

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039501.D
 Acq On : 13 Feb 2019 23:16
 Operator : JU/SJ
 Sample : K1343-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-I

Quant Time: Feb 14 03:13:09 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	44373	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	200456	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	147410	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	367637	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	388092	20.00	ng	-0.02
87) Perylene-d12	25.21	264	374305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	362569	139.85	ng	0.00
7) Phenol-d6	7.31	99	481085	126.06	ng	0.00
23) Nitrobenzene-d5	9.35	82	364845	113.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	216139	136.16	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	921054	89.63	ng	-0.01
79) Terphenyl-d14	20.13	244	1556939	84.92	ng	-0.02

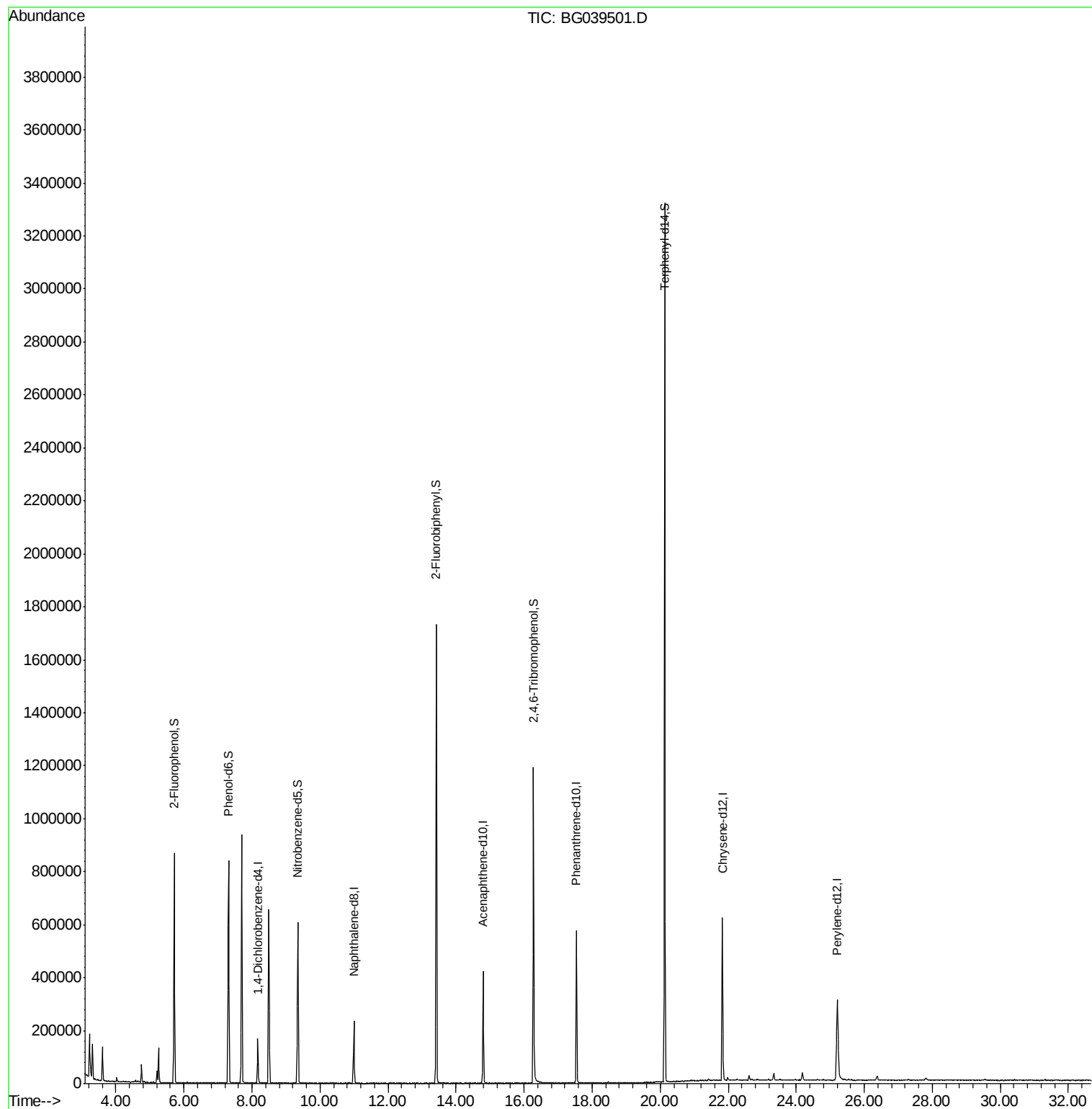
Target Compounds Qvalue

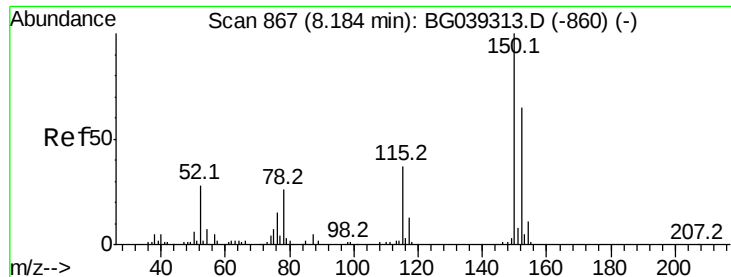
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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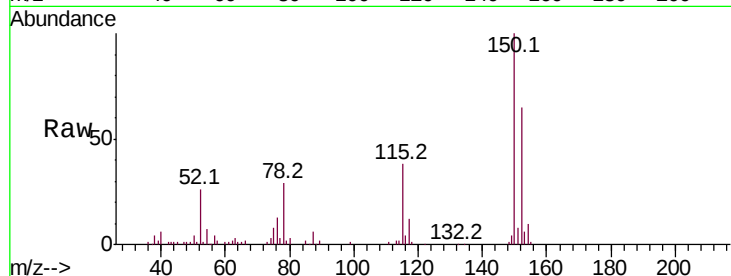


#1

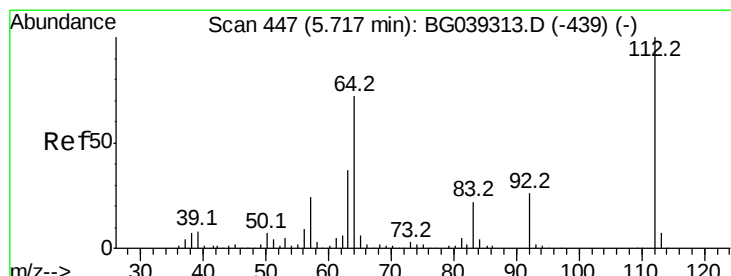
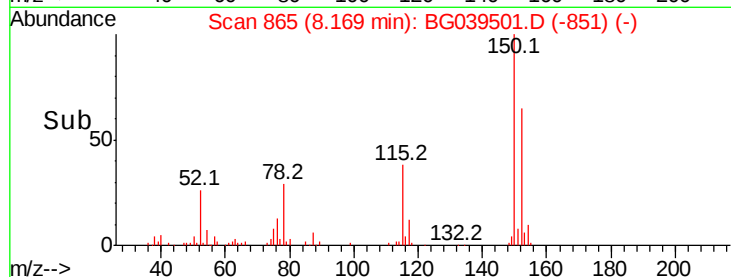
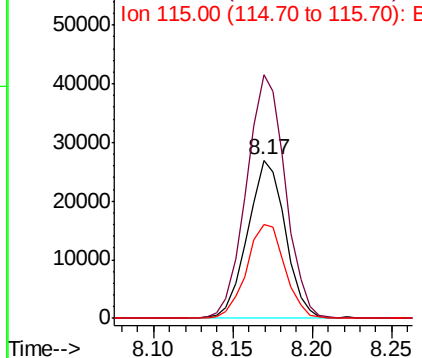
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039501.D
Acq: 13 Feb 2019 23:16

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-I

Tot Ion:152 Resp: 44373
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 58.9 45.9 68.9



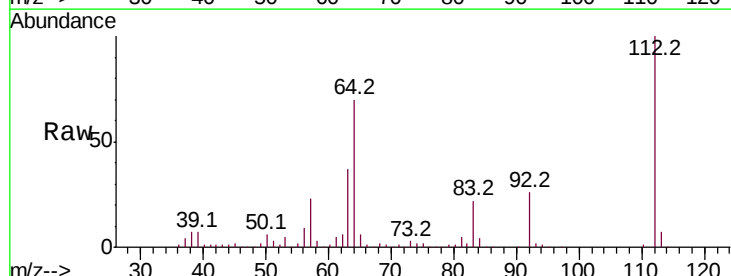
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



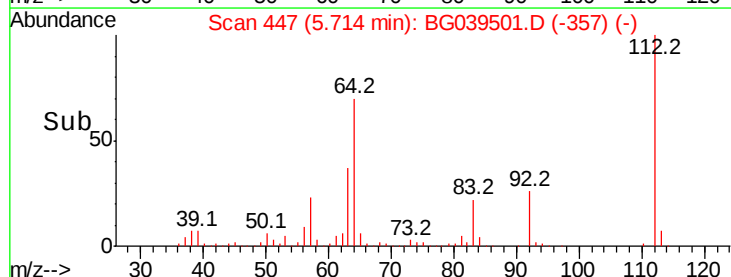
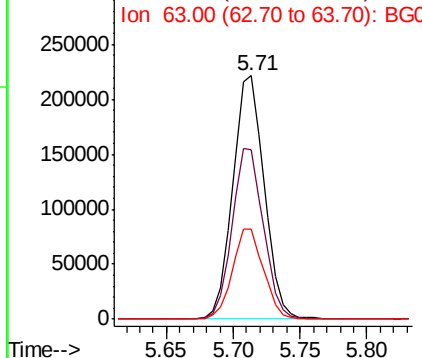
#5

2-Fluorophenol
Concen: 139.846 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039501.D
Acq: 13 Feb 2019 23:16

Tgt Ion:112 Resp: 362569
Ion Ratio Lower Upper
112 100
64 69.6 57.8 86.8
63 37.1 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: 126.062 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039501.D

Acq: 13 Feb 2019 23:16

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-I

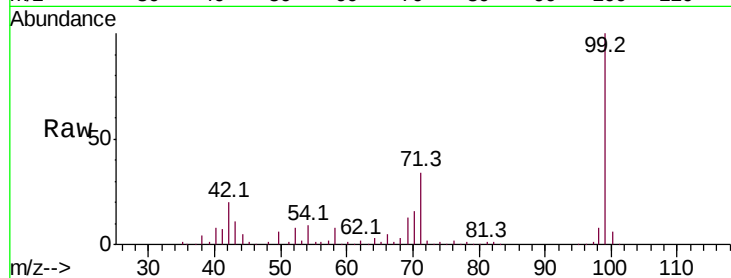
Tot Ion: 99 Resp: 481085

Ion Ratio Lower Upper

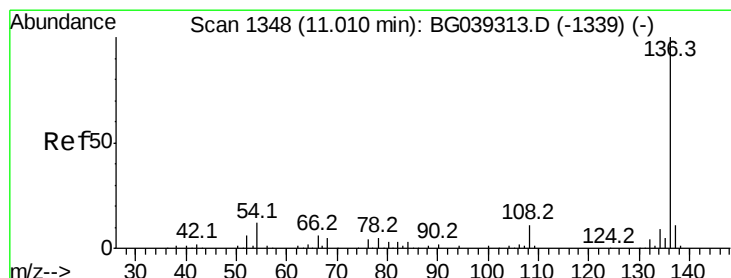
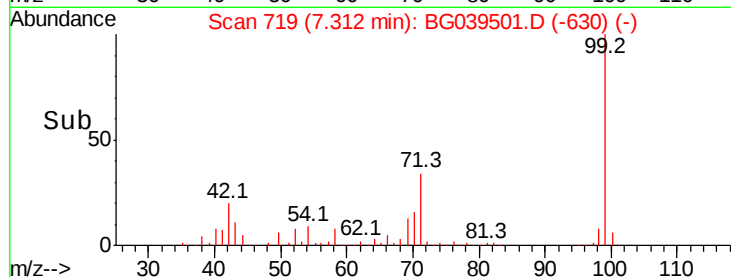
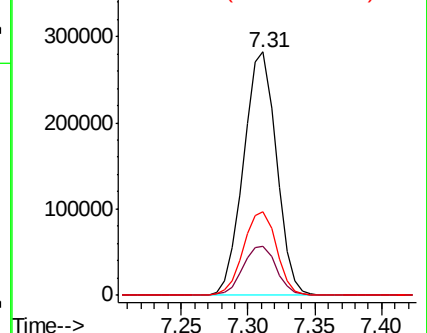
99 100

42 20.4 18.2 27.2

71 34.1 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: BG039501.D

Acq: 13 Feb 2019 23:16

Tgt Ion: 136 Resp: 200456

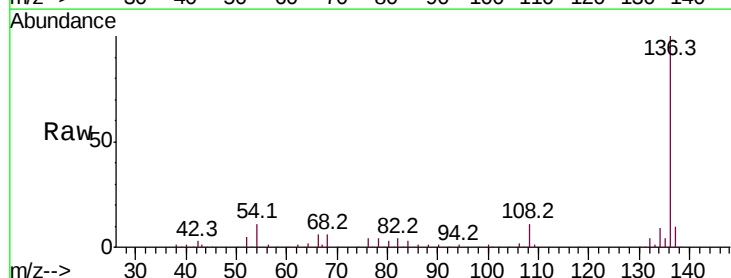
Ion Ratio Lower Upper

136 100

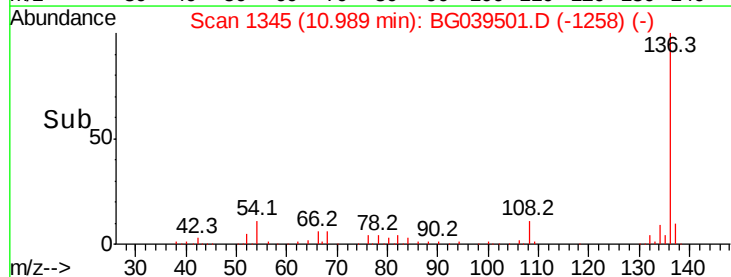
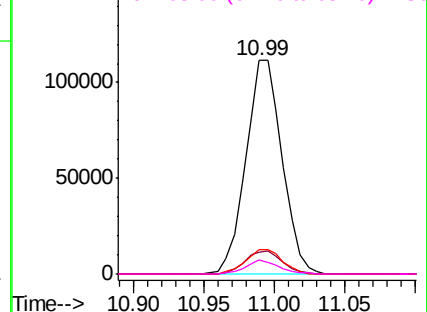
137 10.2 9.1 13.7

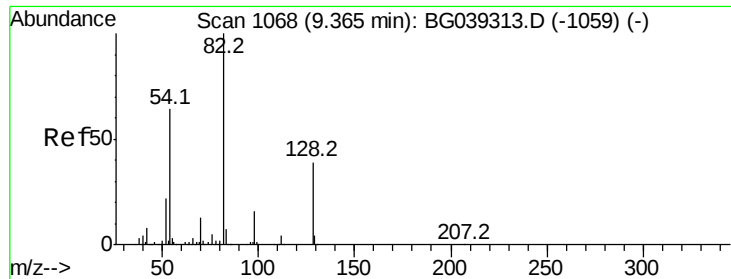
54 11.2 9.4 14.2

68 6.4 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

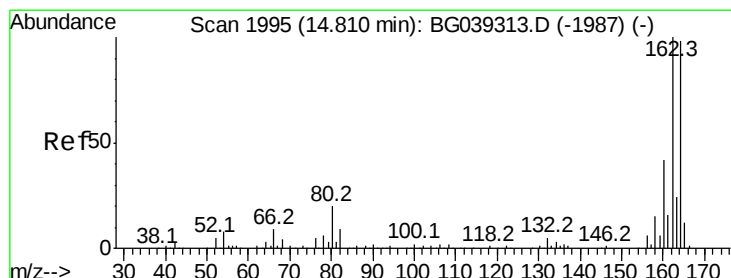
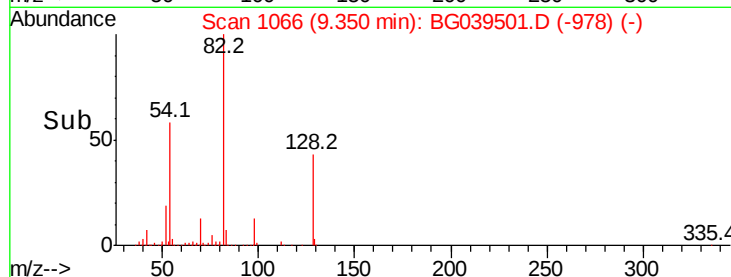
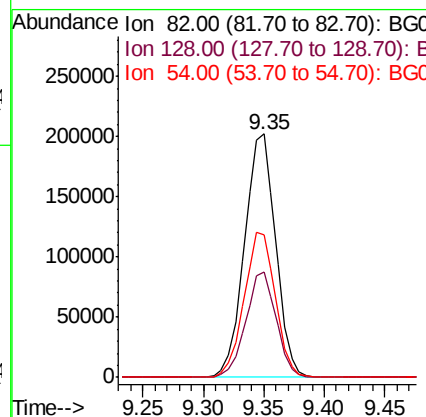
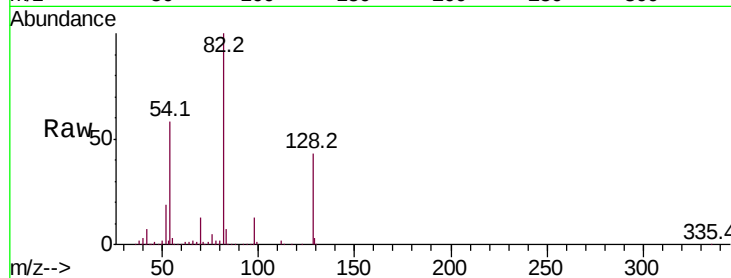




#23
 Nitrobenzene-d5
 Concen: 113.703 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

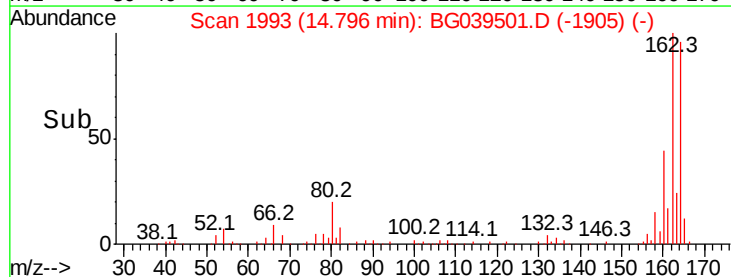
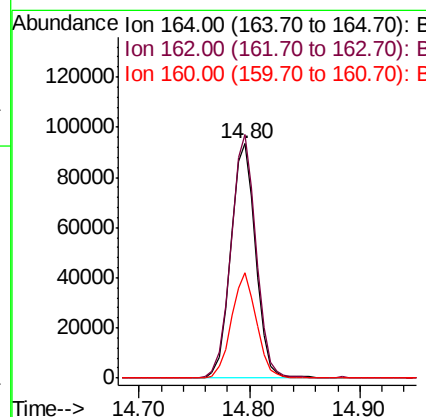
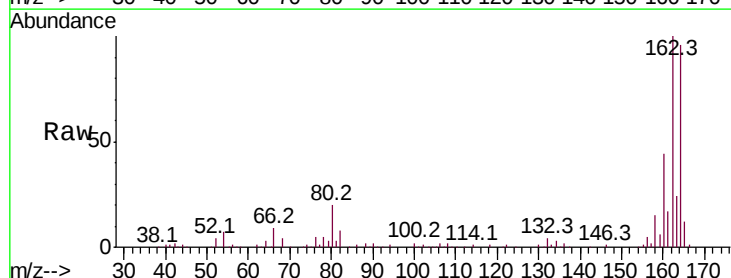
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-I

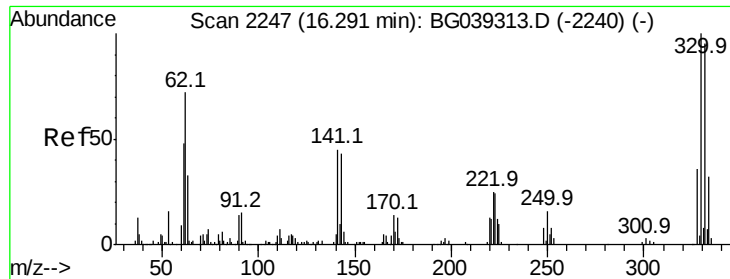
Tot Ion	82	Resp	364845
Ion Ratio	Lower	Upper	
82	100		
128	43.1	31.3	46.9
54	58.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

Tgt Ion	164	Resp	147410
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.6	122.4
160	45.3	34.2	51.2

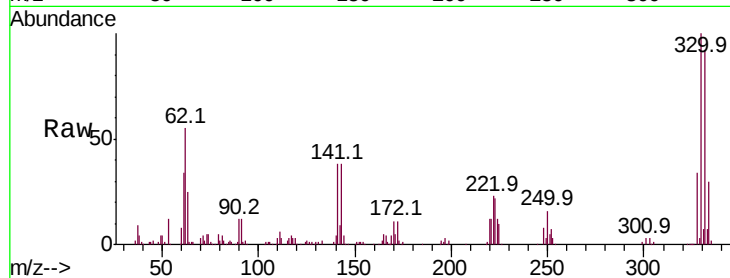




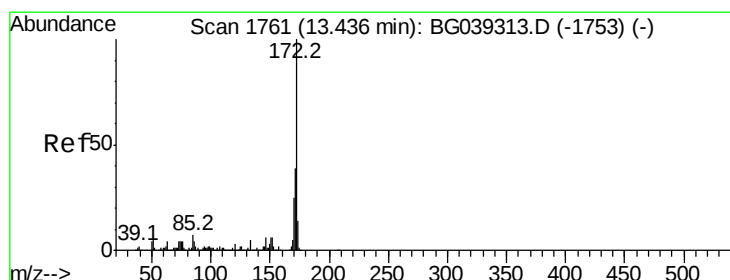
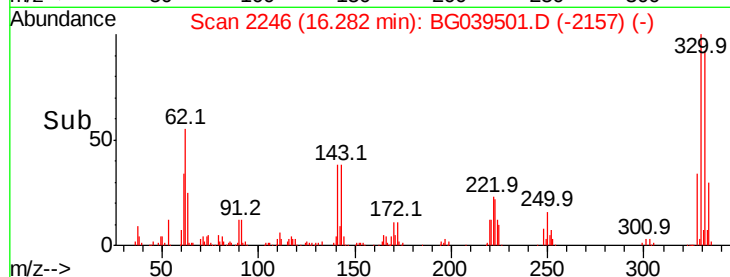
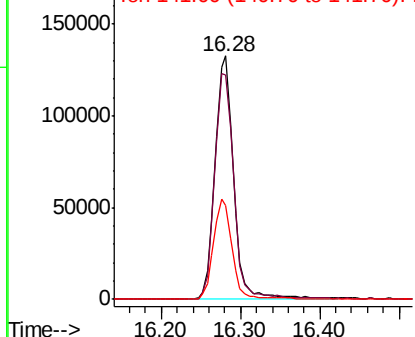
#42
 2,4,6-Tribromophenol
 Concen: 136.163 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-I

Tot Ion:330 Resp: 216139
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 41.3 35.6 53.4

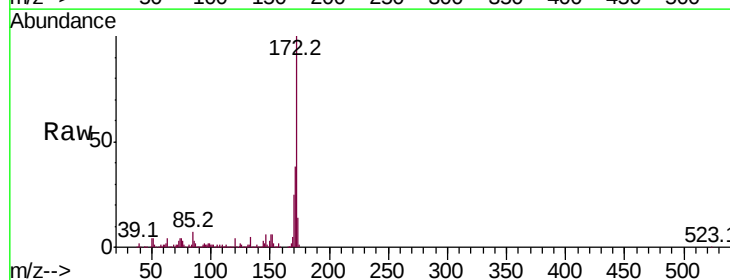


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

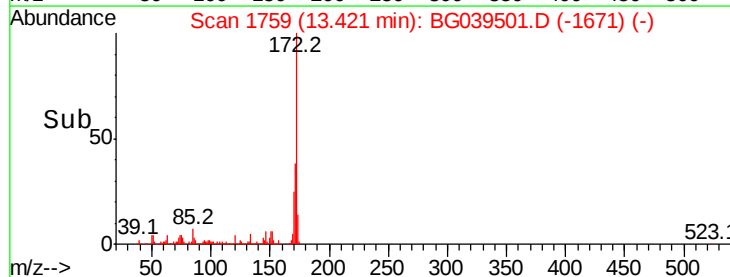
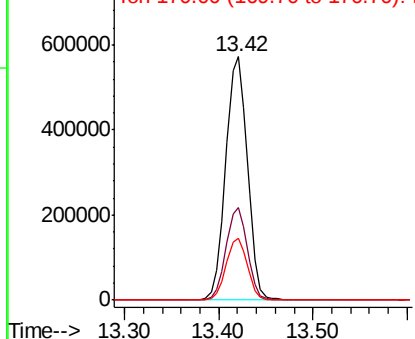


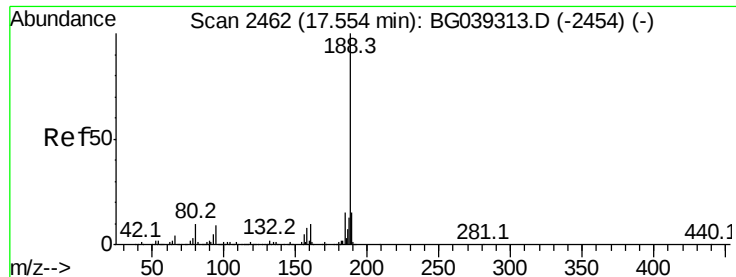
#45
 2-Fluorobiphenyl
 Concen: 89.634 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

Tgt Ion:172 Resp: 921054
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.2 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: BG039501.D

Acq: 13 Feb 2019 23:16

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-I

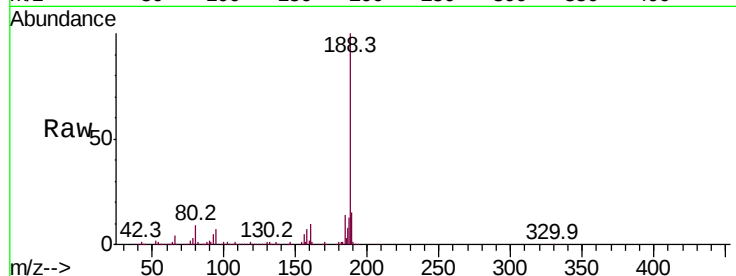
Tot Ion:188 Resp: 367637

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

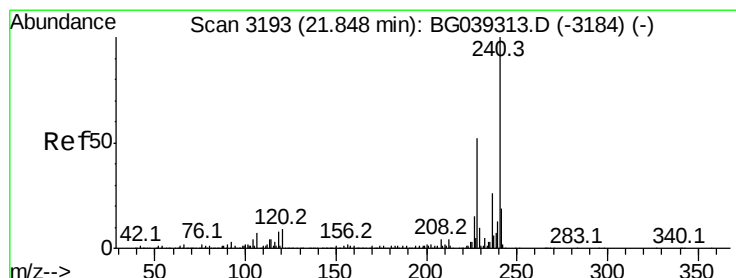
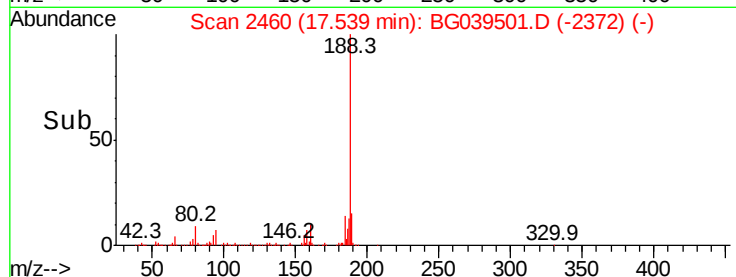
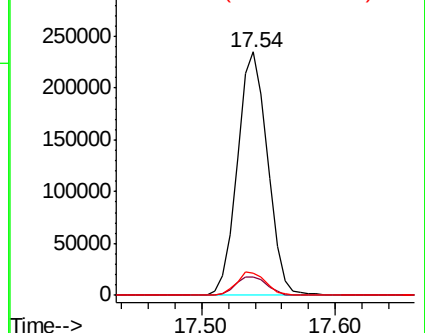
80 8.9 8.1 12.1



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: BG039501.D

Acq: 13 Feb 2019 23:16

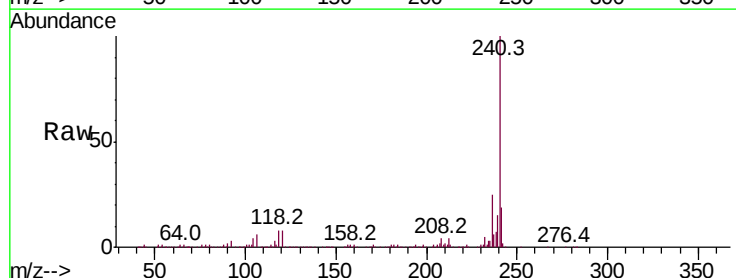
Tgt Ion:240 Resp: 388092

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

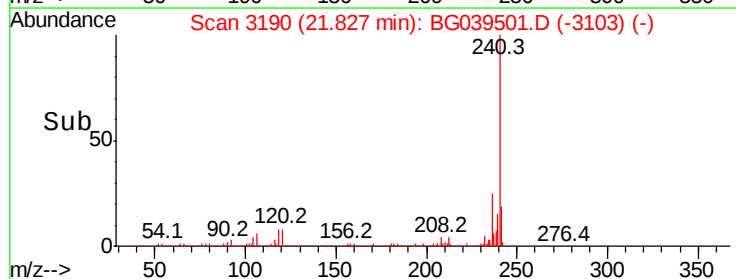
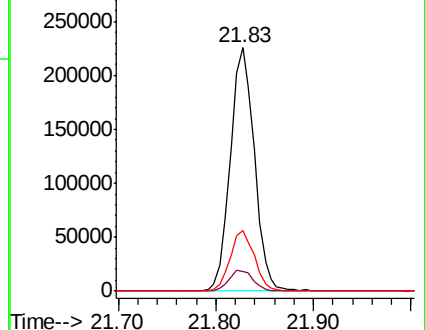
236 25.0 21.0 31.4

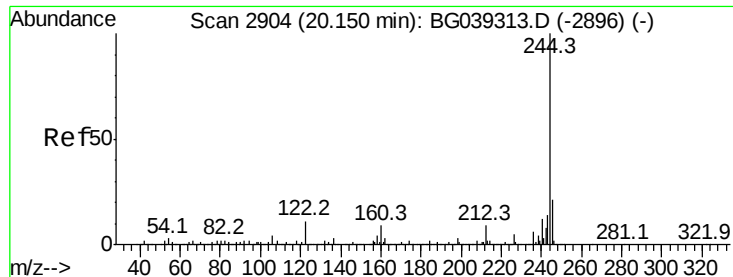


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

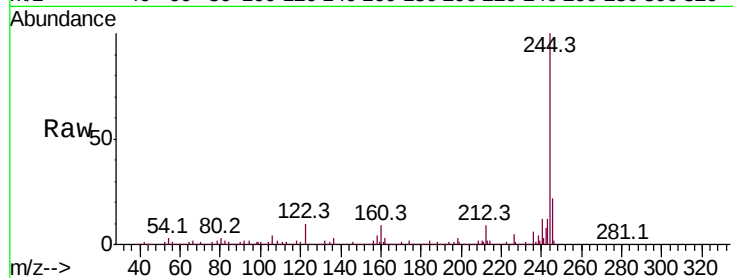




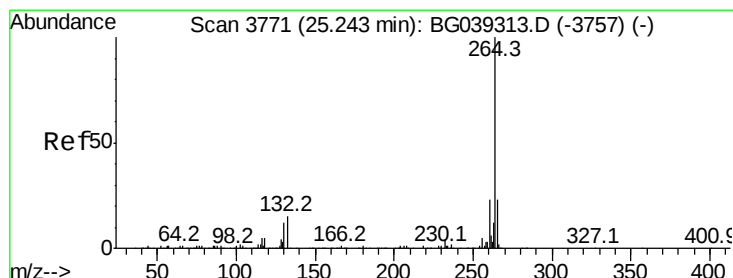
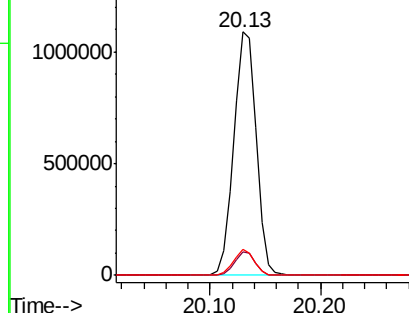
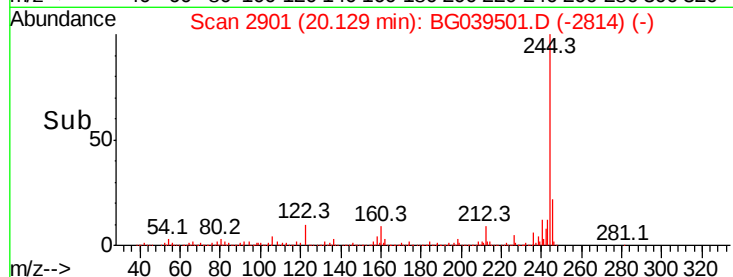
#79
 Terphenyl-d14
 Concen: 84.917 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-I

Tot Ion:244 Resp: 1556939
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.3 10.9
 122 10.4 8.4 12.6

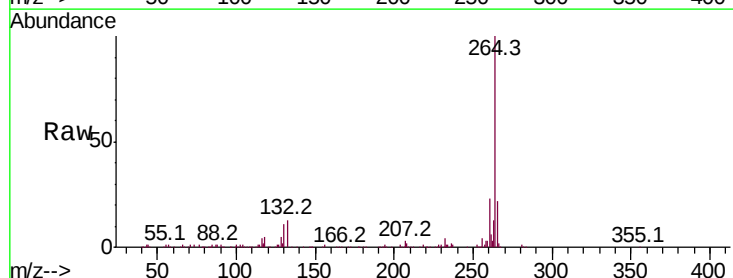


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039501.D
 Acq: 13 Feb 2019 23:16

Tgt Ion:264 Resp: 374305
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.4
 265 22.3 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

