

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
 Data File : BG039349.D
 Acq On : 1 Feb 2019 19:13
 Operator : JU/SJ
 Sample : PB116762TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116762TB

Quant Time: Feb 02 02:01:40 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	47971	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	202964	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	135321	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	329510	20.00	ng	0.00
76) Chrysene-d12	21.83	240	366527	20.00	ng	-0.01
87) Perylene-d12	25.22	264	361094	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	355936	126.99	ng	0.00
7) Phenol-d6	7.31	99	500025	121.20	ng	0.00
23) Nitrobenzene-d5	9.36	82	279484	86.02	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	175995	120.78	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	730836	77.48	ng	0.00
79) Terphenyl-d14	20.14	244	1231460	71.12	ng	0.00

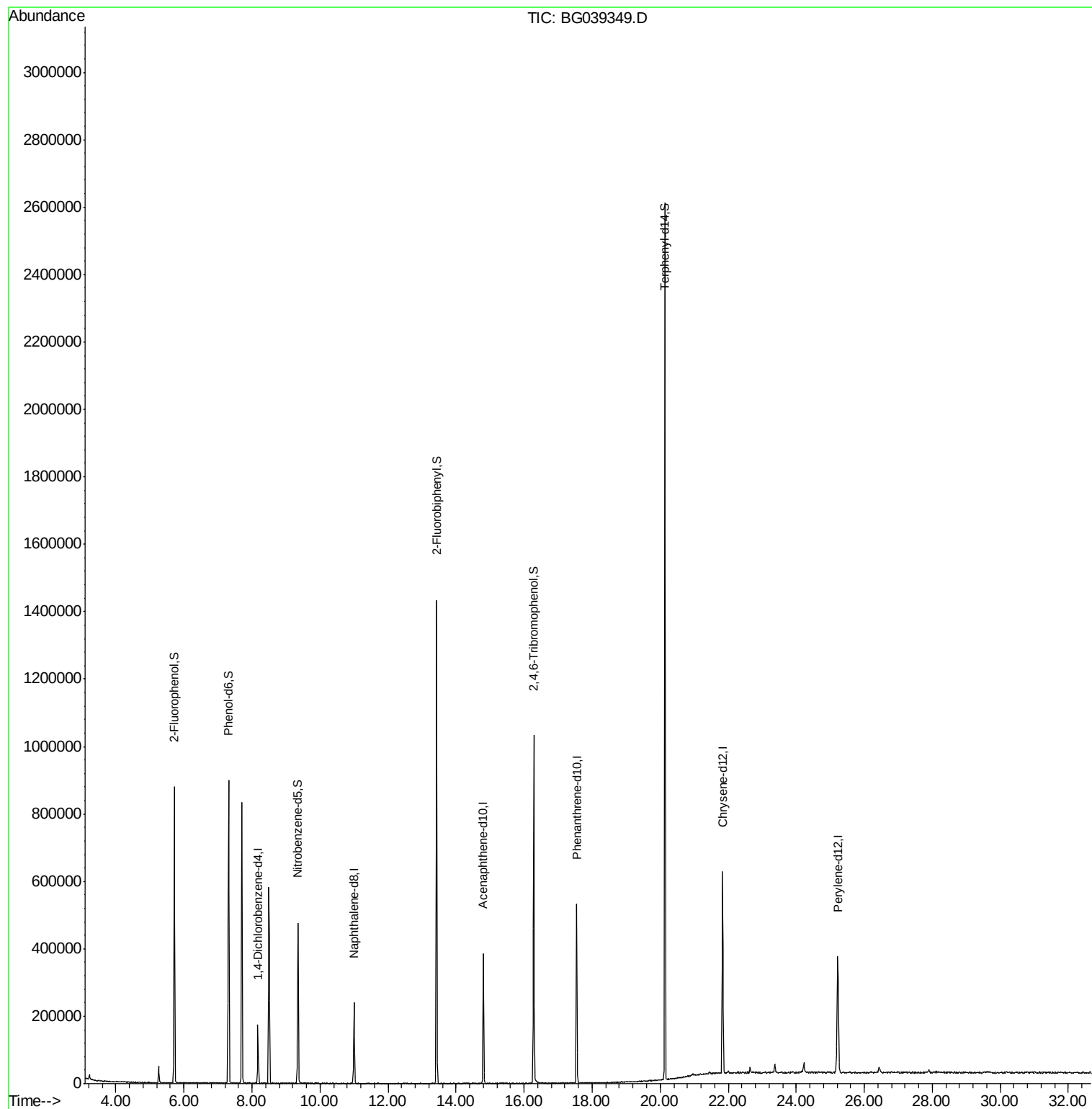
Target Compounds Qvalue

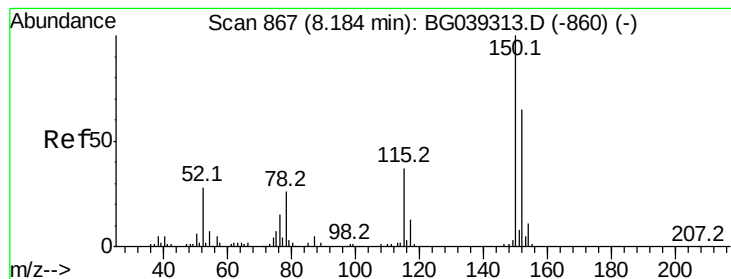
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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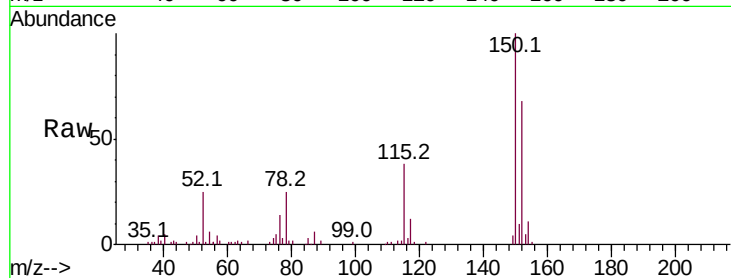


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
PB116762TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	123.7	185.5
115	56.5	45.9	68.9

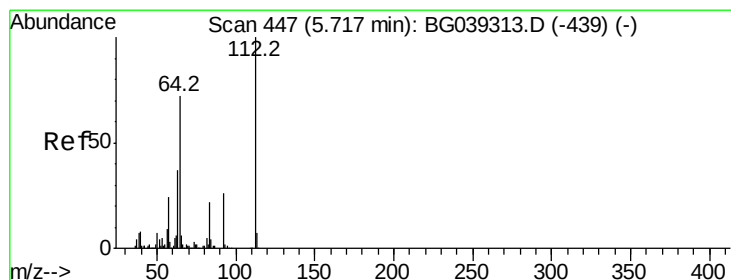
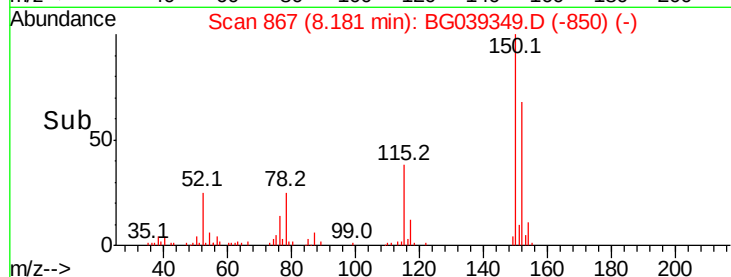
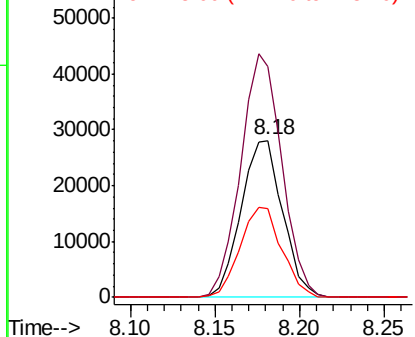


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

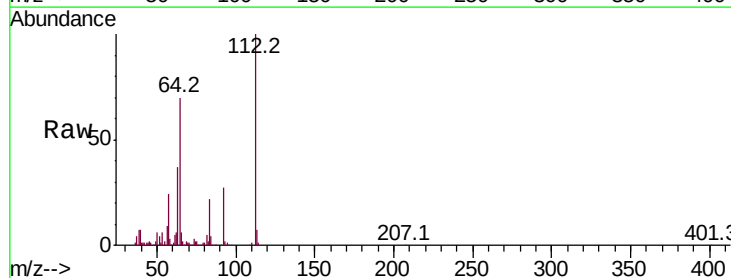
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.991 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.8	86.8
63	36.6	29.8	44.6

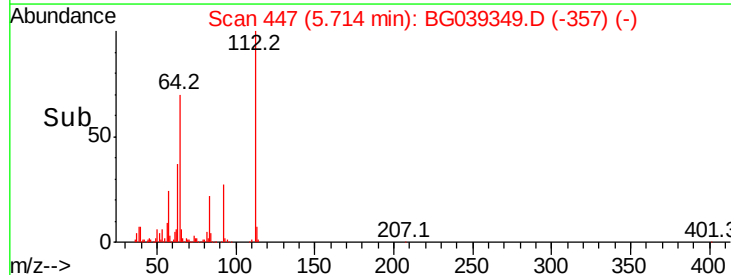
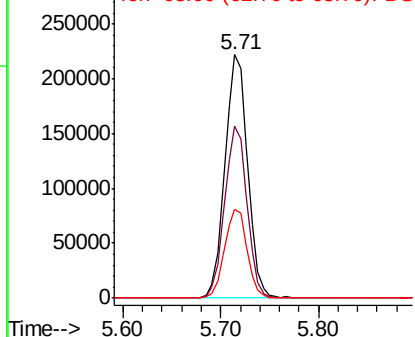


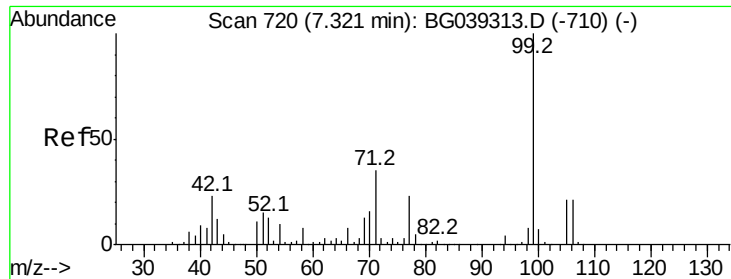
Abundance

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: 121.197 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

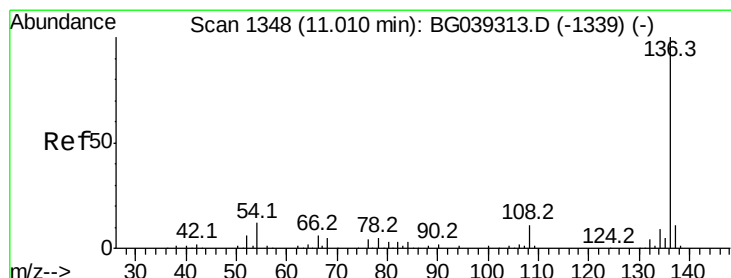
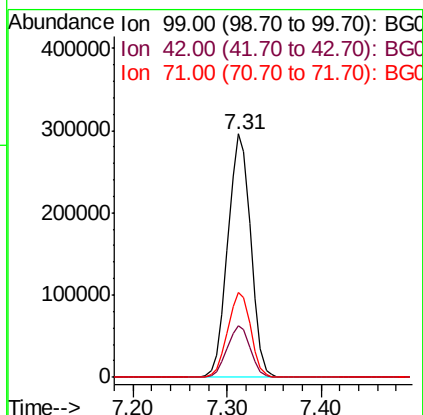
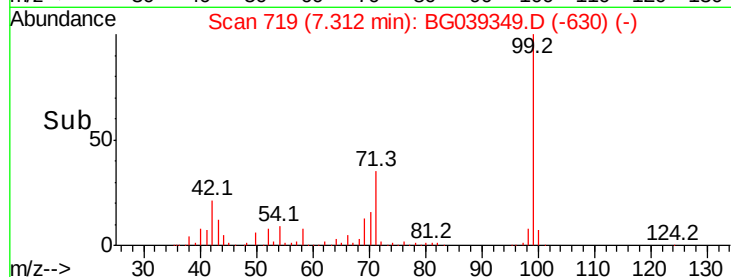
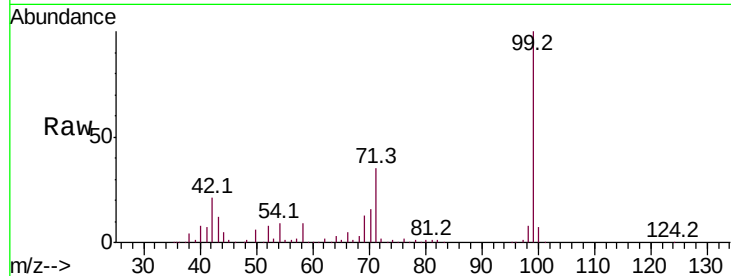
Tot Ion: 99 Resp: 500025

Ion Ratio Lower Upper

99 100

42 21.4 18.2 27.2

71 34.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Tgt Ion: 136 Resp: 202964

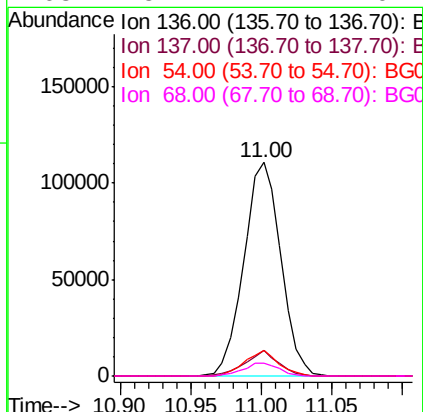
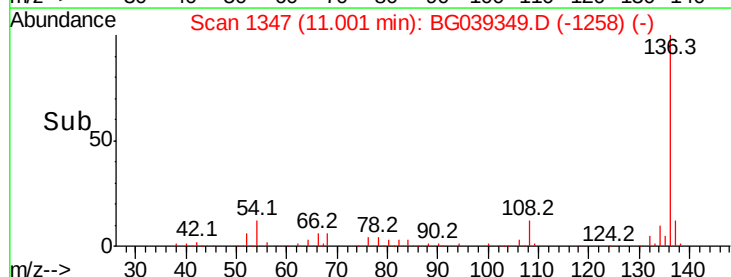
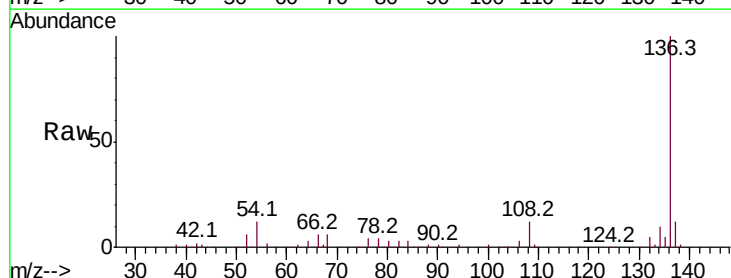
Ion Ratio Lower Upper

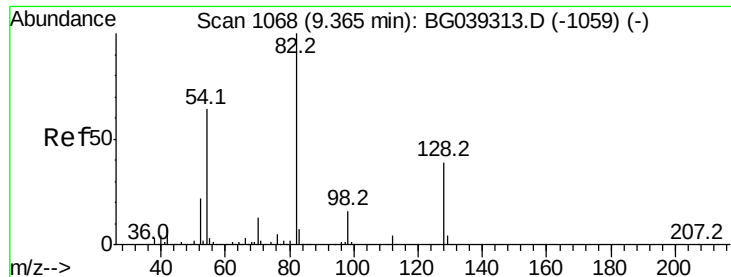
136 100

137 12.0 9.1 13.7

54 11.8 9.4 14.2

68 5.7 4.2 6.4

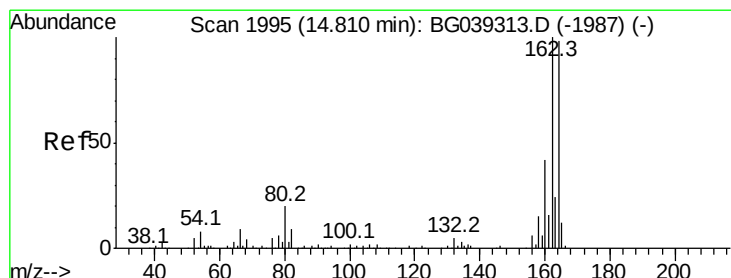
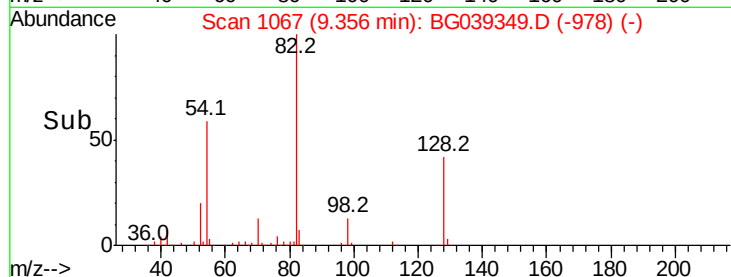
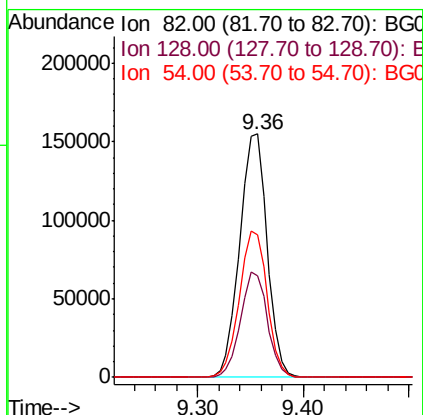
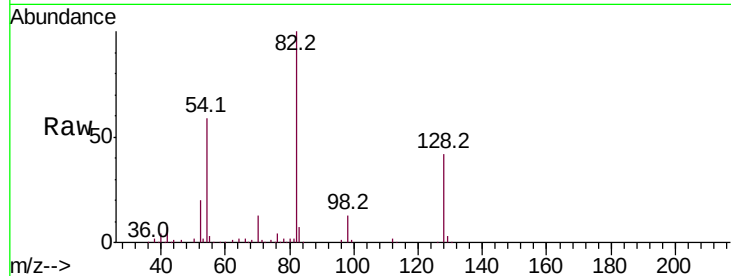




#23
Nitrobenzene-d5
Concen: 86.024 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

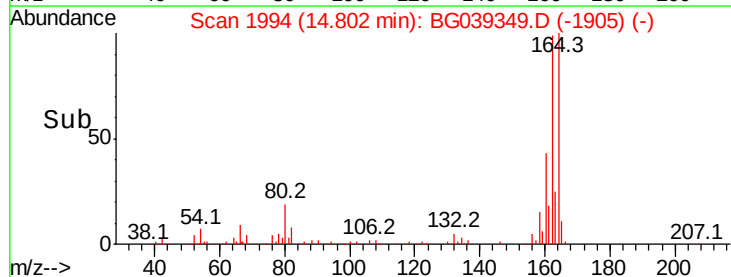
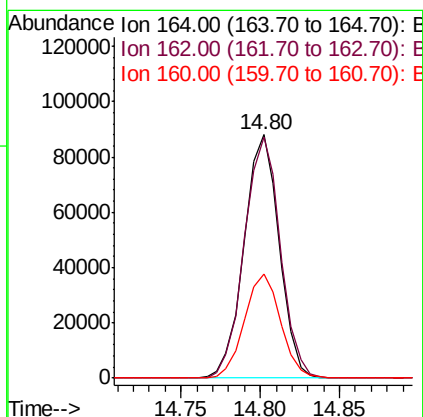
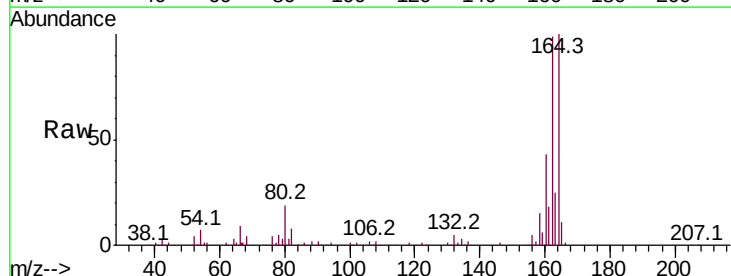
Instrument :
BNA_G
ClientSampleId :
PB116762TB

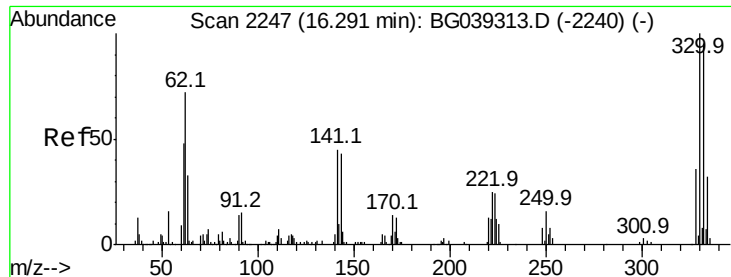
Tot Ion	82	Resp	279484
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	58.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion	164	Resp	135321
Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.6	122.4
160	42.7	34.2	51.2

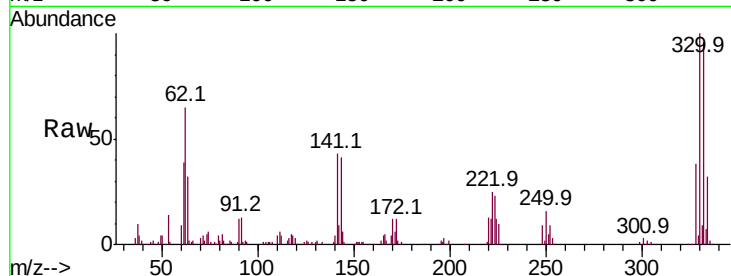




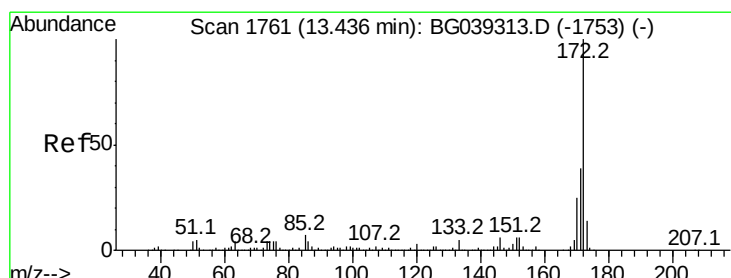
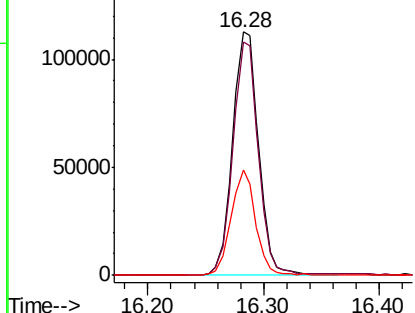
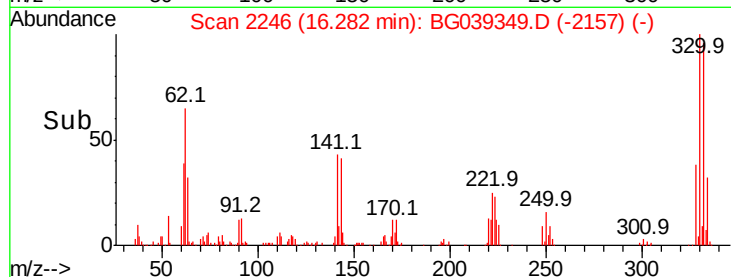
#42
 2,4,6-Tribromophenol
 Concen: 120.778 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PB116762TB

Tot Ion:330 Resp: 175995
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.7 113.5
 141 40.4 35.6 53.4

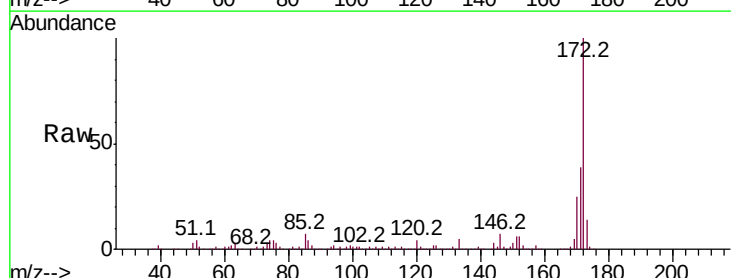


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

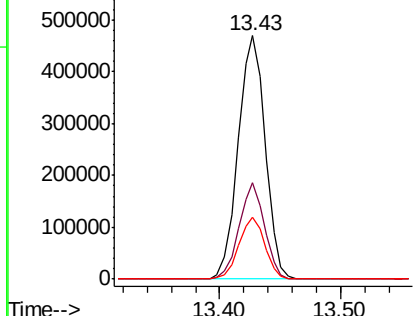
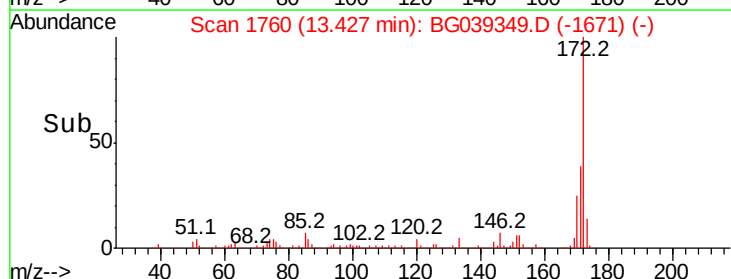


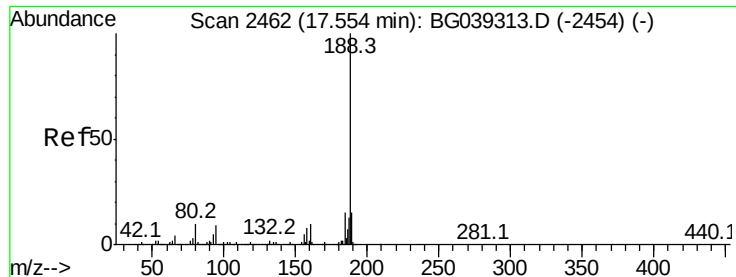
#45
 2-Fluorobiphenyl
 Concen: 77.477 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

Tgt Ion:172 Resp: 730836
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.8 46.2
 170 25.4 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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

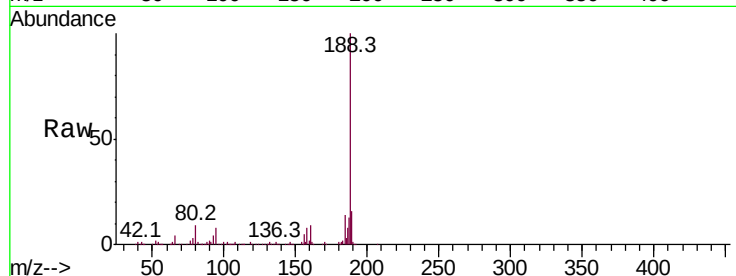
Tot Ion:188 Resp: 329510

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

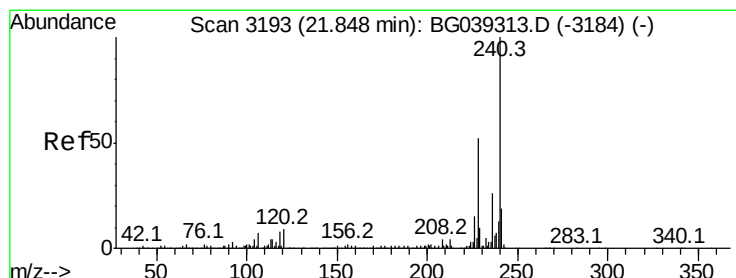
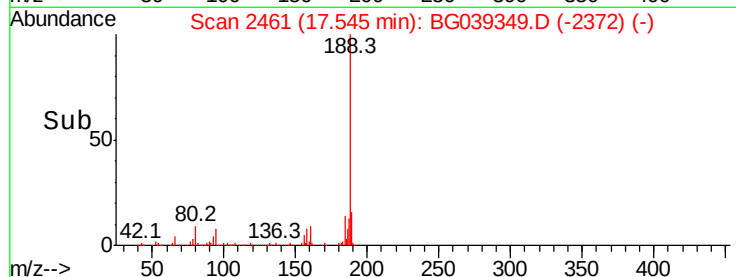
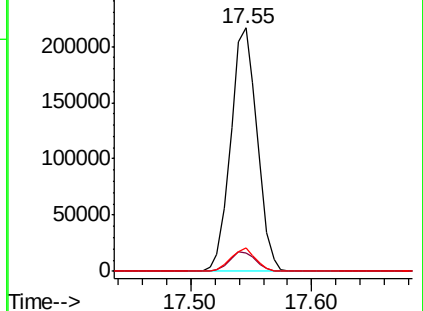
80 9.4 8.1 12.1



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. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

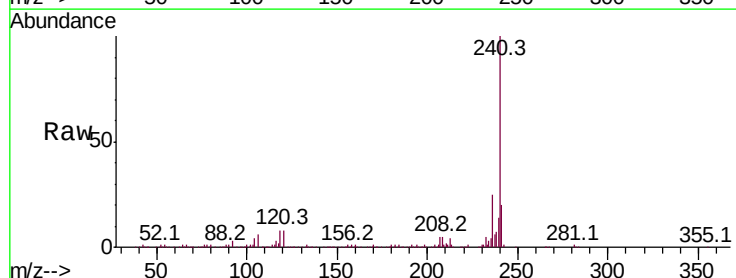
Tgt Ion:240 Resp: 366527

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

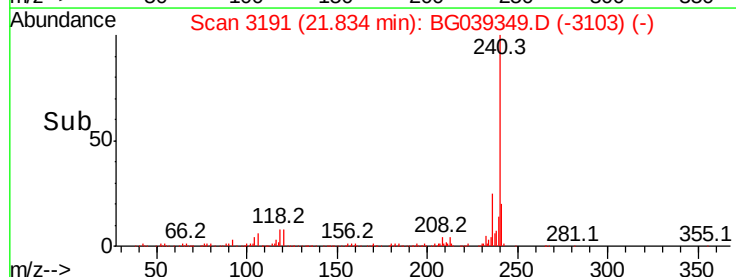
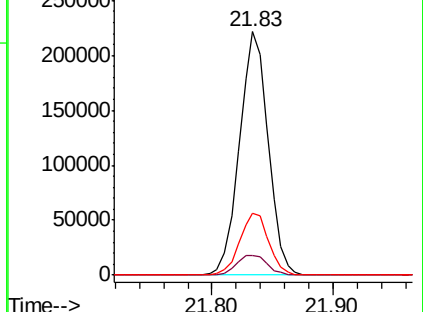
236 25.2 21.0 31.4

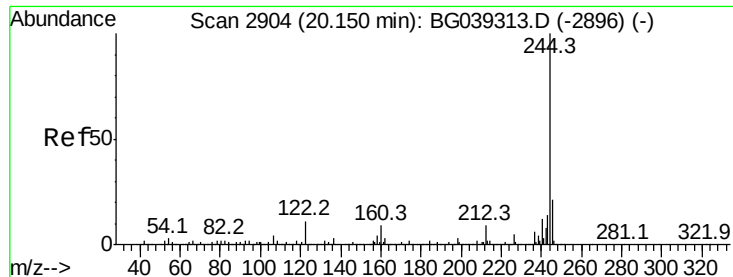


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.117 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

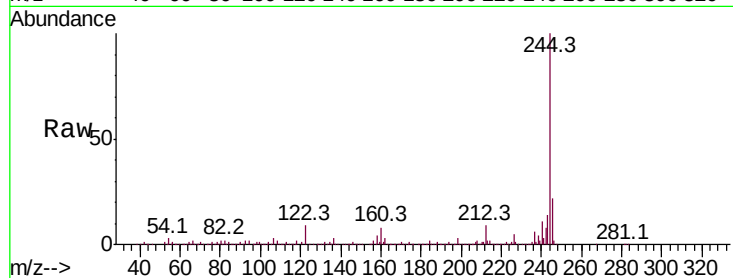
Tot Ion:244 Resp: 1231460

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

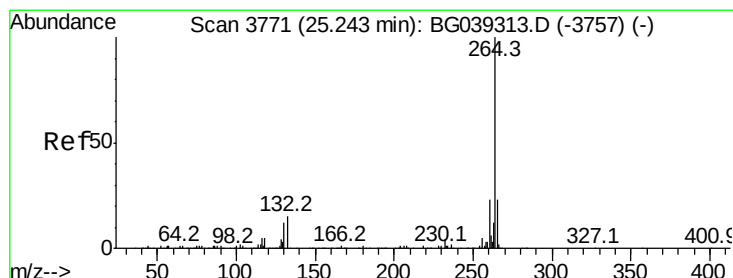
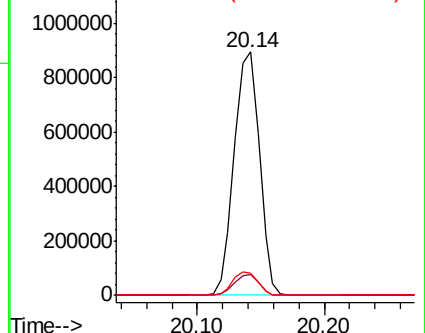
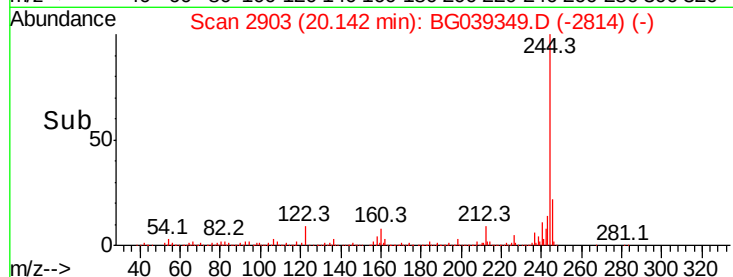
122 9.3 8.4 12.6



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: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

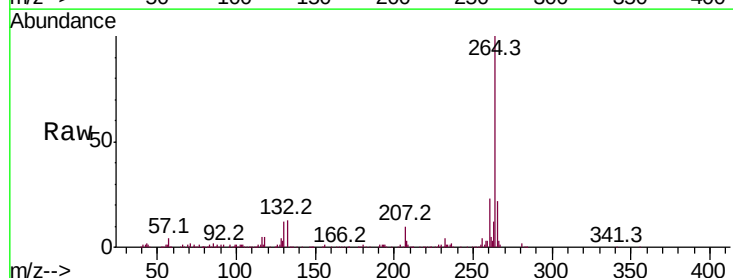
Tgt Ion:264 Resp: 361094

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 22.2 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

