

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039424.D
 Acq On : 8 Feb 2019 20:34
 Operator : JU/SJ
 Sample : PB116948BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Quant Time: Feb 09 00:17:51 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	8.18	152	55518	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	235866	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150404	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	375577	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	421992	20.00	ng	-0.02
87) Perylene-d12	25.21	264	421853	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	513543	158.32	ng	0.00
7) Phenol-d6	7.31	99	722579	151.33	ng	0.00
23) Nitrobenzene-d5	9.35	82	420969	111.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	266329	164.44	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1027998	98.05	ng	-0.01
79) Terphenyl-d14	20.14	244	1680840	84.31	ng	-0.01

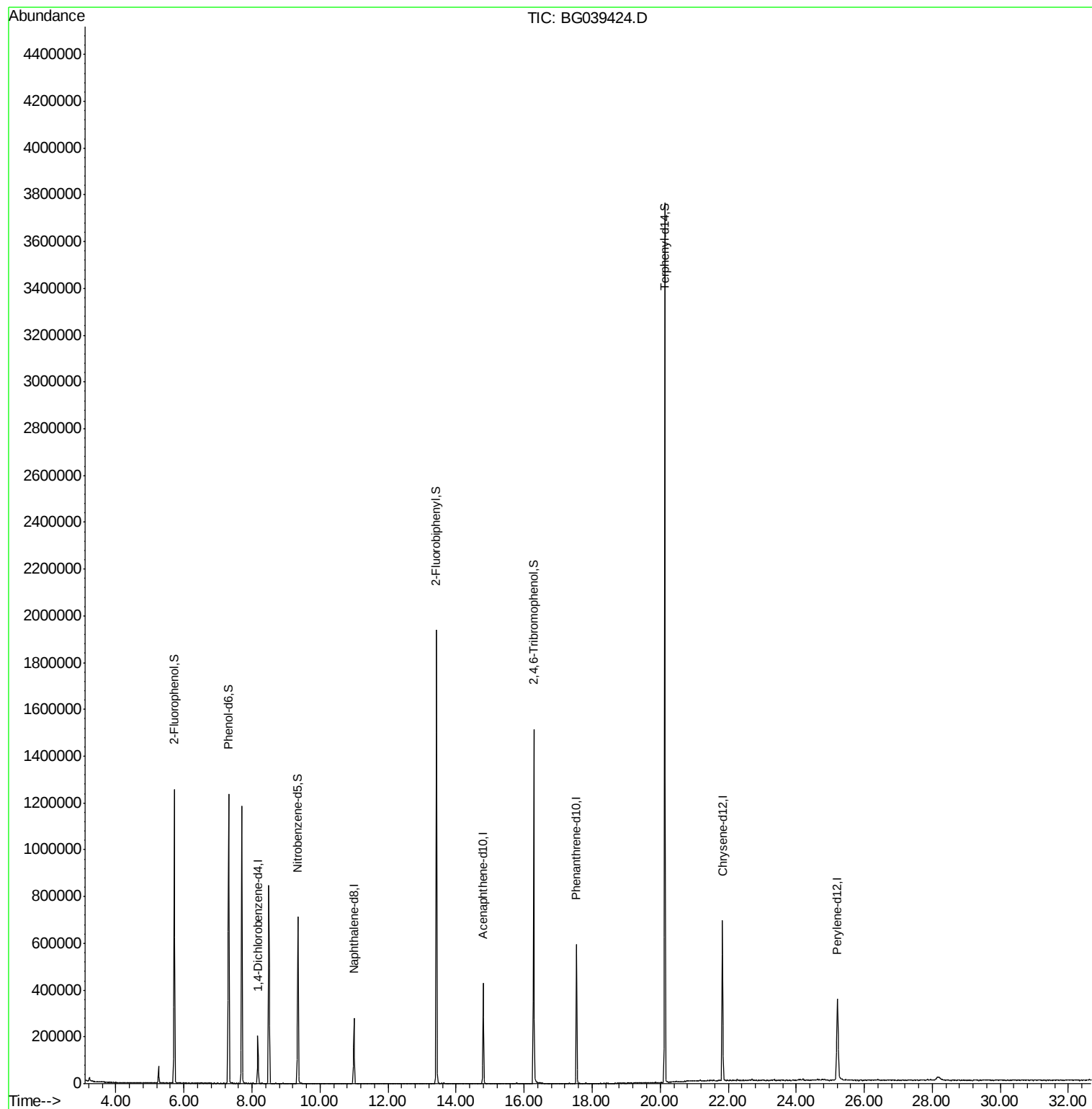
Target Compounds Qvalue

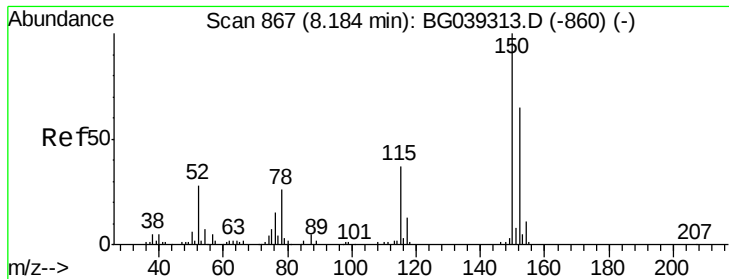
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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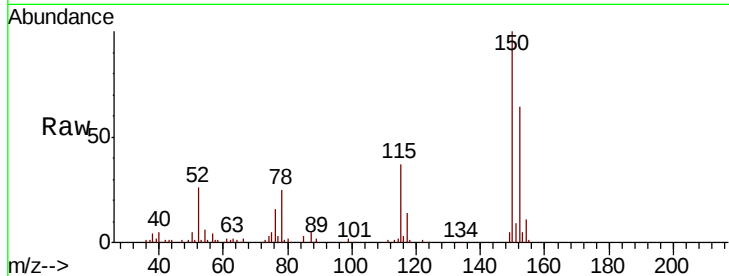


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Instrument :
BNA_G
ClientSampleId :
PB116948BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	57.4	45.9	68.9

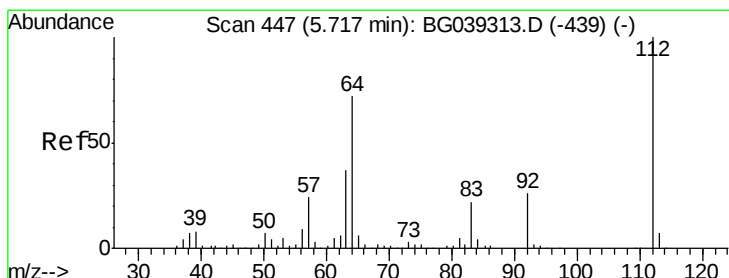
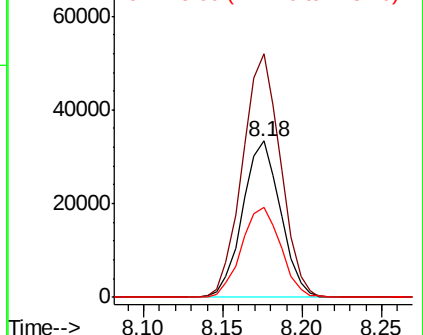
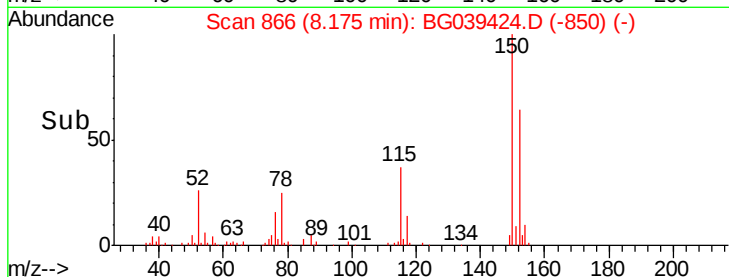


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

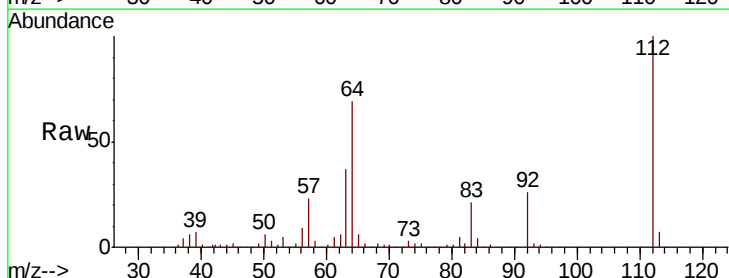
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.315 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039424.D
Acq: 8 Feb 2019 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	36.7	29.8	44.6

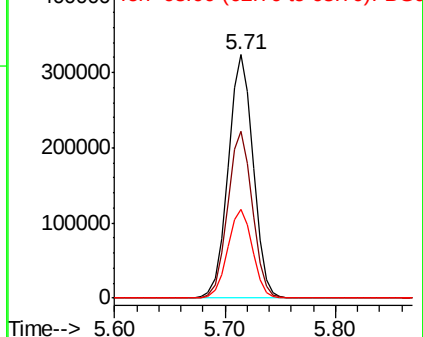
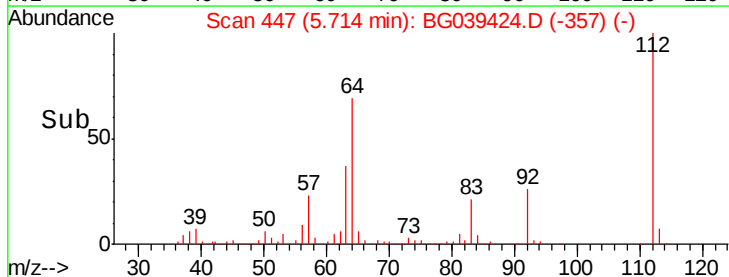


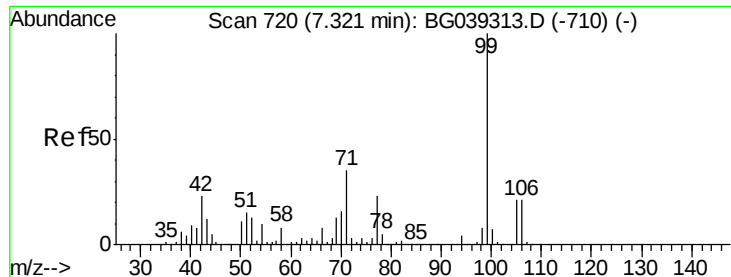
Abundance

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: 151.332 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

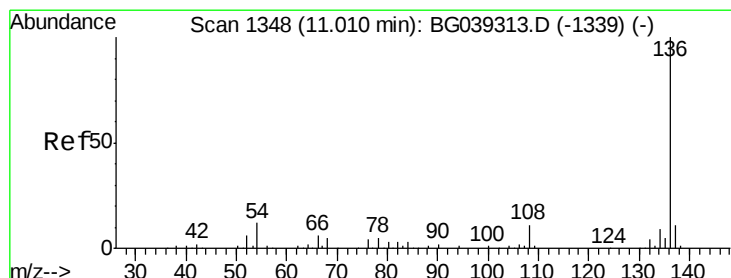
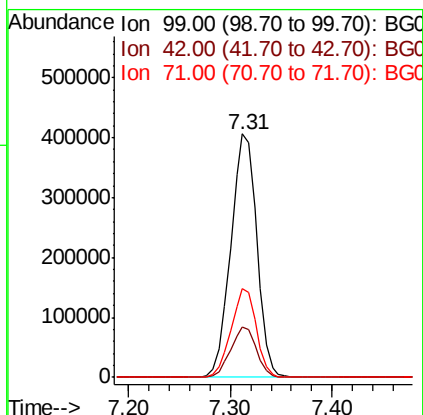
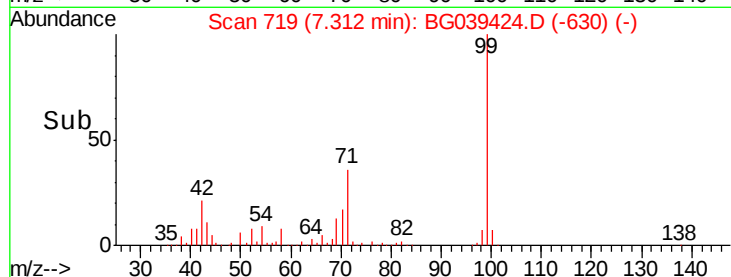
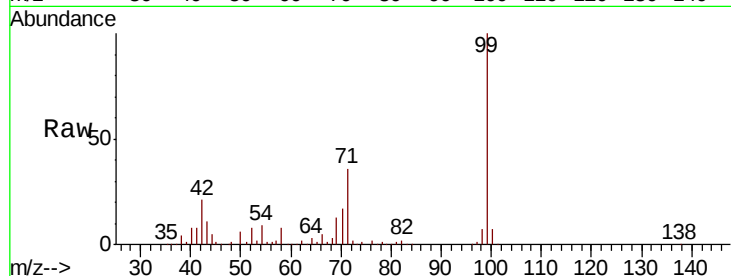
Tot Ion: 99 Resp: 722579

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.2

71 36.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Tgt Ion: 136 Resp: 235866

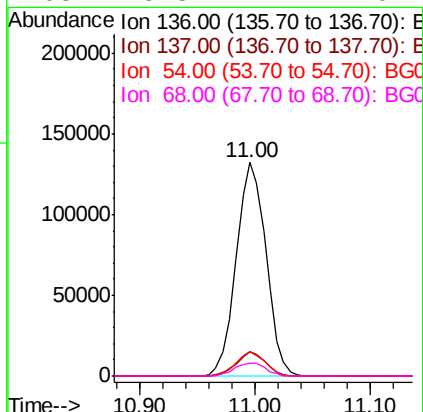
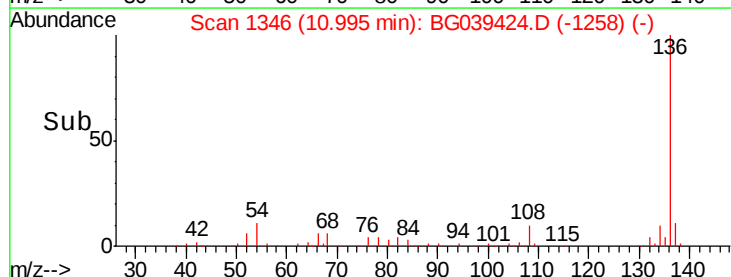
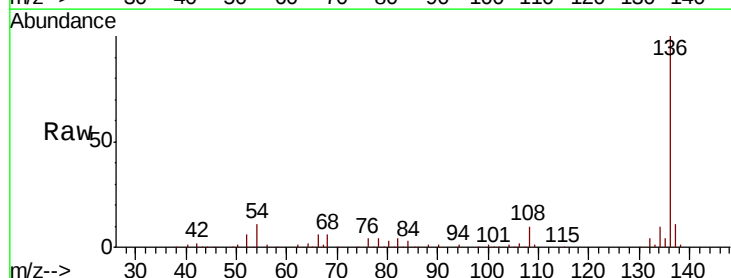
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 11.4 9.4 14.2

68 5.8 4.2 6.4

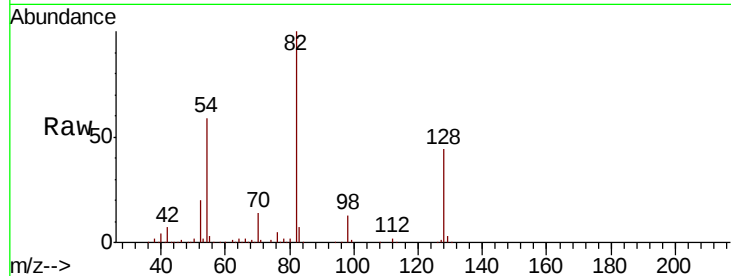




#23
 Nitrobenzene-d5
 Concen: 111.498 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Tot Ion	82	Resp	420969
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	59.5	50.9	76.3

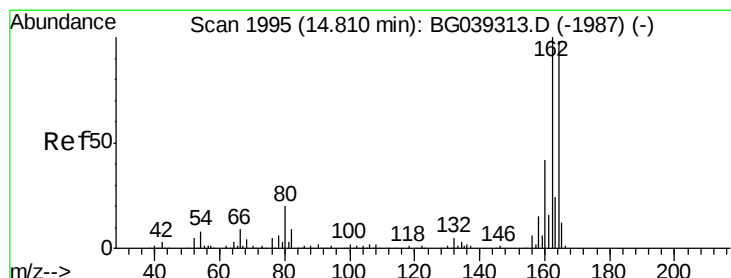
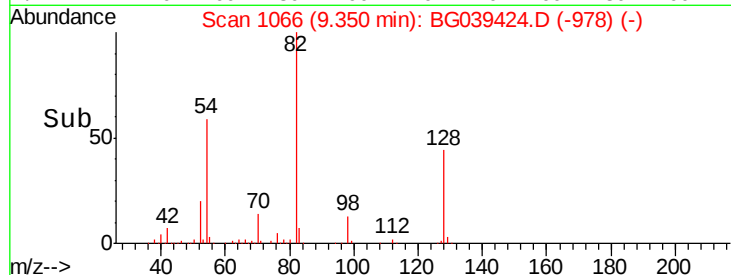
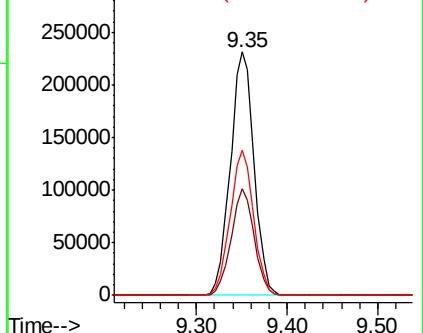


Abundance

Ion 82.00 (81.70 to 82.70): BGC

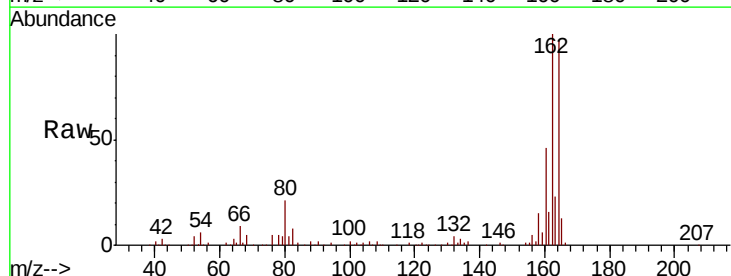
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Tgt Ion	164	Resp	150404
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	46.9	34.2	51.2

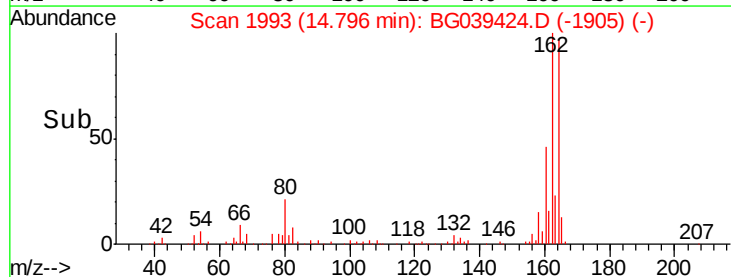
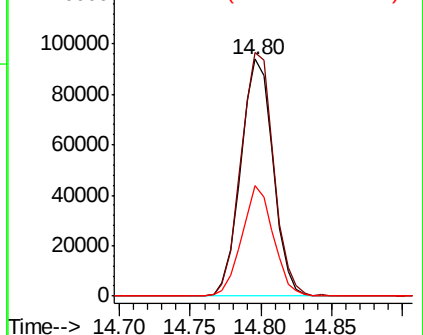


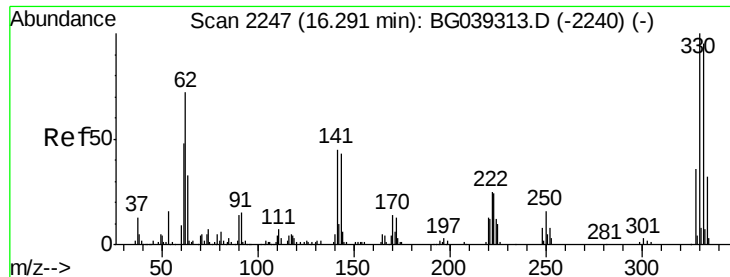
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

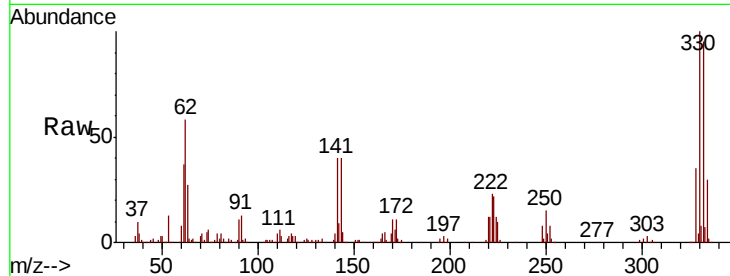




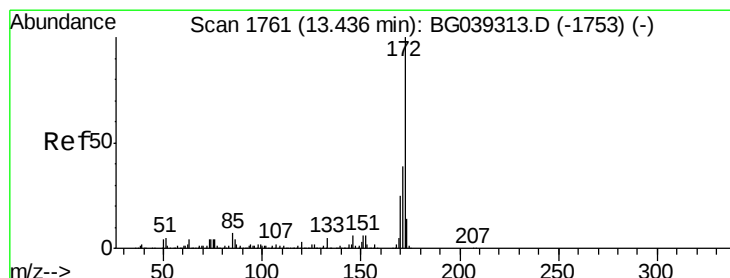
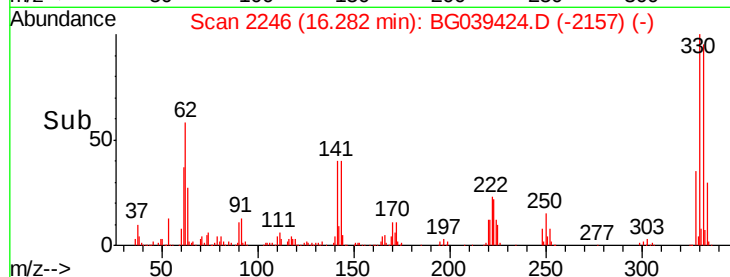
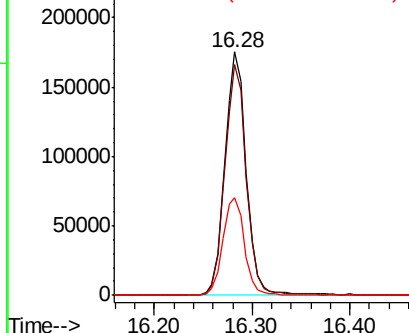
#42
 2,4,6-Tribromophenol
 Concen: 164.442 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB116948BL

Tot Ion:330 Resp: 266329
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 40.9 35.6 53.4

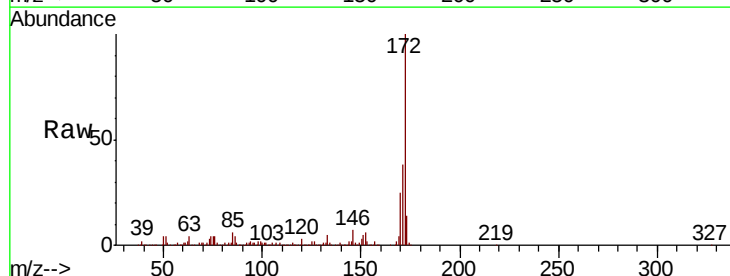


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

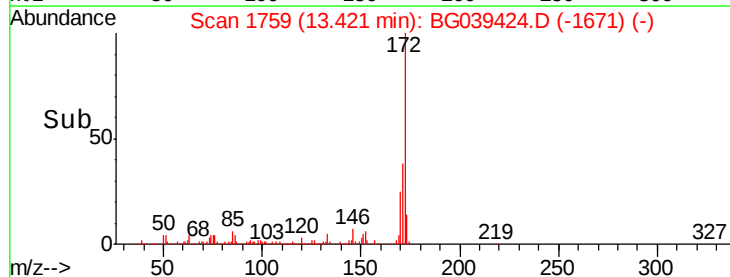
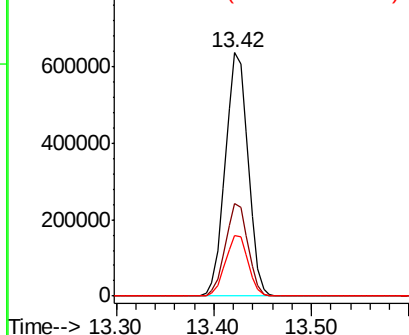


#45
 2-Fluorobiphenyl
 Concen: 98.050 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039424.D
 Acq: 8 Feb 2019 20:34

Tgt Ion:172 Resp: 1027998
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.0 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. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

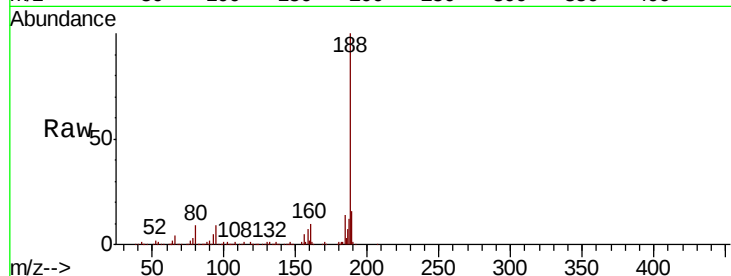
Tot Ion:188 Resp: 375577

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

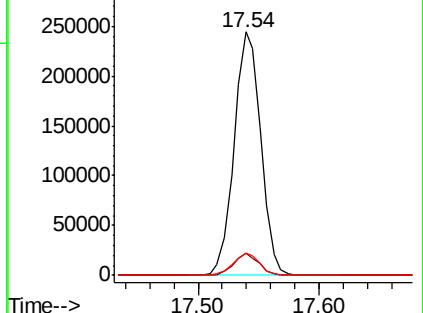
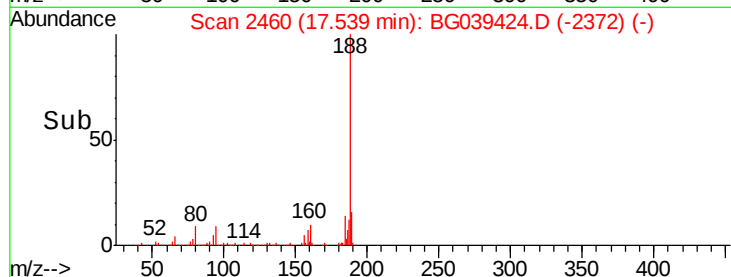
80 9.2 8.1 12.1



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# 3190

Delta R.T. -0.02 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

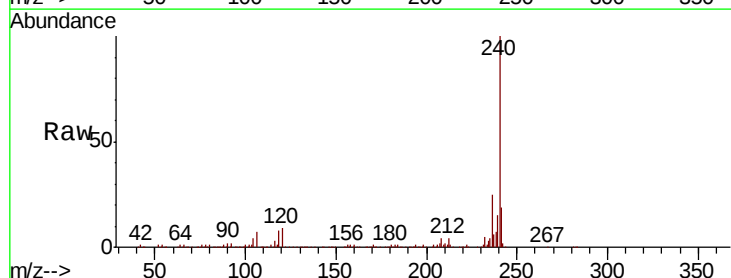
Tgt Ion:240 Resp: 421992

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

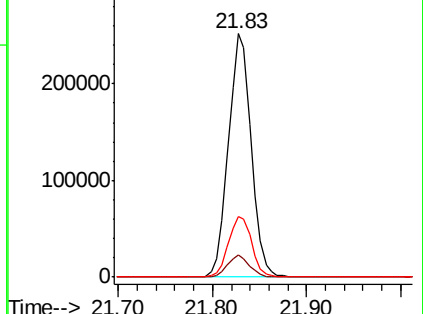
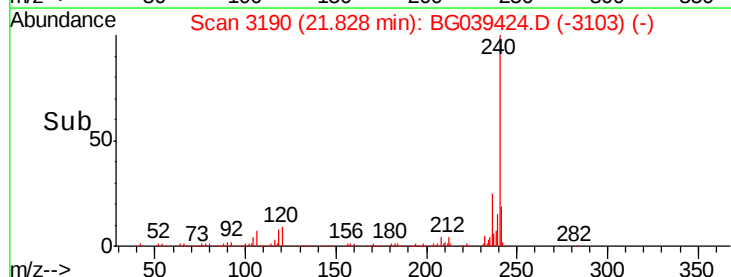
236 25.0 21.0 31.4



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: 84.310 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

Instrument :

BNA_G

ClientSampleId :

PB116948BL

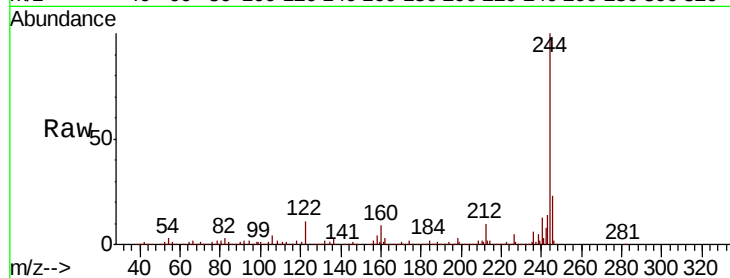
Tot Ion:244 Resp: 1680840

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

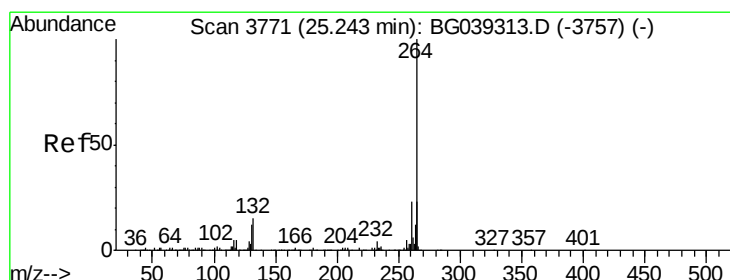
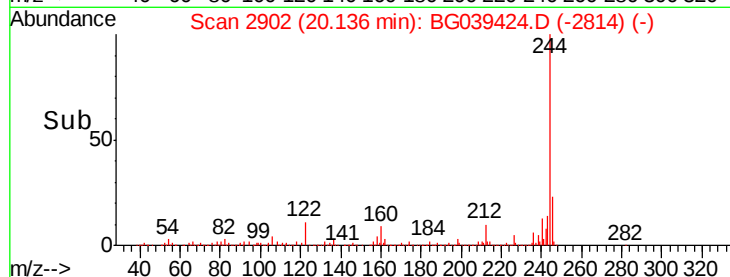
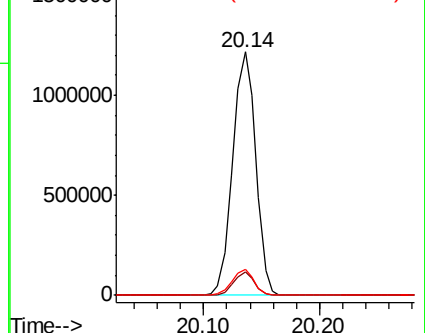
122 10.7 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039424.D

Acq: 8 Feb 2019 20:34

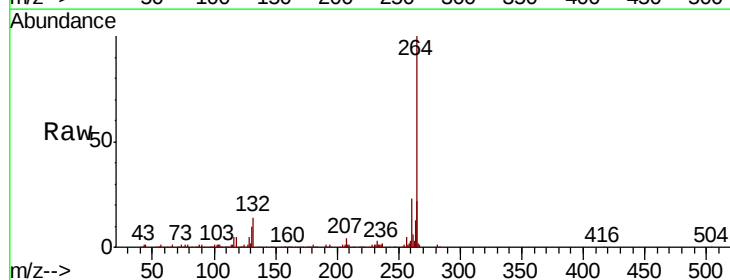
Tgt Ion:264 Resp: 421853

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.5 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

