

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040157.D
 Acq On : 26 Mar 2019 21:38
 Operator : JU/SJ
 Sample : PB118294BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118294BL

Quant Time: Mar 27 02:19:40 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	8.14	152	35596	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142874	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	100945	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	262594	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	270075	20.00	ng	-0.04
87) Perylene-d12	25.15	264	261021	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	177782	85.21	ng	-0.02
7) Phenol-d6	7.28	99	248094	79.74	ng	-0.03
23) Nitrobenzene-d5	9.31	82	218706	82.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	56687	48.18	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	576548	81.32	ng	-0.03
79) Terphenyl-d14	20.10	244	934302	76.17	ng	-0.02

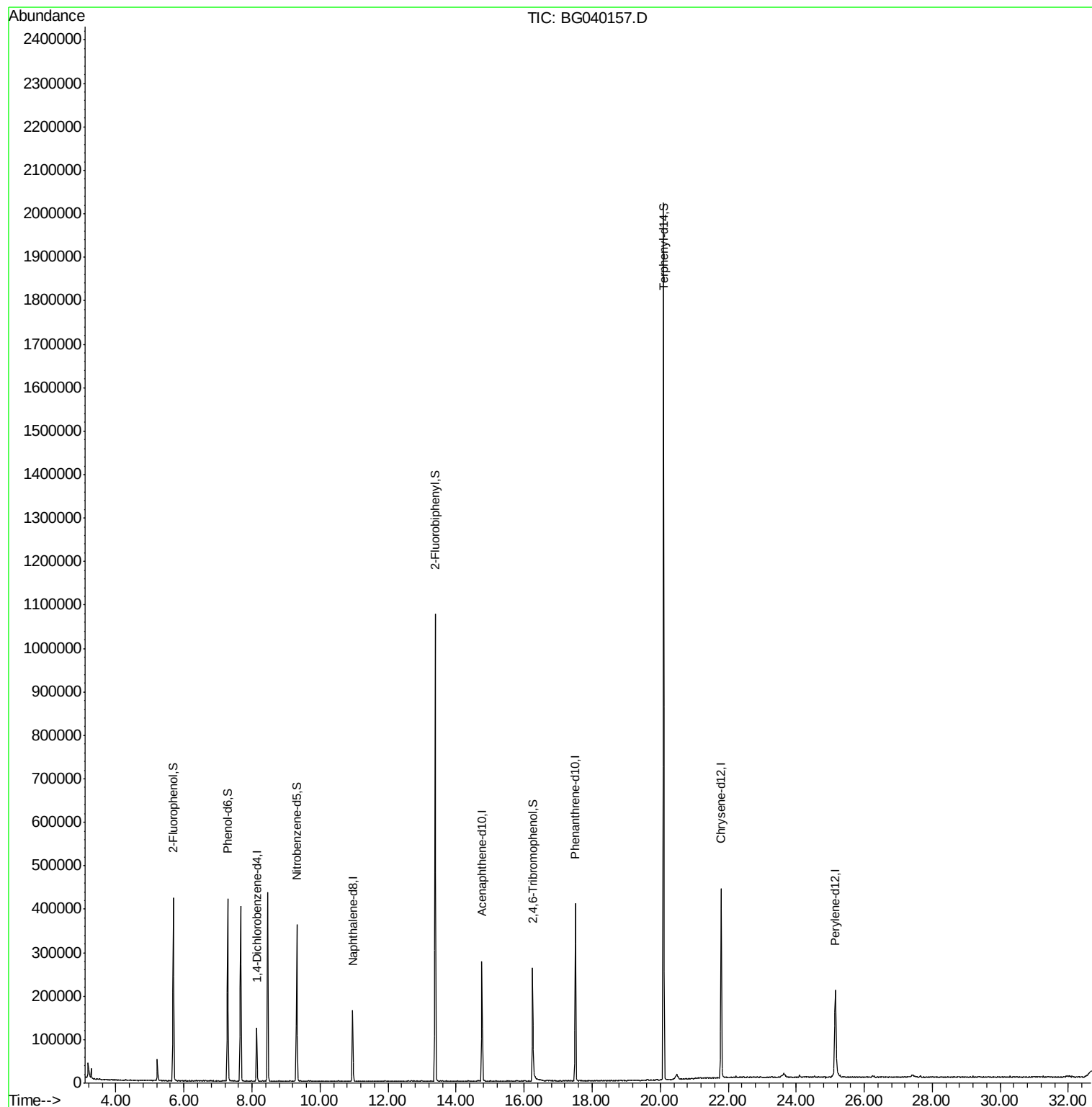
Target Compounds Qvalue

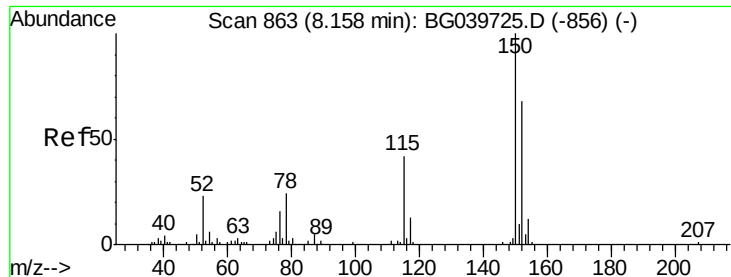
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

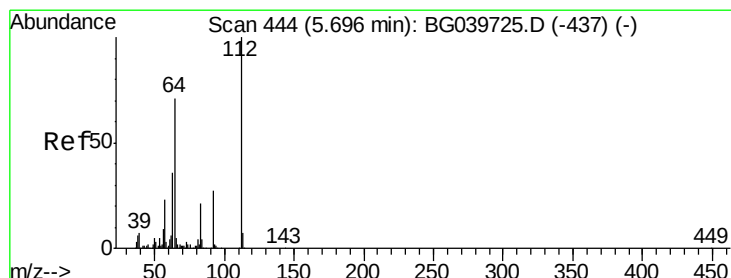
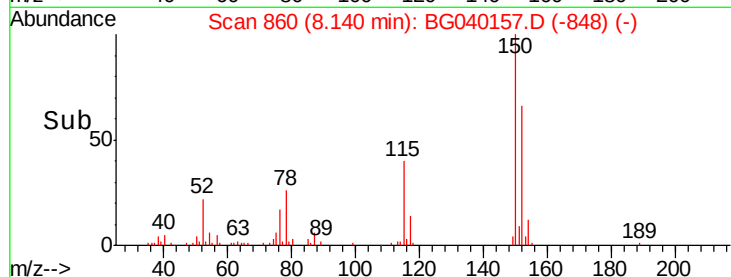
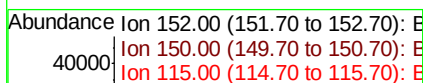
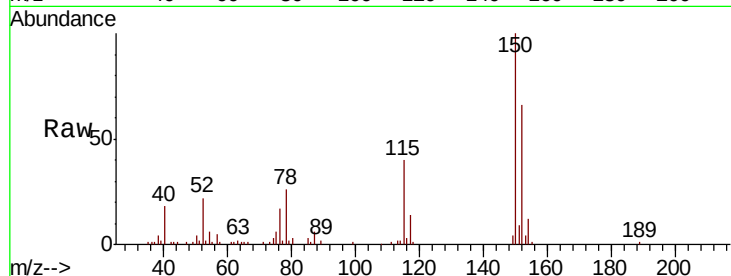
Tot Ion:152 Resp: 35596

Ion Ratio Lower Upper

152 100

150 151.1 123.7 185.5

115 60.7 45.9 68.9



#5

2-Fluorophenol

Concen: 85.206 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

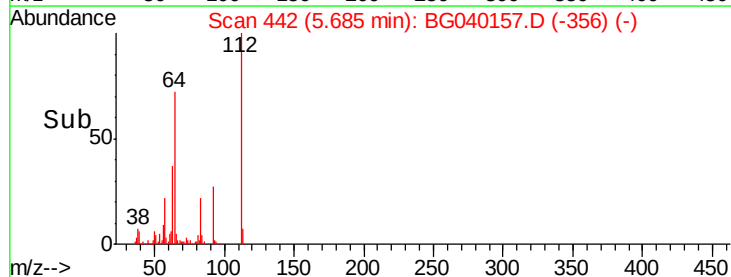
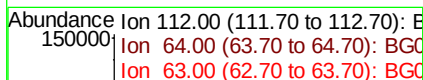
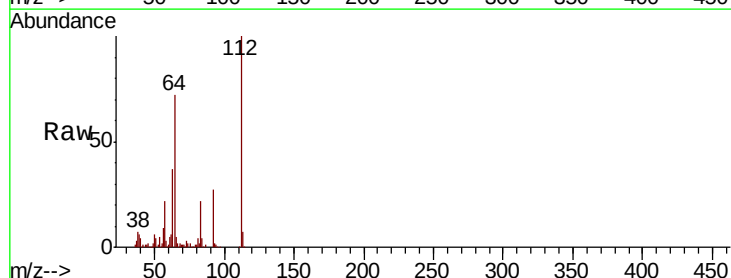
Tgt Ion:112 Resp: 177782

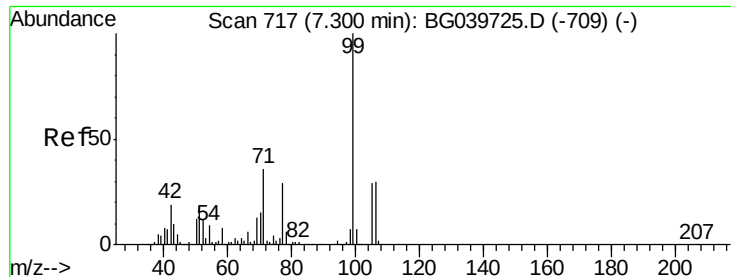
Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

63 36.9 29.8 44.6





#7

Phenol-d6

Concen: 79.745 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

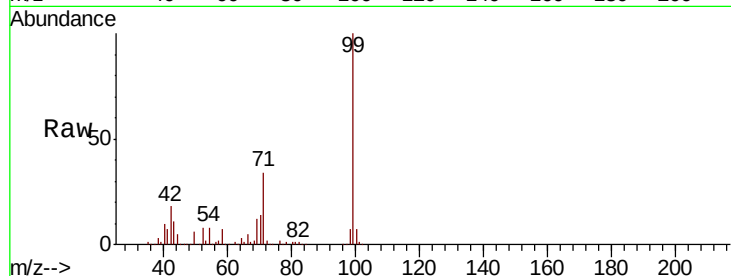
Tot Ion: 99 Resp: 248094

Ion Ratio Lower Upper

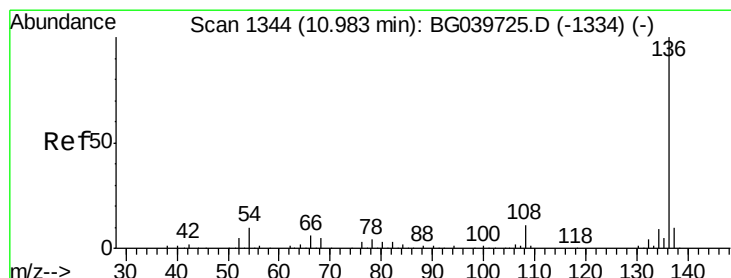
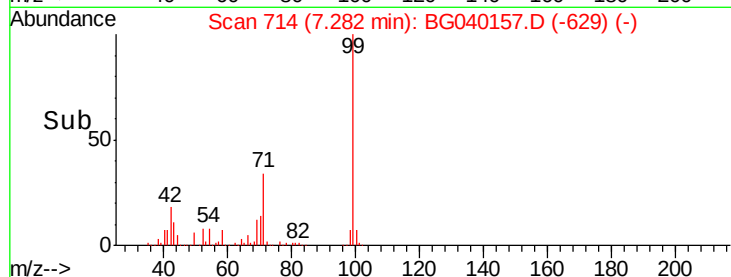
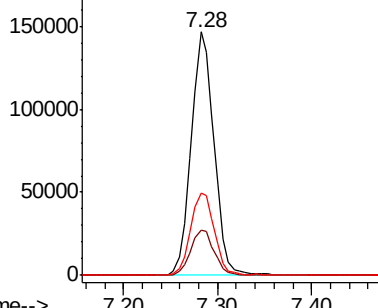
99 100

42 18.3 18.2 27.2

71 33.9 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Tgt Ion: 136 Resp: 142874

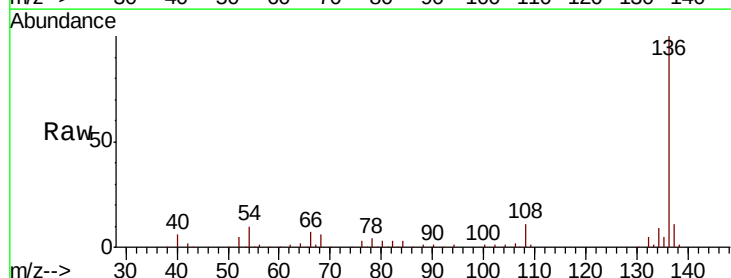
Ion Ratio Lower Upper

136 100

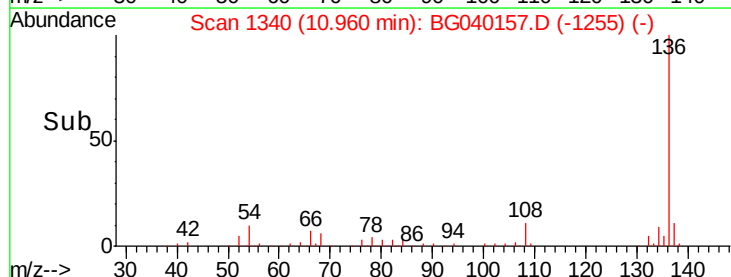
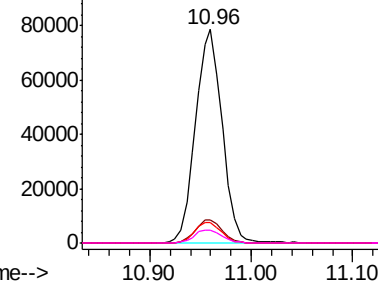
137 11.1 9.1 13.7

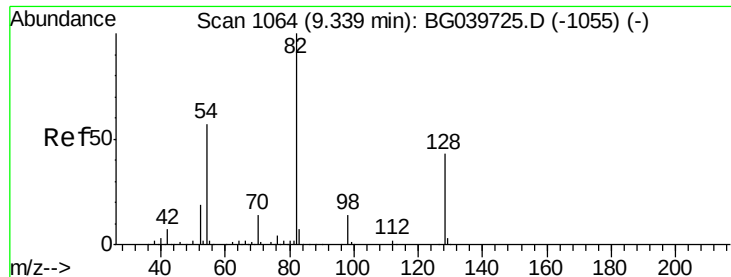
54 9.5 9.4 14.2

68 5.9 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

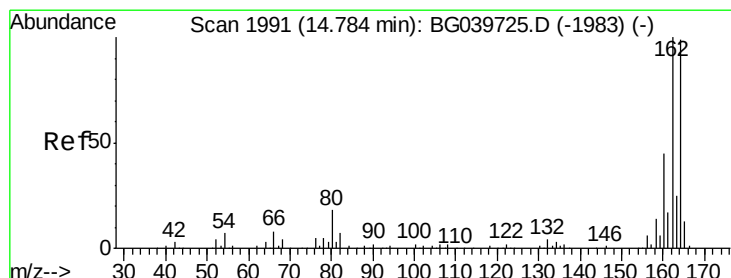
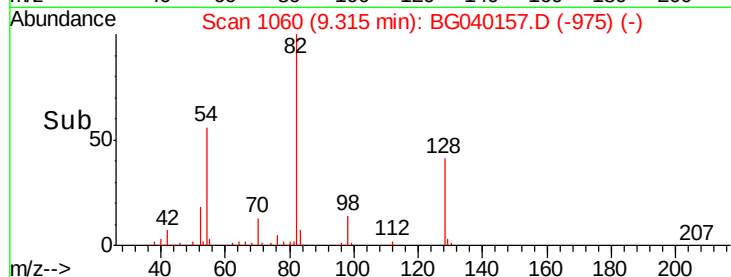
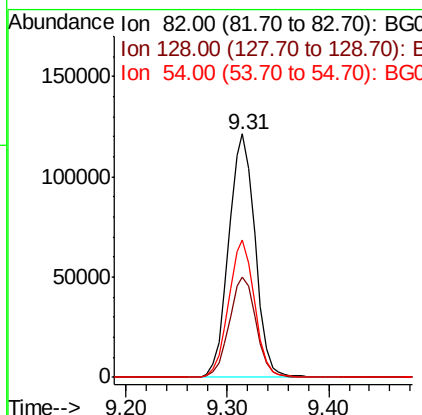
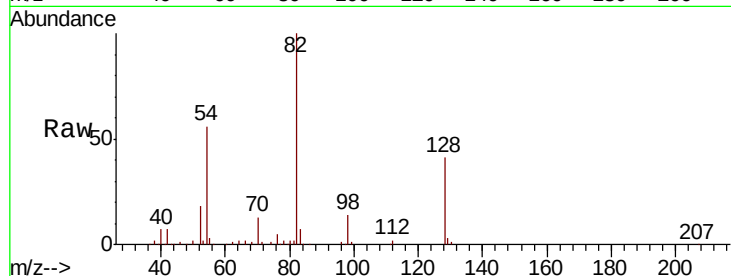




#23
 Nitrobenzene-d5
 Concen: 82.790 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040157.D
 Acq: 26 Mar 2019 21:38

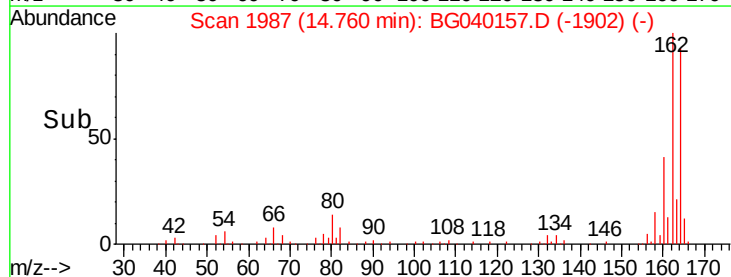
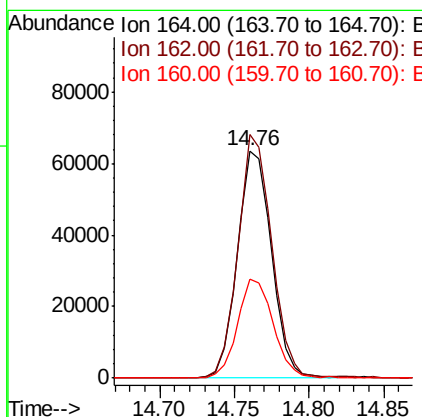
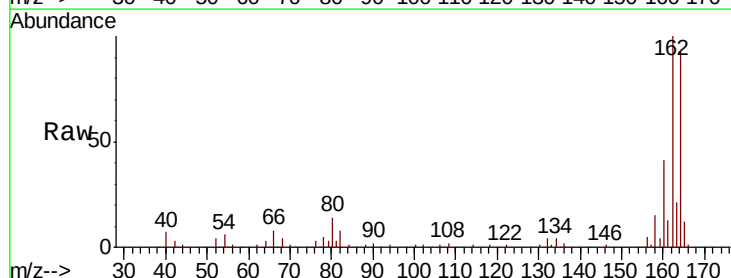
Instrument :
 BNA_G
 ClientSampleId :
 PB118294BL

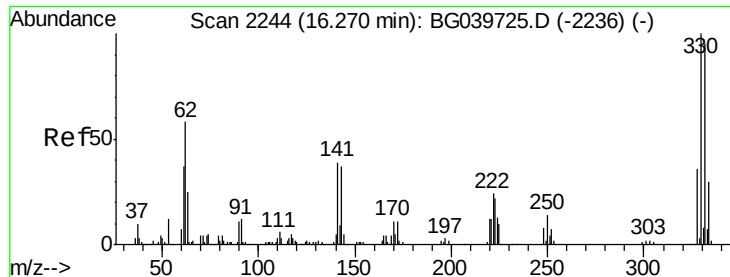
Tot Ion	82	Resp	218706
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.3	46.9
54	56.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040157.D
 Acq: 26 Mar 2019 21:38

Tgt Ion	164	Resp	100945
Ion Ratio	Lower	Upper	
164	100		
162	107.1	81.6	122.4
160	43.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 48.179 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

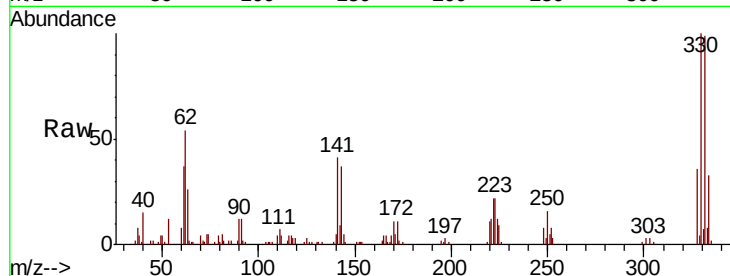
Tot Ion:330 Resp: 56687

Ion Ratio Lower Upper

330 100

332 100.1 75.7 113.5

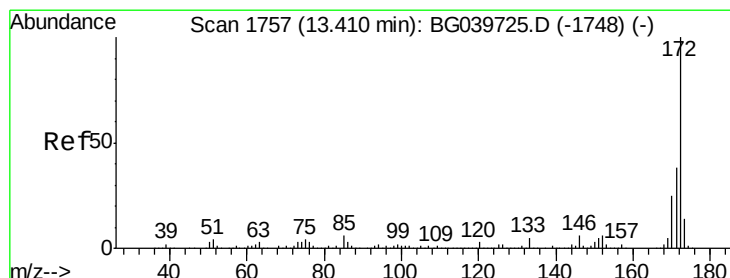
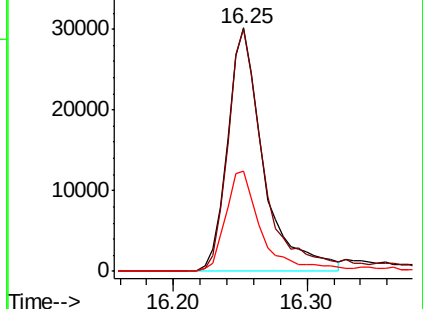
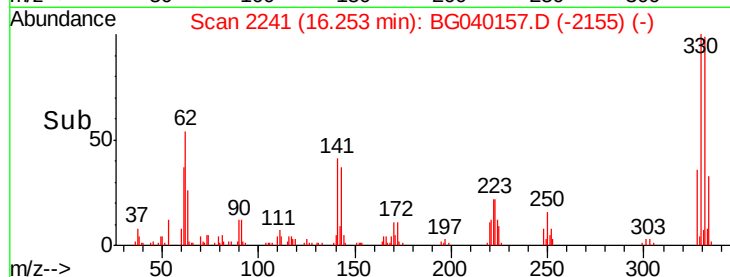
141 41.0 35.6 53.4



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: 81.322 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

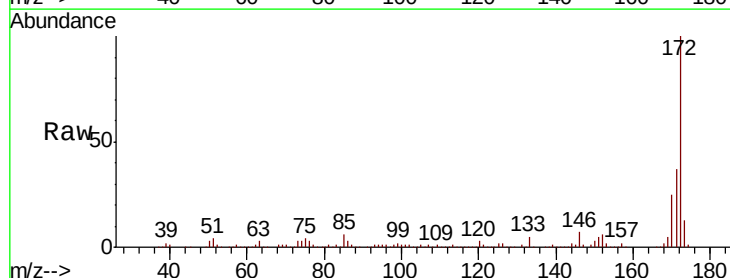
Tgt Ion:172 Resp: 576548

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

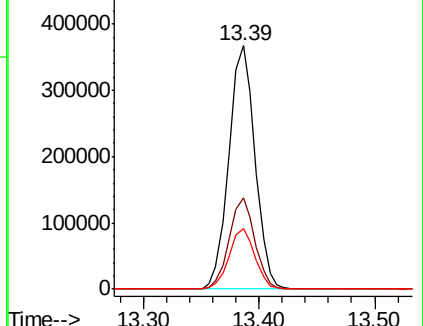
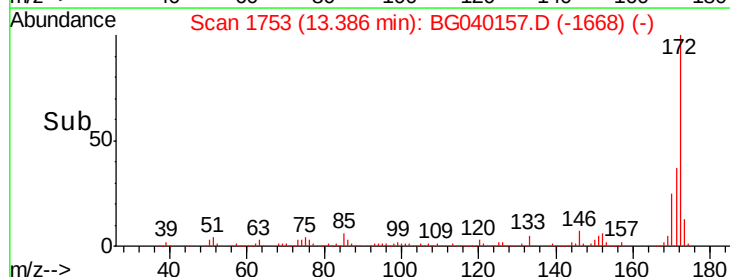
170 24.8 20.2 30.4

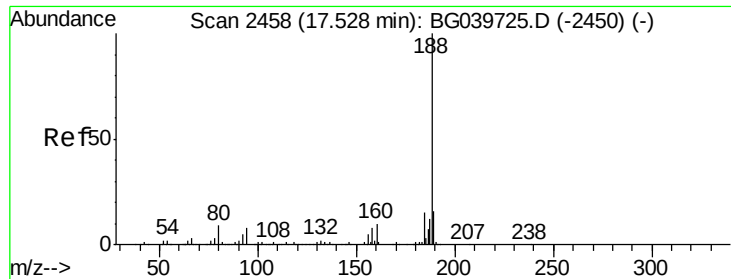


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

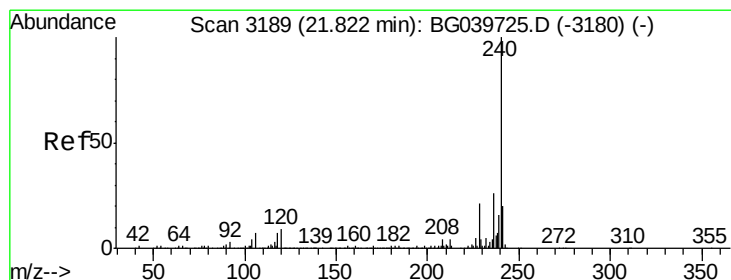
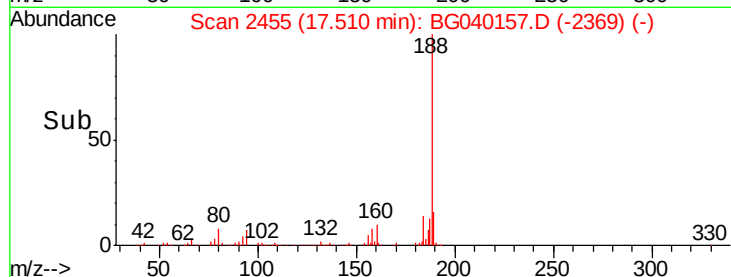
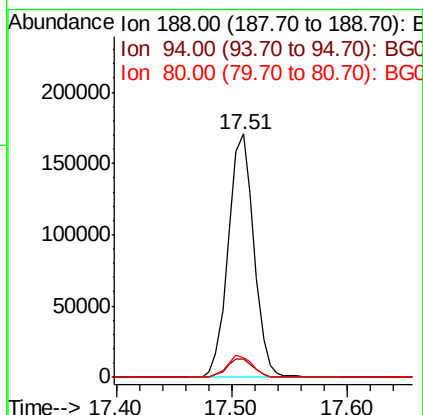
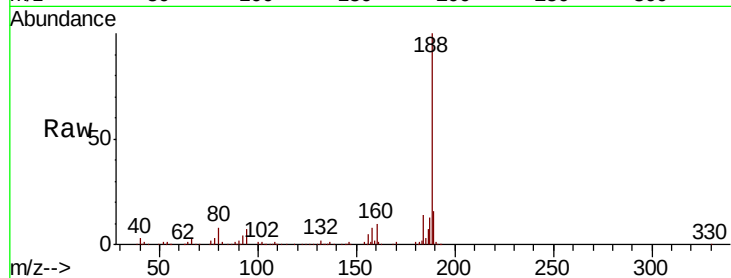




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

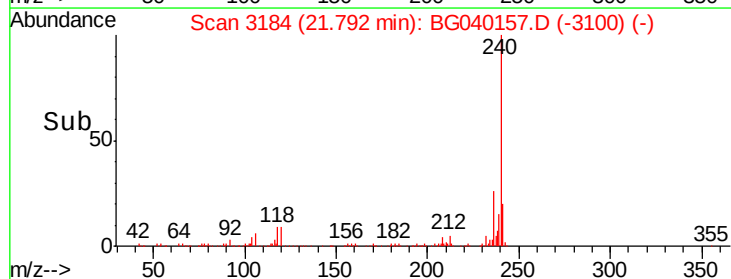
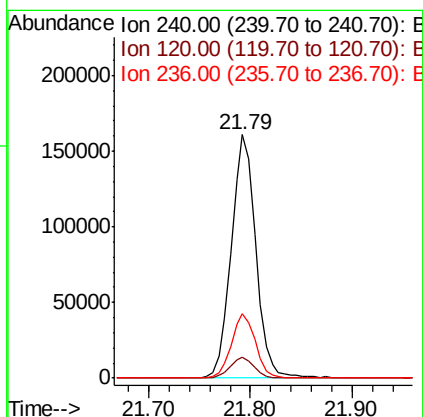
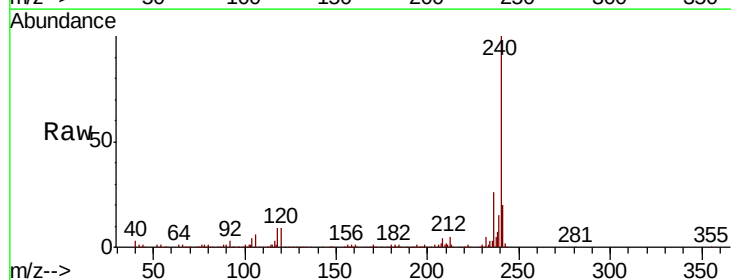
Instrument :
BNA_G
ClientSampleId :
PB118294BL

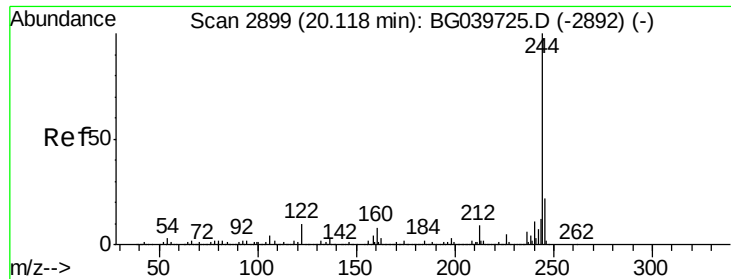
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.0	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040157.D
Acq: 26 Mar 2019 21:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.3	21.0	31.4





#79

Terphenyl-d14

Concen: 76.170 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

Instrument :

BNA_G

ClientSampleId :

PB118294BL

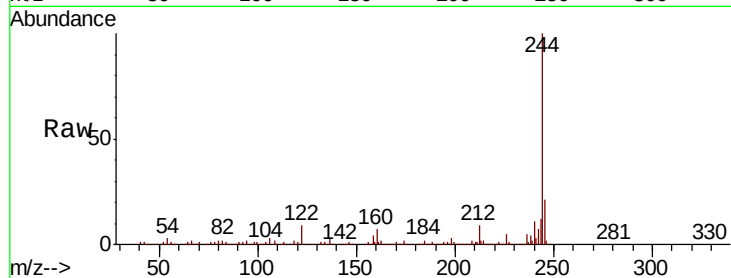
Tot Ion:244 Resp: 934302

Ion Ratio Lower Upper

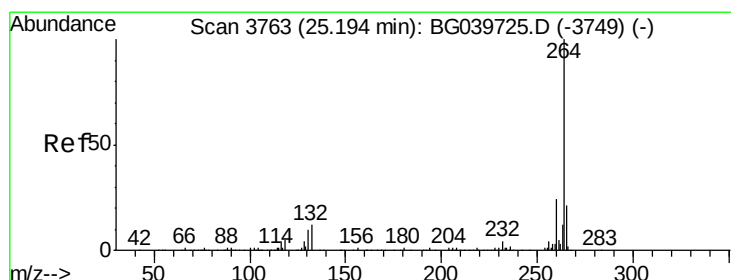
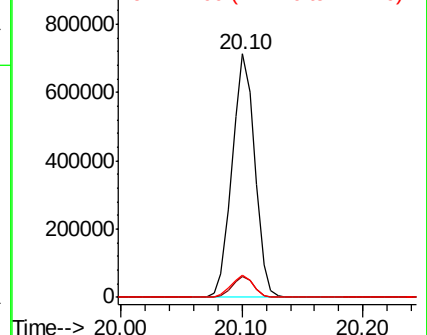
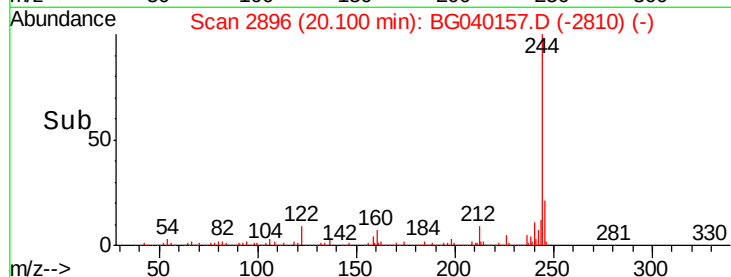
244 100

212 8.8 7.3 10.9

122 8.9 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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040157.D

Acq: 26 Mar 2019 21:38

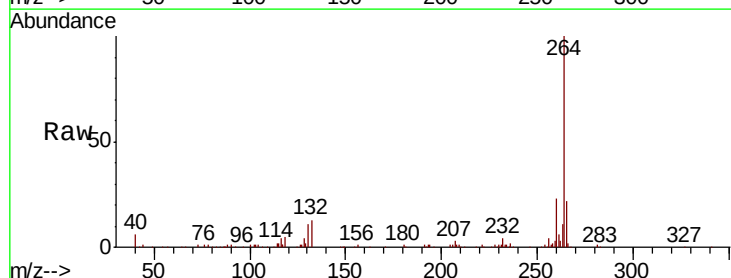
Tgt Ion:264 Resp: 261021

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.0 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

