

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039550.D
 Acq On : 18 Feb 2019 22:00
 Operator : JU/SJ
 Sample : K1508-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-13-S

Quant Time: Feb 19 01:05:26 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	49538	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	216783	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	150074	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	380016	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	391174	20.00	ng	-0.03
87) Perylene-d12	25.20	264	334437	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	408029	140.97	ng	0.00
7) Phenol-d6	7.31	99	540343	126.83	ng	0.00
23) Nitrobenzene-d5	9.35	82	385108	110.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	231316	143.14	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	935392	89.41	ng	-0.02
79) Terphenyl-d14	20.13	244	1596584	86.39	ng	-0.02

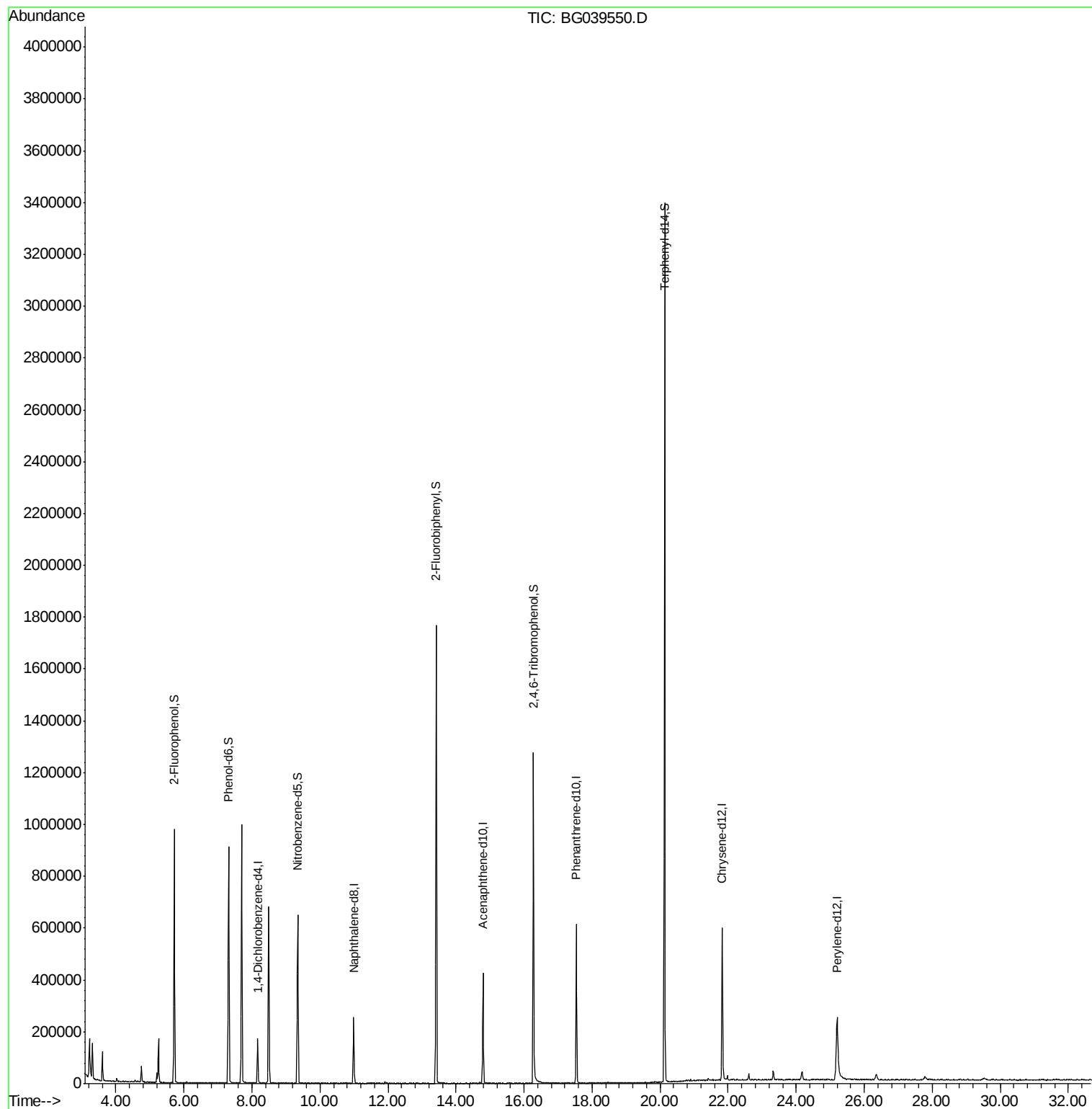
Target Compounds Qvalue

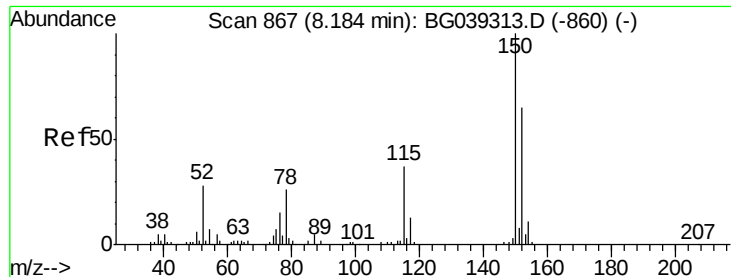
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG039550.D

Acq: 18 Feb 2019 22:00

Instrument :

BNA_G

ClientSampleId :

M-13-S

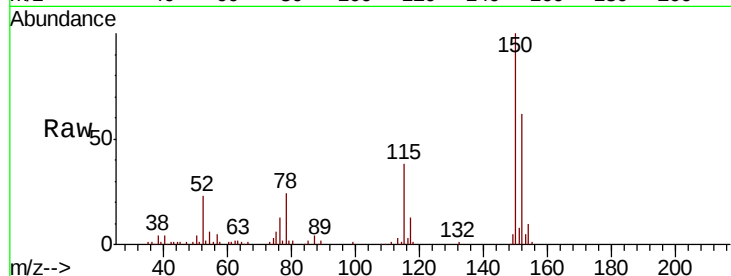
Tot Ion:152 Resp: 49538

Ion Ratio Lower Upper

152 100

150 161.2 123.7 185.5

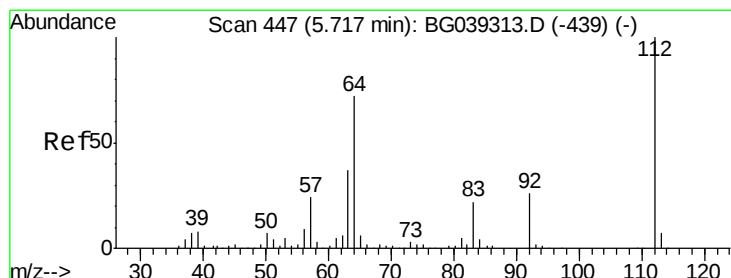
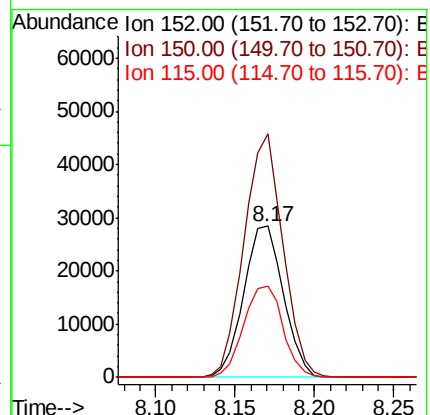
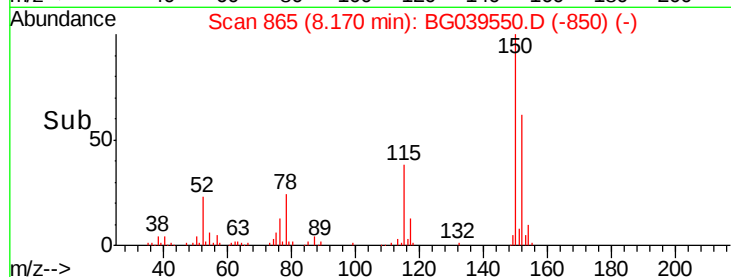
115 60.5 45.9 68.9



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: 140.972 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

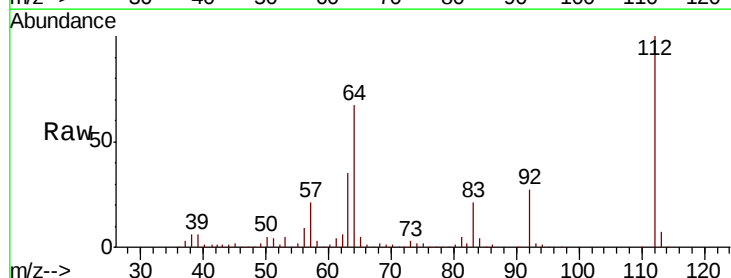
Tgt Ion:112 Resp: 408029

Ion Ratio Lower Upper

112 100

64 67.5 57.8 86.8

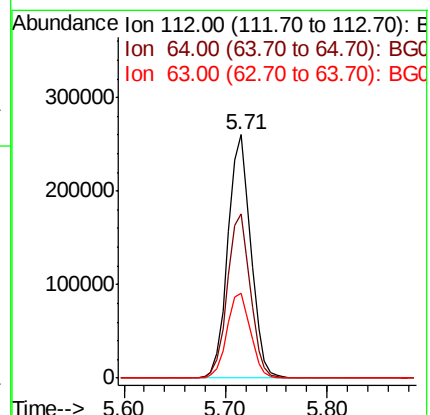
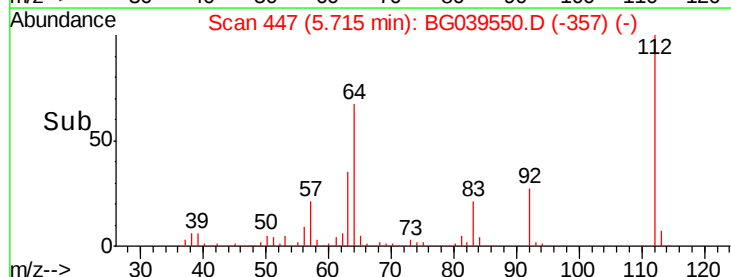
63 35.1 29.8 44.6

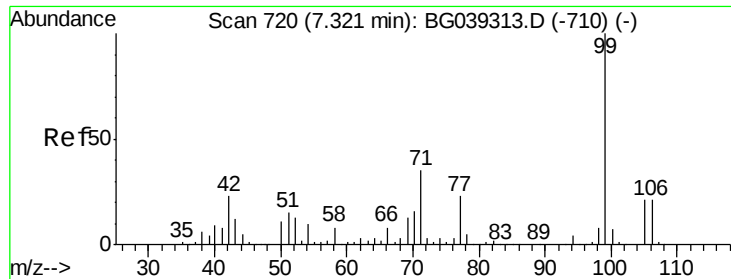


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.827 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

Instrument :

BNA_G

ClientSampleId :

M-13-S

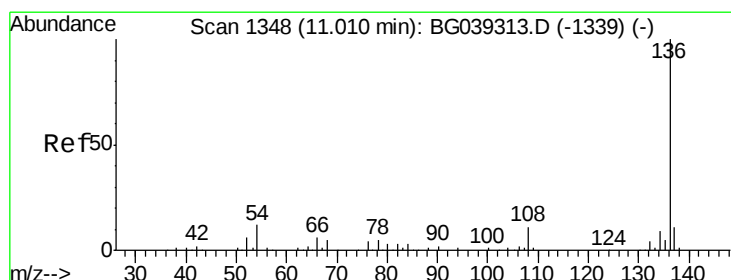
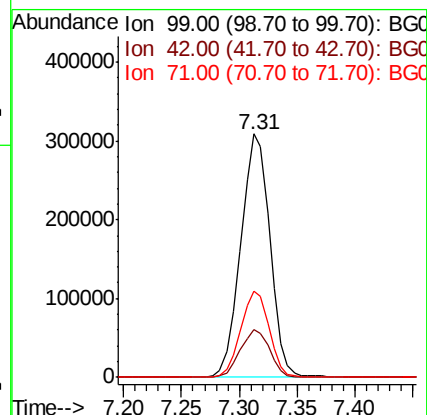
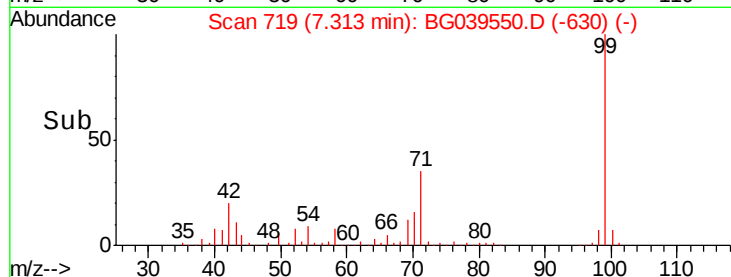
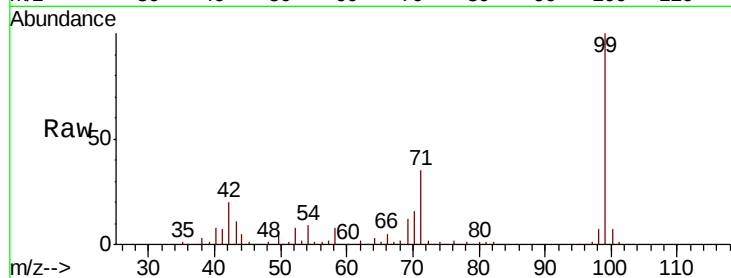
Tot Ion: 99 Resp: 540343

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 35.3 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

Tgt Ion: 136 Resp: 216783

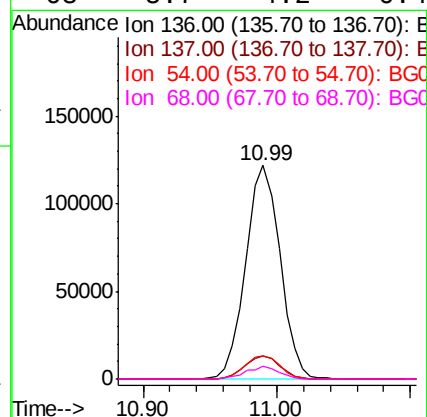
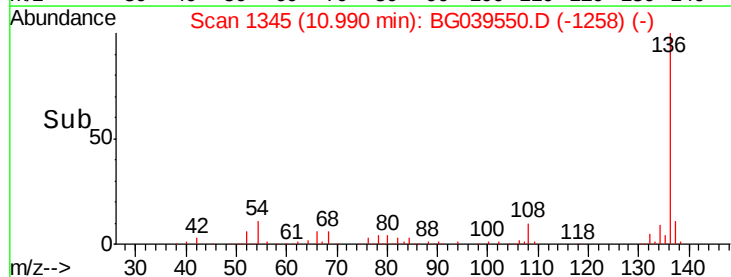
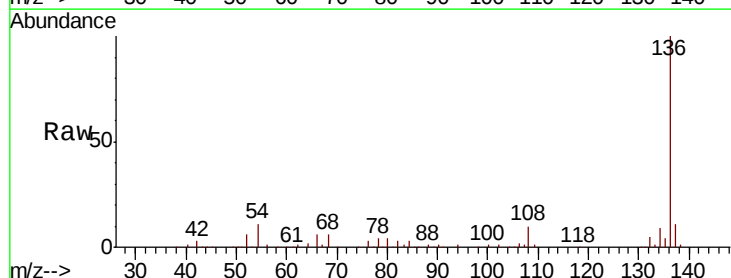
Ion Ratio Lower Upper

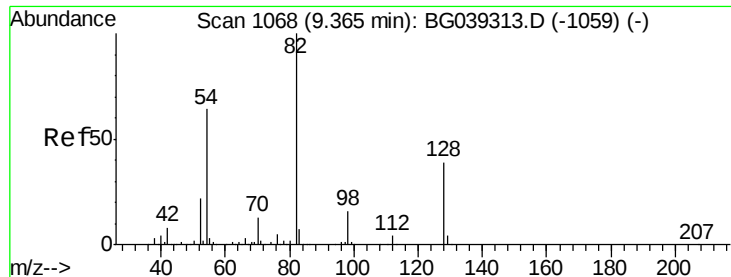
136 100

137 11.0 9.1 13.7

54 10.8 9.4 14.2

68 5.7 4.2 6.4

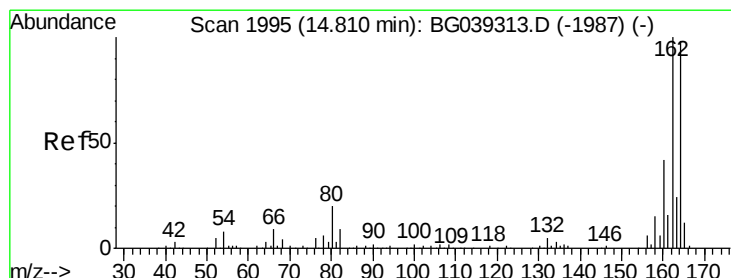
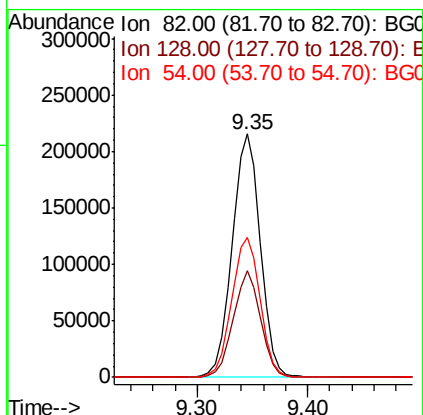
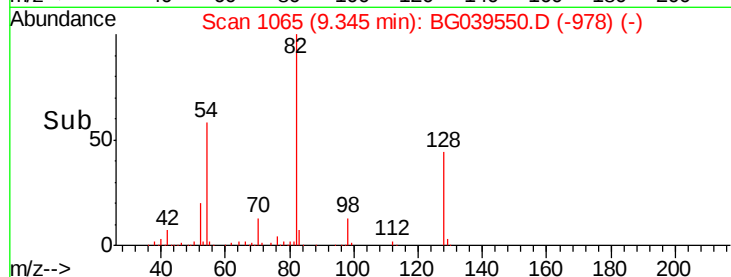
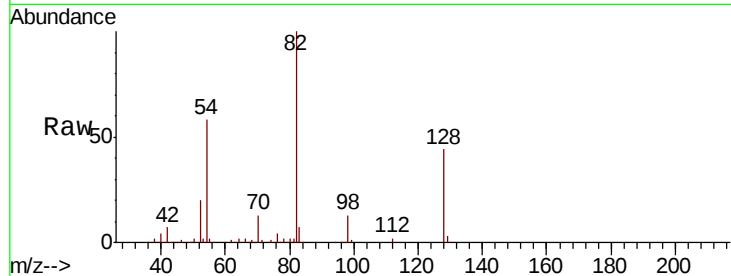




#23
Nitrobenzene-d5
Concen: 110.979 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039550.D
Acq: 18 Feb 2019 22:00

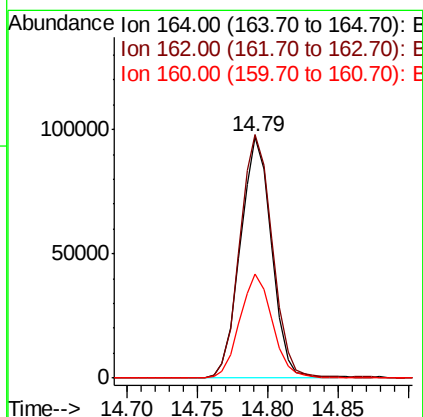
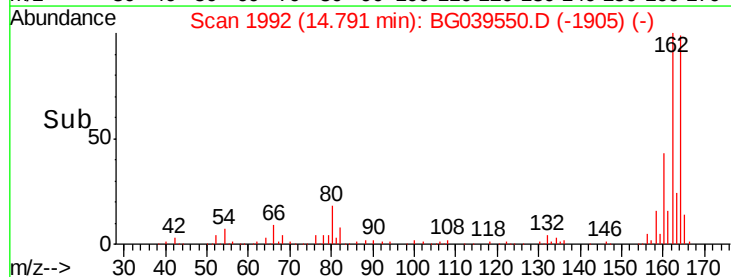
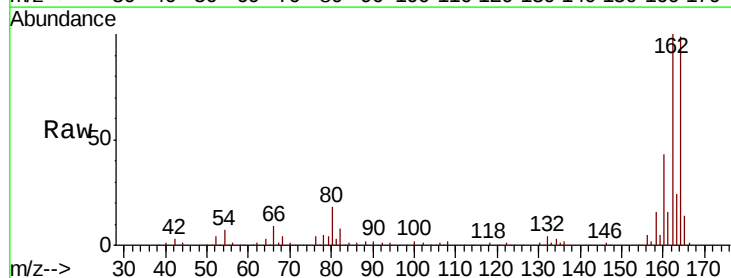
Instrument :
BNA_G
ClientSampleId :
M-13-S

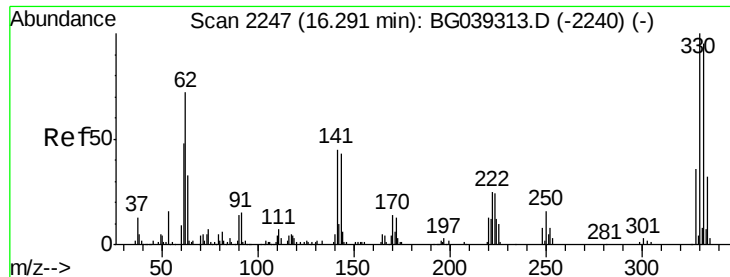
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	57.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039550.D
Acq: 18 Feb 2019 22:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.6	122.4
160	43.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 143.138 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

Instrument :

BNA_G

ClientSampleId :

M-13-S

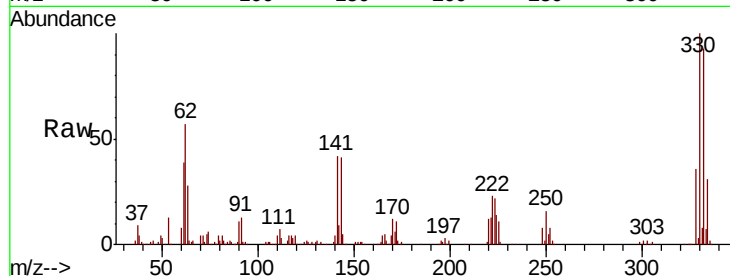
Tot Ion:330 Resp: 231316

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

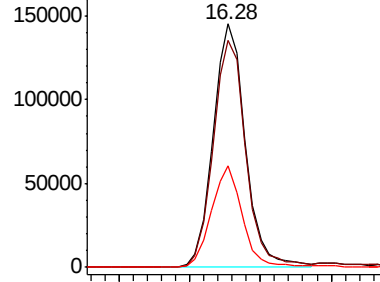
141 40.6 35.6 53.4



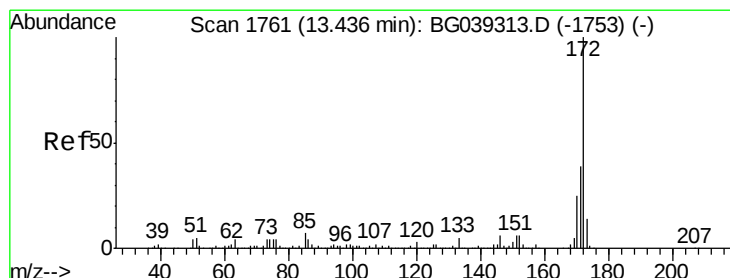
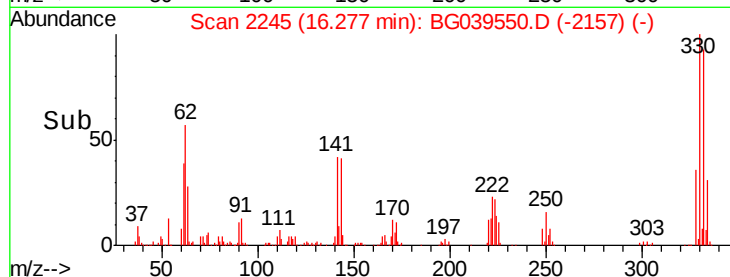
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#45

2-Fluorobiphenyl

Concen: 89.414 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

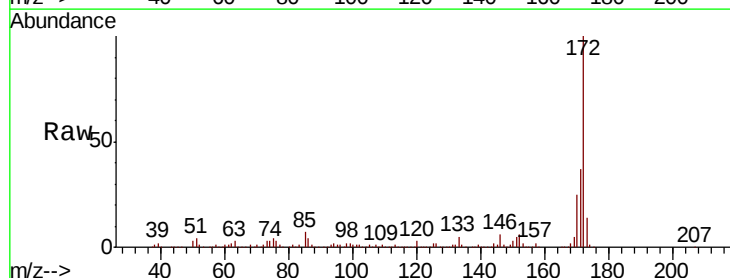
Tgt Ion:172 Resp: 935392

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

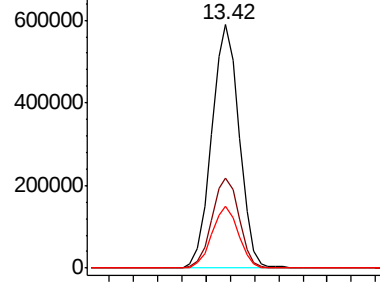
170 25.2 20.2 30.4



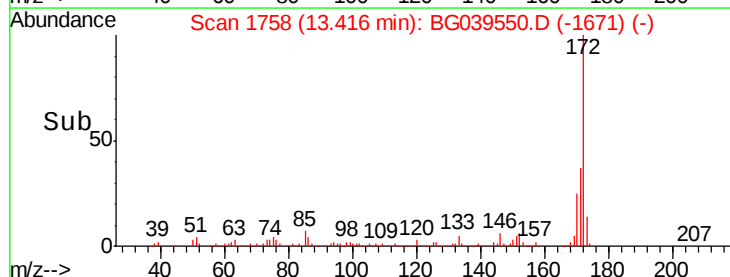
Abundance Ion 172.00 (171.70 to 172.70): E

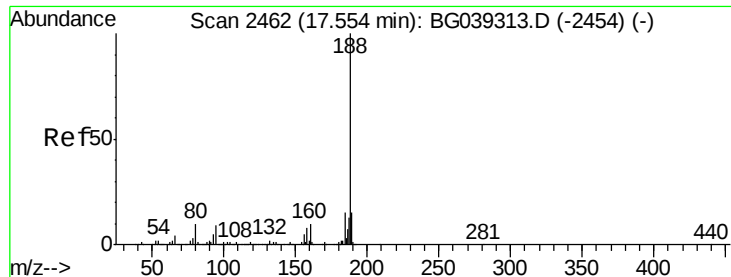
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

Instrument :

BNA_G

ClientSampleId :

M-13-S

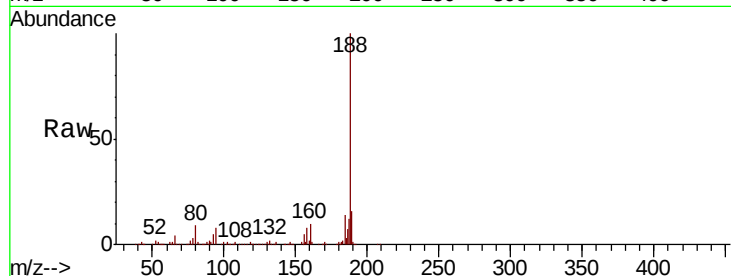
Tot Ion:188 Resp: 380016

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

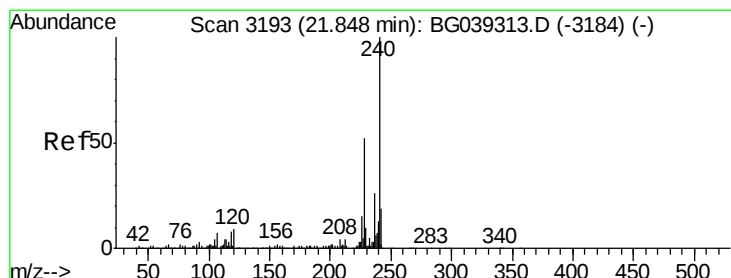
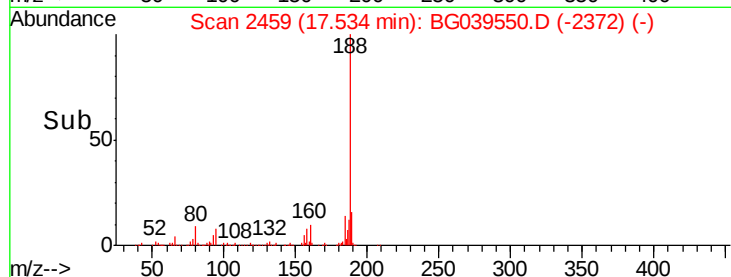
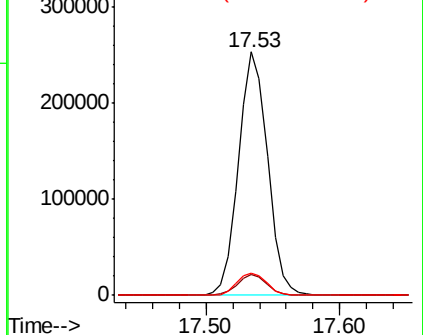
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

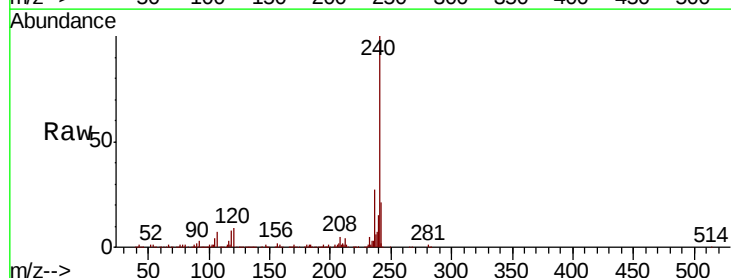
Tgt Ion:240 Resp: 391174

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

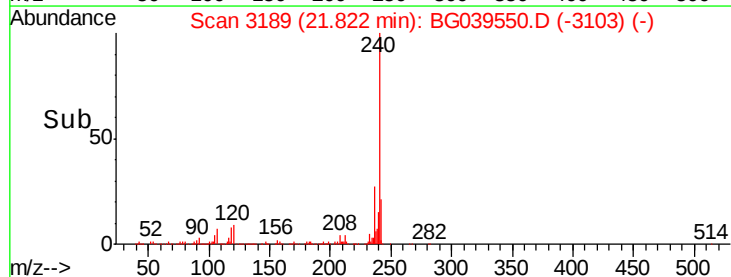
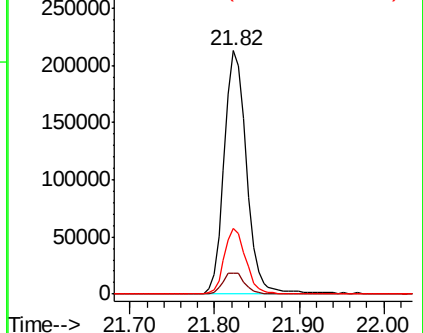
236 26.8 21.0 31.4

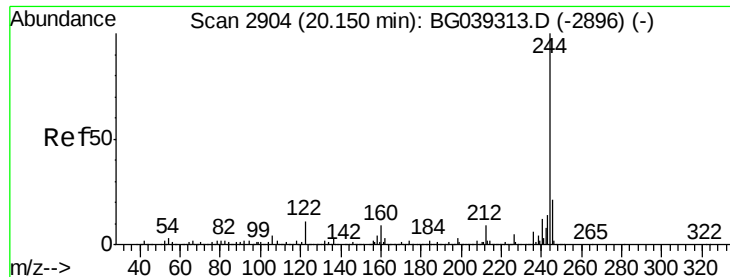


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.393 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

Instrument :

BNA_G

ClientSampled :

M-13-S

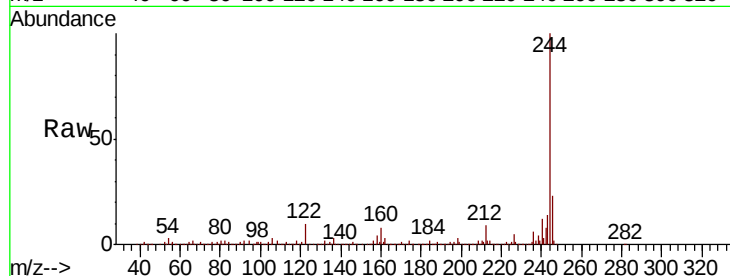
Tot Ion:244 Resp: 1596584

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

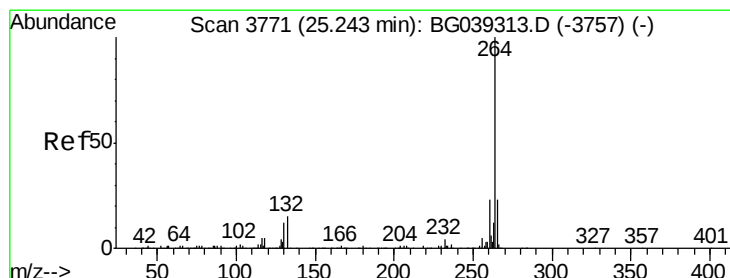
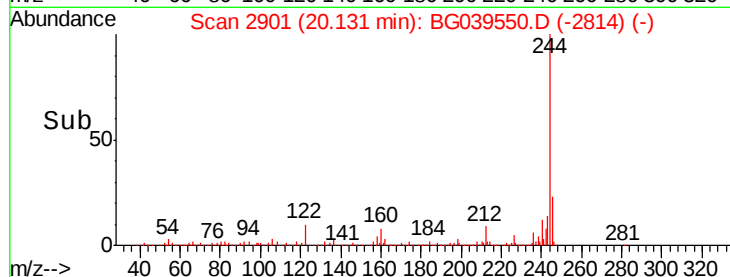
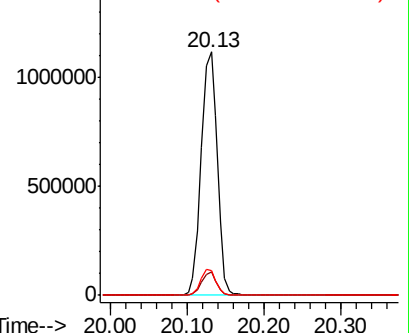
122 10.1 8.4 12.6



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. -0.04 min

Lab File: BG039550.D

Acq: 18 Feb 2019 22:00

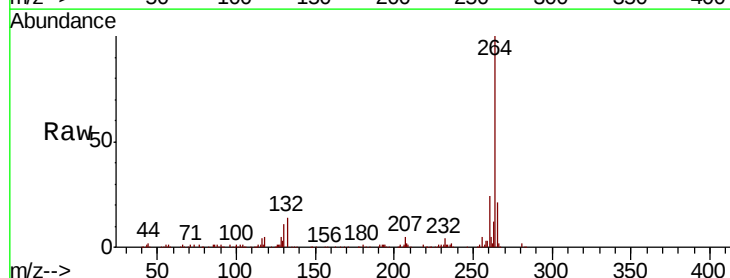
Tgt Ion:264 Resp: 334437

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.1 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

