

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039712.D
 Acq On : 2 Mar 2019 7:27
 Operator : JU/SJ
 Sample : K1675-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-2-B

Quant Time: Mar 03 23:56:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	50146	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	216850	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	145514	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	351799	20.00	ng	0.00
76) Chrysene-d12	21.82	240	359881	20.00	ng	0.00
87) Perylene-d12	25.20	264	344816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	404696	138.12	ng	0.00
7) Phenol-d6	7.31	99	548251	127.12	ng	0.00
23) Nitrobenzene-d5	9.34	82	385100	110.94	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	216690	138.29	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	916681	90.37	ng	0.00
79) Terphenyl-d14	20.12	244	1471078	86.52	ng	0.00

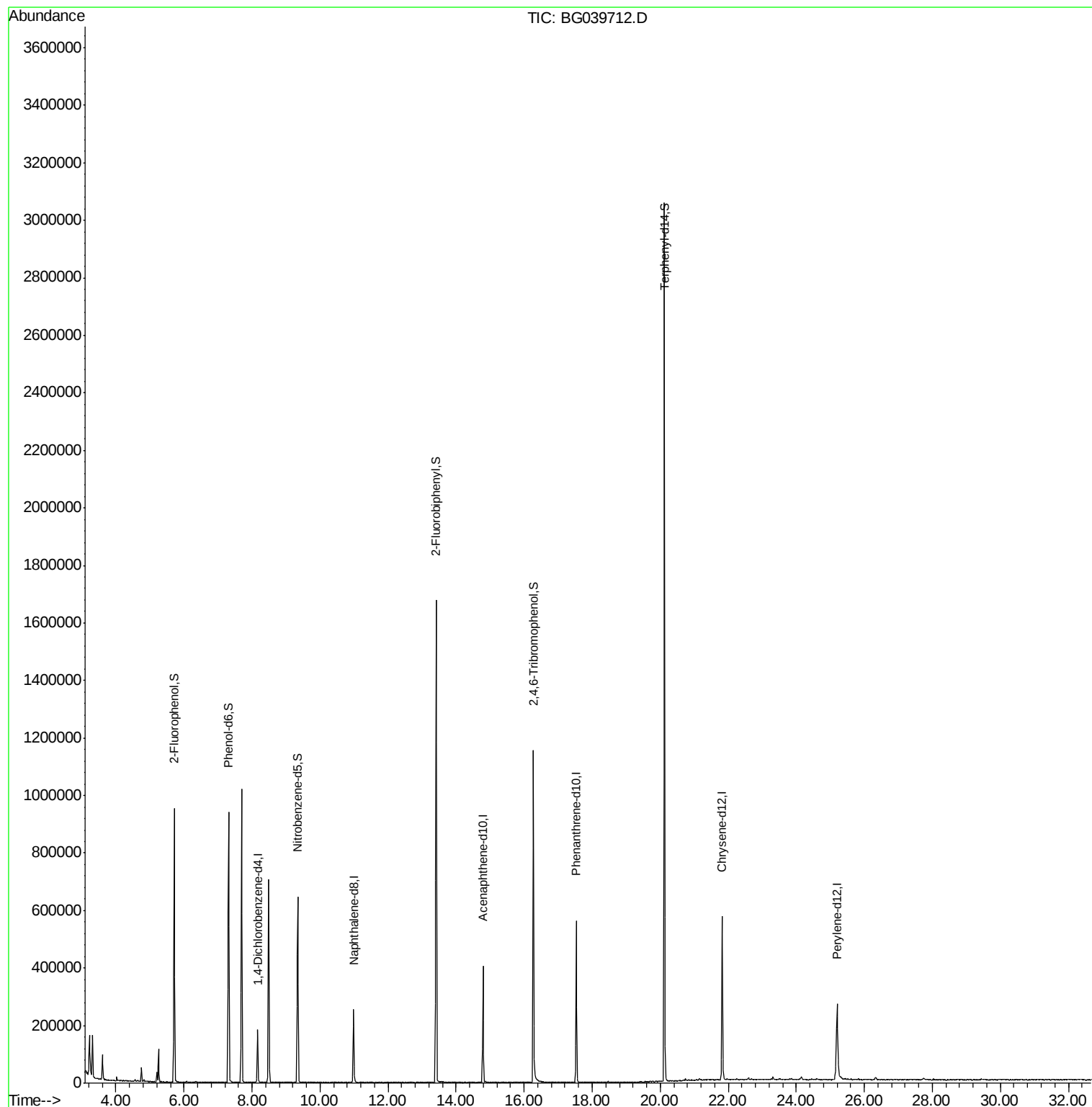
Target Compounds Qvalue

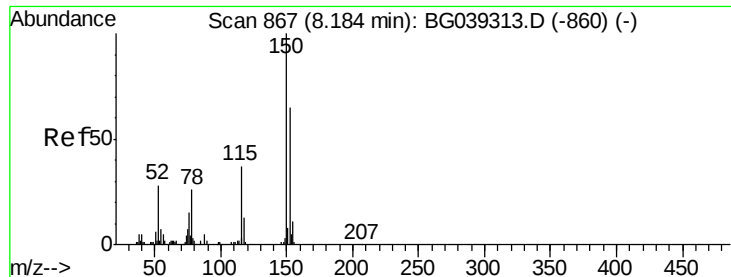
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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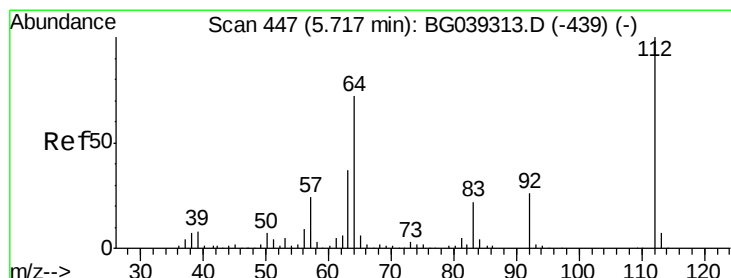
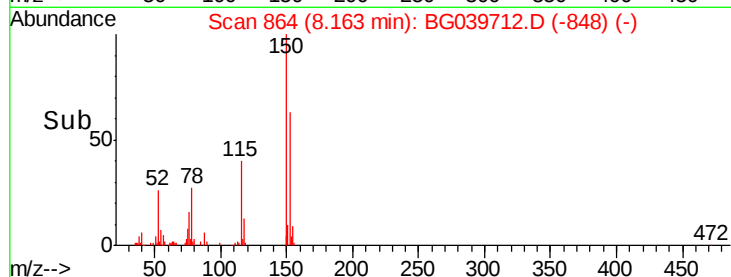
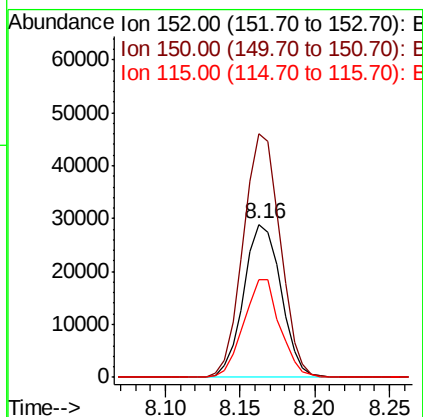
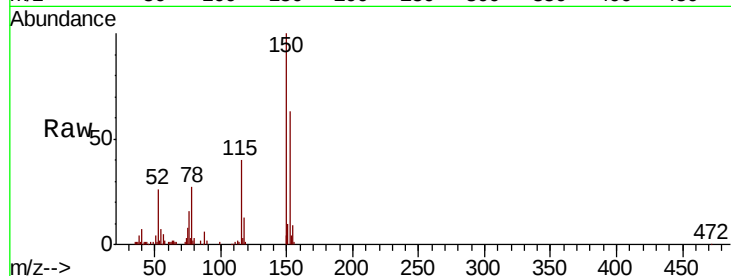


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-2-B

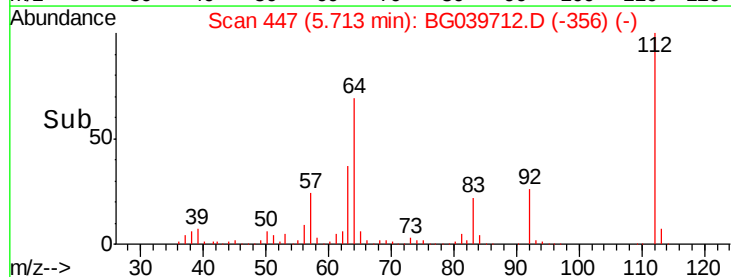
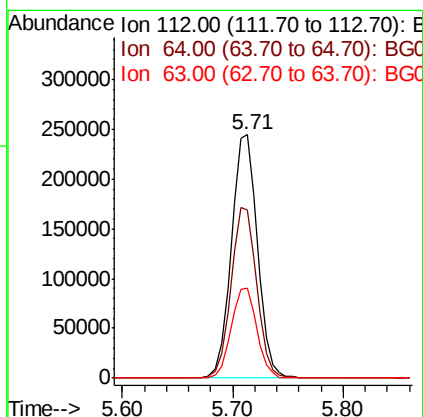
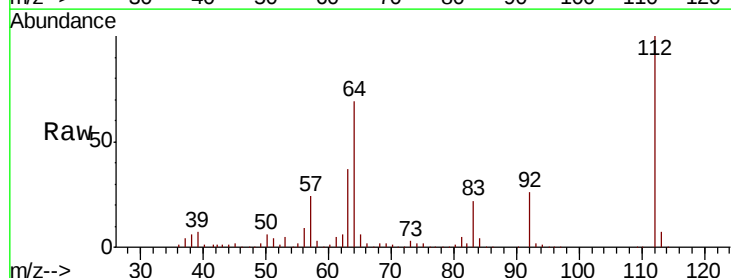
Tot Ion:152 Resp: 50146
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.7 185.5
 115 64.0 45.9 68.9



#5

2-Fluorophenol
 Concen: 138.125 ng
 RT: 5.71 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

Tgt Ion:112 Resp: 404696
 Ion Ratio Lower Upper
 112 100
 64 68.9 57.8 86.8
 63 37.0 29.8 44.6





#7

Phenol-d6

Concen: 127.123 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

Instrument :

BNA_G

ClientSampleId :

Z-3-2-B

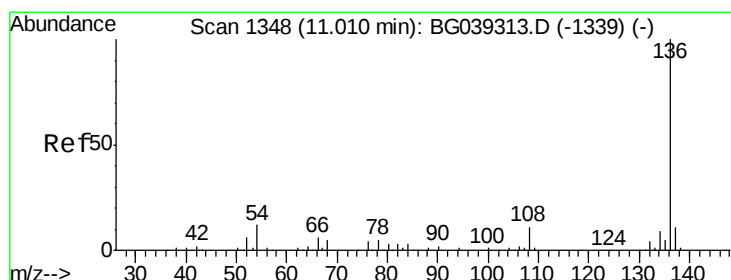
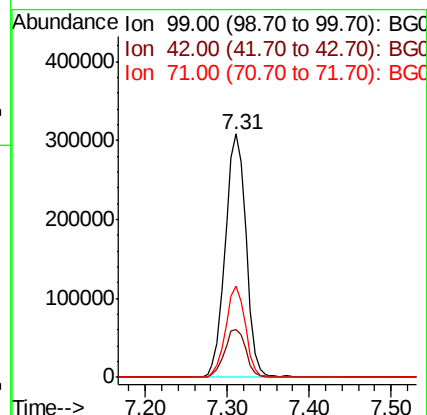
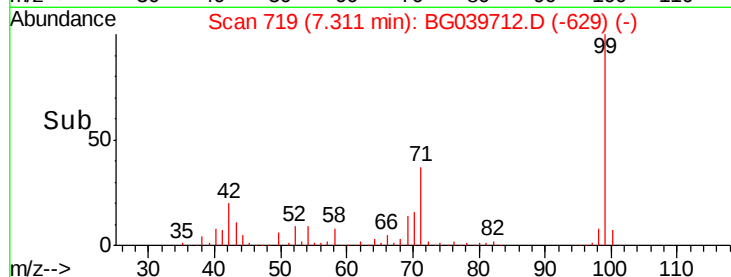
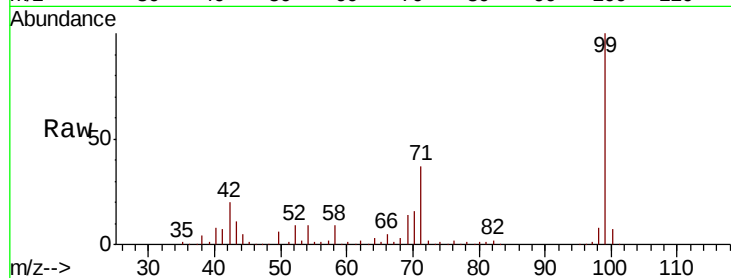
Tot Ion: 99 Resp: 548251

Ion Ratio Lower Upper

99 100

42 19.6 18.2 27.2

71 37.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

Tgt Ion: 136 Resp: 216850

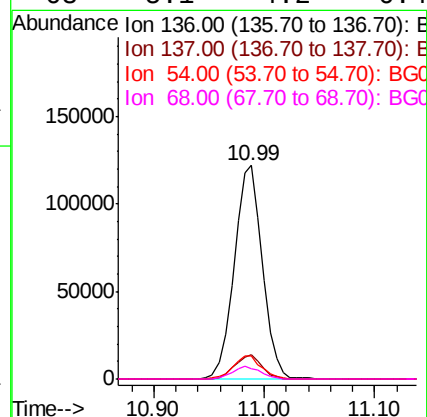
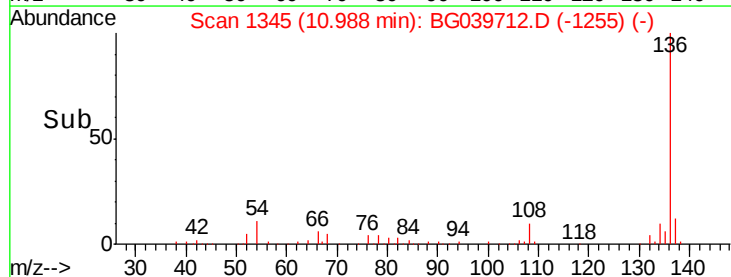
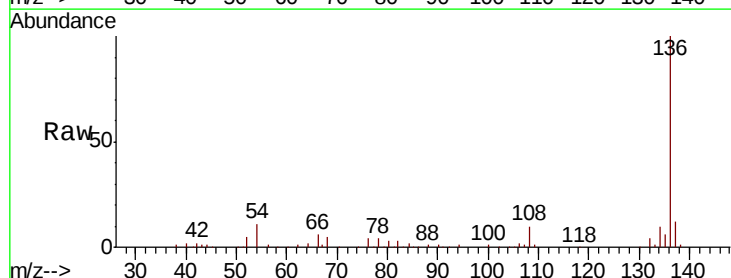
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.8 9.4 14.2

68 5.1 4.2 6.4

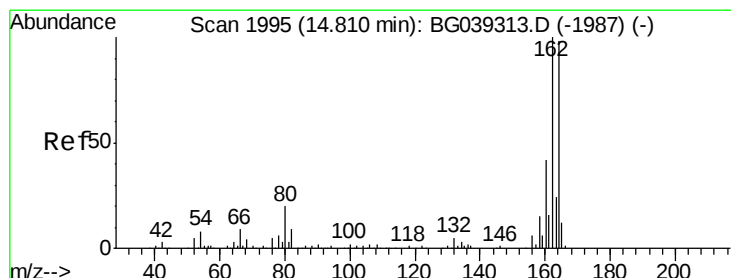
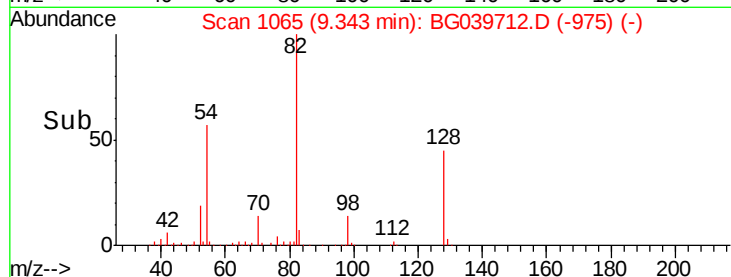
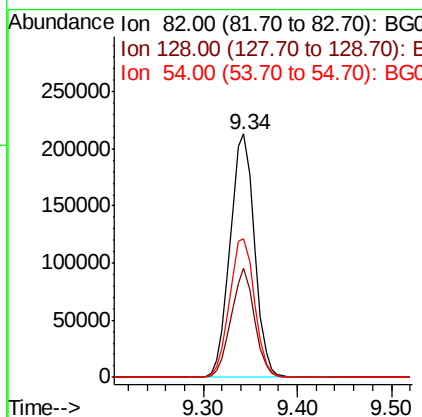
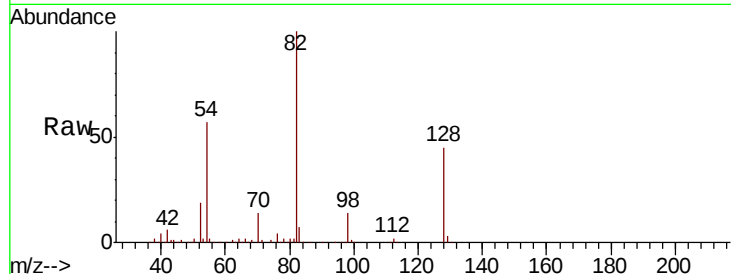




#23
 Nitrobenzene-d5
 Concen: 110.942 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

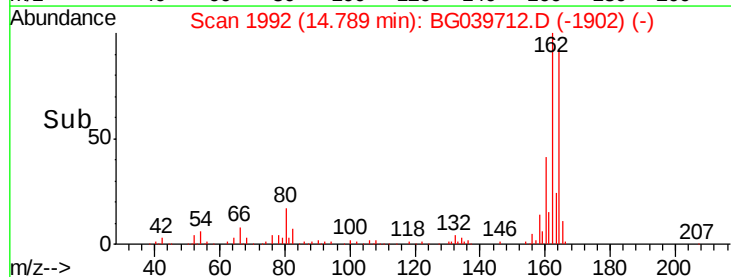
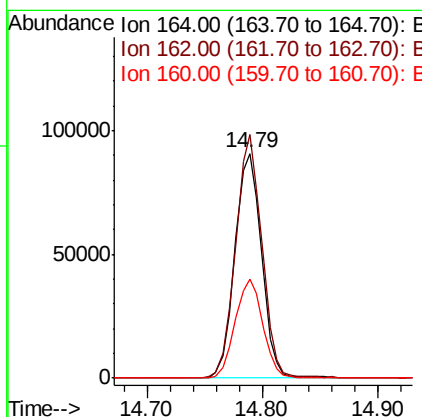
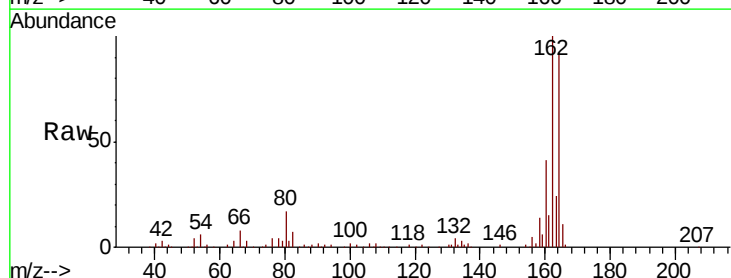
Instrument :
 BNA_G
 ClientSampled :
 Z-3-2-B

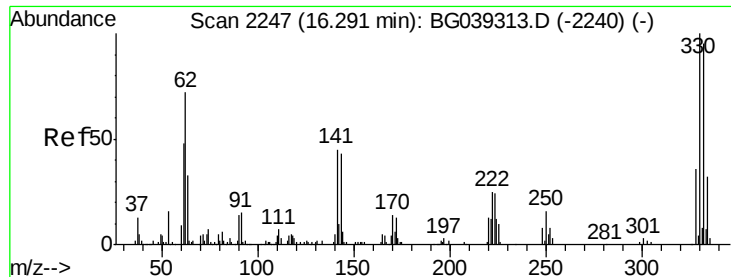
Tot Ion	82	Resp	385100
Ion Ratio	Lower	Upper	
82	100		
128	44.8	31.3	46.9
54	57.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

Tgt Ion	164	Resp	145514
Ion Ratio	Lower	Upper	
164	100		
162	108.2	81.6	122.4
160	44.3	34.2	51.2

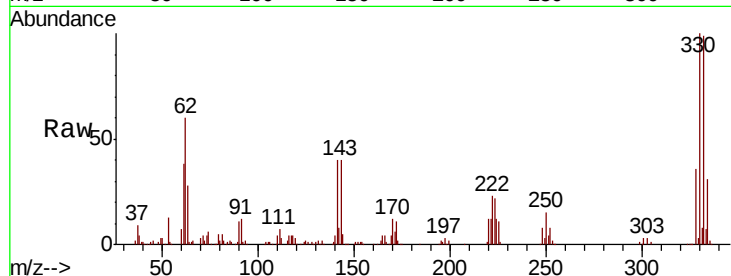




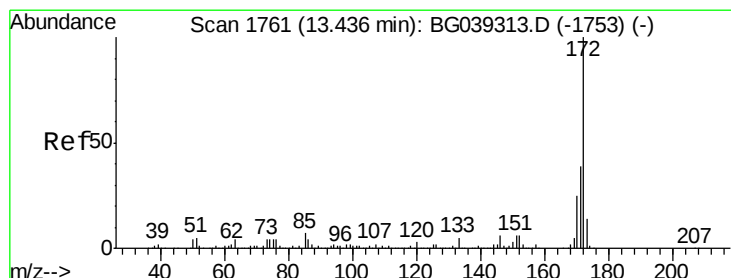
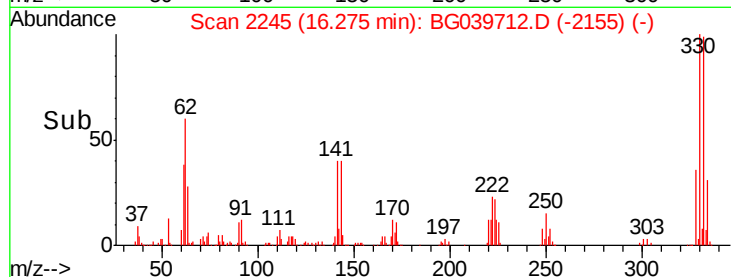
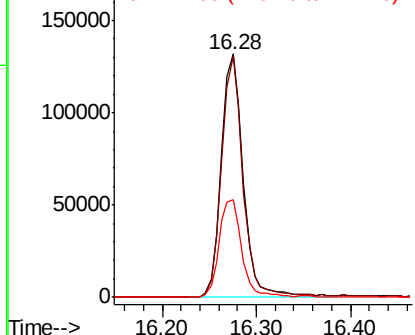
#42
 2,4,6-Tribromophenol
 Concen: 138.289 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-2-B

Tot Ion:330 Resp: 216690
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 41.1 35.6 53.4

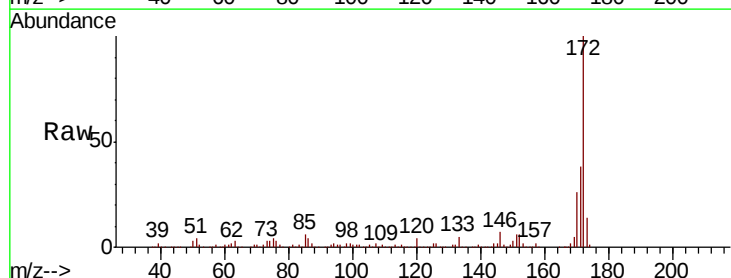


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

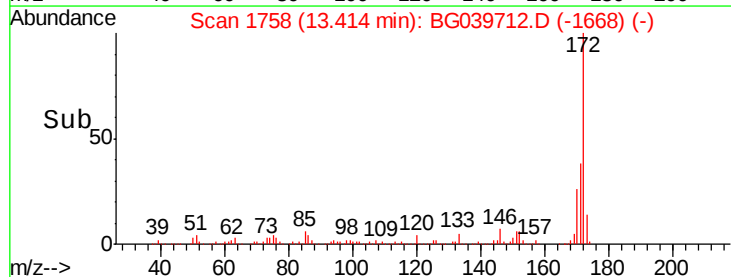
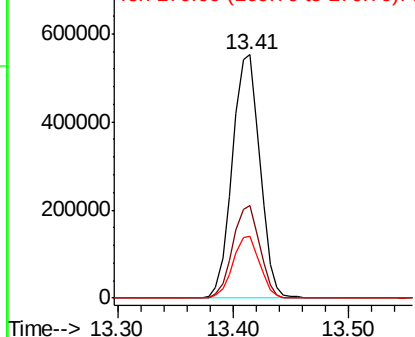


#45
 2-Fluorobiphenyl
 Concen: 90.371 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG039712.D
 Acq: 2 Mar 2019 7:27

Tgt Ion:172 Resp: 916681
 Ion Ratio Lower Upper
 172 100
 171 38.2 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

Instrument :

BNA_G

ClientSampleId :

Z-3-2-B

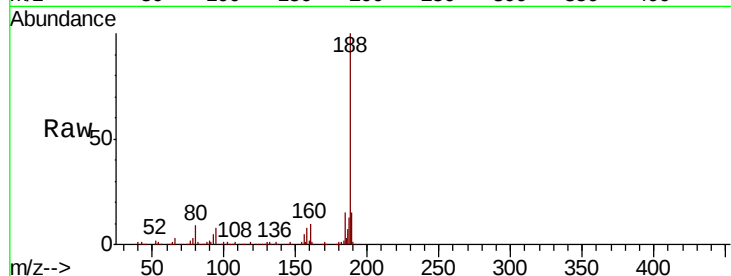
Tot Ion:188 Resp: 351799

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

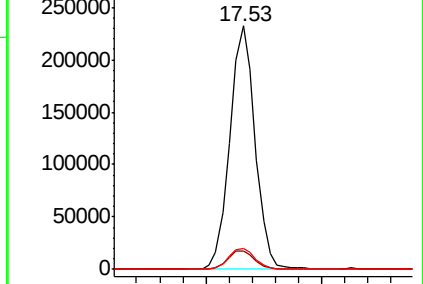
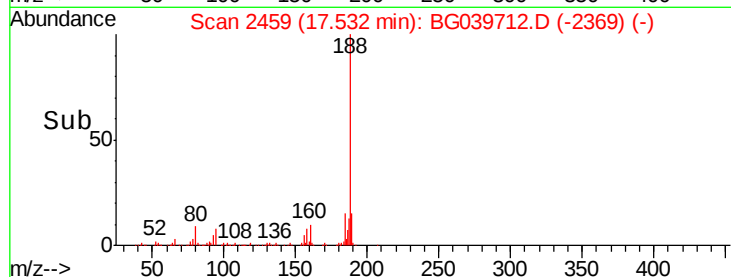
80 8.5 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

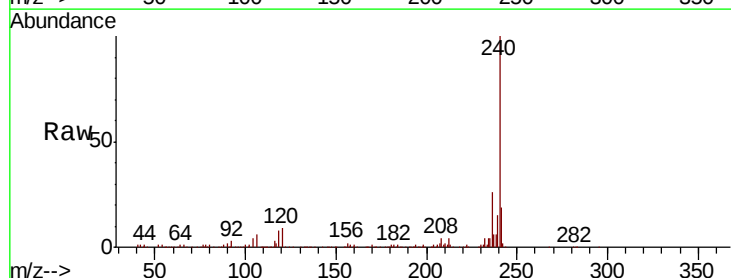
Tgt Ion:240 Resp: 359881

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

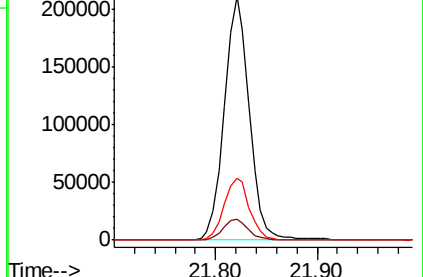
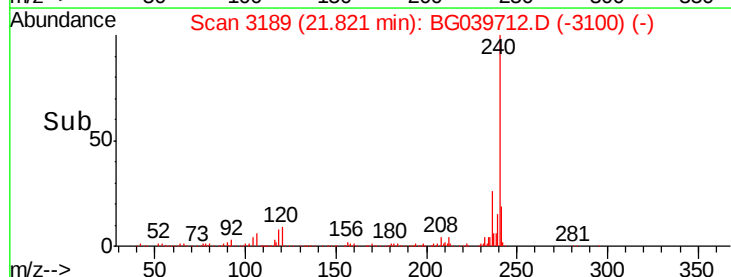
236 25.6 21.0 31.4



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: 86.523 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

Instrument :

BNA_G

ClientSampleId :

Z-3-2-B

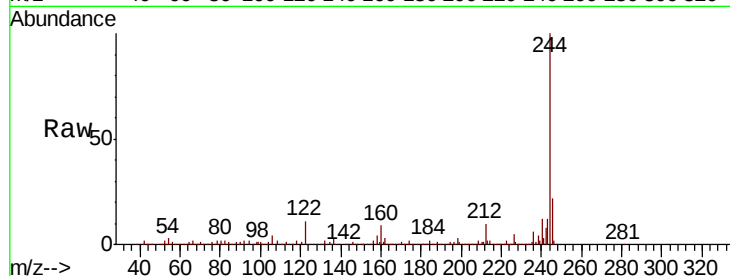
Tot Ion:244 Resp: 1471078

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

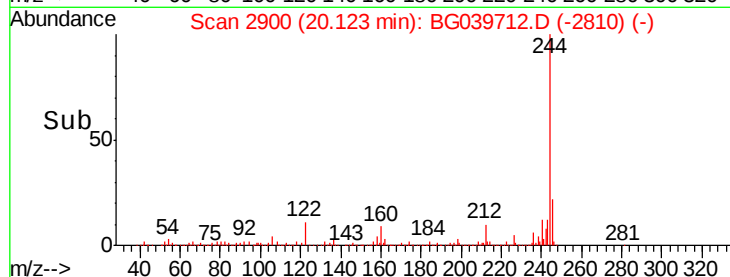
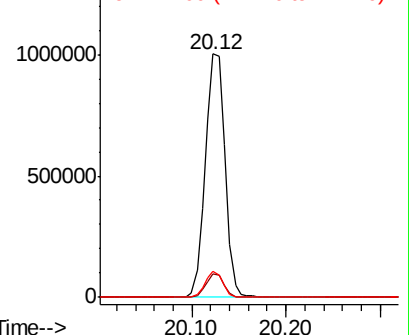
122 10.7 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.00 min

Lab File: BG039712.D

Acq: 2 Mar 2019 7:27

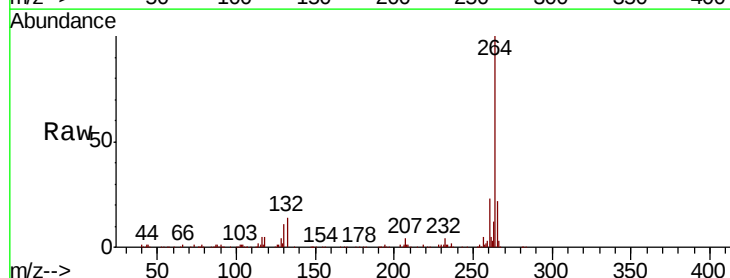
Tgt Ion:264 Resp: 344816

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.9 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

