

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041196.D
 Acq On : 11 Jun 2019 19:55
 Operator : HP/JU
 Sample : PB120503BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BL

Quant Time: Jun 12 03:29:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37786	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166720	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	129392	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	322593	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318044	20.00	ng	0.00
87) Perylene-d12	25.09	264	292308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	316042	150.82	ng	0.00
7) Phenol-d6	7.26	99	474155	146.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	329742	87.80	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	261051	135.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	849442	94.54	ng	0.00
79) Terphenyl-d14	20.08	244	1484489	99.06	ng	0.00

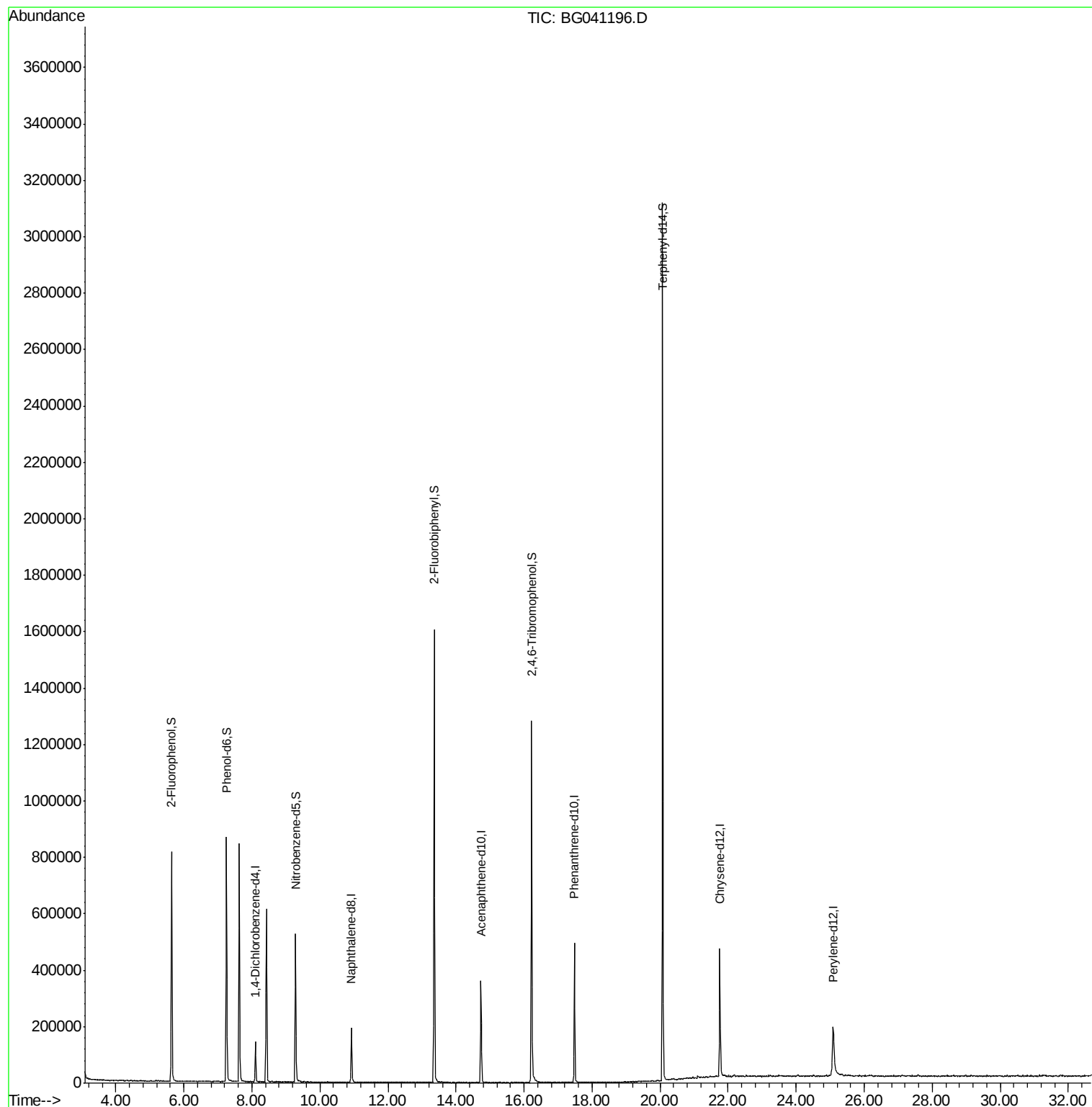
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

Instrument :

BNA_G

ClientSampleId :

PB120503BL

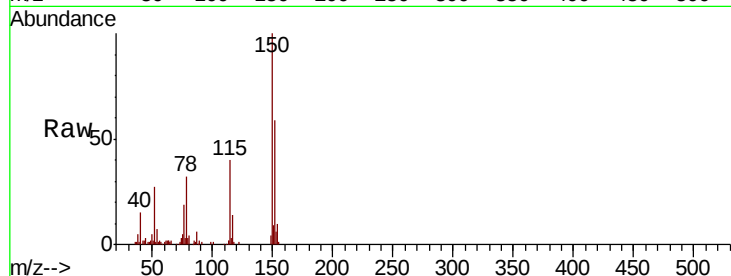
Tot Ion:152 Resp: 37786

Ion Ratio Lower Upper

152 100

150 170.0 120.6 180.8

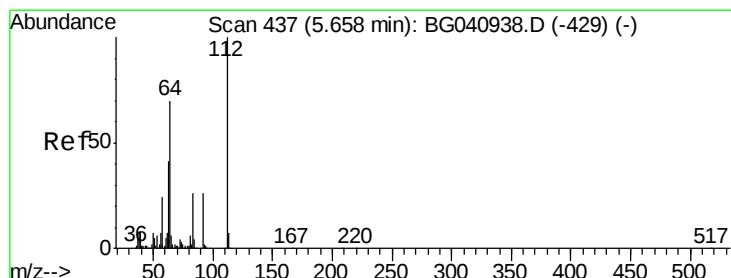
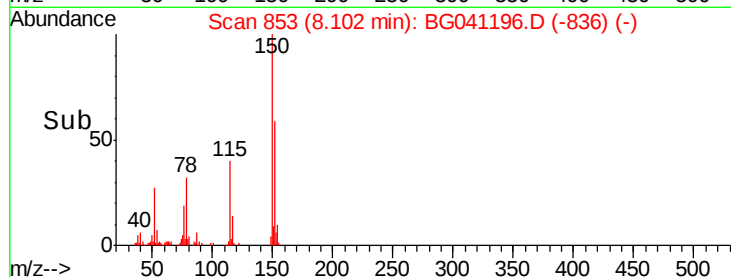
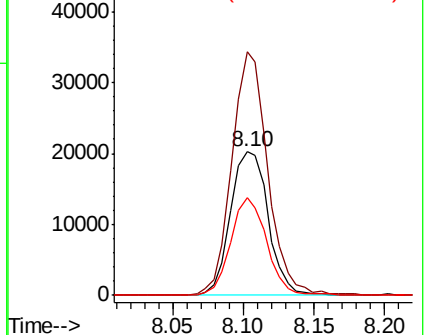
115 68.2 45.1 67.7#



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: 150.821 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

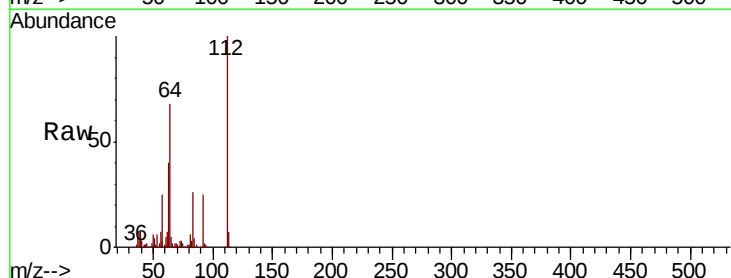
Tgt Ion:112 Resp: 316042

Ion Ratio Lower Upper

112 100

64 67.9 56.2 84.2

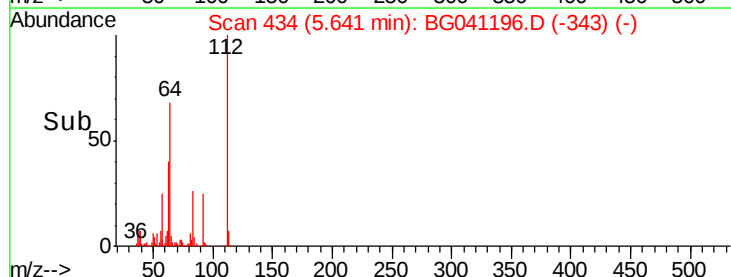
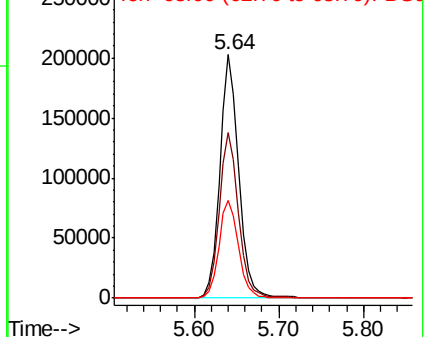
63 39.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.513 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

Instrument :

BNA_G

ClientSampleId :

PB120503BL

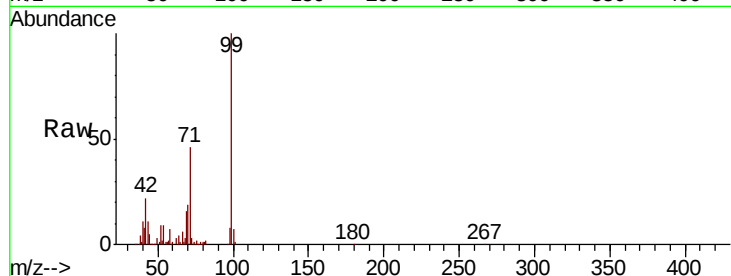
Tot Ion: 99 Resp: 474155

Ion Ratio Lower Upper

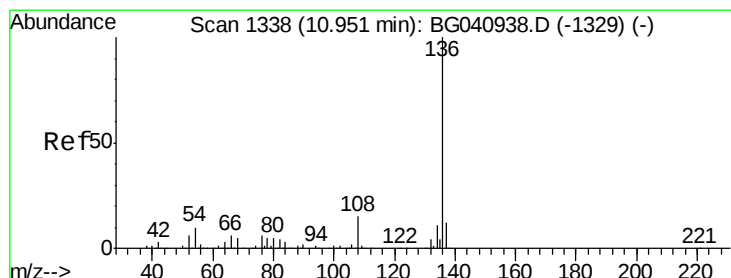
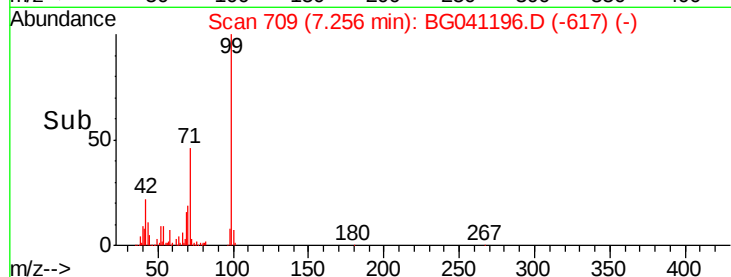
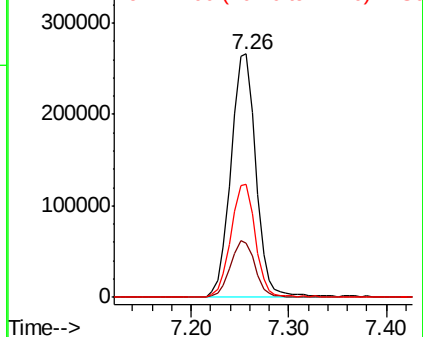
99 100

42 22.1 17.9 26.9

71 46.3 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

Tgt Ion: 136 Resp: 166720

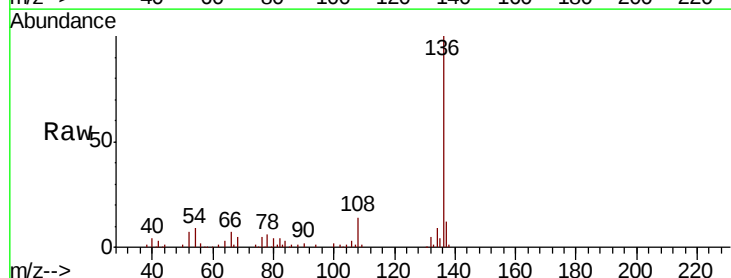
Ion Ratio Lower Upper

136 100

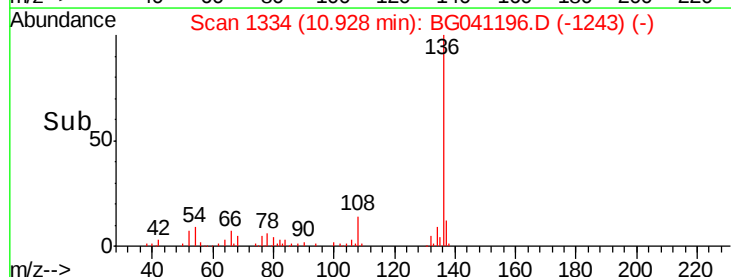
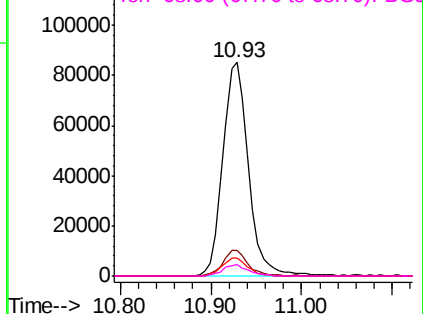
137 11.8 9.5 14.3

54 8.6 7.6 11.4

68 5.4 3.9 5.9



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

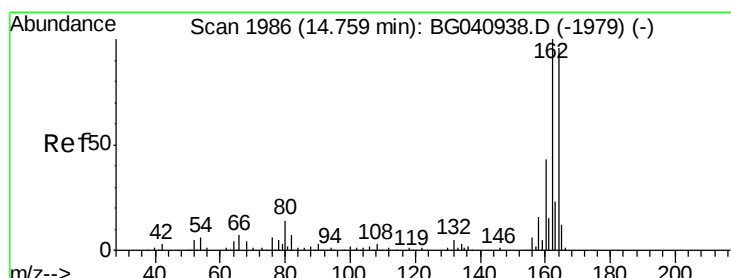
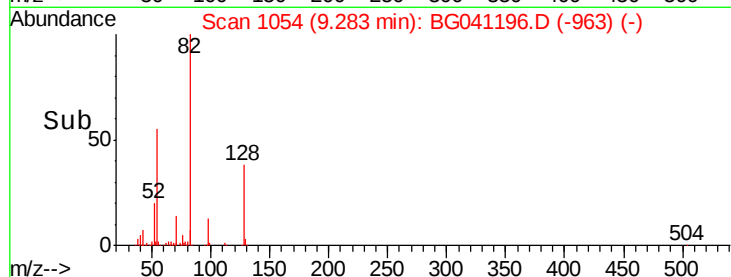
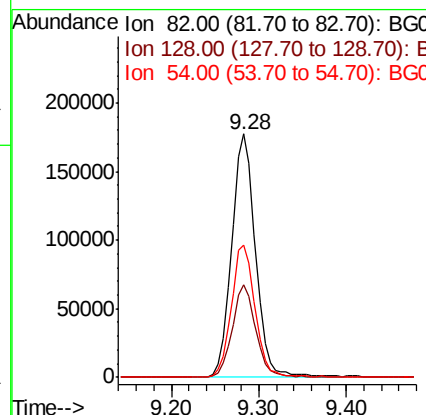
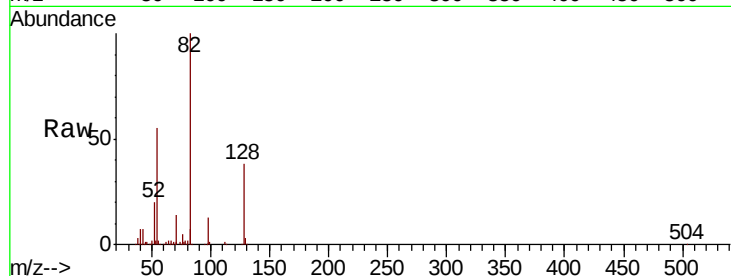




#23
Nitrobenzene-d5
Concen: 87.803 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

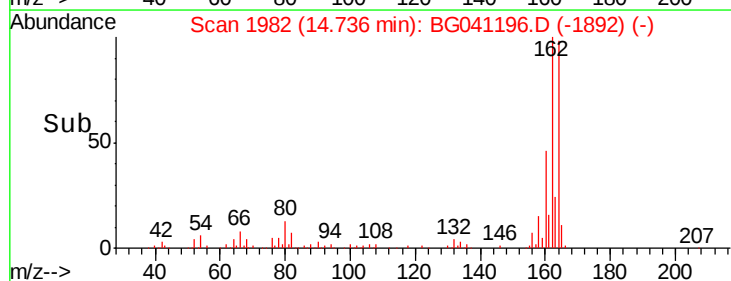
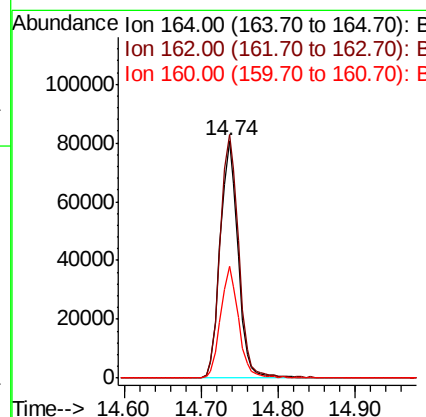
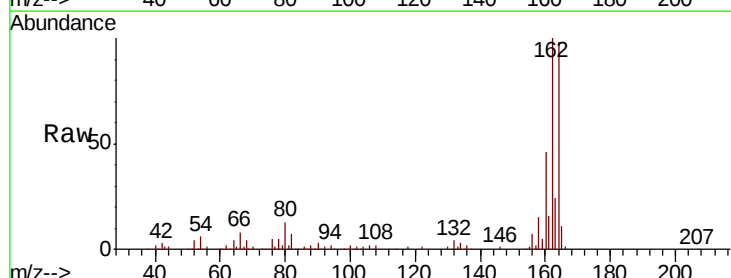
Instrument :
BNA_G
ClientSampleId :
PB120503BL

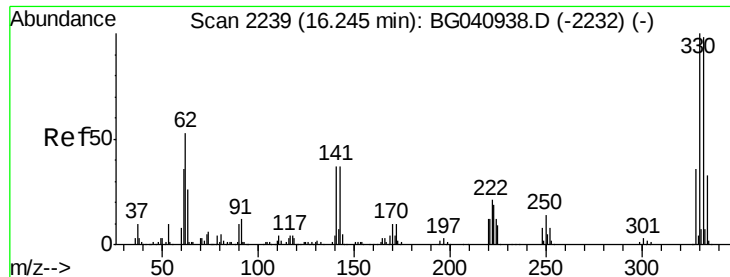
Tot Ion	82	Resp	329742
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.5	45.7
54	54.6	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion	164	Resp	129392
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.0	124.4
160	47.2	35.6	53.4

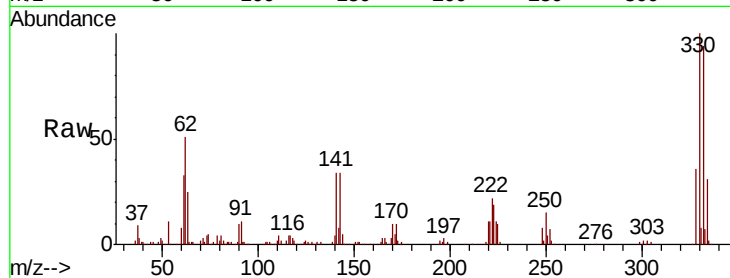




#42
 2,4,6-Tribromophenol
 Concen: 135.899 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041196.D
 Acq: 11 Jun 2019 19:55

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.6	28.7	43.1

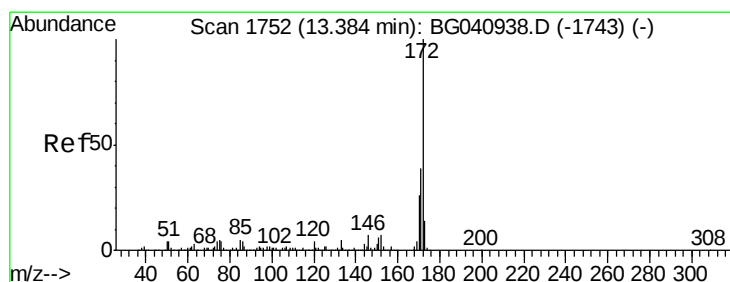
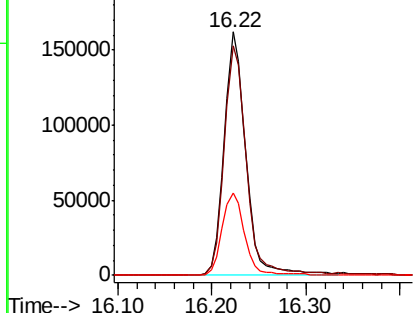
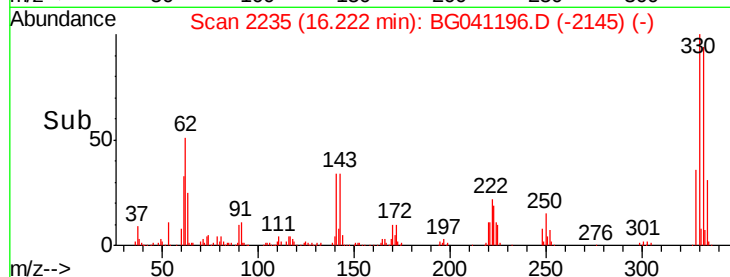


Abundance

Ion 329.80 (329.50 to 330.50): E

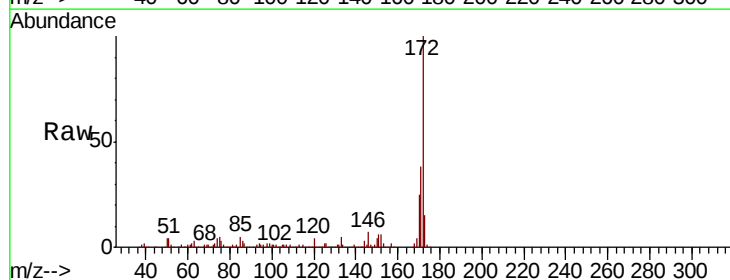
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.541 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041196.D
 Acq: 11 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.1	20.5	30.7

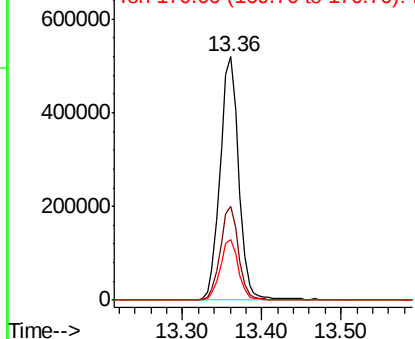
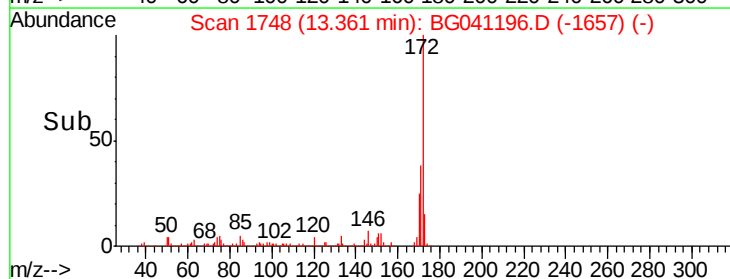


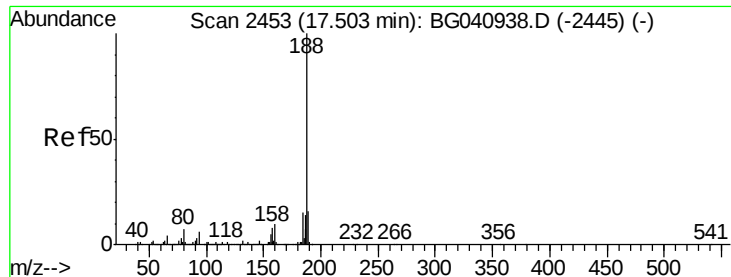
Abundance

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

Instrument :

BNA_G

ClientSampleId :

PB120503BL

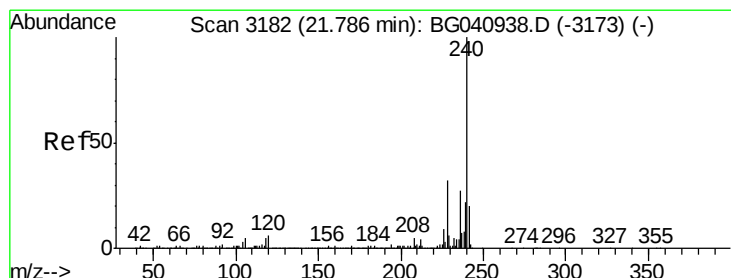
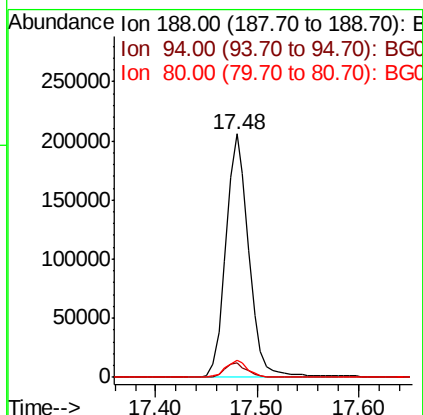
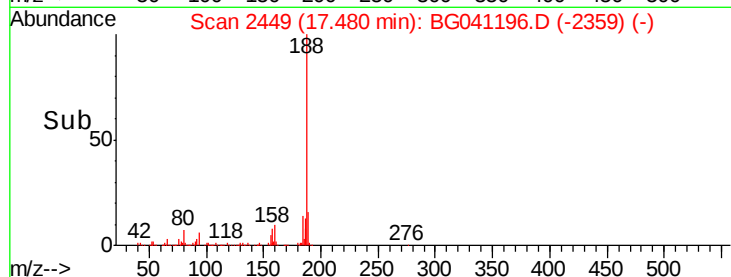
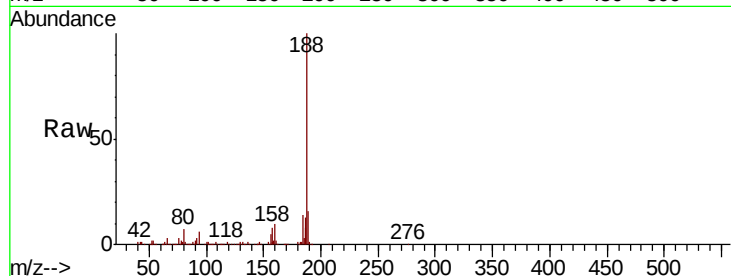
Tot Ion:188 Resp: 322593

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

80 6.8 5.8 8.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

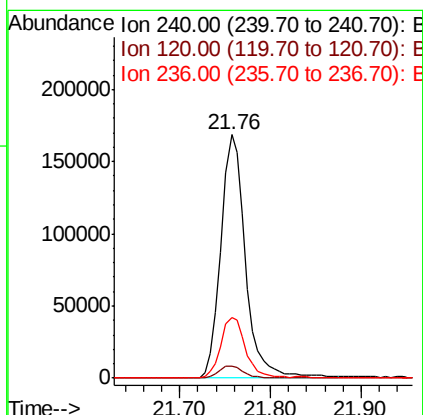
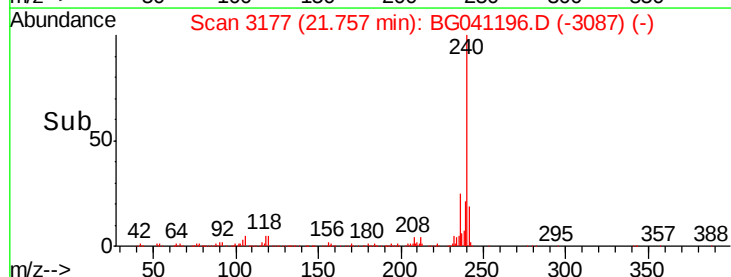
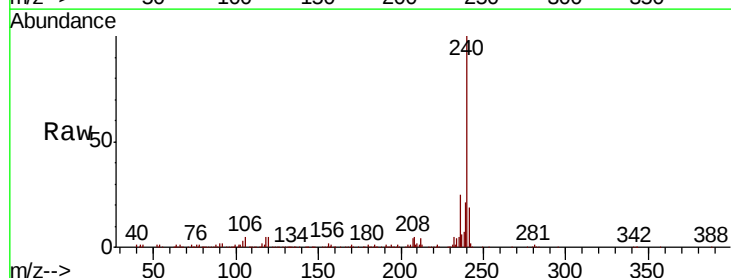
Tgt Ion:240 Resp: 318044

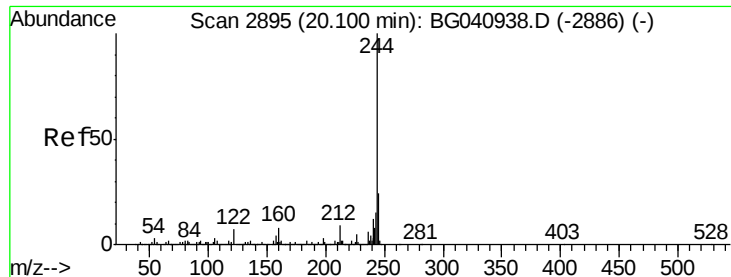
Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

236 25.1 21.3 31.9





#79

Terphenyl-d14

Concen: 99.062 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

Instrument :

BNA_G

ClientSampled :

PB120503BL

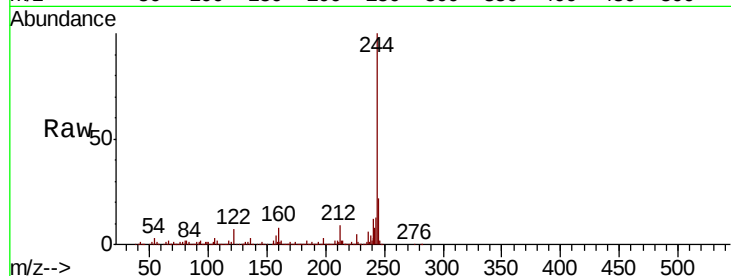
Tot Ion:244 Resp: 1484489

Ion Ratio Lower Upper

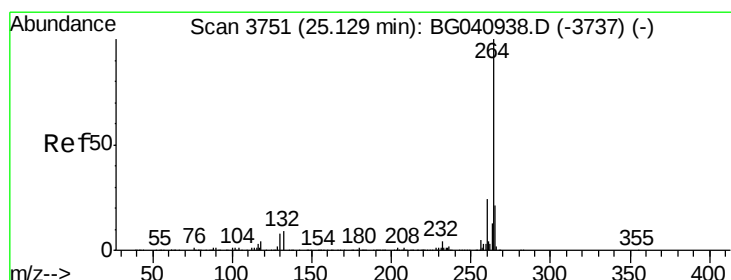
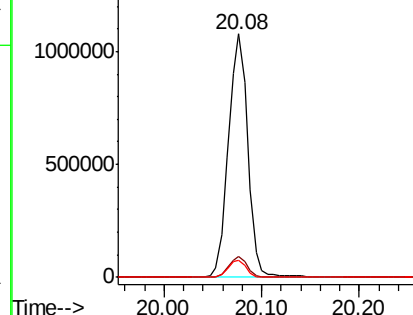
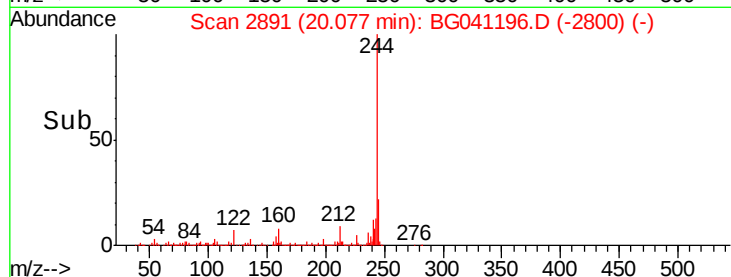
244 100

212 8.7 7.0 10.4

122 7.2 5.4 8.0



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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041196.D

Acq: 11 Jun 2019 19:55

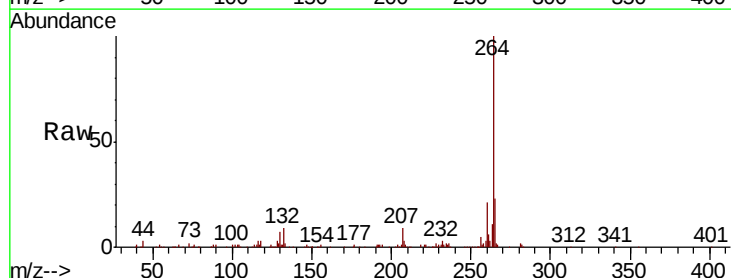
Tgt Ion:264 Resp: 292308

Ion Ratio Lower Upper

264 100

260 21.0 19.0 28.4

265 22.7 17.0 25.4



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

