

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039911.D
 Acq On : 13 Mar 2019 20:43
 Operator : JU/SJ
 Sample : K1869-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Mar 14 04:36:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40799	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	165096	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108490	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	263650	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	298402	20.00	ng	-0.02
87) Perylene-d12	25.16	264	297489	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	296553	124.00	ng	-0.02
7) Phenol-d6	7.29	99	377457	105.85	ng	-0.02
23) Nitrobenzene-d5	9.33	82	283241	92.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	172429	136.36	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	676899	88.84	ng	-0.02
79) Terphenyl-d14	20.11	244	1109613	81.87	ng	-0.01

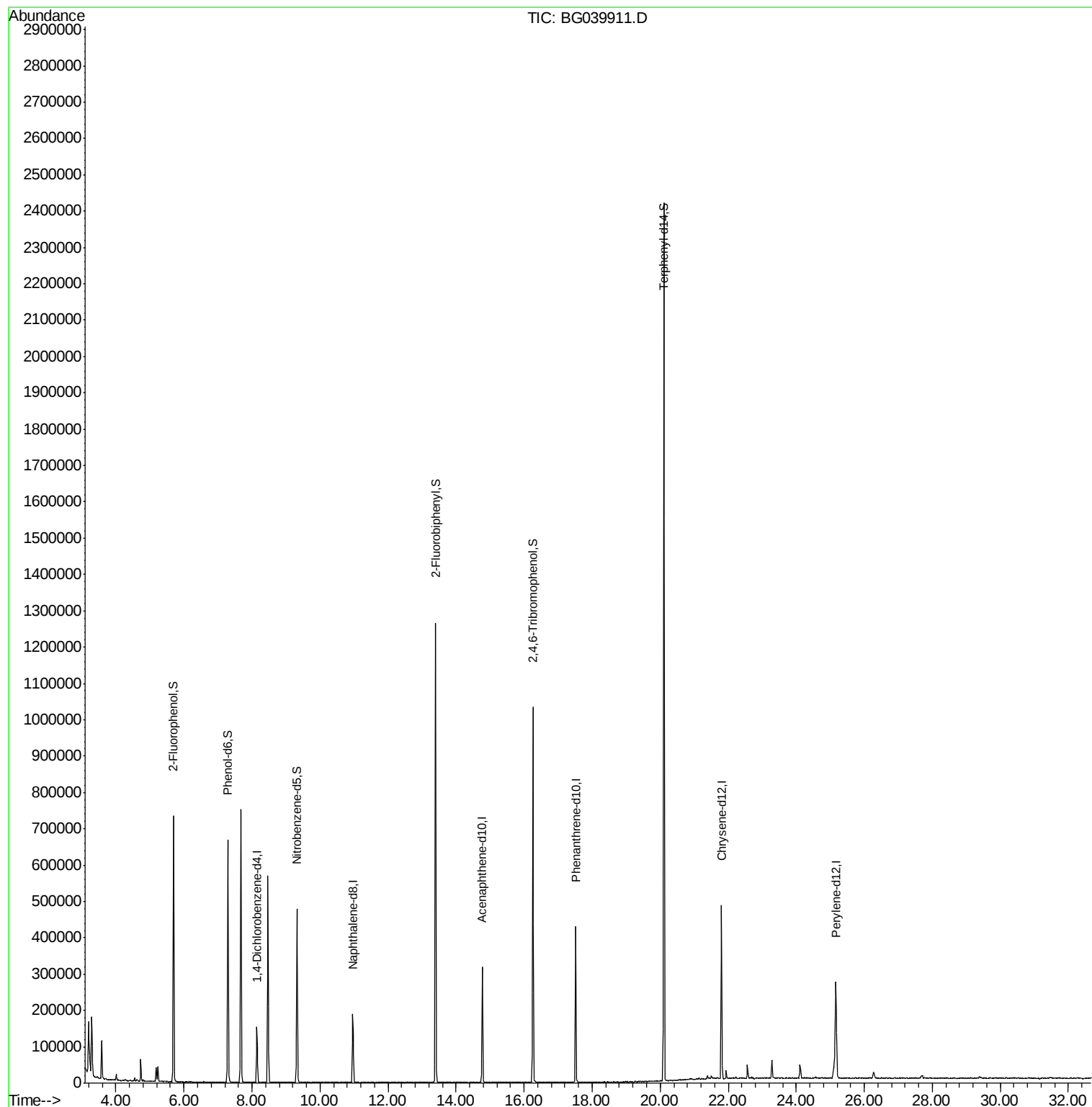
Target Compounds Qvalue

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

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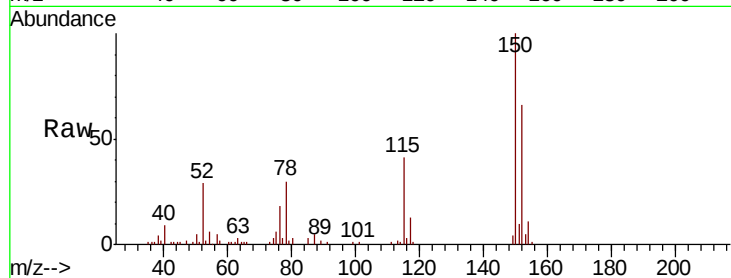


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039911.D
Acq: 13 Mar 2019 20:43

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.7	185.5
115	61.6	45.9	68.9

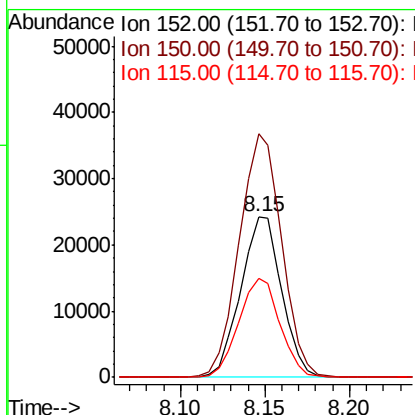
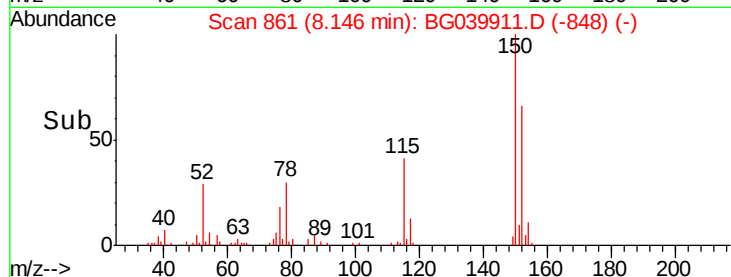


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

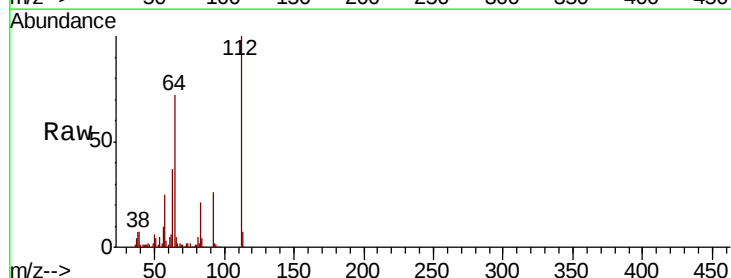
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.004 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039911.D
Acq: 13 Mar 2019 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.8	86.8
63	36.7	29.8	44.6

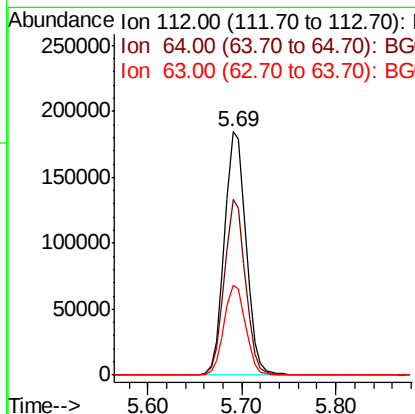
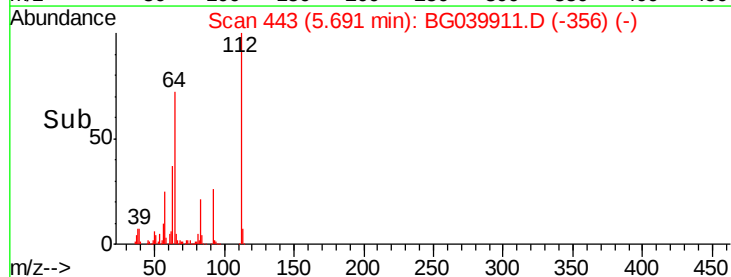


Abundance

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: 105.853 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

Instrument :

BNA_G

ClientSampled :

SP-1

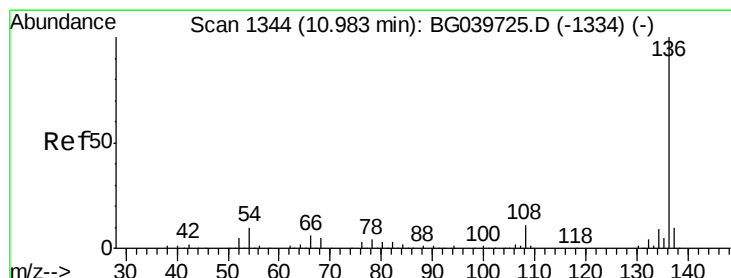
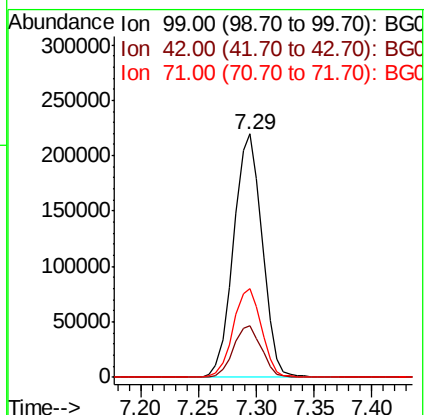
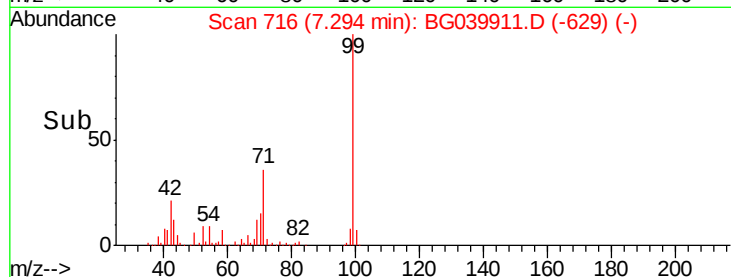
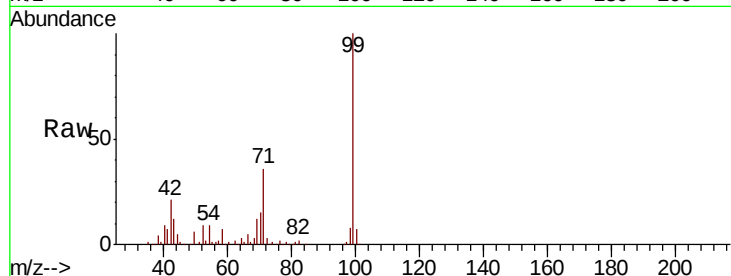
Tot Ion: 99 Resp: 377457

Ion Ratio Lower Upper

99 100

42 21.2 18.2 27.2

71 36.4 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

Tgt Ion: 136 Resp: 165096

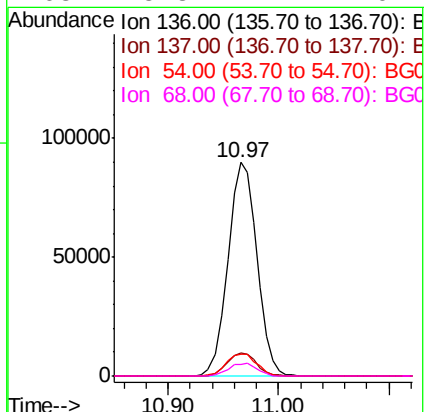
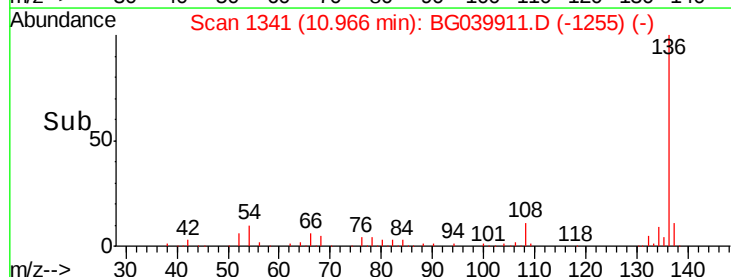
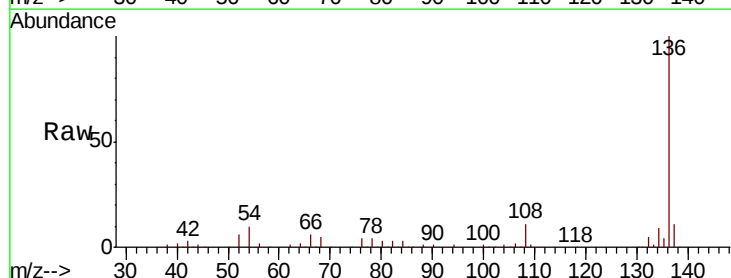
Ion Ratio Lower Upper

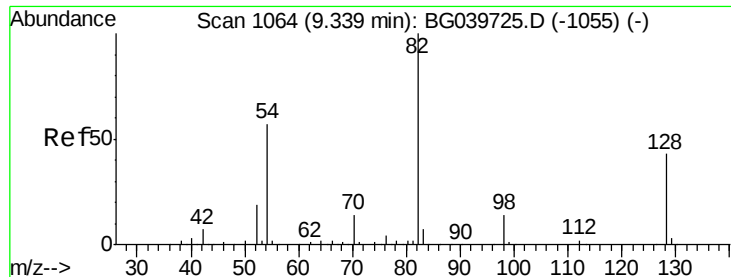
136 100

137 10.7 9.1 13.7

54 10.2 9.4 14.2

68 5.3 4.2 6.4

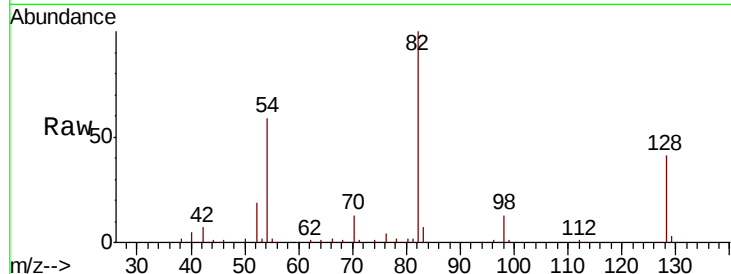




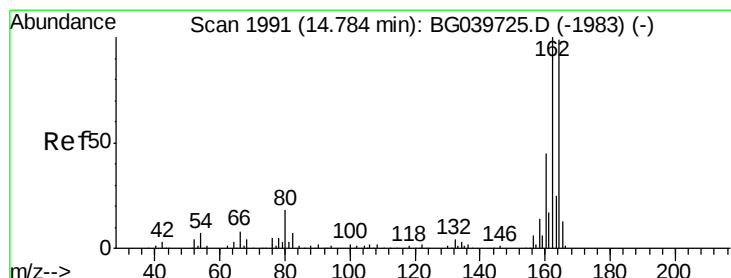
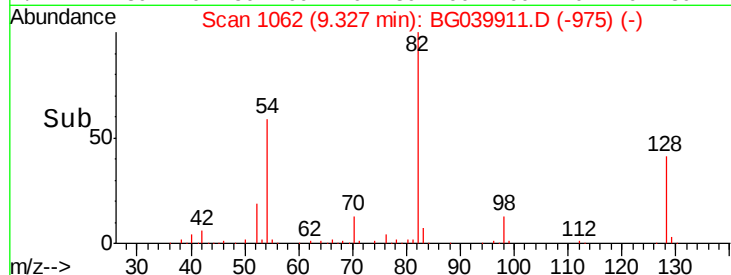
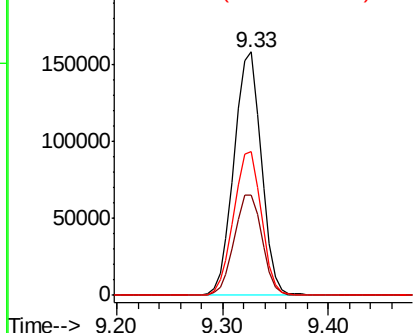
#23
 Nitrobenzene-d5
 Concen: 92.787 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039911.D
 Acq: 13 Mar 2019 20:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	58.9	50.9	76.3

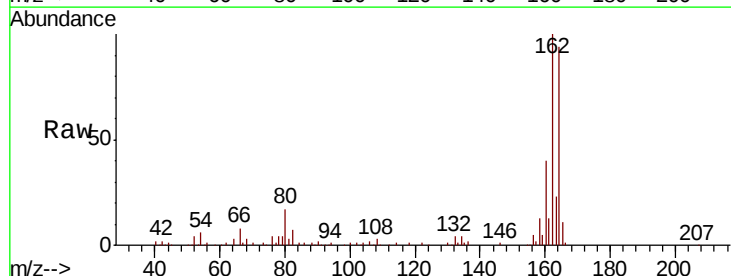


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

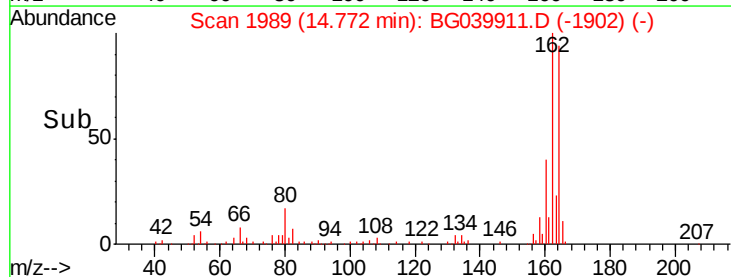
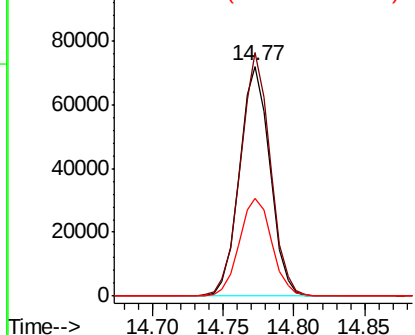


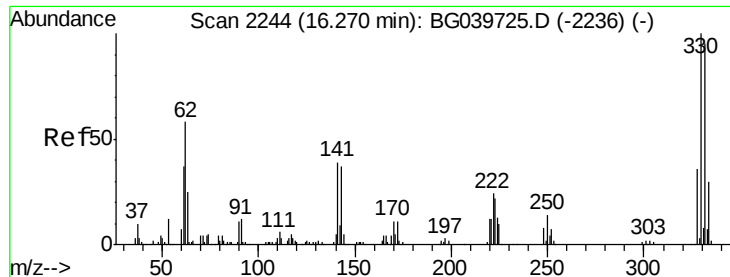
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039911.D
 Acq: 13 Mar 2019 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	42.4	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

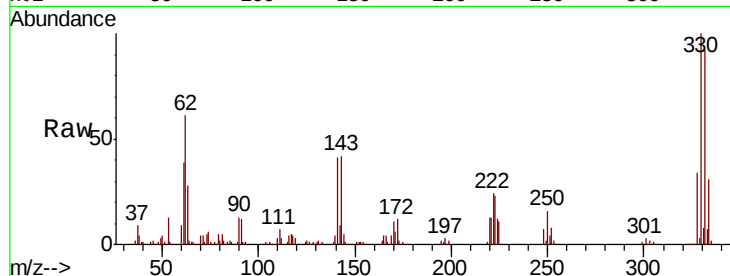




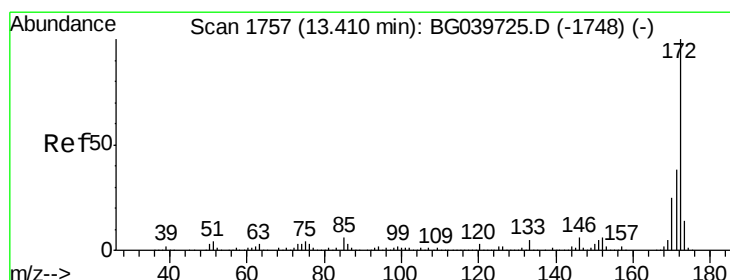
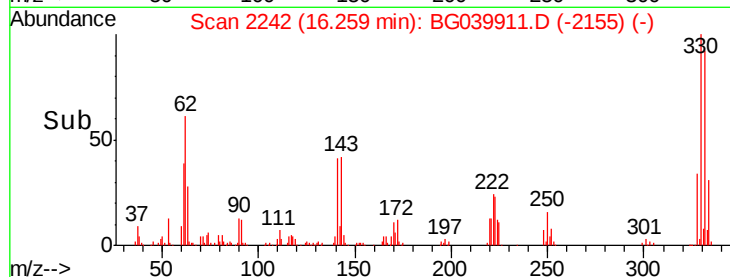
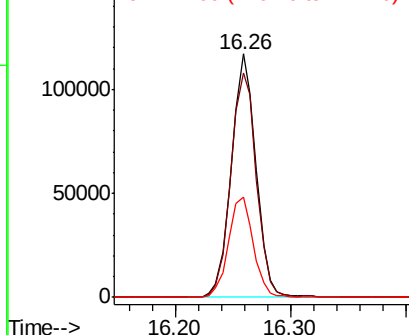
#42
 2,4,6-Tribromophenol
 Concen: 136.358 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039911.D
 Acq: 13 Mar 2019 20:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tot Ion:330 Resp: 172429
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 41.6 35.6 53.4

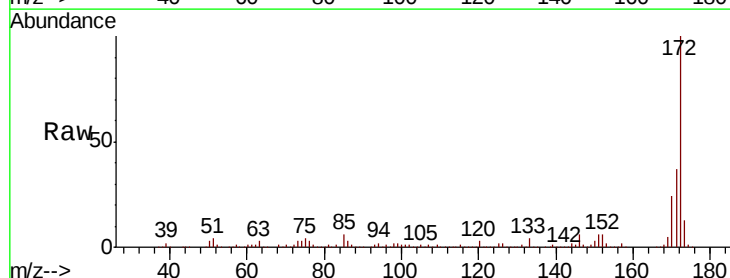


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

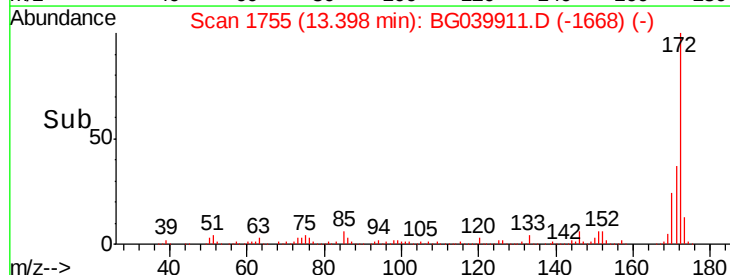
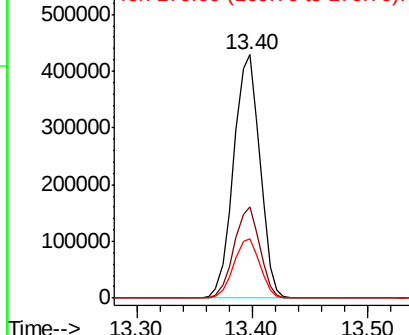


#45
 2-Fluorobiphenyl
 Concen: 88.837 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039911.D
 Acq: 13 Mar 2019 20:43

Tgt Ion:172 Resp: 676899
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.1 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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

Instrument :

BNA_G

ClientSampleId :

SP-1

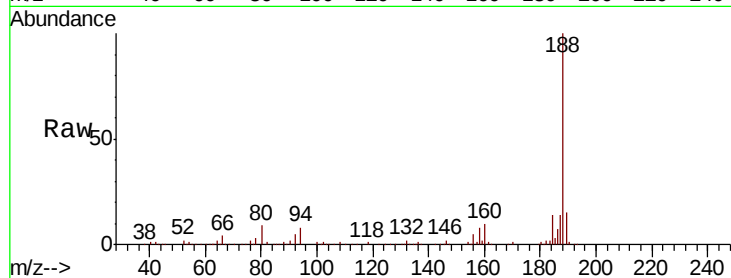
Tot Ion:188 Resp: 263650

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

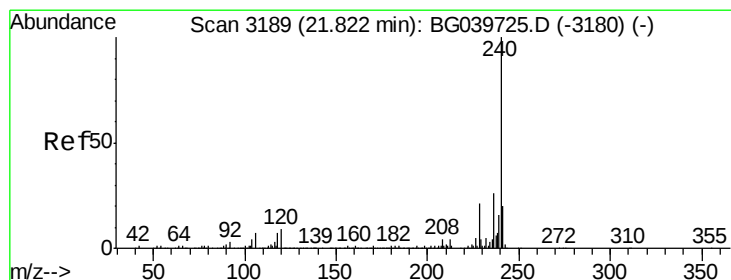
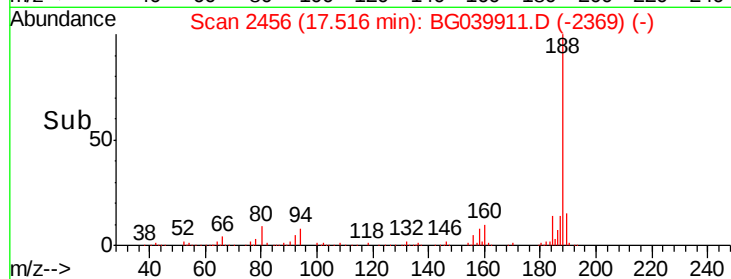
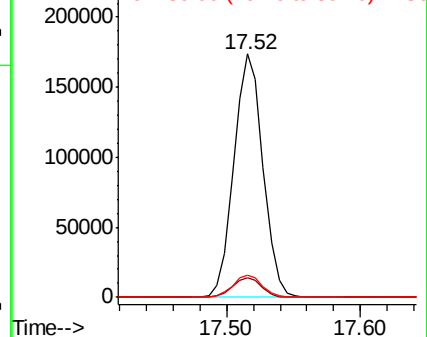
80 9.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

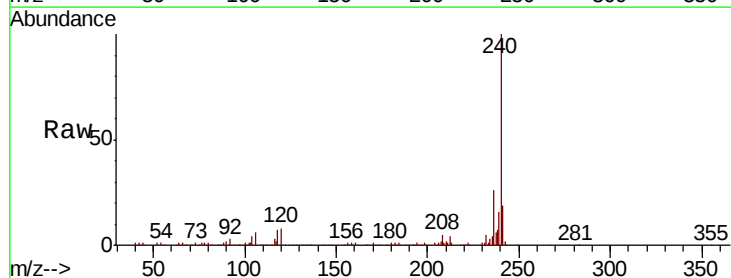
Tgt Ion:240 Resp: 298402

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

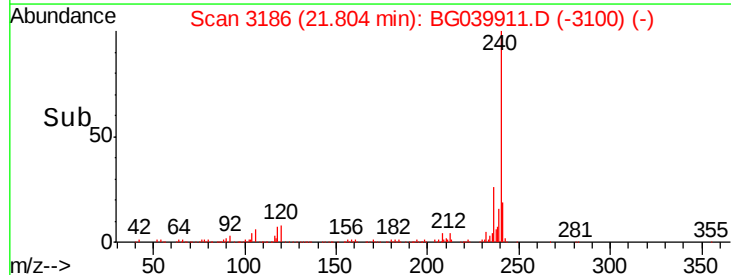
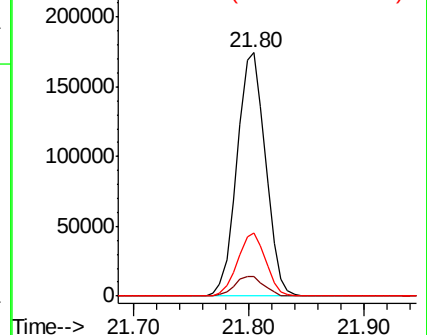
236 26.2 21.0 31.4



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: 81.875 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

Instrument :

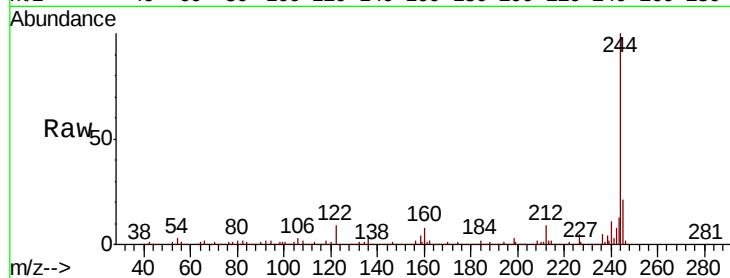
BNA_G

ClientSampled :

SP-1

Tot Ion:244 Resp: 1109613

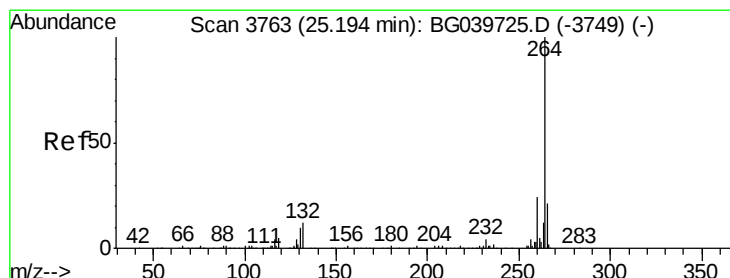
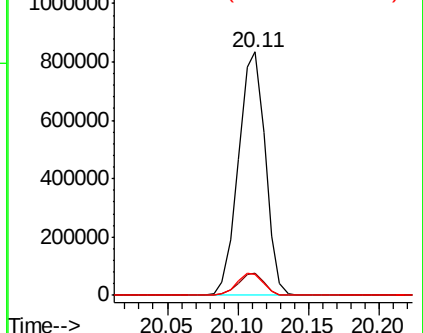
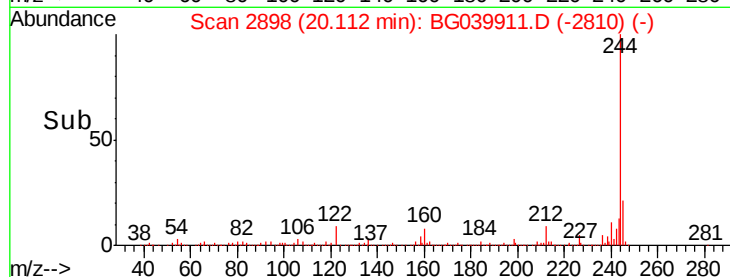
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	8.7	8.4	12.6



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: 25.16 min Scan# 3758

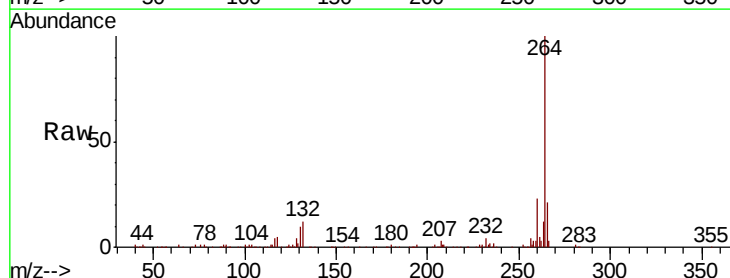
Delta R.T. -0.04 min

Lab File: BG039911.D

Acq: 13 Mar 2019 20:43

Tgt Ion:264 Resp: 297489

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.0	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

