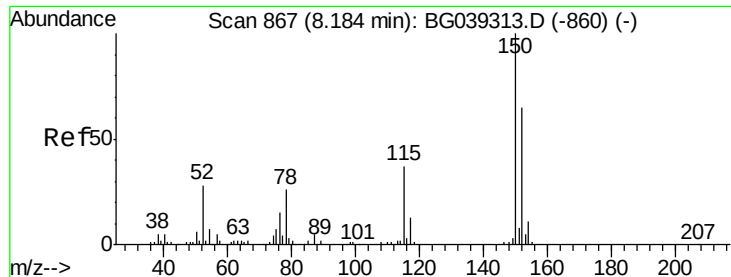
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

Instrument :

BNA_G

ClientSampled :

WC-4

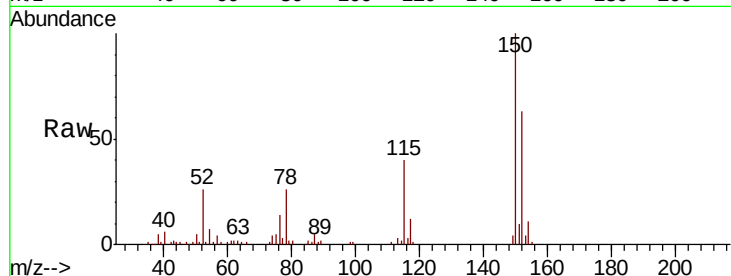
Tot Ion:152 Resp: 44343

Ion Ratio Lower Upper

152 100

150 157.5 123.7 185.5

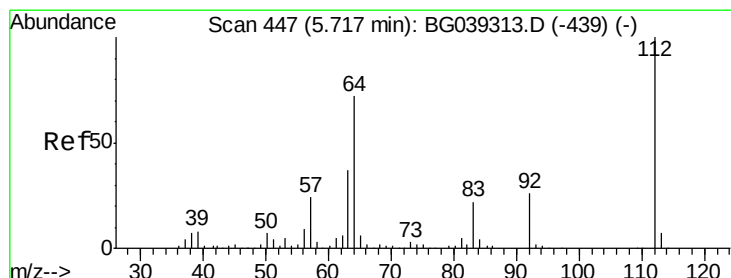
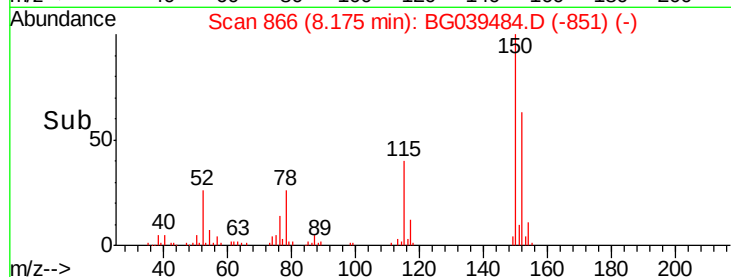
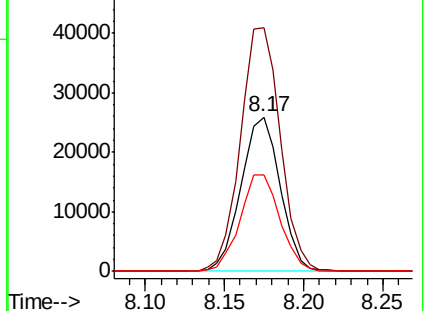
115 62.6 45.9 68.9



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: 165.369 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

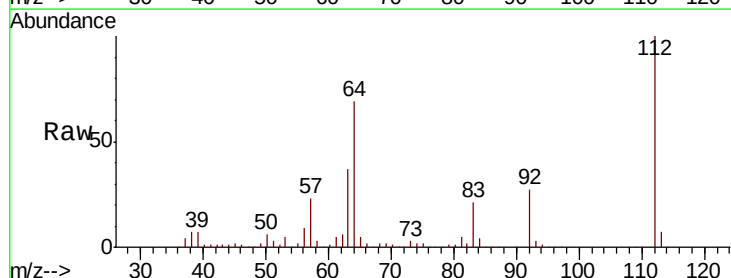
Tgt Ion:112 Resp: 428451

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

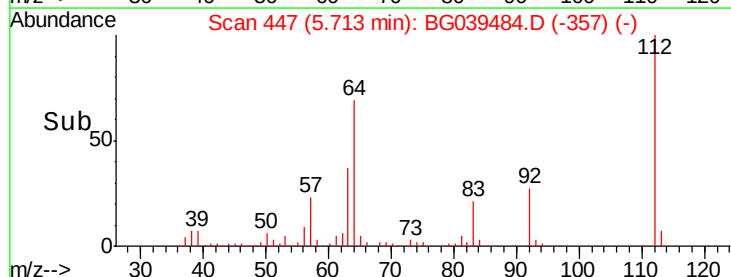
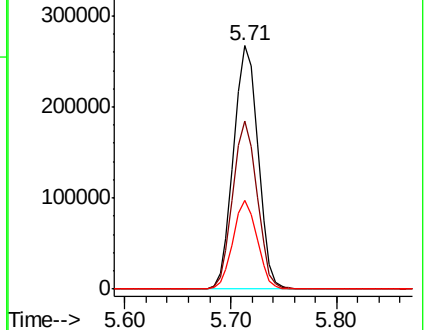
63 36.5 29.8 44.6

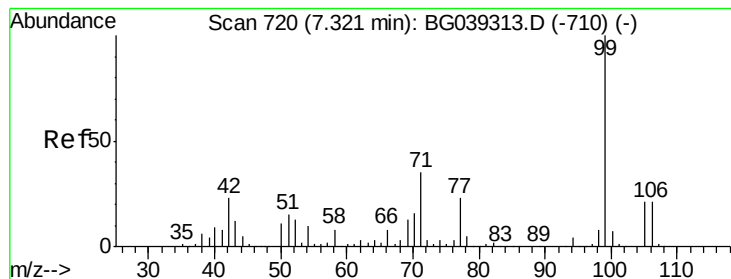


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.295 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

Instrument :

BNA_G

ClientSampleId :

WC-4

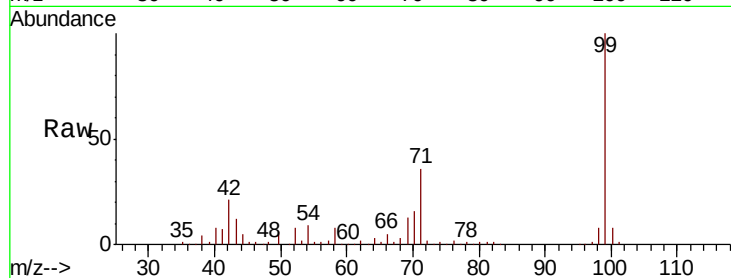
Tot Ion: 99 Resp: 588435

Ion Ratio Lower Upper

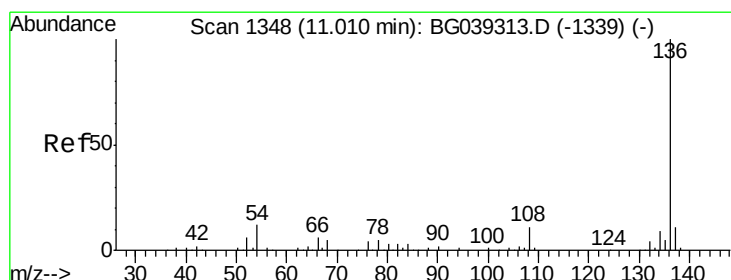
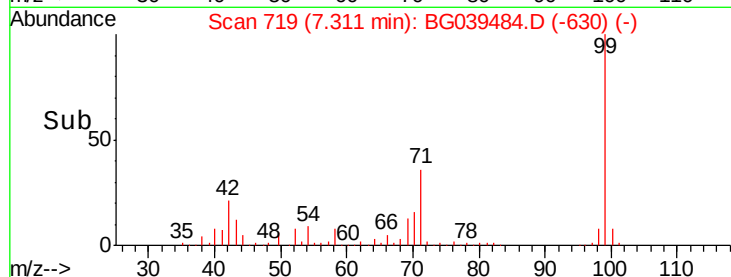
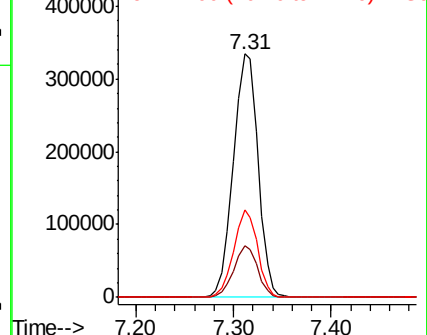
99 100

42 21.1 18.2 27.2

71 36.1 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# 1346

Delta R.T. -0.02 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

Tgt Ion: 136 Resp: 211468

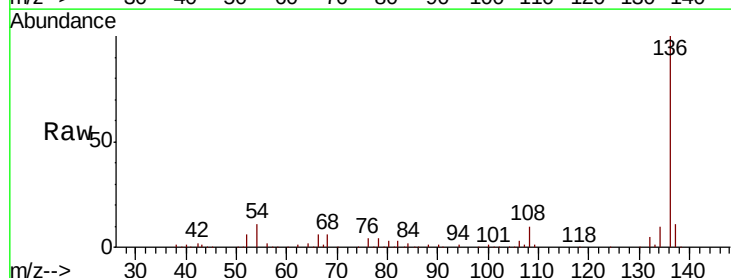
Ion Ratio Lower Upper

136 100

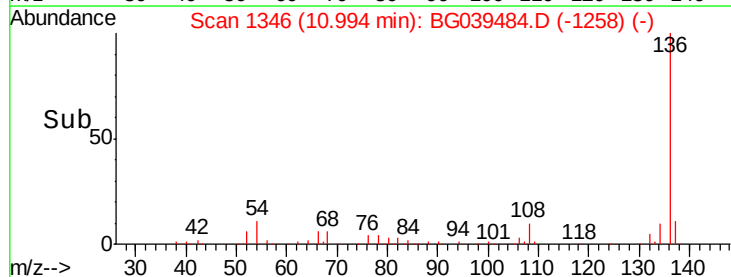
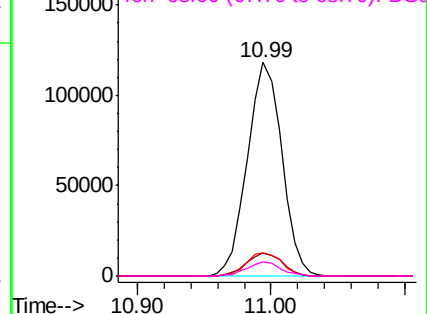
137 10.9 9.1 13.7

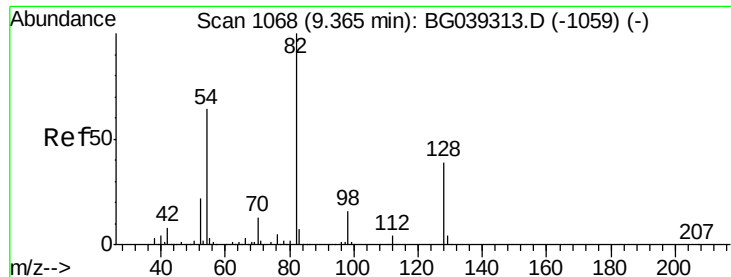
54 10.8 9.4 14.2

68 6.4 4.2 6.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

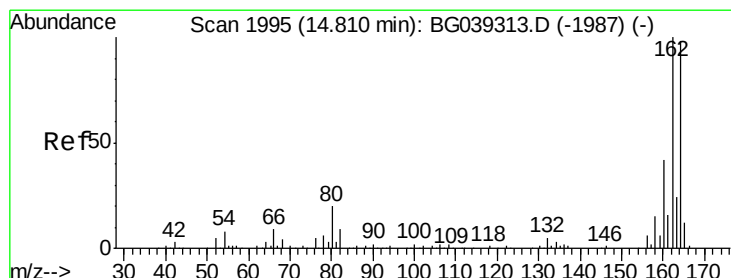
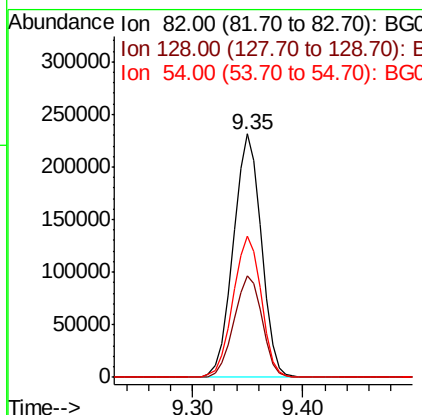
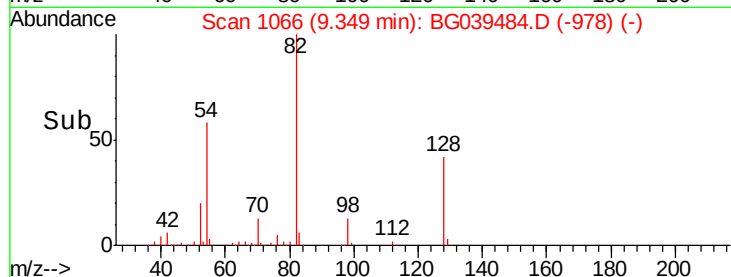
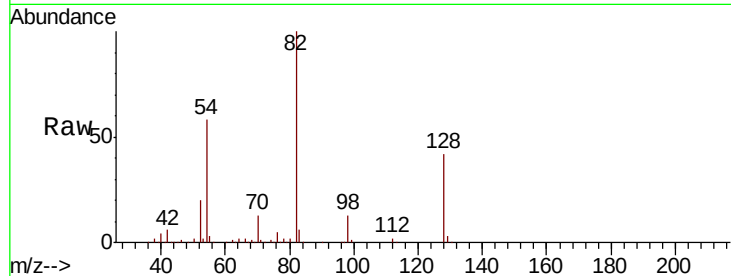




#23
Nitrobenzene-d5
Concen: 121.679 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039484.D
Acq: 13 Feb 2019 4:30

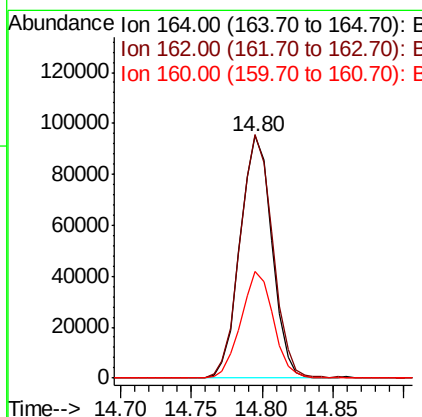
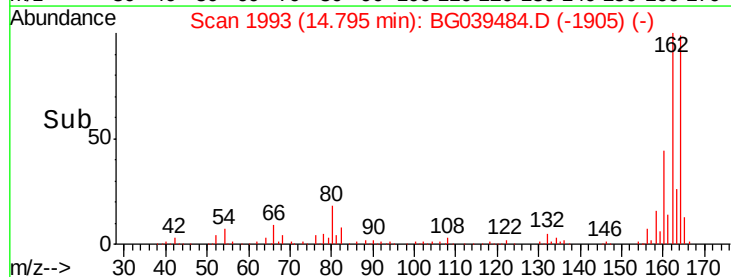
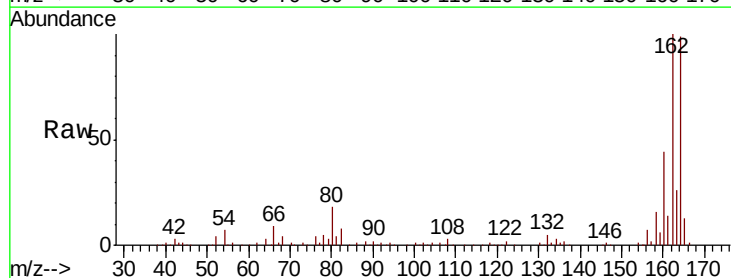
Instrument :
BNA_G
ClientSampled :
WC-4

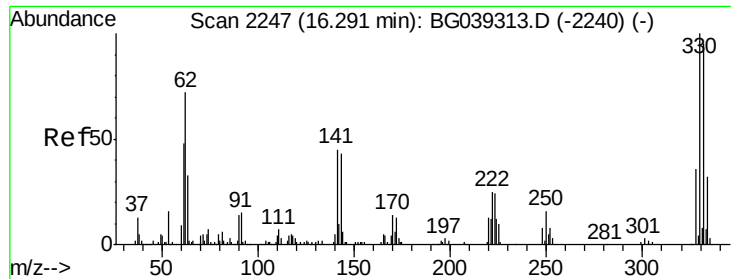
Tot Ion	82	Resp	411885
Ion Ratio	100	Lower	Upper
128	41.9	31.3	46.9
54	58.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039484.D
Acq: 13 Feb 2019 4:30

Tgt Ion	164	Resp	150895
Ion Ratio	100	Lower	Upper
162	100.6	81.6	122.4
160	44.0	34.2	51.2

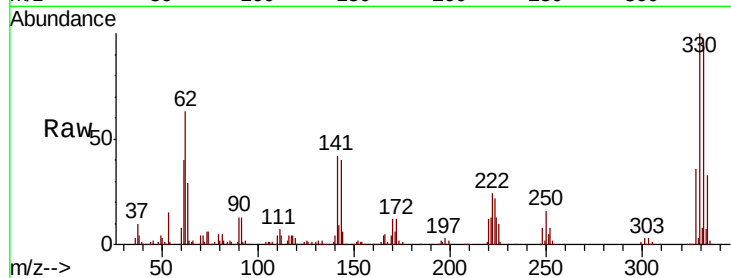




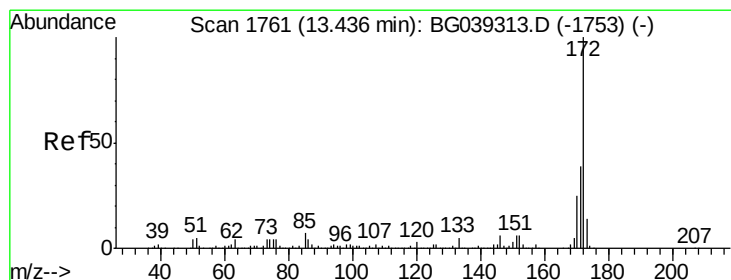
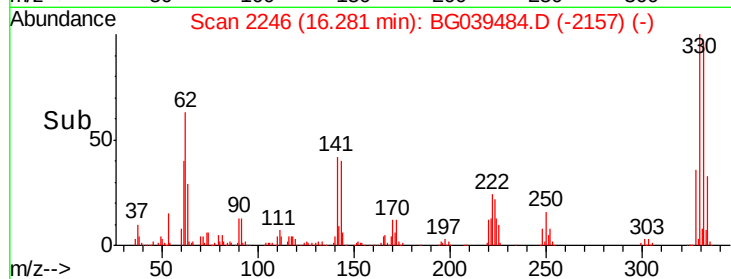
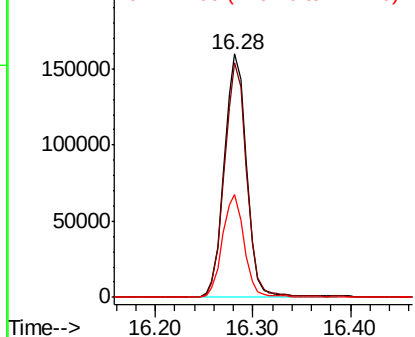
#42
 2,4,6-Tribromophenol
 Concen: 157.139 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039484.D
 Acq: 13 Feb 2019 4:30

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Tot Ion:330 Resp: 255332
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 41.3 35.6 53.4

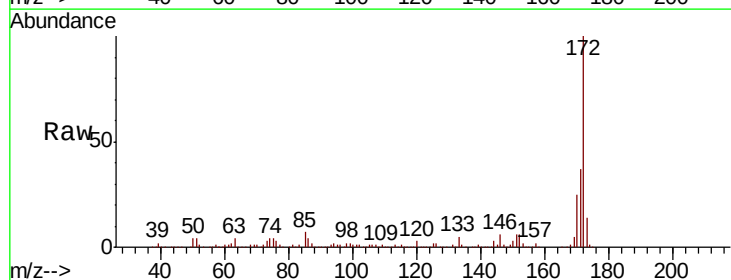


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

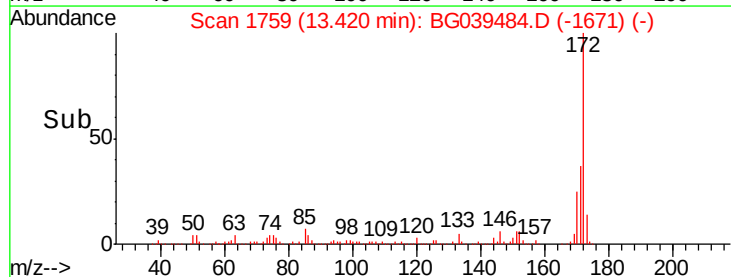
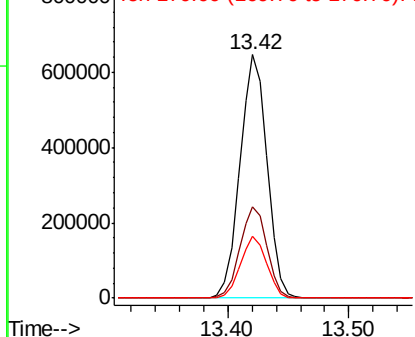


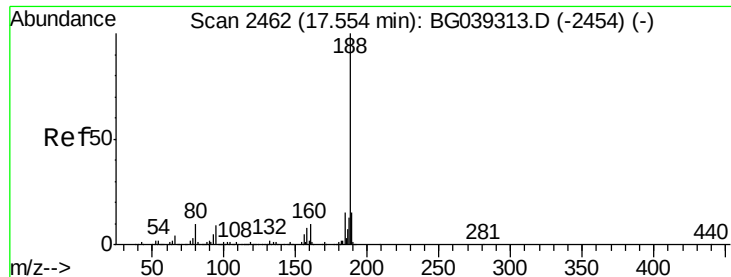
#45
 2-Fluorobiphenyl
 Concen: 96.281 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039484.D
 Acq: 13 Feb 2019 4:30

Tgt Ion:172 Resp: 1012741
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.5 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. -0.02 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

Instrument :

BNA_G

ClientSampleId :

WC-4

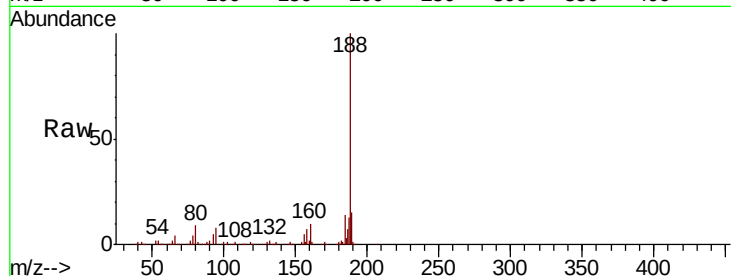
Tot Ion:188 Resp: 351233

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

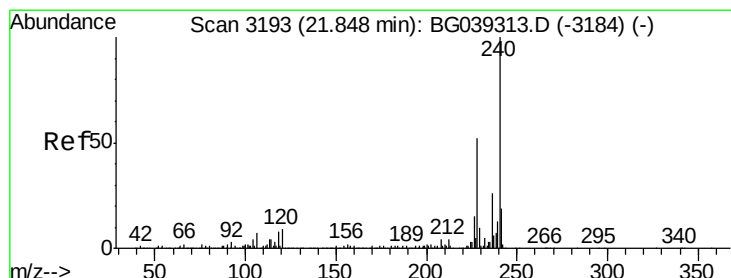
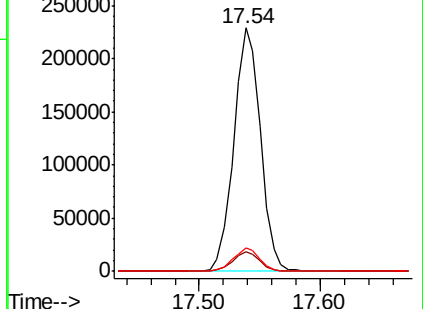
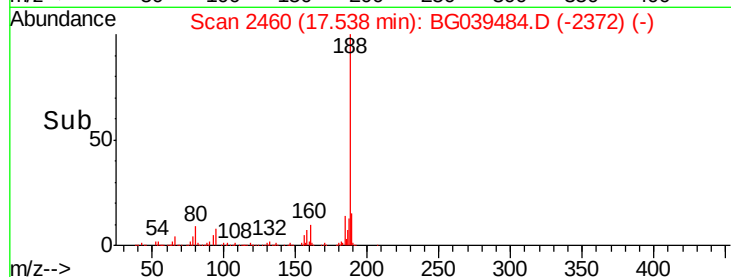
80 9.5 8.1 12.1



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# 3191

Delta R.T. -0.02 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

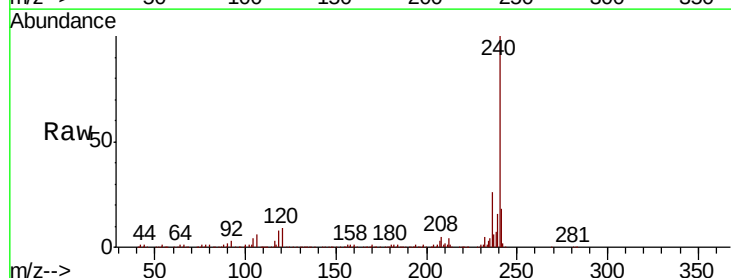
Tgt Ion:240 Resp: 349108

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

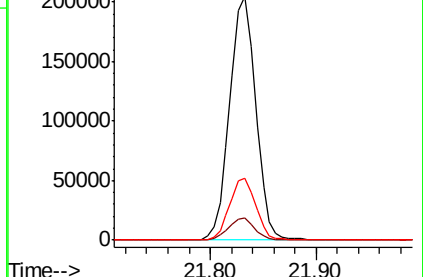
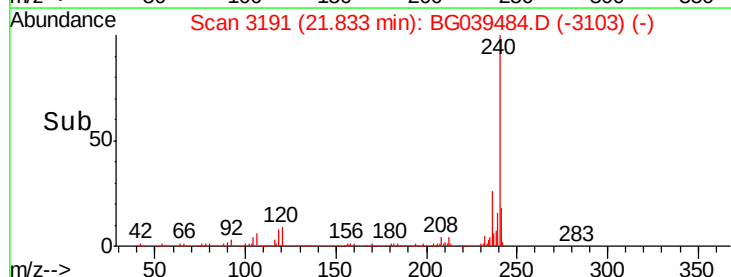
236 25.6 21.0 31.4

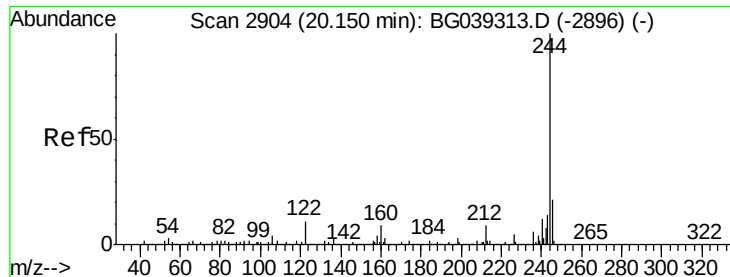


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.776 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

Instrument :

BNA_G

ClientSampled :

WC-4

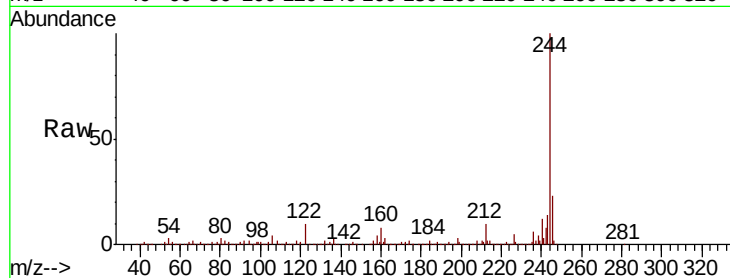
Tot Ion:244 Resp: 1530174

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

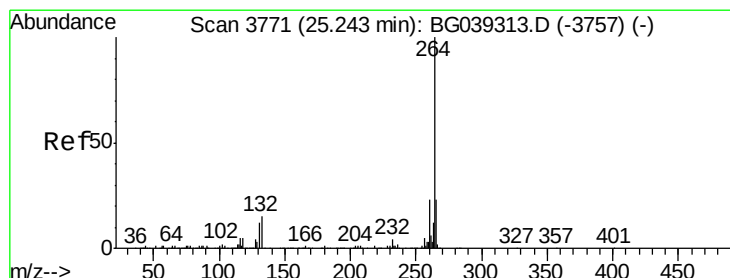
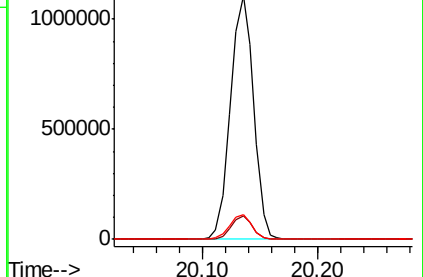
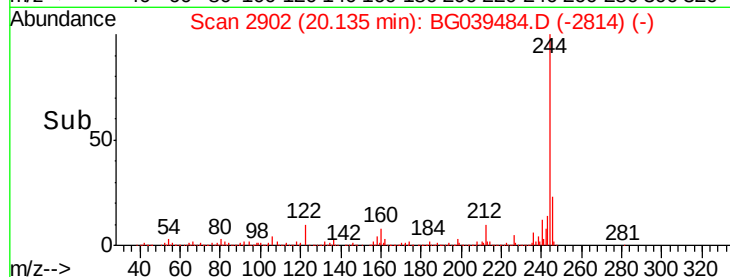
122 10.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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. -0.03 min

Lab File: BG039484.D

Acq: 13 Feb 2019 4:30

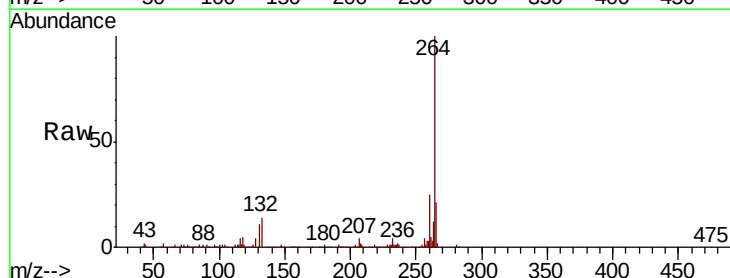
Tgt Ion:264 Resp: 340686

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.4

265 21.1 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

