

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039698.D
 Acq On : 1 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K1665-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 200051

Quant Time: Mar 02 03:31:41 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	48276	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	202786	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	136266	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	339769	20.00	ng	0.00
76) Chrysene-d12	21.82	240	357383	20.00	ng	-0.01
87) Perylene-d12	25.20	264	334413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	369066	130.84	ng	0.00
7) Phenol-d6	7.31	99	489826	117.98	ng	0.00
23) Nitrobenzene-d5	9.34	82	351108	108.16	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	207360	141.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	849969	89.48	ng	0.00
79) Terphenyl-d14	20.13	244	1408673	83.43	ng	0.00

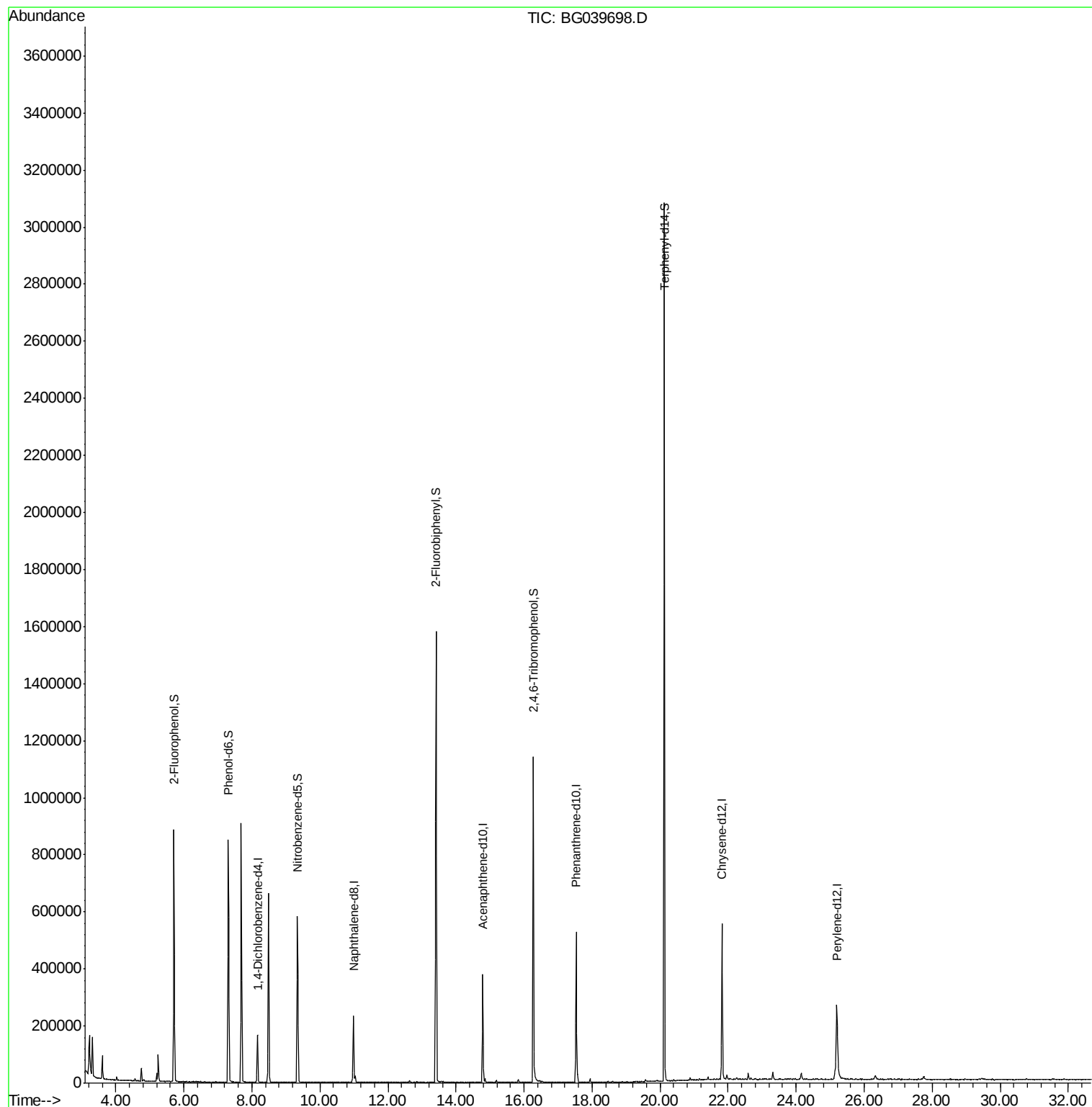
Target Compounds Qvalue

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

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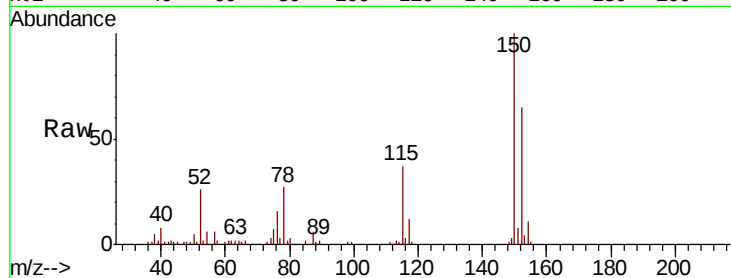


#1

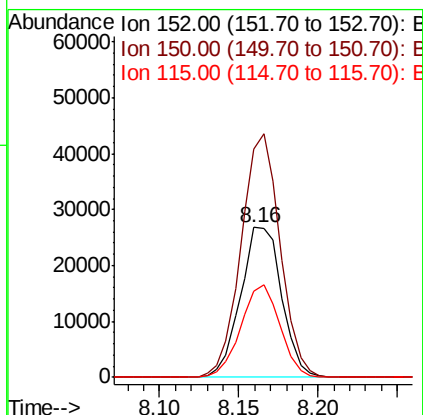
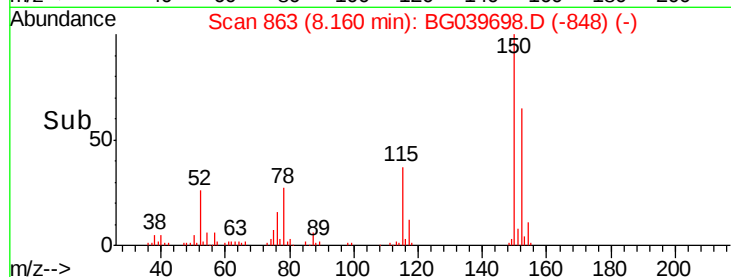
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039698.D
Acq: 1 Mar 2019 22:18

Instrument :
BNA_G
ClientSampled :
200051

Tot Ion:152 Resp: 48276
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 57.2 45.9 68.9



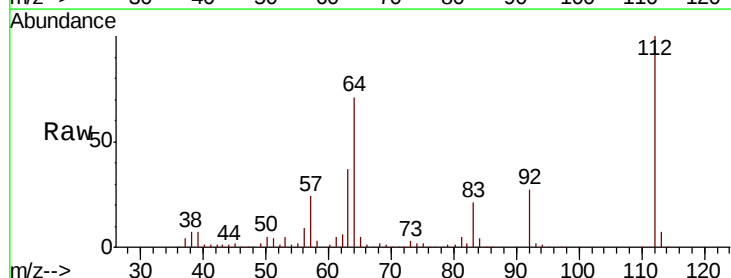
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



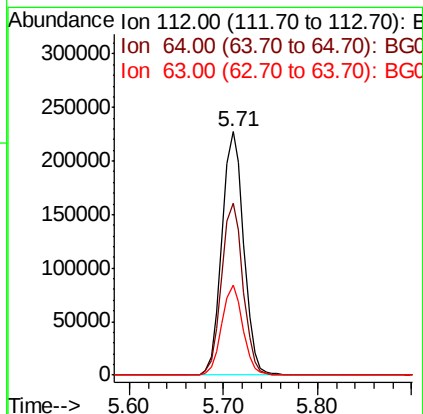
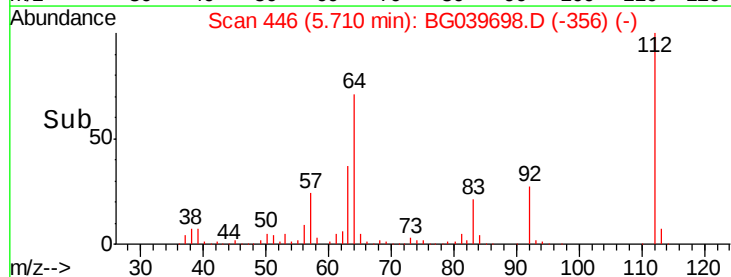
#5

2-Fluorophenol
Concen: 130.843 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039698.D
Acq: 1 Mar 2019 22:18

Tgt Ion:112 Resp: 369066
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.8
63 37.1 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: 117.975 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039698.D

Acq: 1 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

200051

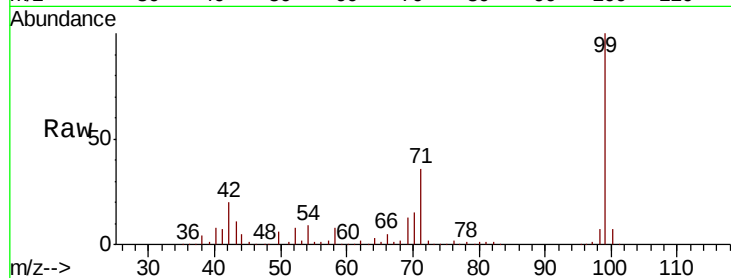
Tot Ion: 99 Resp: 489826

Ion Ratio Lower Upper

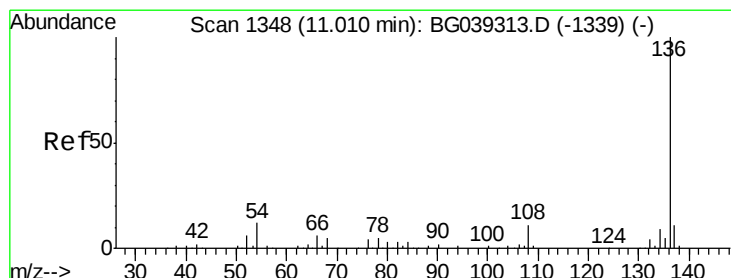
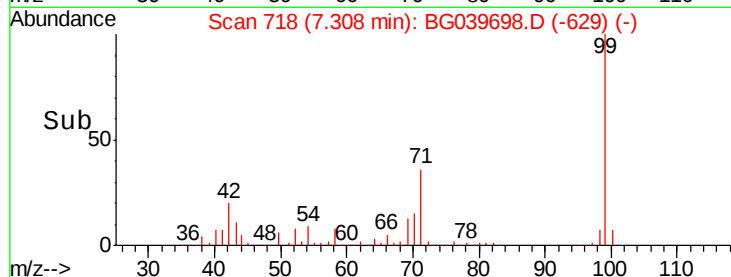
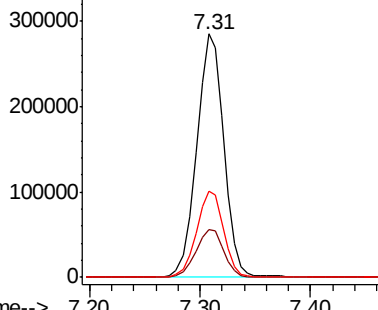
99 100

42 19.9 18.2 27.2

71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG039698.D

Acq: 1 Mar 2019 22:18

Tgt Ion: 136 Resp: 202786

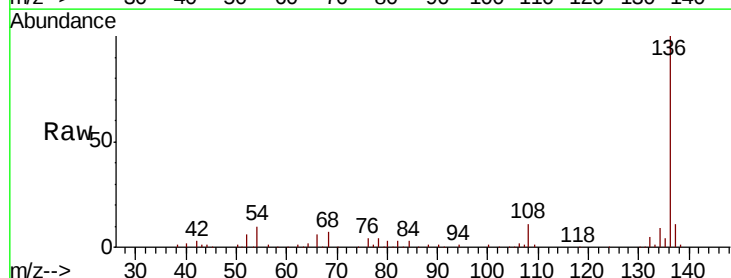
Ion Ratio Lower Upper

136 100

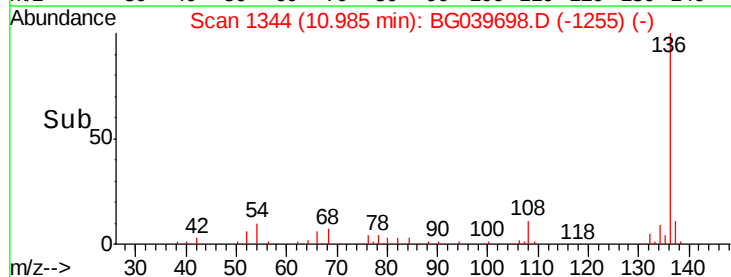
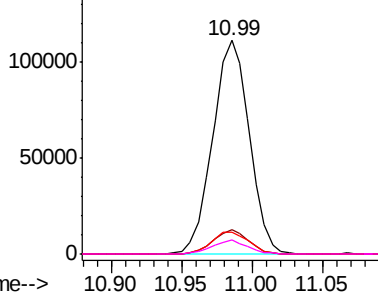
137 11.1 9.1 13.7

54 10.4 9.4 14.2

68 6.5 4.2 6.4#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

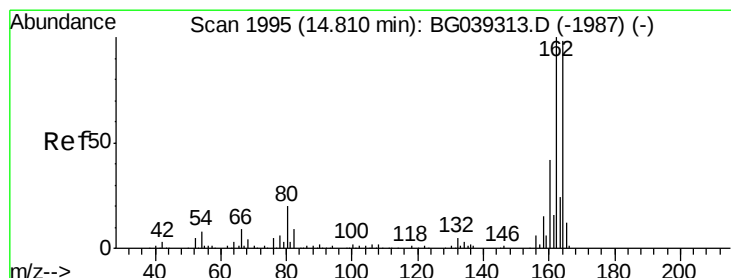
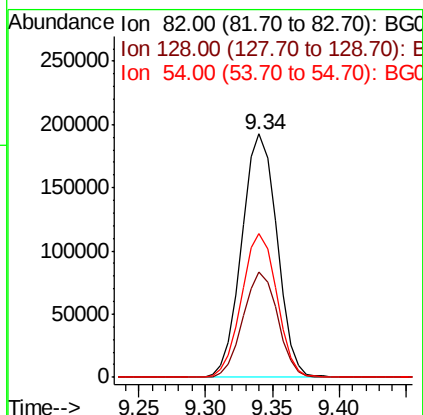
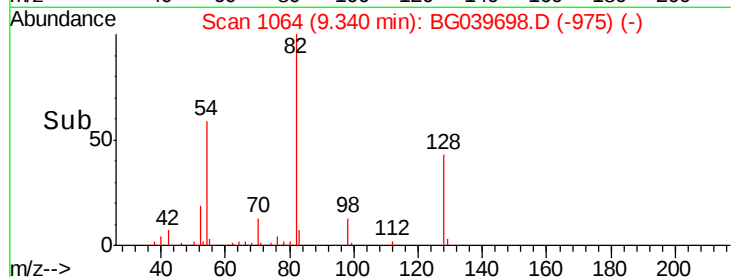
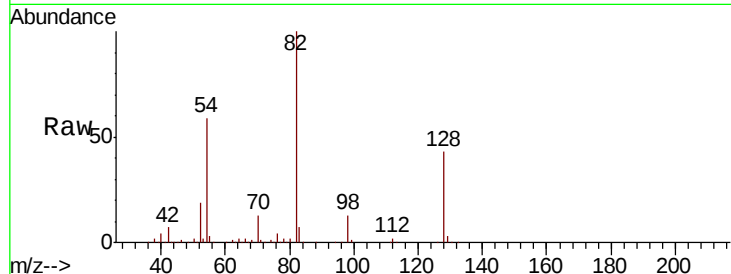




#23
Nitrobenzene-d5
Concen: 108.165 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039698.D
Acq: 1 Mar 2019 22:18

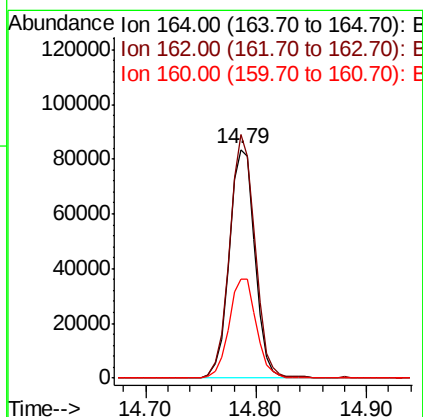
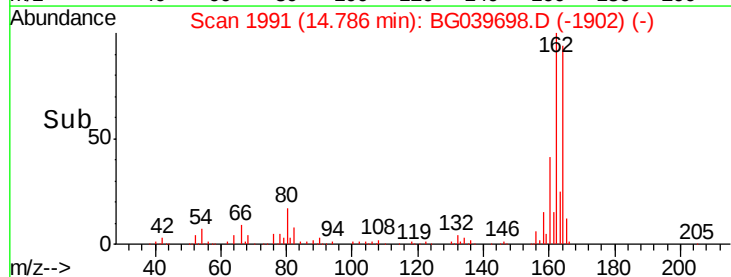
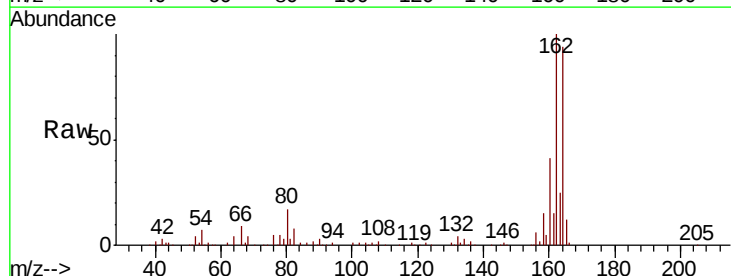
Instrument :
BNA_G
ClientSampleId :
200051

Tot Ion	82	Resp	351108
Ion Ratio	100	Lower	Upper
128	43.4	31.3	46.9
54	59.2	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039698.D
Acq: 1 Mar 2019 22:18

Tgt Ion	164	Resp	136266
Ion Ratio	100	Lower	Upper
162	106.4	81.6	122.4
160	43.4	34.2	51.2

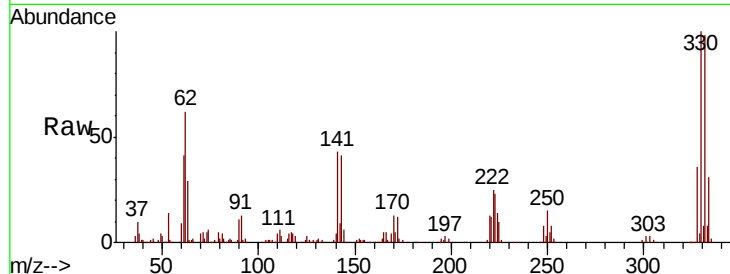




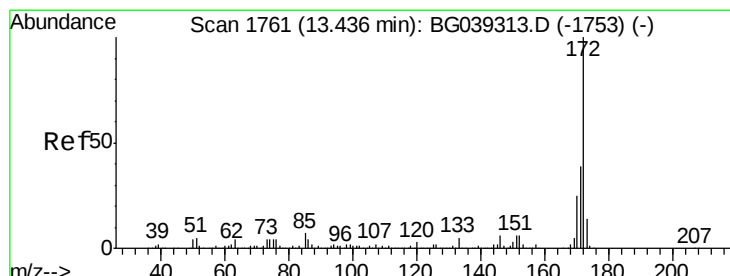
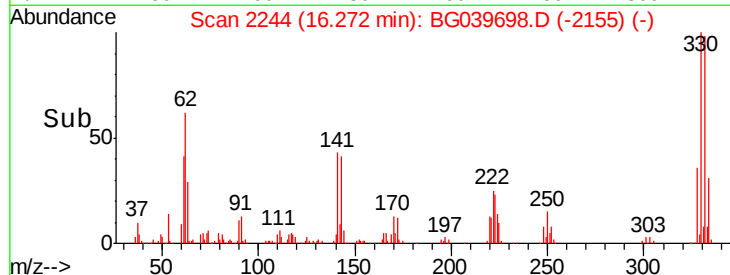
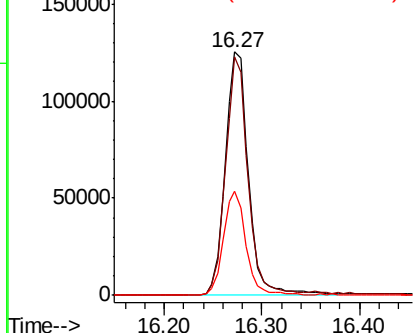
#42
 2,4,6-Tribromophenol
 Concen: 141.316 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039698.D
 Acq: 1 Mar 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 200051

Tot Ion:330 Resp: 207360
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 41.2 35.6 53.4

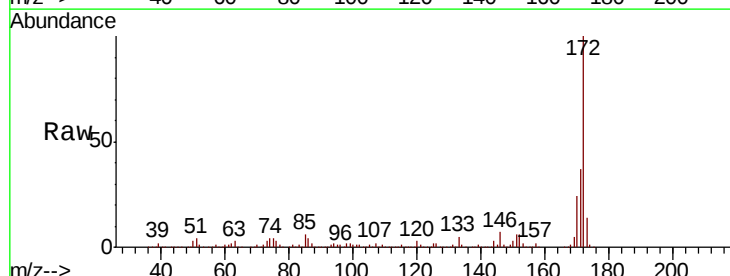


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

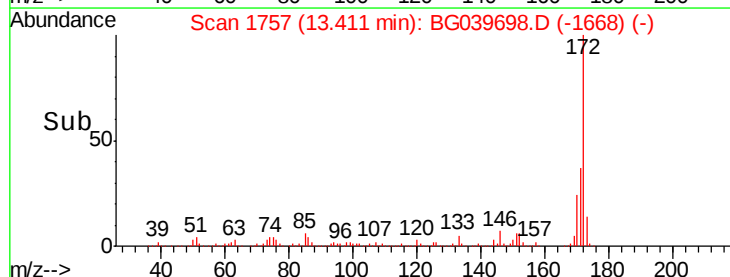
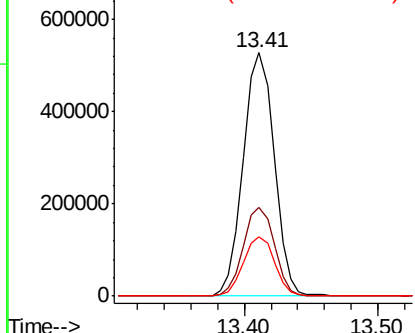


#45
 2-Fluorobiphenyl
 Concen: 89.481 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039698.D
 Acq: 1 Mar 2019 22:18

Tgt Ion:172 Resp: 849969
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 24.5 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# 2458

Delta R.T. -0.00 min

Lab File: BG039698.D

Acq: 1 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

200051

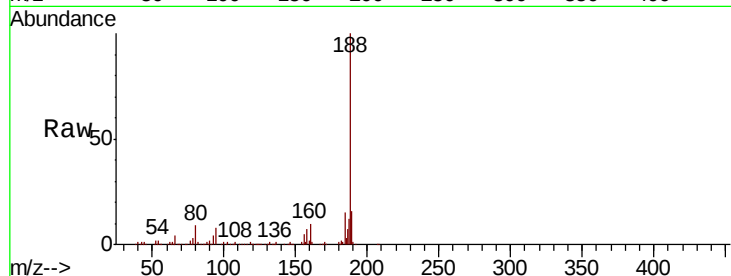
Tot Ion:188 Resp: 339769

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

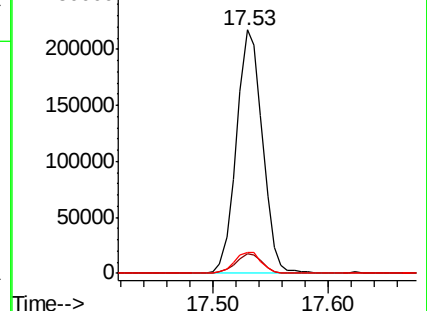
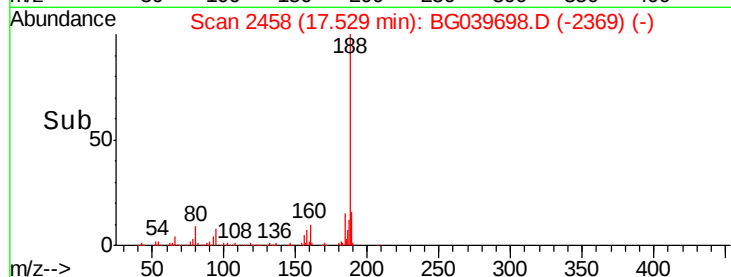
80 8.6 8.1 12.1



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: BG039698.D

Acq: 1 Mar 2019 22:18

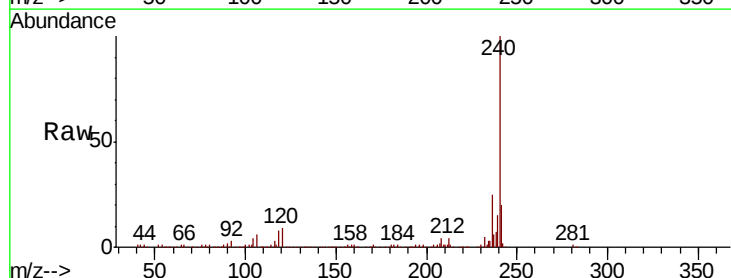
Tgt Ion:240 Resp: 357383

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

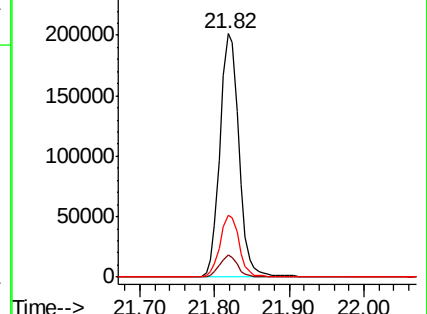
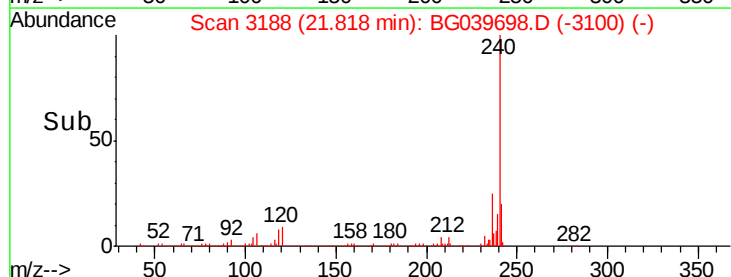
236 25.4 21.0 31.4



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



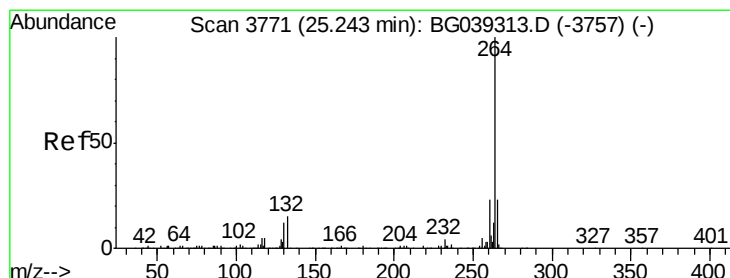
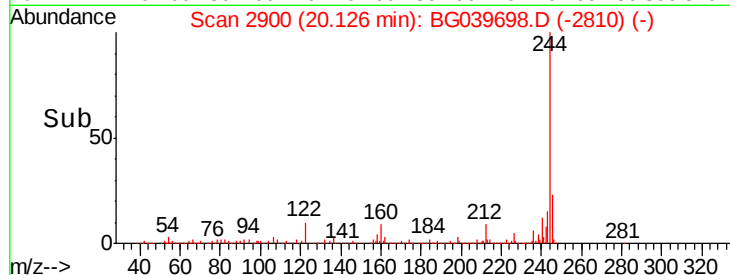
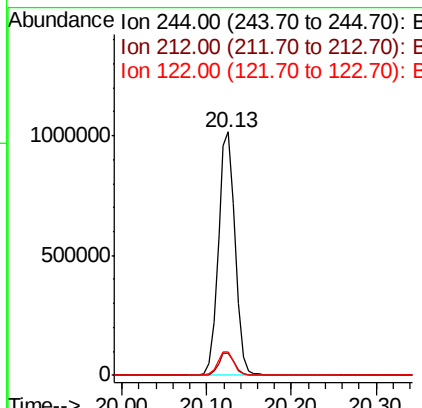
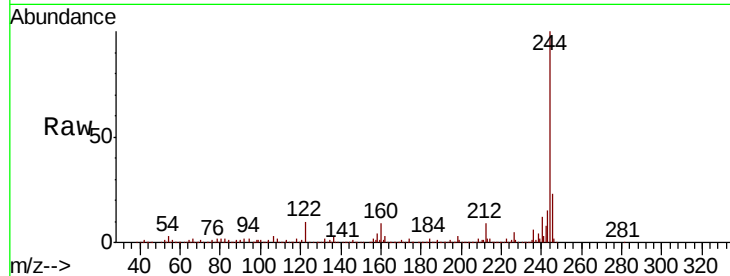


#79
 Terphenyl-d14
 Concen: 83.432 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG039698.D
 Acq: 1 Mar 2019 22:18

Instrument :
 BNA_G
 ClientSampled :
 200051

Tot Ion:244 Resp: 1408673

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.7	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: BG039698.D
 Acq: 1 Mar 2019 22:18

Tgt Ion:264 Resp: 334413

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.8	18.5	27.7

