

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039686.D
 Acq On : 1 Mar 2019 8:49
 Operator : JU/SJ
 Sample : K1652-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-DAY-2

Quant Time: Mar 01 10:16:22 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	47165	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	203534	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	129423	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	307393	20.00	ng	0.00
76) Chrysene-d12	21.82	240	328587	20.00	ng	-0.01
87) Perylene-d12	25.19	264	309926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	440967	160.02	ng	0.00
7) Phenol-d6	7.31	99	565717	139.46	ng	0.00
23) Nitrobenzene-d5	9.34	82	413648	126.96	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	188259	135.08	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	904806	100.29	ng	0.00
79) Terphenyl-d14	20.12	244	1475188	95.03	ng	0.00

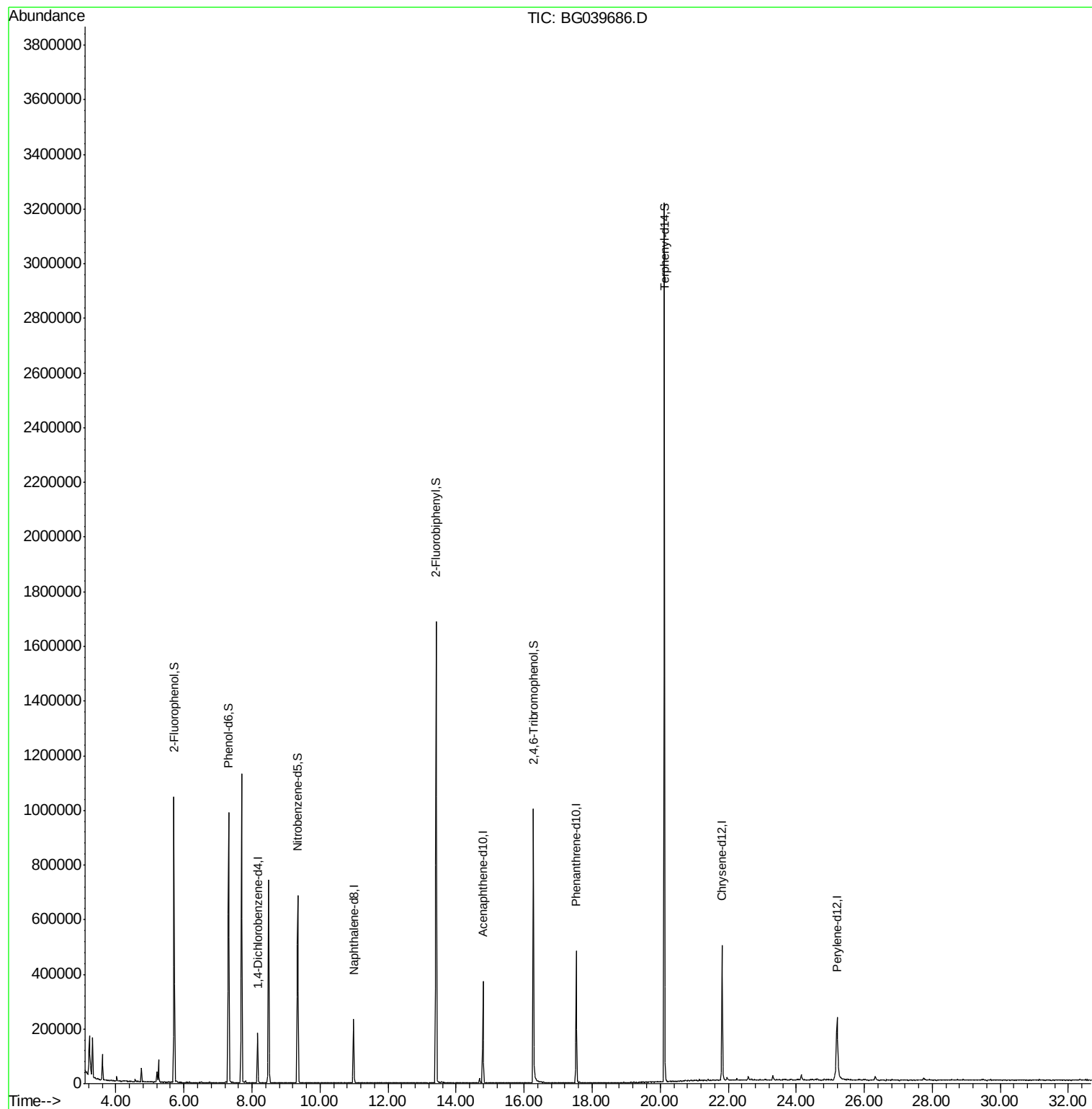
Target Compounds Qvalue

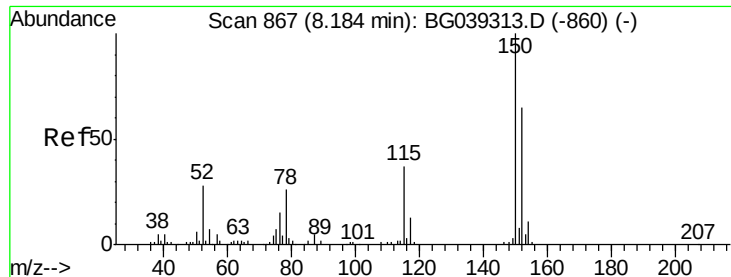
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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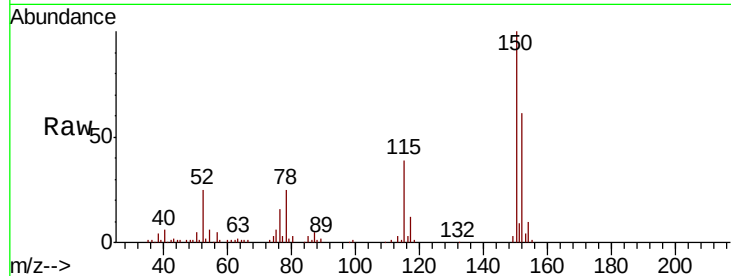


#1

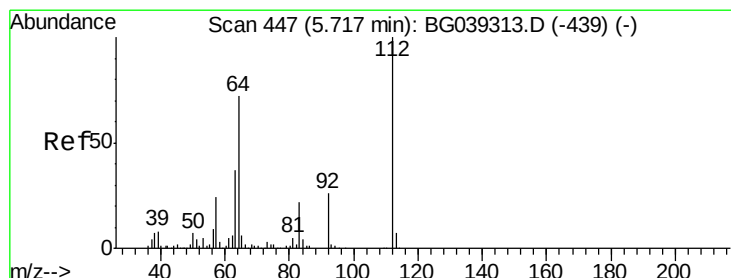
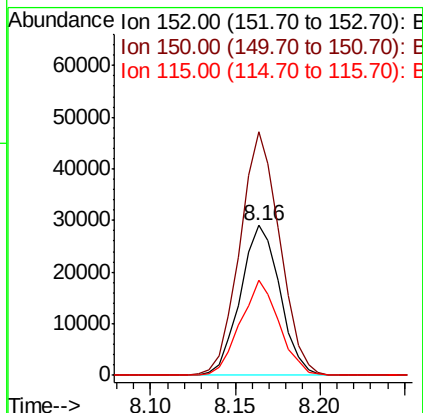
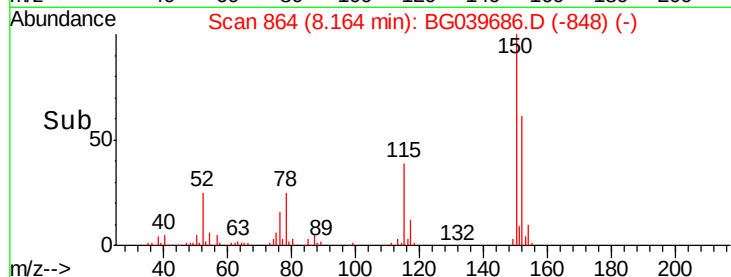
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039686.D
Acq: 1 Mar 2019 8:49

Instrument :
BNA_G
ClientSampleId :
COMP-DAY-2

Tot Ion:152 Resp: 47165
Ion Ratio Lower Upper
152 100
150 162.6 123.7 185.5
115 63.3 45.9 68.9



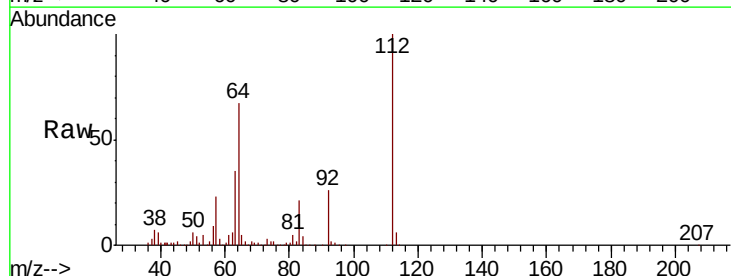
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



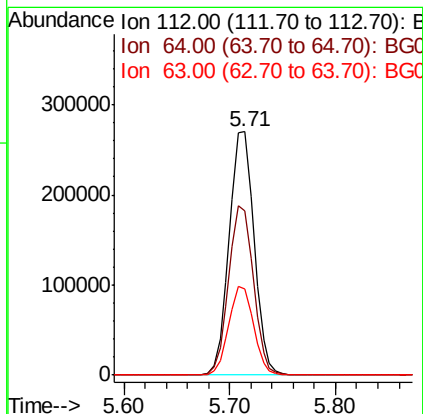
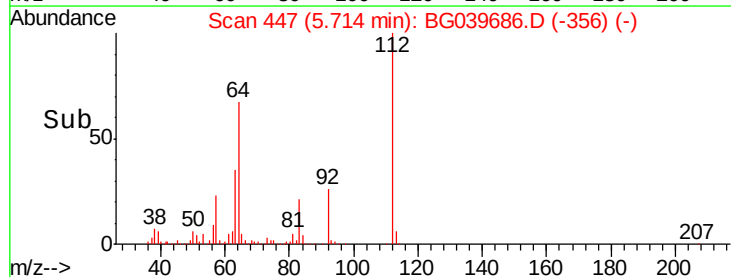
#5

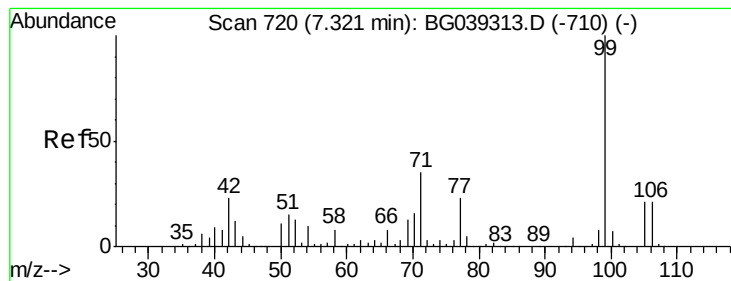
2-Fluorophenol
Concen: 160.017 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.01 min
Lab File: BG039686.D
Acq: 1 Mar 2019 8:49

Tgt Ion:112 Resp: 440967
Ion Ratio Lower Upper
112 100
64 67.2 57.8 86.8
63 35.3 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: 139.463 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039686.D

Acq: 1 Mar 2019 8:49

Instrument :

BNA_G

ClientSampleId :

COMP-DAY-2

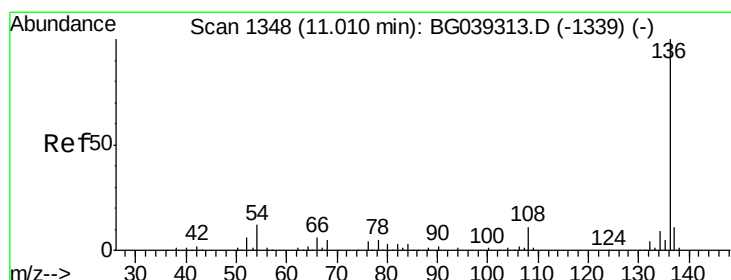
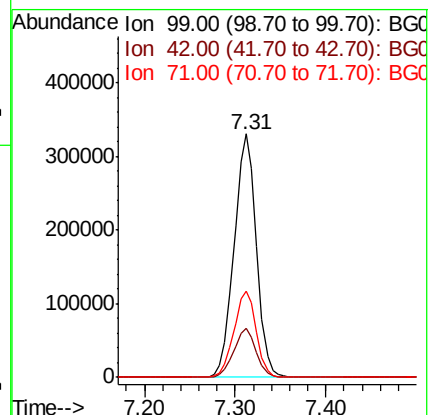
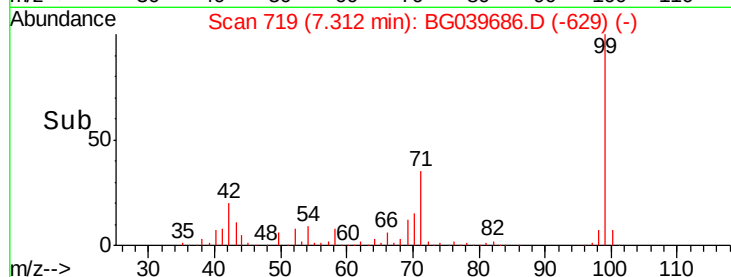
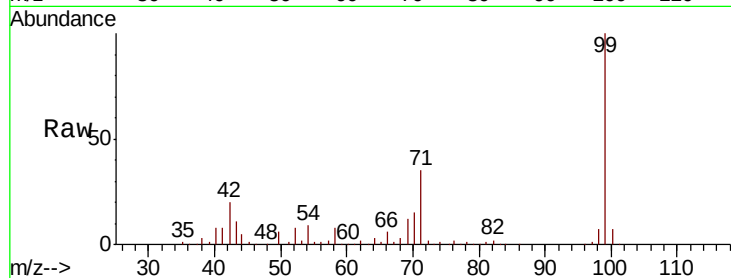
Tot Ion: 99 Resp: 565717

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 35.3 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039686.D

Acq: 1 Mar 2019 8:49

Tgt Ion: 136 Resp: 203534

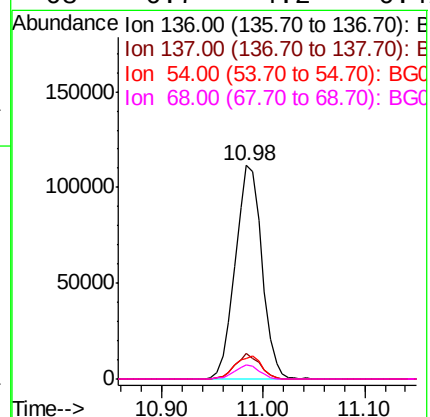
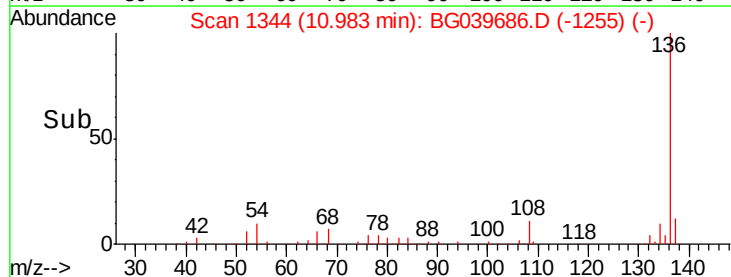
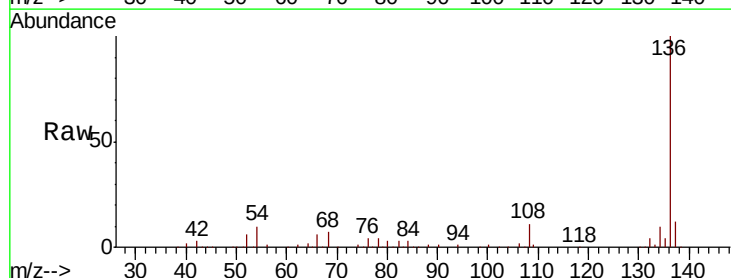
Ion Ratio Lower Upper

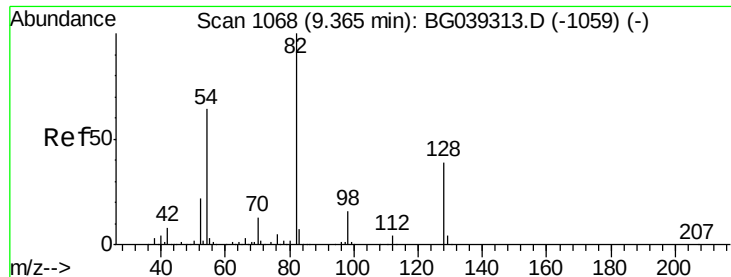
136 100

137 11.8 9.1 13.7

54 9.7 9.4 14.2

68 6.7 4.2 6.4#

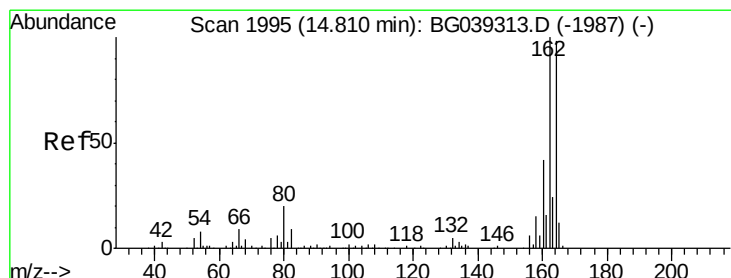
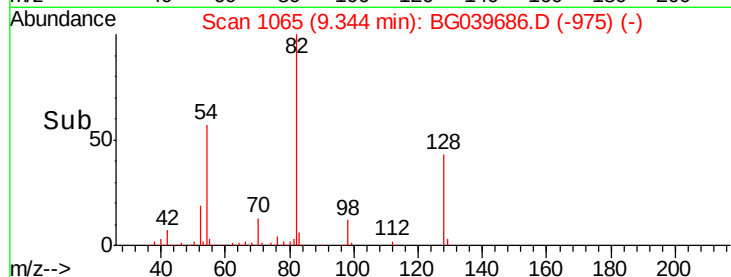
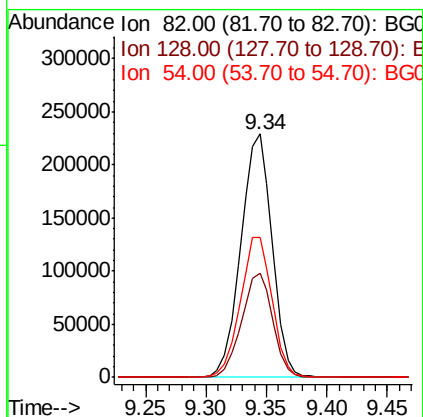
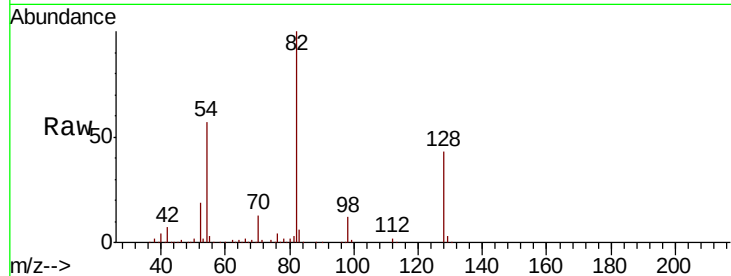




#23
Nitrobenzene-d5
Concen: 126.963 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039686.D
Acq: 1 Mar 2019 8:49

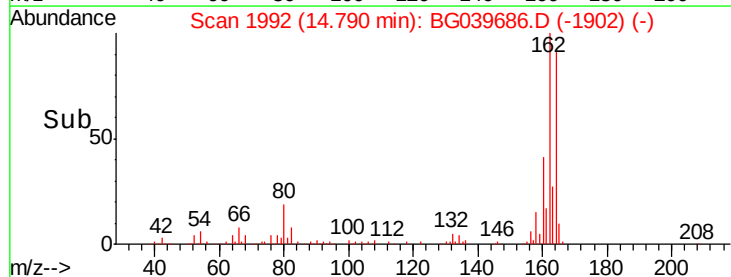
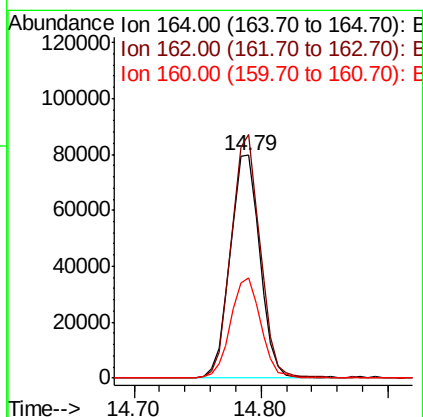
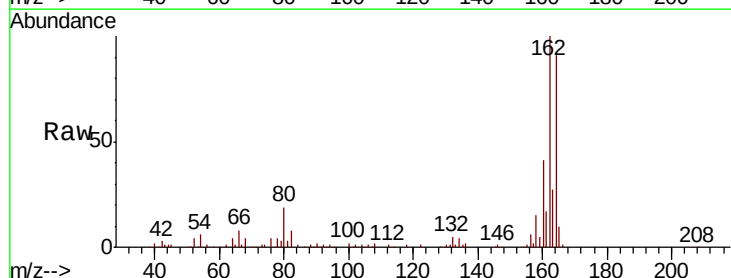
Instrument :
BNA_G
ClientSampleId :
COMP-DAY-2

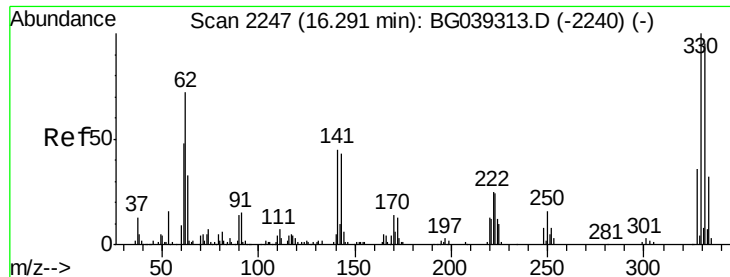
Tot Ion: 82 Resp: 413648
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 57.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039686.D
Acq: 1 Mar 2019 8:49

Tgt Ion:164 Resp: 129423
Ion Ratio Lower Upper
164 100
162 109.4 81.6 122.4
160 44.9 34.2 51.2

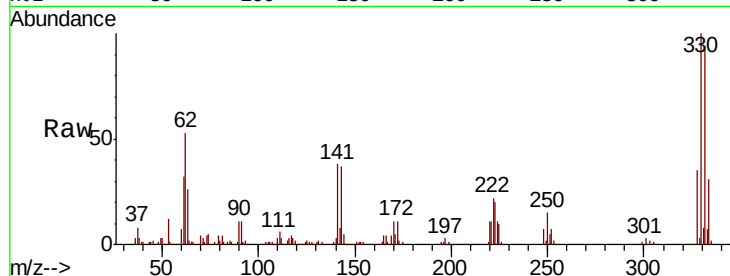




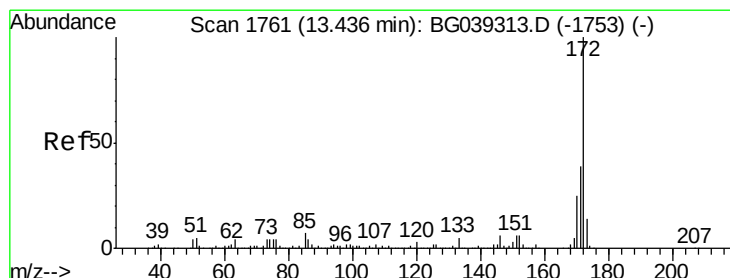
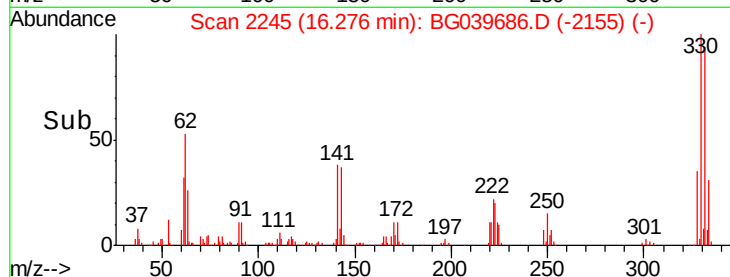
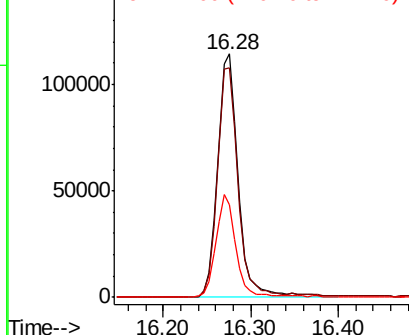
#42
 2,4,6-Tribromophenol
 Concen: 135.082 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BG039686.D
 Acq: 1 Mar 2019 8:49

Instrument :
 BNA_G
 ClientSampleId :
 COMP-DAY-2

Tot Ion:330 Resp: 188259
 Ion Ratio Lower Upper
 330 100
 332 93.3 75.7 113.5
 141 39.9 35.6 53.4

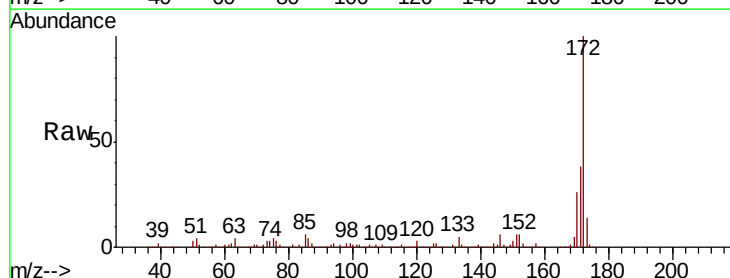


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

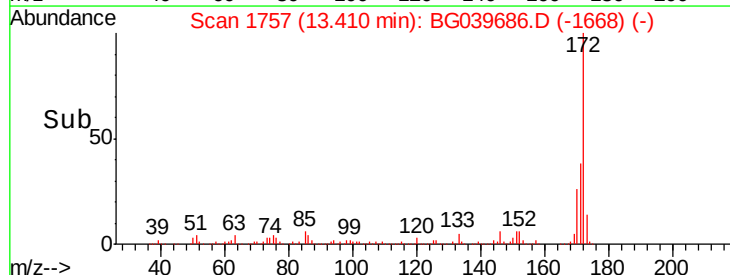
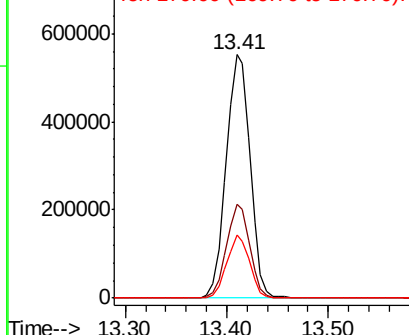


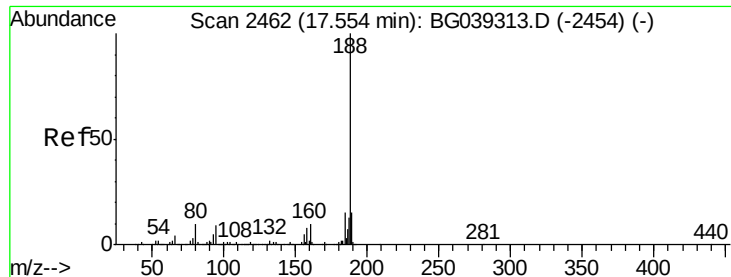
#45
 2-Fluorobiphenyl
 Concen: 100.290 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039686.D
 Acq: 1 Mar 2019 8:49

Tgt Ion:172 Resp: 904806
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.8 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: BG039686.D

Acq: 1 Mar 2019 8:49

Instrument :

BNA_G

ClientSampleId :

COMP-DAY-2

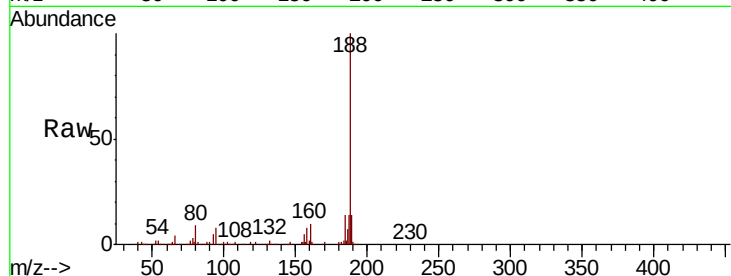
Tot Ion:188 Resp: 307393

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

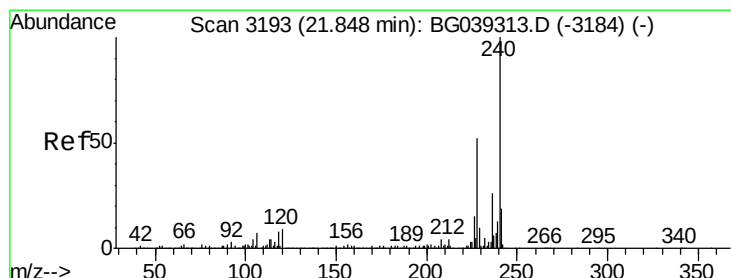
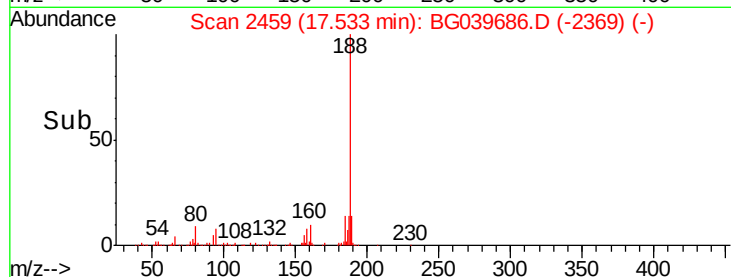
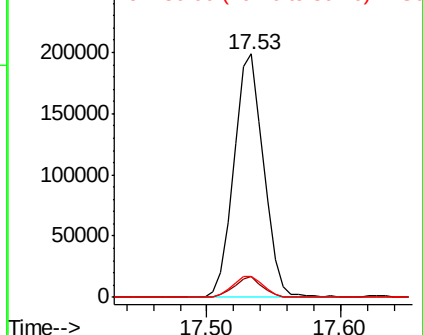
80 8.6 8.1 12.1



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# 3188

Delta R.T. -0.01 min

Lab File: BG039686.D

Acq: 1 Mar 2019 8:49

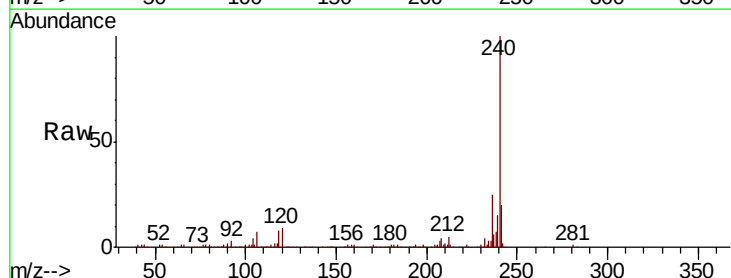
Tgt Ion:240 Resp: 328587

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

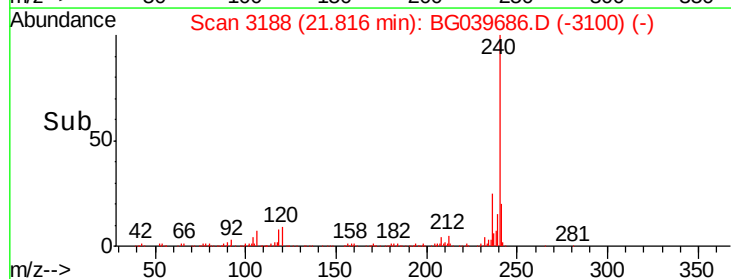
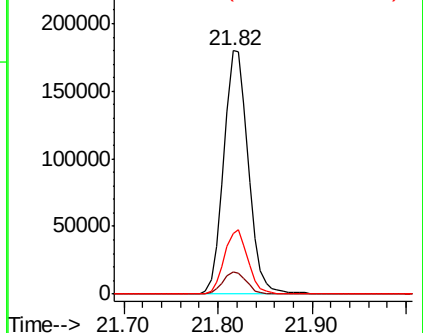
236 24.9 21.0 31.4

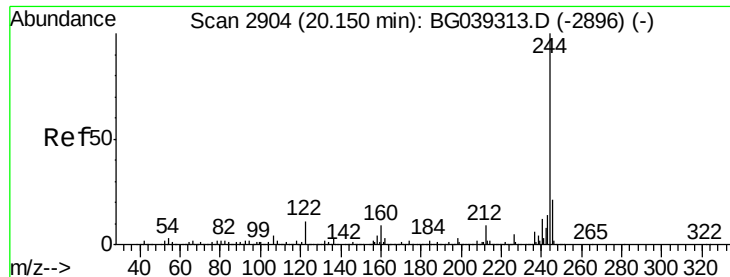


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.028 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039686.D

Acq: 1 Mar 2019 8:49

Instrument :

BNA_G

ClientSampleId :

COMP-DAY-2

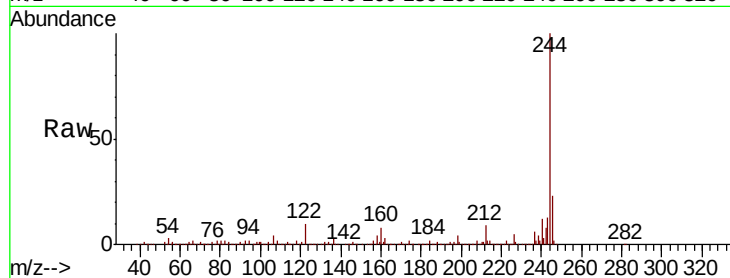
Tot Ion:244 Resp: 1475188

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

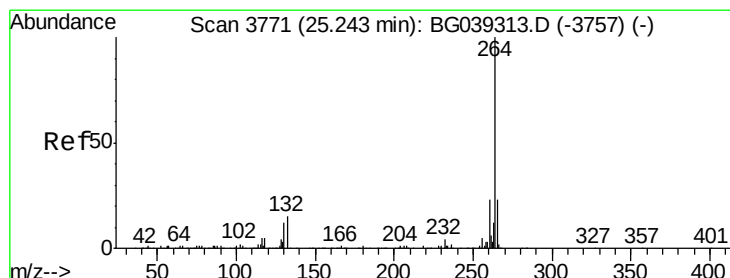
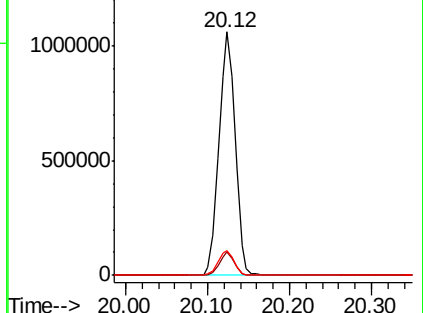
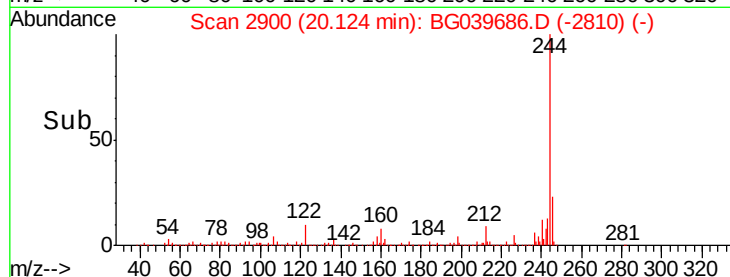
122 10.1 8.4 12.6



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: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039686.D

Acq: 1 Mar 2019 8:49

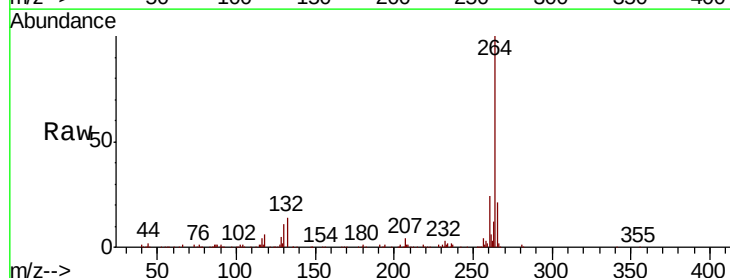
Tgt Ion:264 Resp: 309926

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.8 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

