

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039682.D
 Acq On : 1 Mar 2019 6:13
 Operator : JU/SJ
 Sample : K1645-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SR-9-D

Quant Time: Mar 01 07:17:48 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	50774	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	222424	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	147098	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	328948	20.00	ng	0.00
76) Chrysene-d12	21.82	240	343833	20.00	ng	-0.01
87) Perylene-d12	25.20	264	324304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	461074	155.42	ng	0.00
7) Phenol-d6	7.31	99	620090	142.00	ng	0.00
23) Nitrobenzene-d5	9.34	82	426810	119.88	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	208091	131.37	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	964360	94.05	ng	0.00
79) Terphenyl-d14	20.12	244	1457409	89.72	ng	0.00

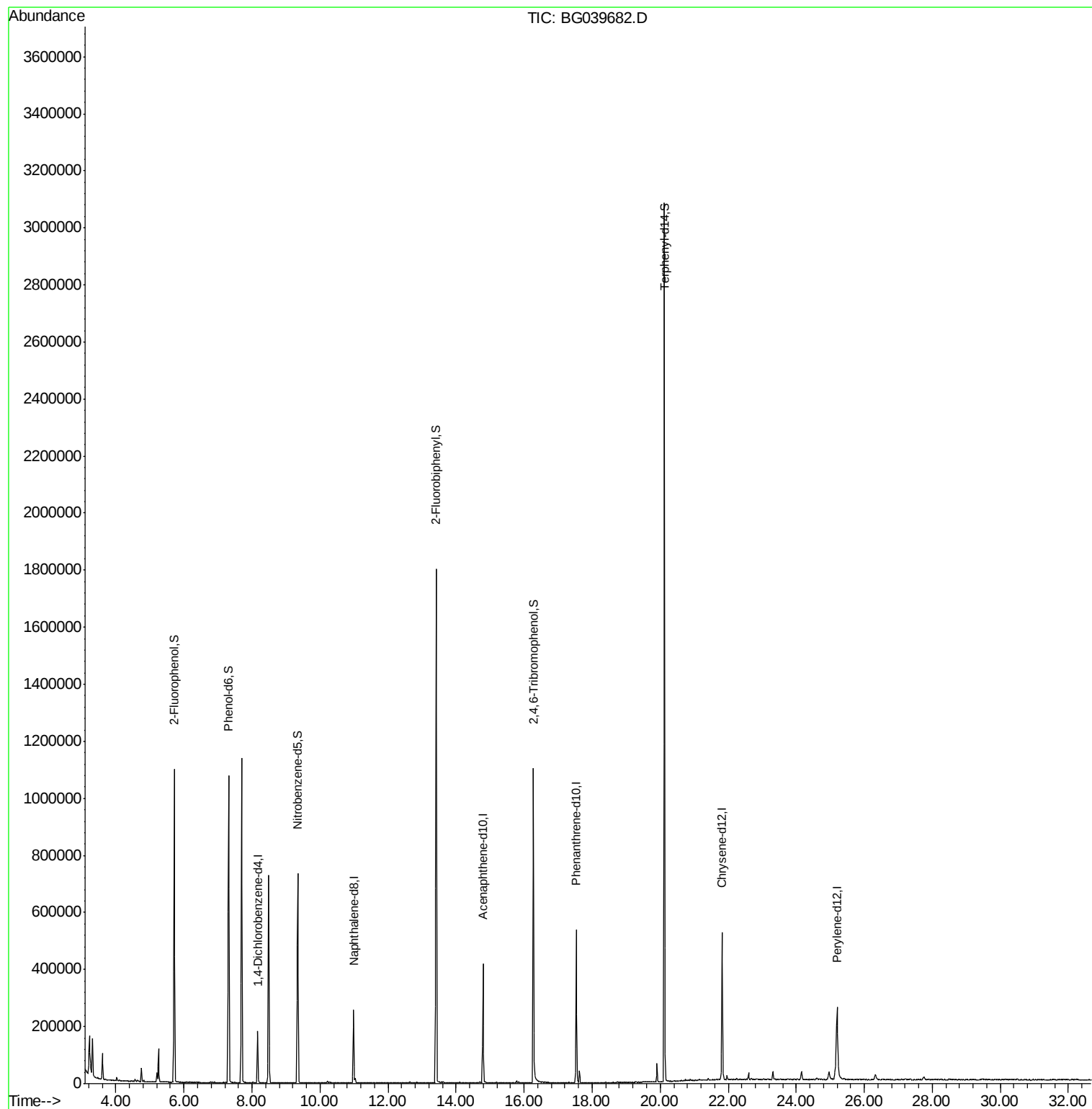
Target Compounds Qvalue

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

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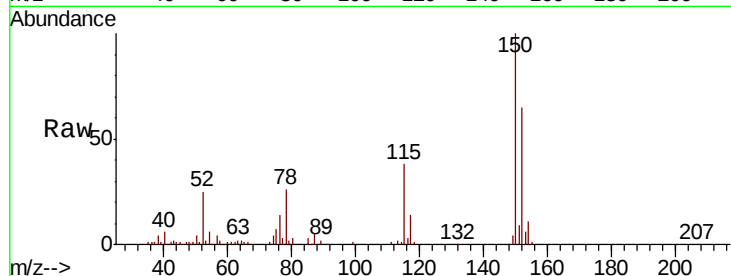


#1

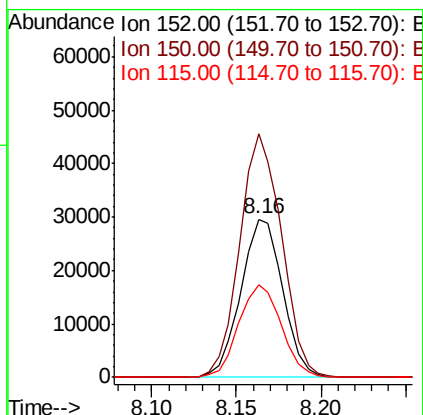
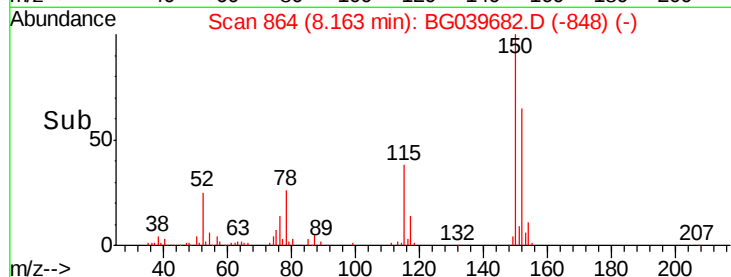
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039682.D
Acq: 1 Mar 2019 6:13

Instrument :
BNA_G
ClientSampleId :
SR-9-D

Tot Ion:152 Resp: 50774
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 58.5 45.9 68.9



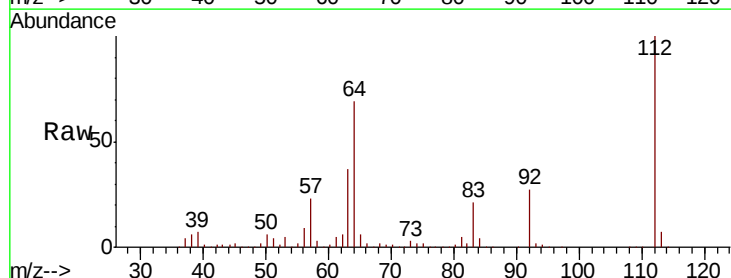
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



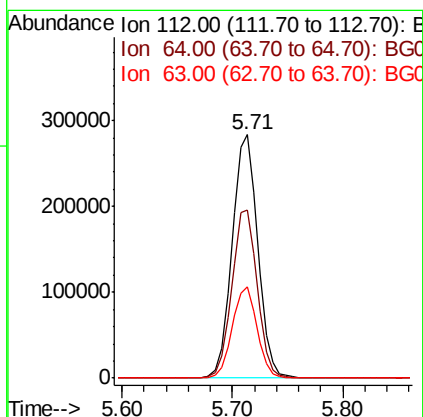
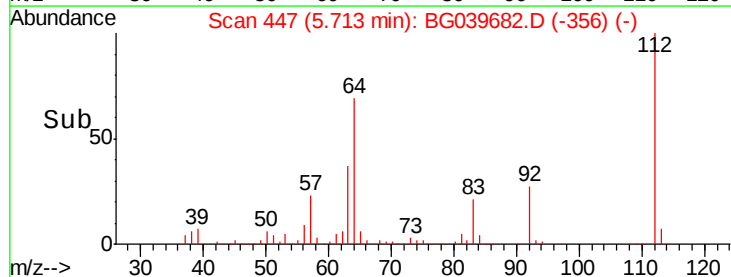
#5

2-Fluorophenol
Concen: 155.421 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039682.D
Acq: 1 Mar 2019 6:13

Tgt Ion:112 Resp: 461074
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 37.5 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: 142.001 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039682.D

Acq: 1 Mar 2019 6:13

Instrument :

BNA_G

ClientSampleId :

SR-9-D

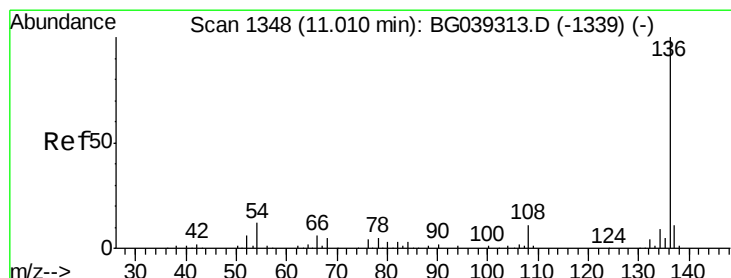
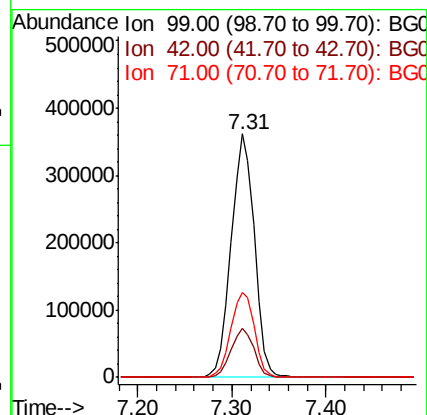
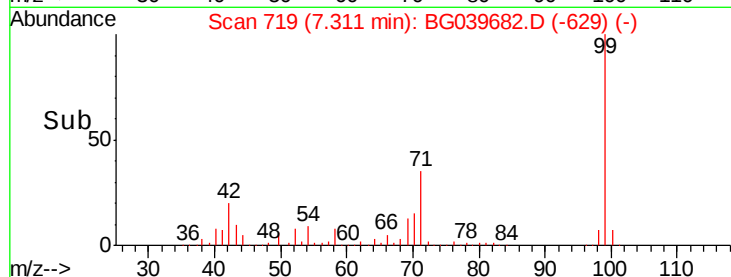
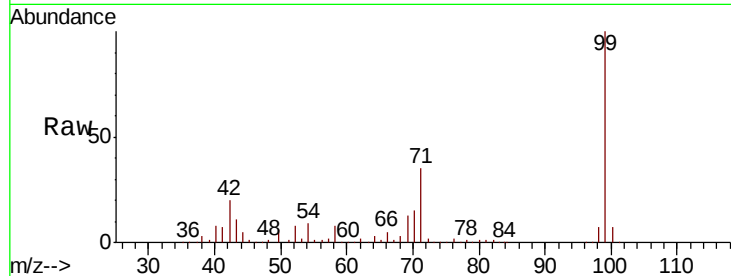
Tot Ion: 99 Resp: 620090

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 35.0 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: BG039682.D

Acq: 1 Mar 2019 6:13

Tgt Ion: 136 Resp: 222424

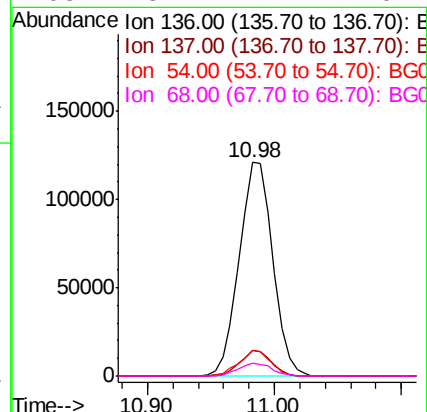
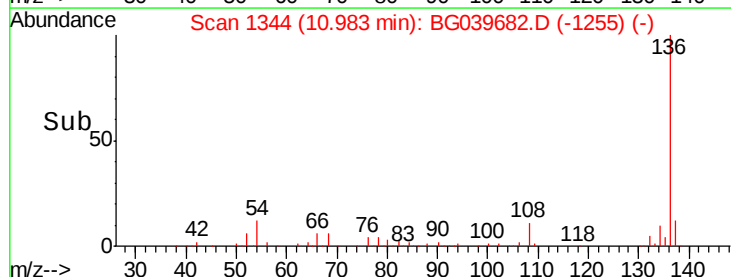
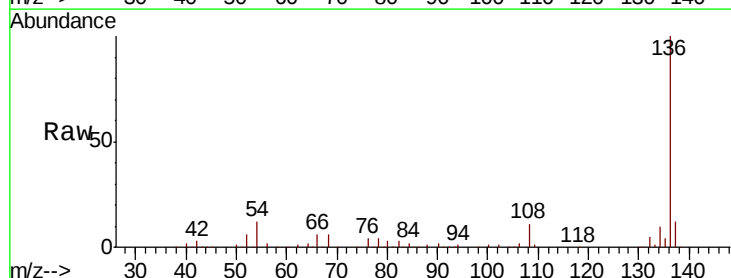
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 12.0 9.4 14.2

68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 119.877 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG039682.D

Acq: 1 Mar 2019 6:13

Instrument :

BNA_G

ClientSampleId :

SR-9-D

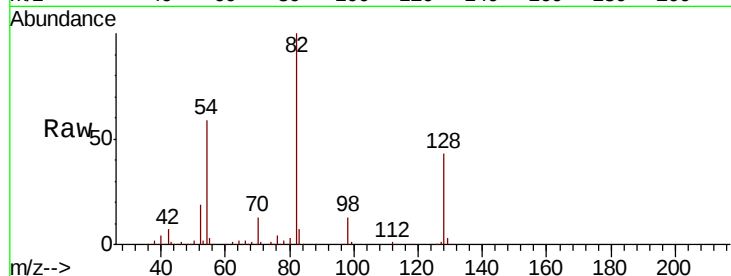
Tot Ion: 82 Resp: 426810

Ion Ratio Lower Upper

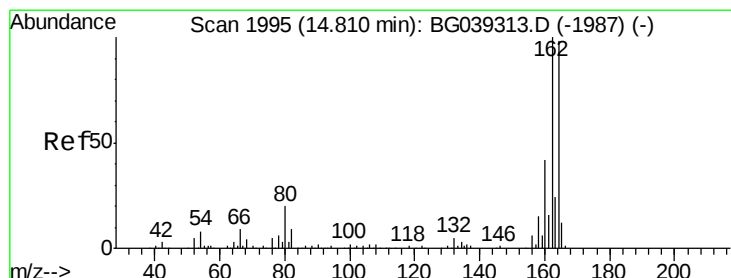
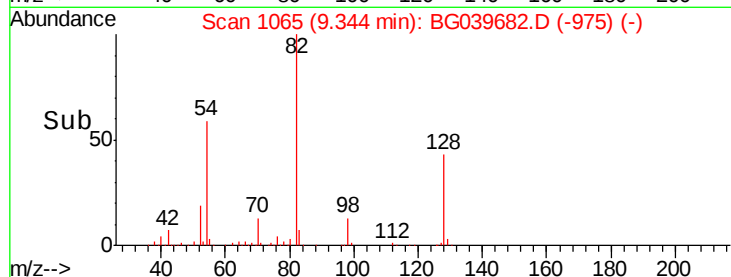
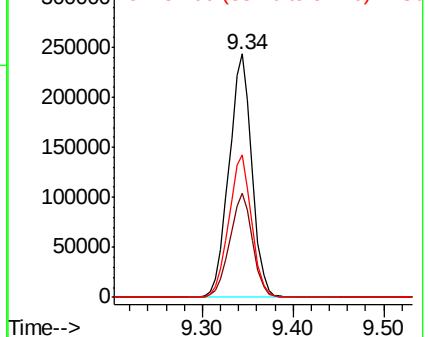
82 100

128 42.7 31.3 46.9

54 58.7 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039682.D

Acq: 1 Mar 2019 6:13

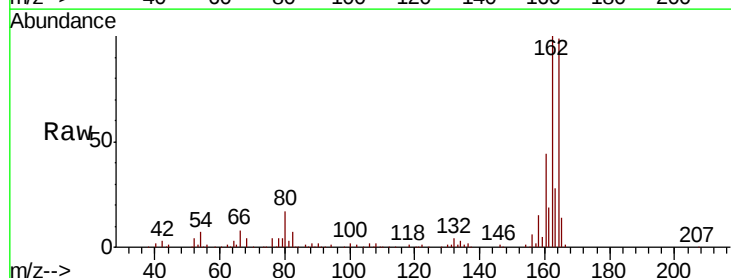
Tgt Ion:164 Resp: 147098

Ion Ratio Lower Upper

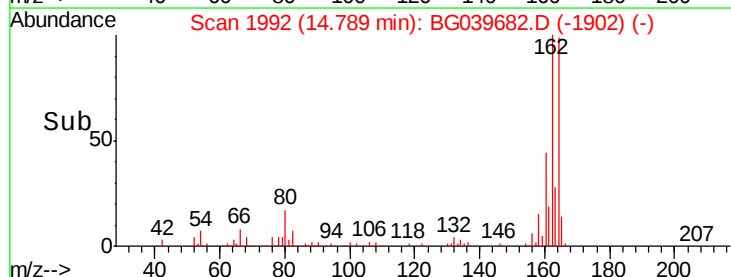
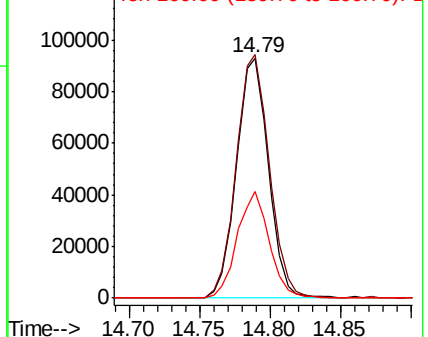
164 100

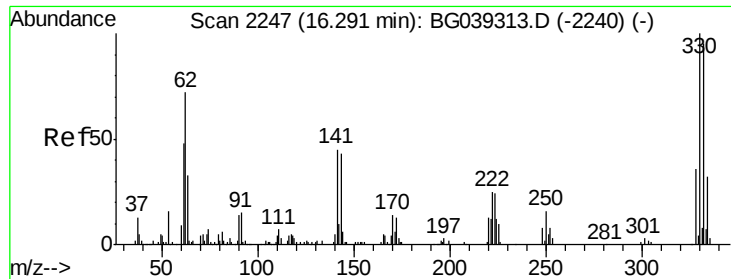
162 101.4 81.6 122.4

160 44.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

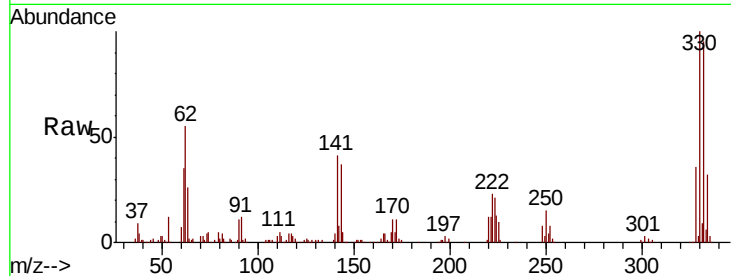




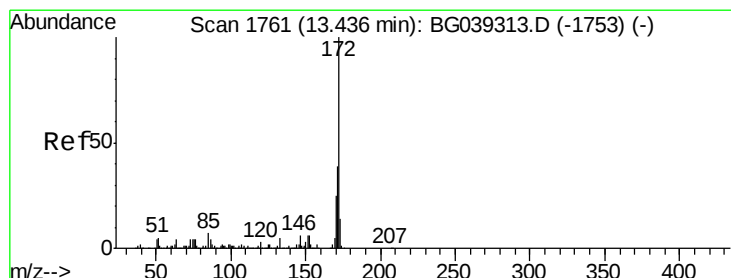
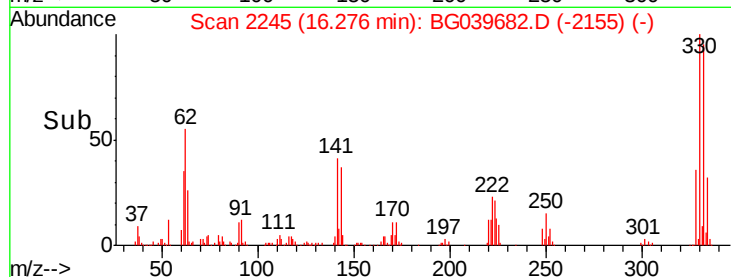
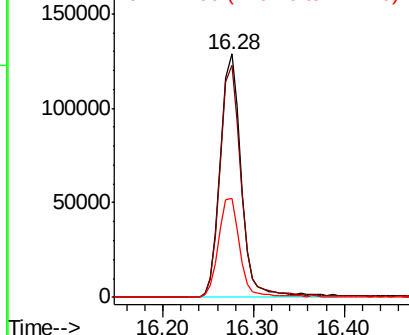
#42
 2,4,6-Tribromophenol
 Concen: 131.371 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BG039682.D
 Acq: 1 Mar 2019 6:13

Instrument :
 BNA_G
 ClientSampleId :
 SR-9-D

Tot Ion:330 Resp: 208091
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 40.7 35.6 53.4

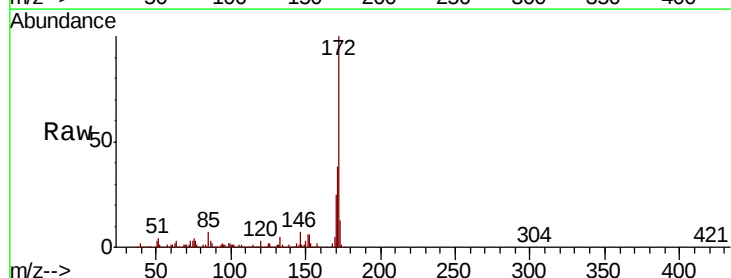


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

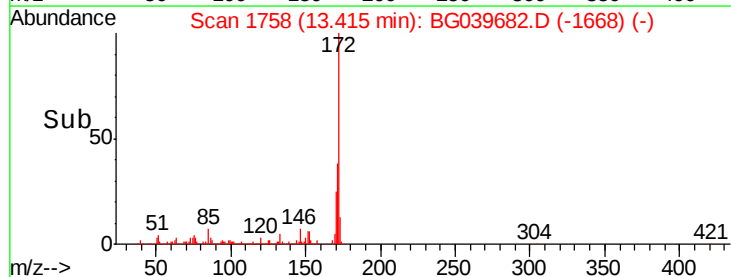
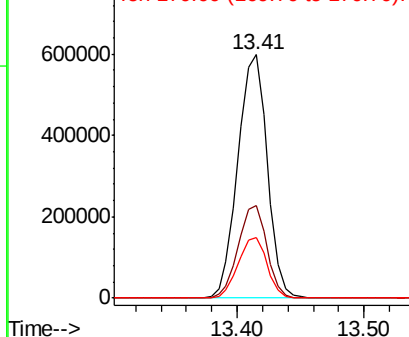


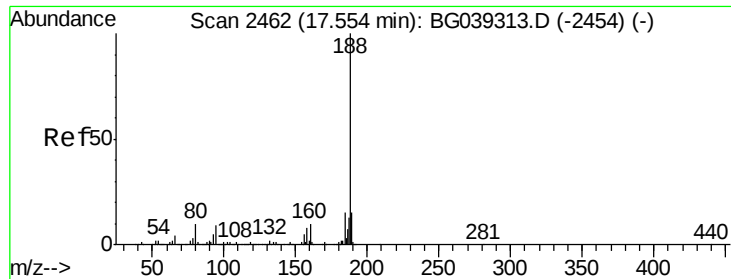
#45
 2-Fluorobiphenyl
 Concen: 94.048 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG039682.D
 Acq: 1 Mar 2019 6:13

Tgt Ion:172 Resp: 964360
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.9 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: BG039682.D

Acq: 1 Mar 2019 6:13

Instrument :

BNA_G

ClientSampleId :

SR-9-D

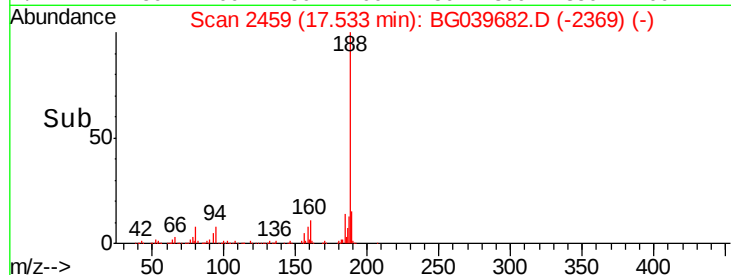
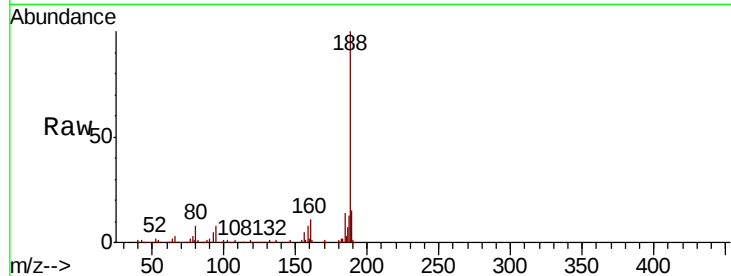
Tot Ion:188 Resp: 328948

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

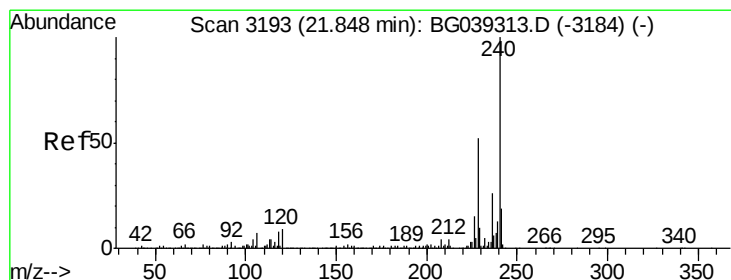
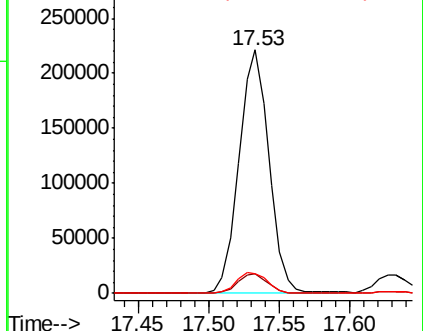
80 8.2 8.1 12.1



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: BG039682.D

Acq: 1 Mar 2019 6:13

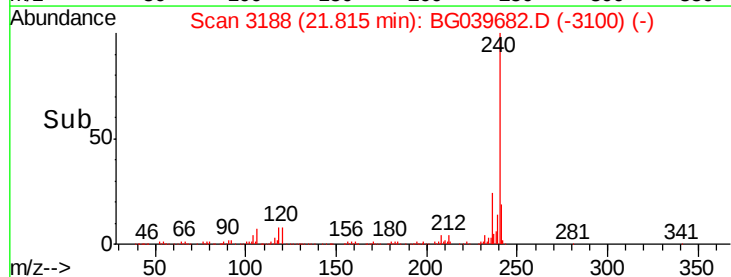
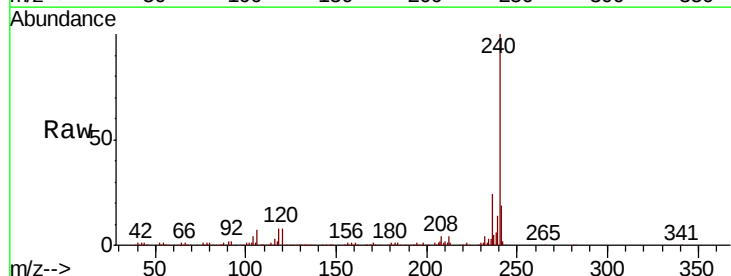
Tgt Ion:240 Resp: 343833

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

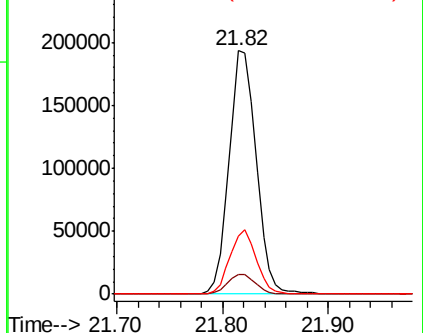
236 23.8 21.0 31.4



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



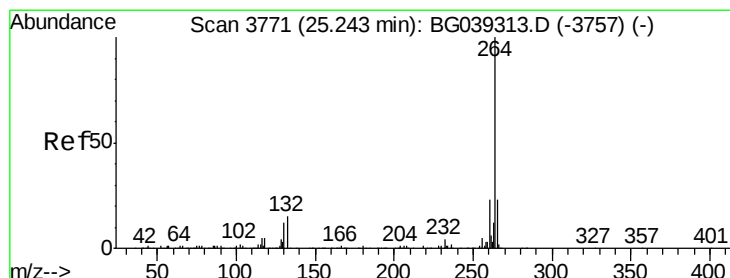
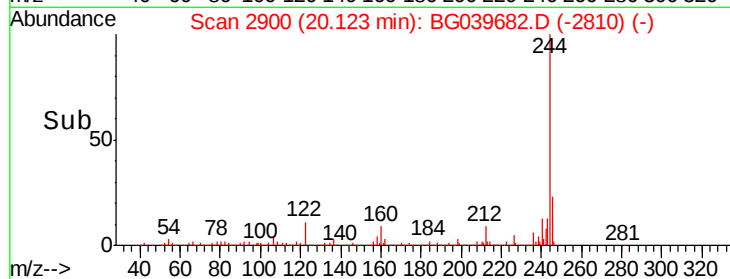
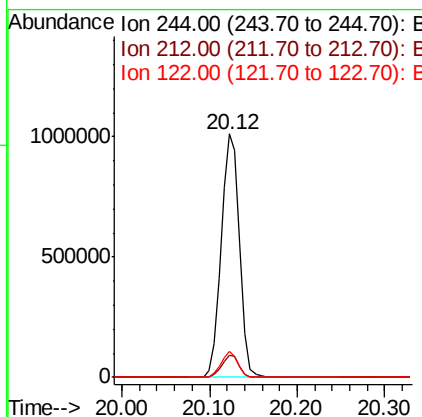
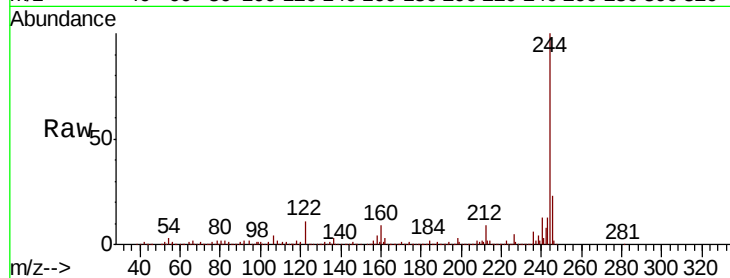


#79
 Terphenyl-d14
 Concen: 89.720 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039682.D
 Acq: 1 Mar 2019 6:13

Instrument :
 BNA_G
 ClientSampled :
 SR-9-D

Tot Ion:244 Resp: 1457409

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.8	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.00 min
 Lab File: BG039682.D
 Acq: 1 Mar 2019 6:13

Tgt Ion:264 Resp: 324304

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	20.6	18.5	27.7

