

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040980.D
 Acq On : 31 May 2019 16:03
 Operator : HP/JU
 Sample : PB119288BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119288BL

Quant Time: Jun 01 05:44:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57342	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	226063	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	171862	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	460818	20.00	ng	0.00
76) Chrysene-d12	21.78	240	471105	20.00	ng	0.00
87) Perylene-d12	25.11	264	483047	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	411389	129.37	ng	0.00
7) Phenol-d6	7.27	99	589718	120.08	ng	0.00
23) Nitrobenzene-d5	9.30	82	401367	78.82	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	295230	115.71	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	952688	79.83	ng	0.00
79) Terphenyl-d14	20.09	244	1813581	81.70	ng	0.00

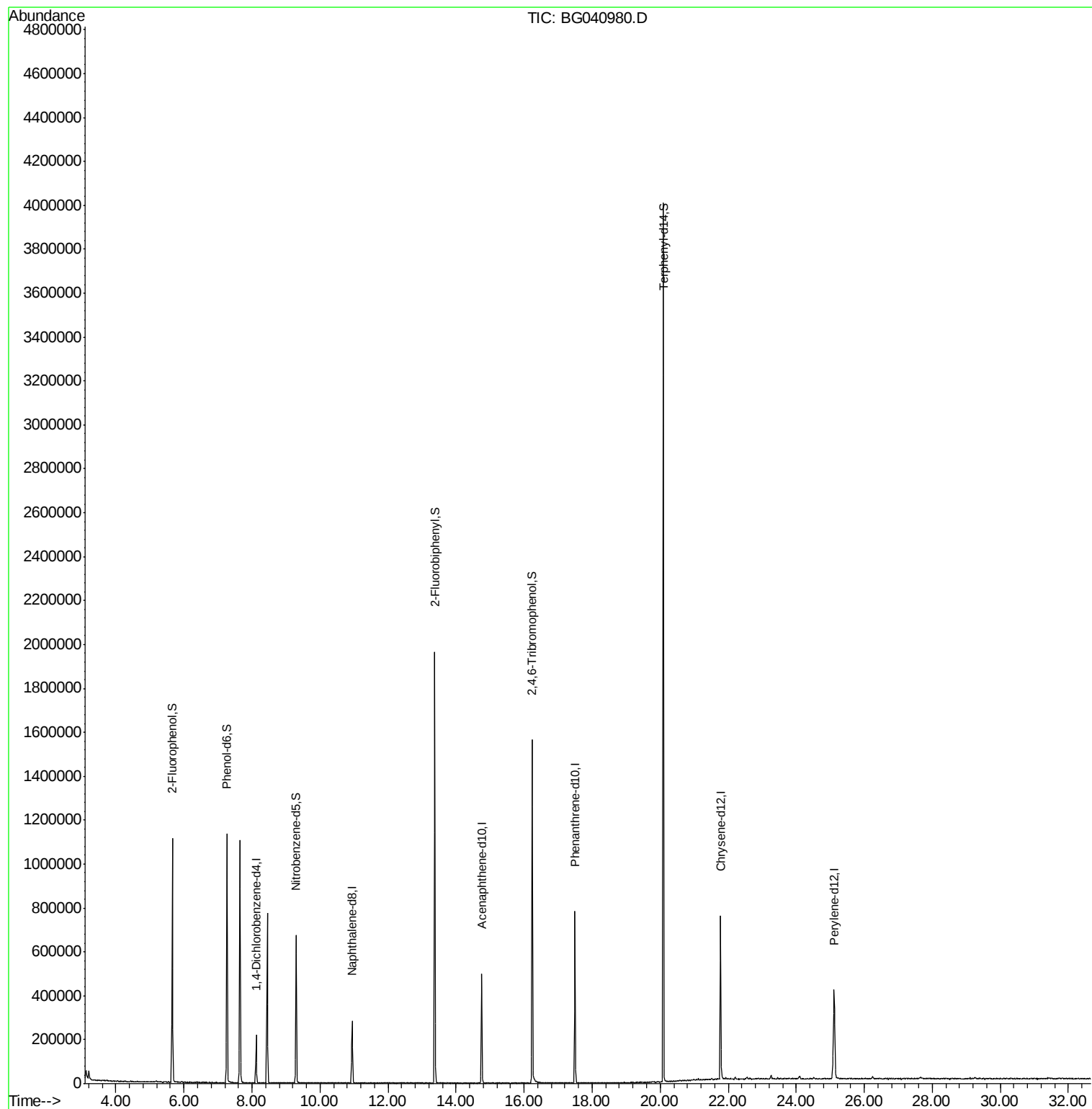
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119288BL

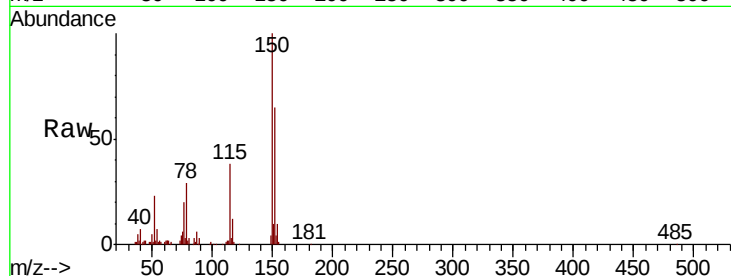
Tot Ion:152 Resp: 57342

Ion Ratio Lower Upper

152 100

150 153.2 120.6 180.8

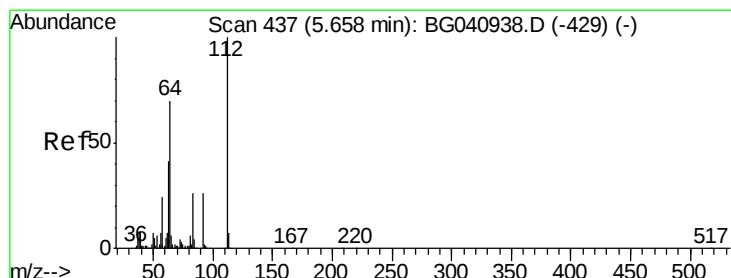
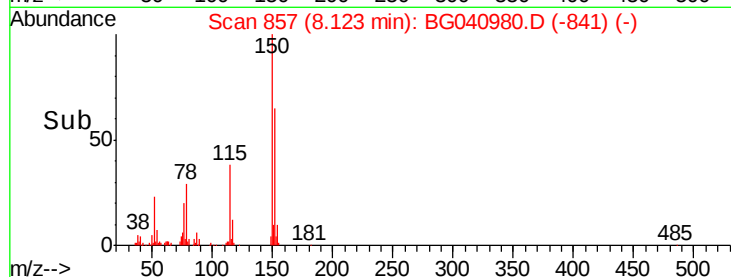
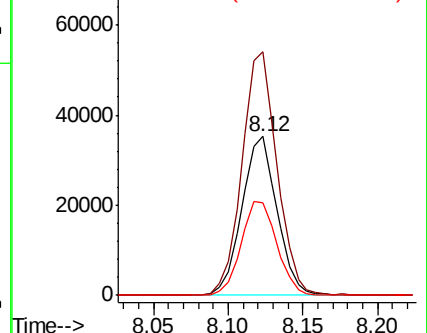
115 58.0 45.1 67.7



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: 129.368 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

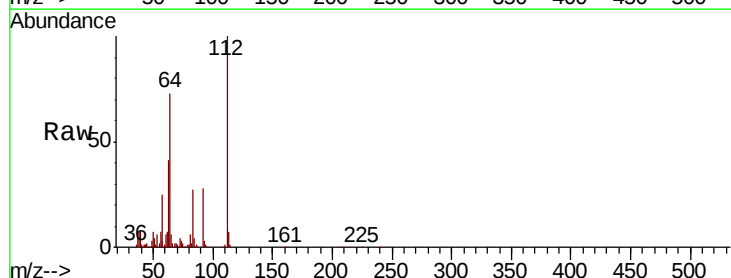
Tgt Ion:112 Resp: 411389

Ion Ratio Lower Upper

112 100

64 72.8 56.2 84.2

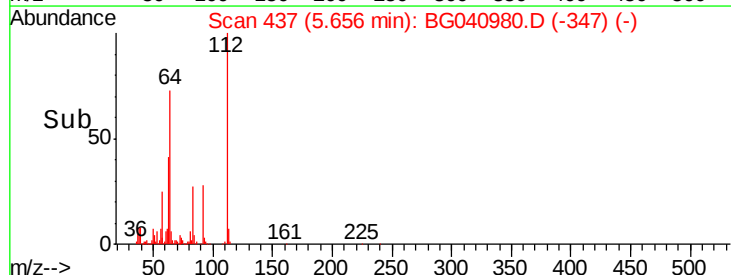
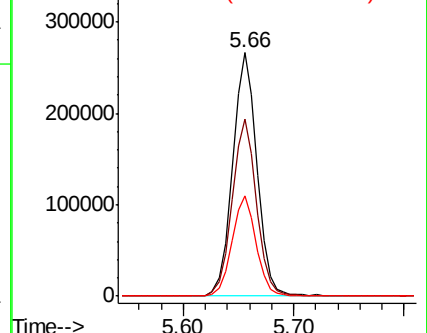
63 41.4 32.8 49.2



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: 120.077 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119288BL

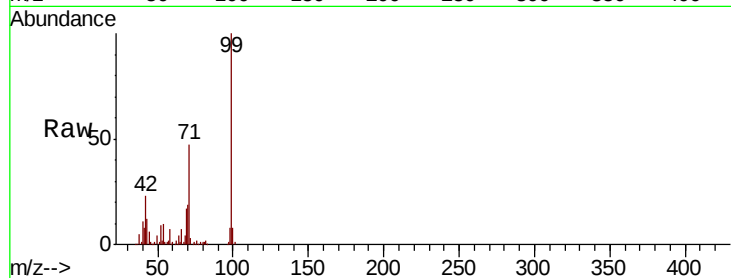
Tot Ion: 99 Resp: 589718

Ion Ratio Lower Upper

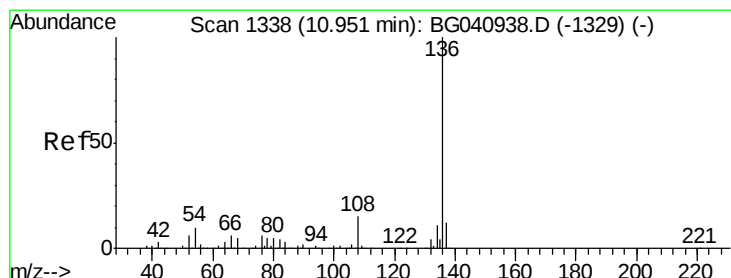
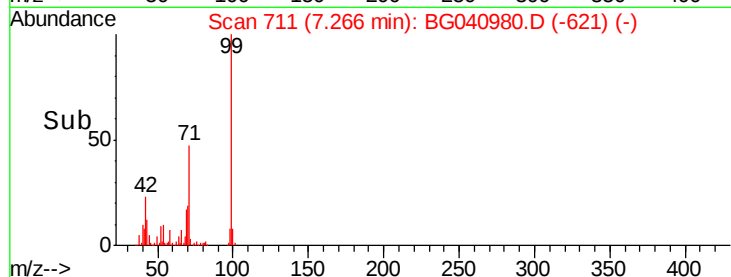
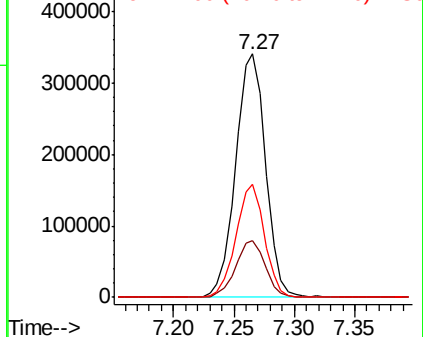
99 100

42 23.3 17.9 26.9

71 46.5 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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

Tgt Ion: 136 Resp: 226063

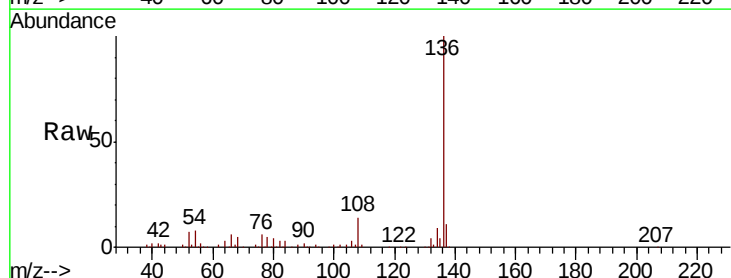
Ion Ratio Lower Upper

136 100

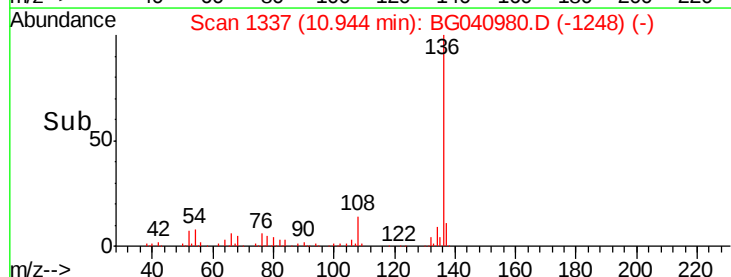
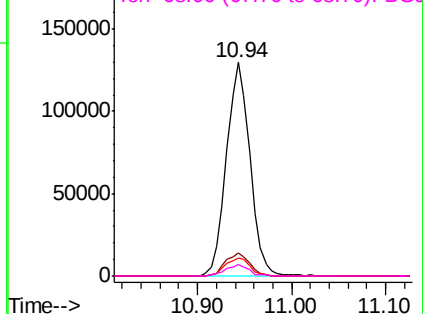
137 11.0 9.5 14.3

54 8.4 7.6 11.4

68 5.1 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

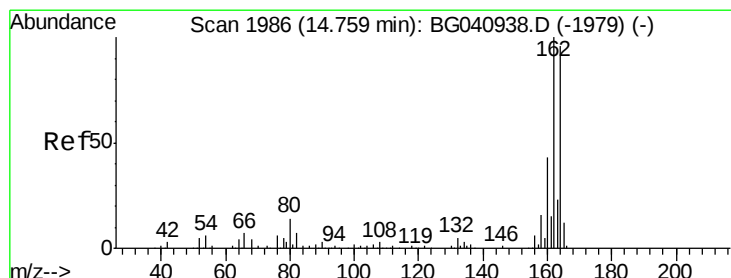
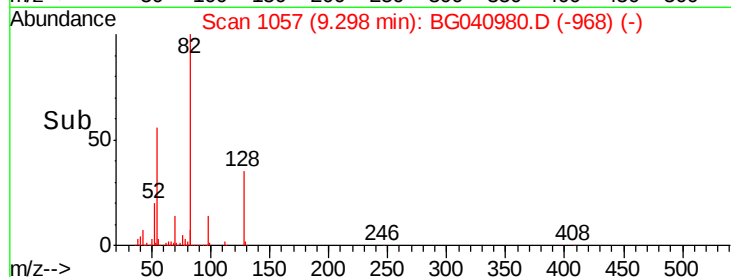
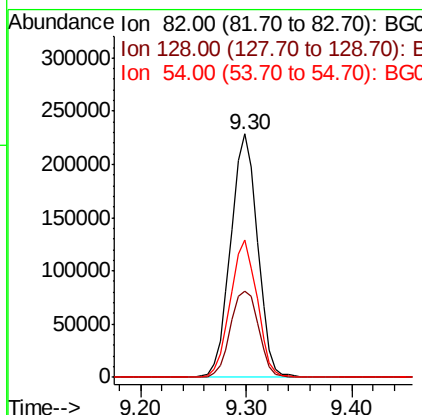
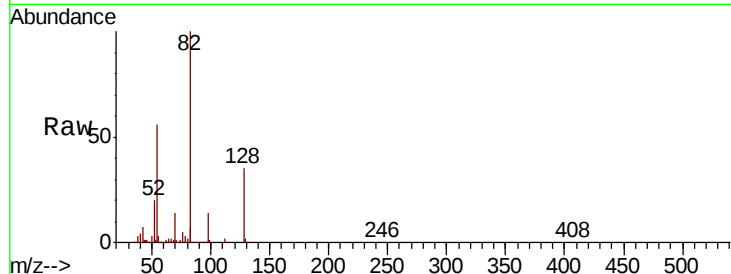




#23
 Nitrobenzene-d5
 Concen: 78.819 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040980.D
 Acq: 31 May 2019 16:03

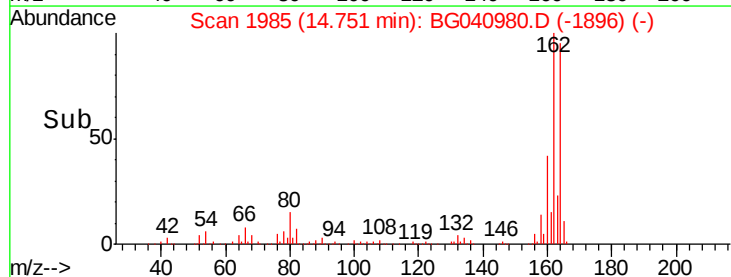
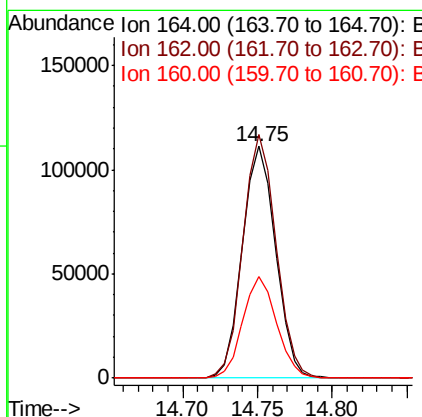
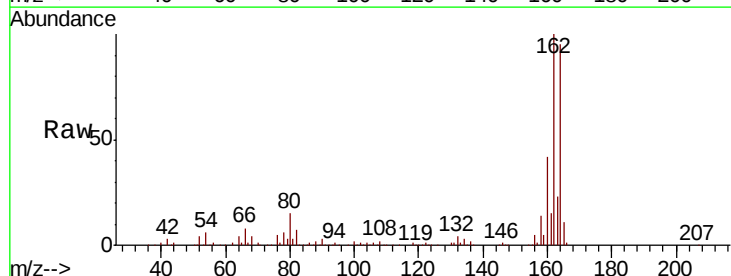
Instrument :
 BNA_G
 ClientSampleId :
 PB119288BL

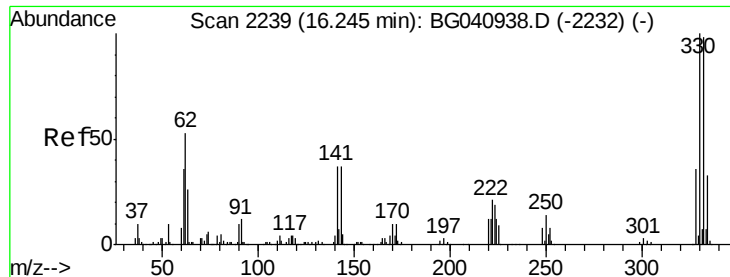
Tot Ion	82.00 (81.70 to 82.70): BGC	Resp	401367
Ion	Ratio	Lower	Upper
82	100		
128	35.3	30.5	45.7
54	56.4	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG040980.D
 Acq: 31 May 2019 16:03

Tgt Ion	164.00 (163.70 to 164.70): BGC	Resp	171862
Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	43.8	35.6	53.4

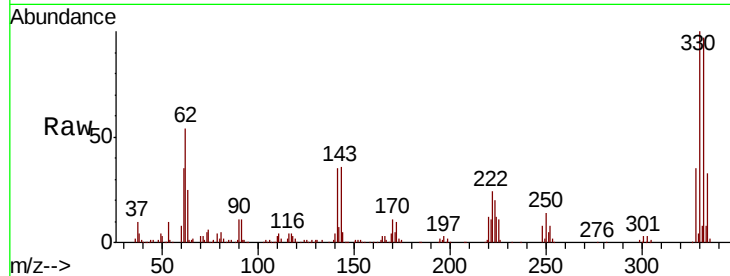




#42
 2,4,6-Tribromophenol
 Concen: 115.712 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG040980.D
 Acq: 31 May 2019 16:03

Instrument :
 BNA_G
 ClientSampleId :
 PB119288BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.5	117.7
141	37.2	28.7	43.1

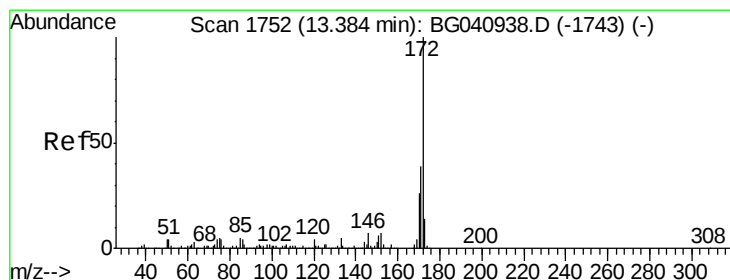
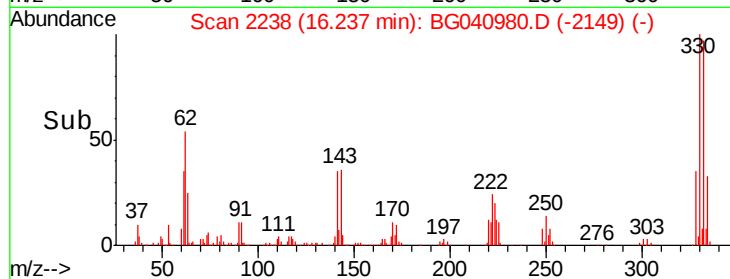
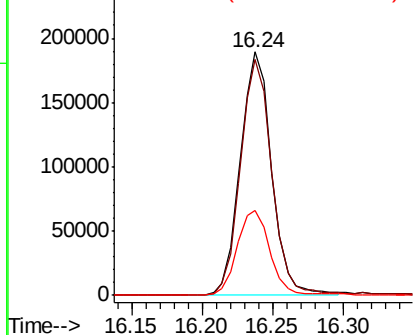


Abundance

Ion 329.80 (329.50 to 330.50): E

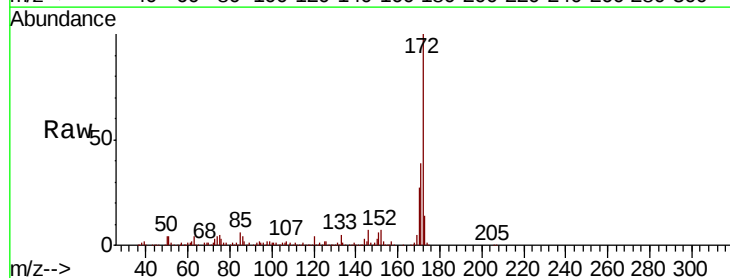
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.830 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG040980.D
 Acq: 31 May 2019 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.1	46.7
170	27.0	20.5	30.7

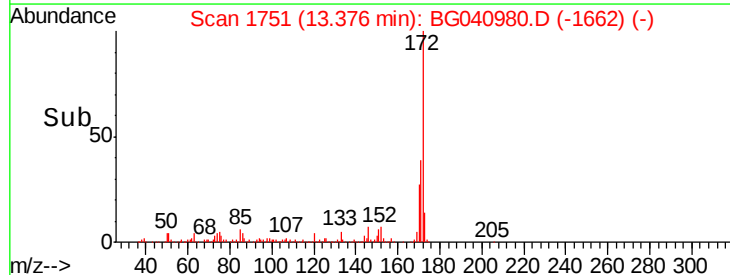
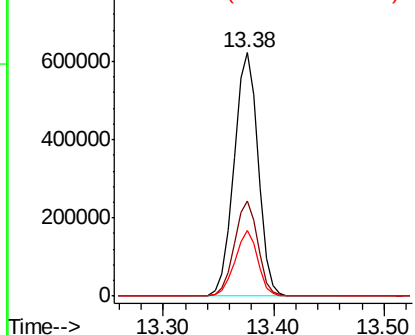


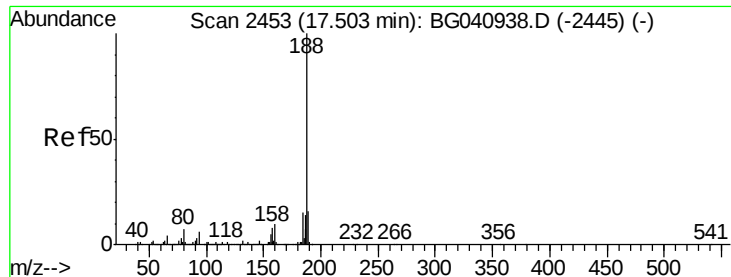
Abundance

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: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119288BL

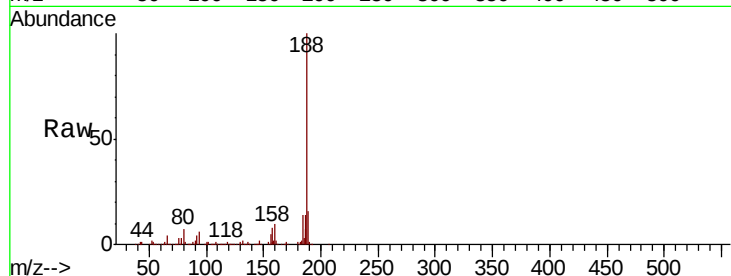
Tot Ion:188 Resp: 460818

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

80 7.0 5.8 8.8



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

17.49

400000

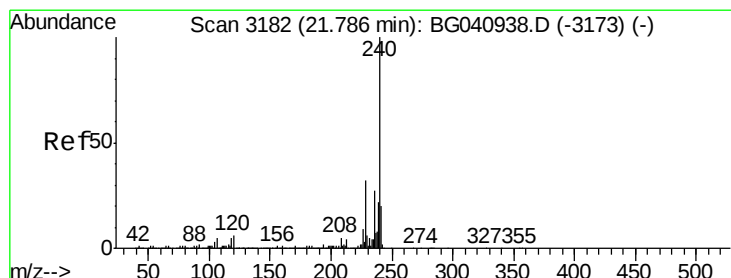
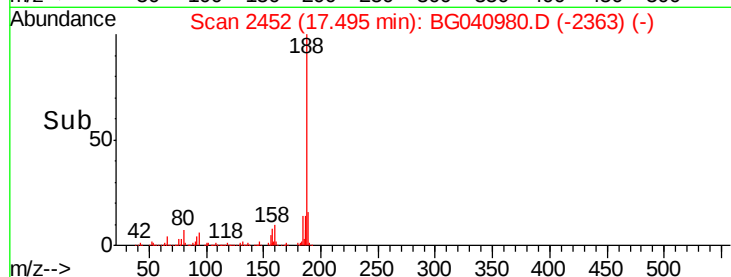
300000

200000

100000

0

Time--> 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

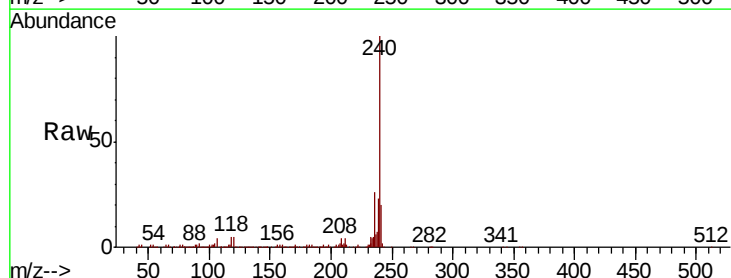
Tgt Ion:240 Resp: 471105

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

236 26.1 21.3 31.9



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

21.78

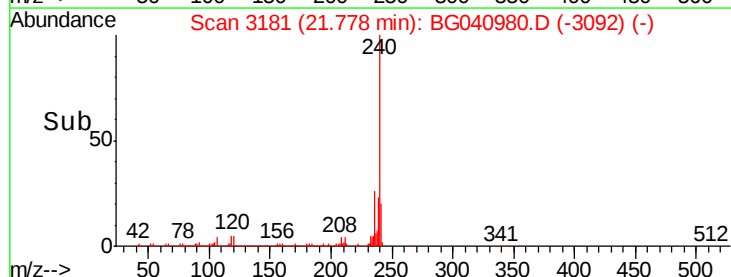
300000

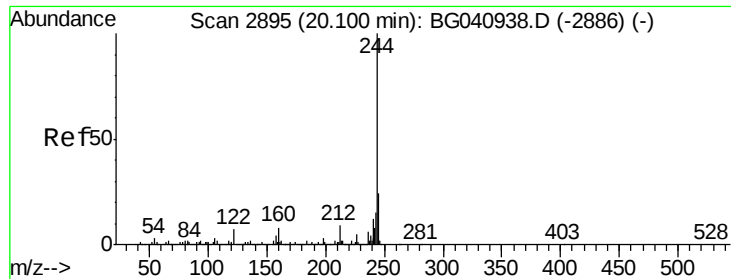
200000

100000

0

Time--> 21.70 21.80 21.90





#79

Terphenyl-d14

Concen: 81.702 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

Instrument :

BNA_G

ClientSampleId :

PB119288BL

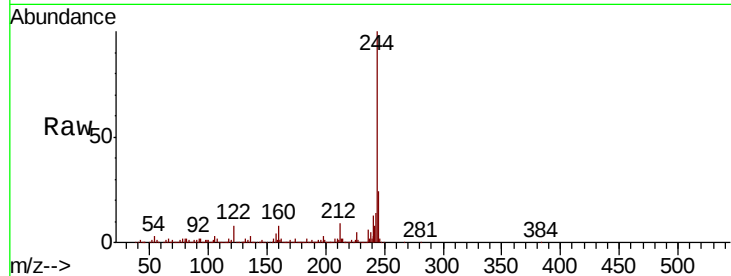
Tot Ion:244 Resp: 1813581

Ion Ratio Lower Upper

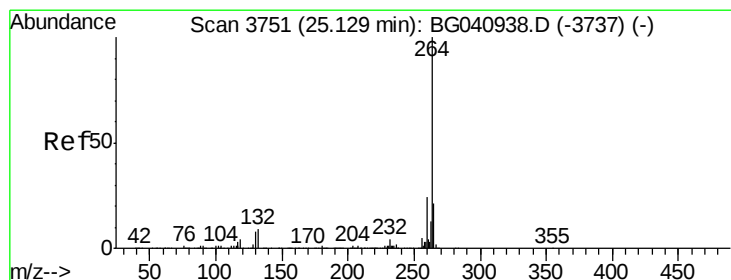
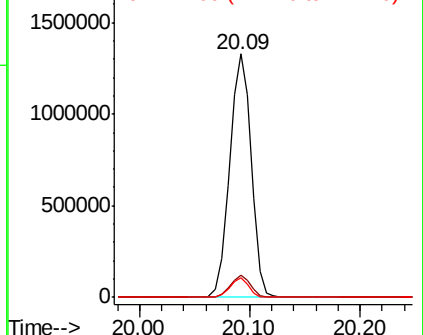
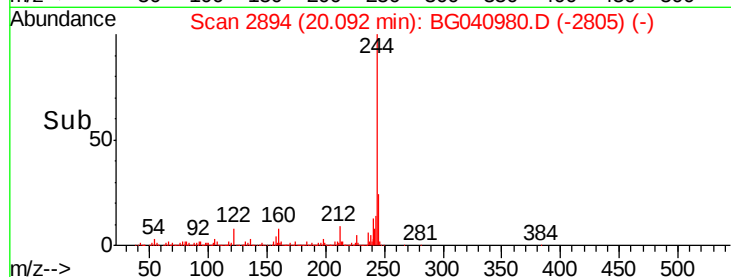
244 100

212 9.3 7.0 10.4

122 7.8 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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG040980.D

Acq: 31 May 2019 16:03

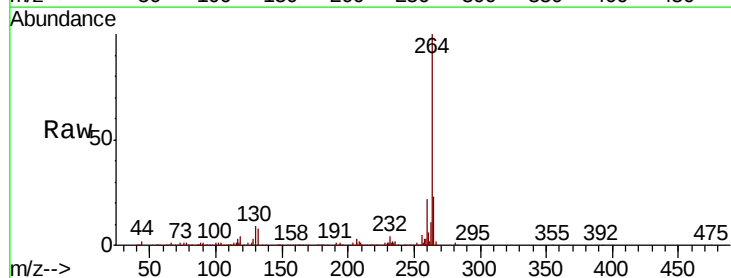
Tgt Ion:264 Resp: 483047

Ion Ratio Lower Upper

264 100

260 21.7 19.0 28.4

265 23.3 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

