

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040198.D
 Acq On : 28 Mar 2019 13:42
 Operator : JU/SJ
 Sample : PB118345BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BL

Quant Time: Mar 29 07:06:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51814	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	201667	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	125926	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	318039	20.00	ng	0.00
76) Chrysene-d12	21.72	240	385970	20.00	ng	0.00
87) Perylene-d12	25.02	264	384727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	311927	100.08	ng	0.00
7) Phenol-d6	7.22	99	421642	97.89	ng	0.00
23) Nitrobenzene-d5	9.25	82	244851	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	137169	100.79	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	571271	67.22	ng	0.00
79) Terphenyl-d14	20.04	244	1077339	62.79	ng	0.00

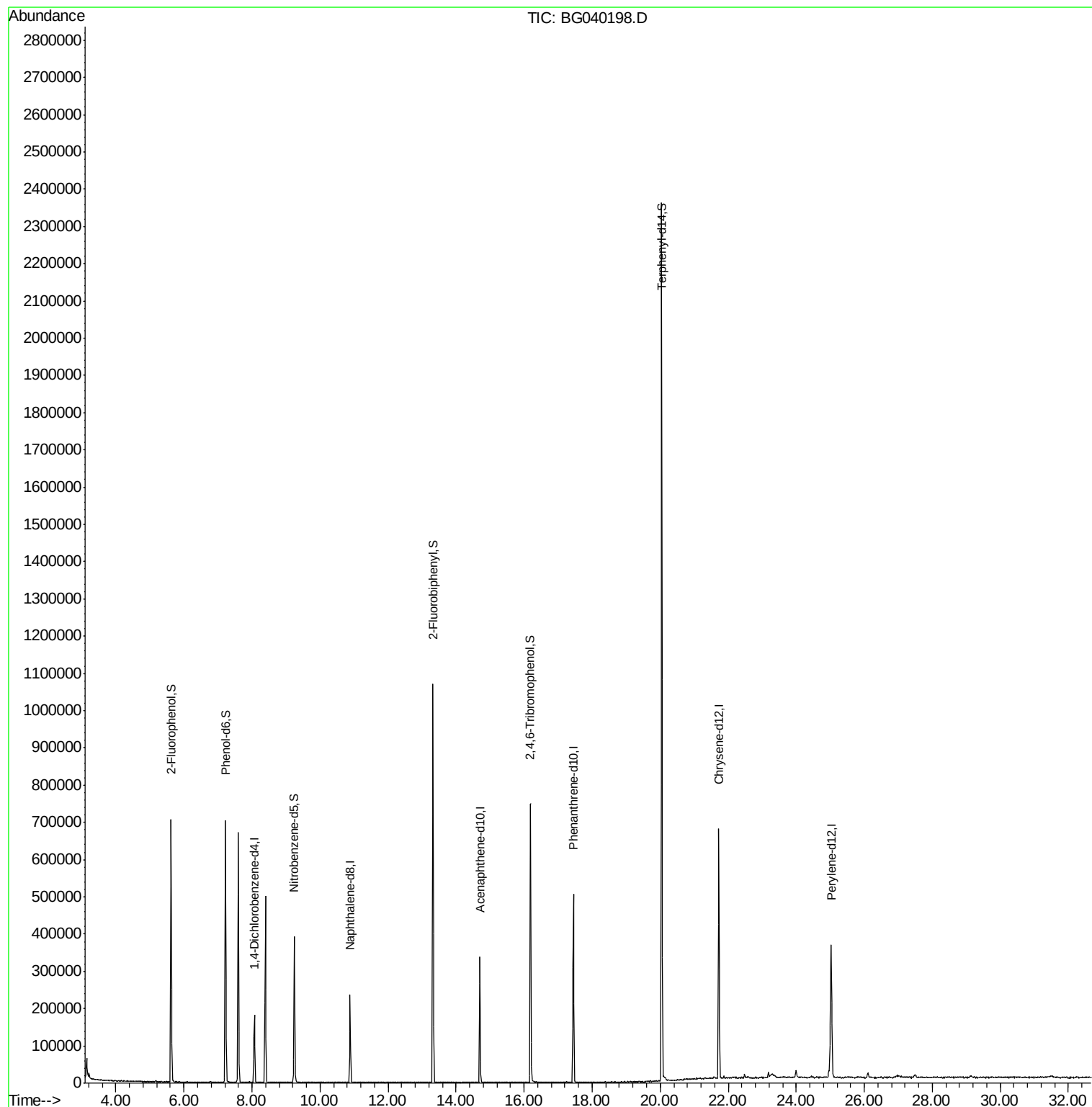
Target Compounds Qvalue

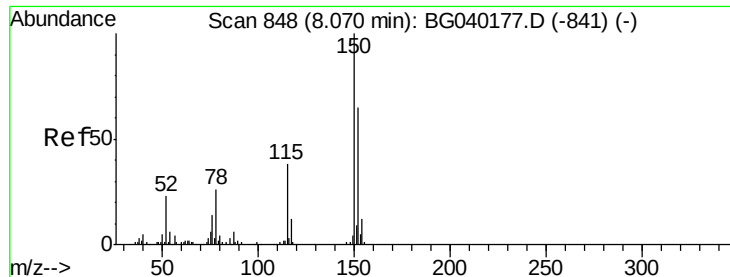
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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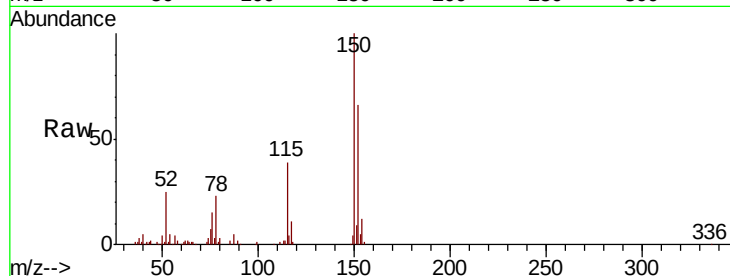


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040198.D
Acq: 28 Mar 2019 13:42

Instrument :
BNA_G
ClientSampleId :
PB118345BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.7	185.5
115	58.7	46.9	70.3

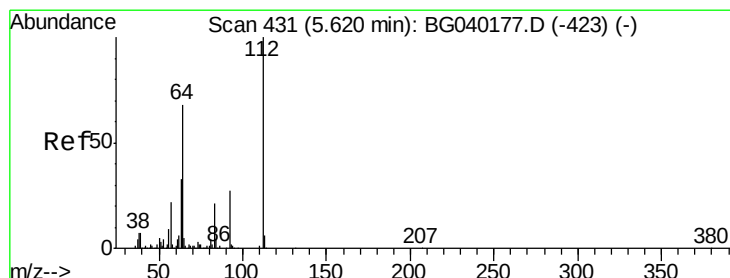
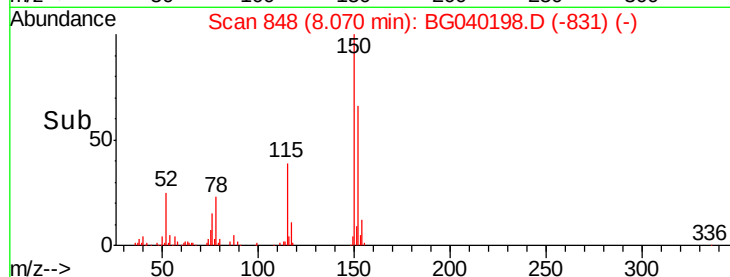
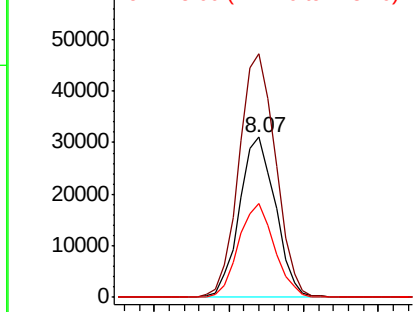


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

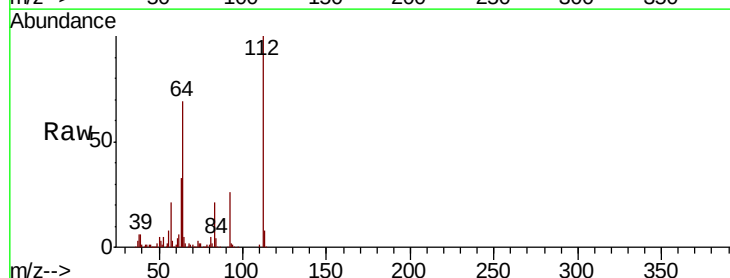
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.079 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040198.D
Acq: 28 Mar 2019 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	54.2	81.2
63	33.2	26.4	39.6

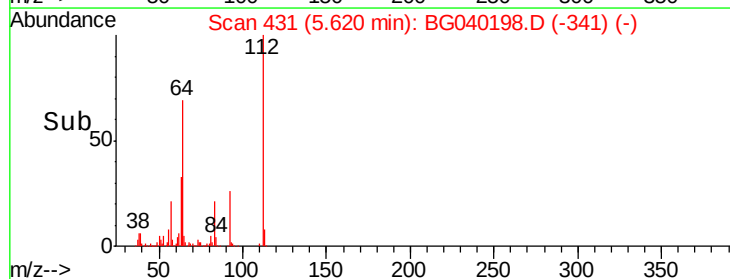
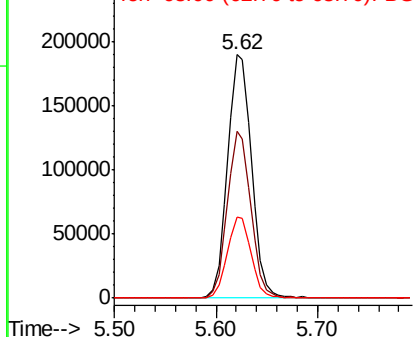


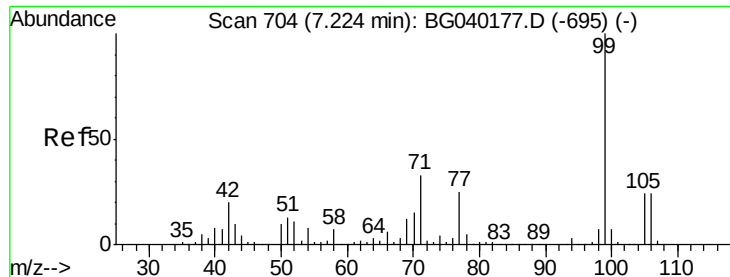
Abundance

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: 97.886 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB118345BL

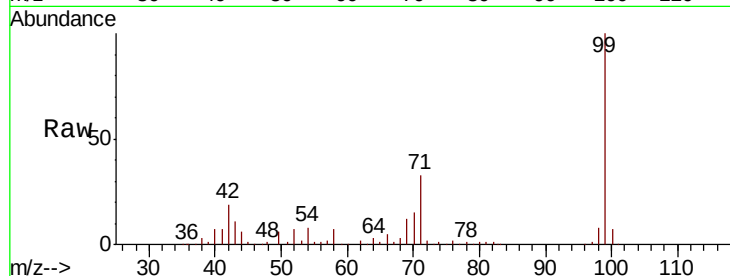
Tot Ion: 99 Resp: 421642

Ion Ratio Lower Upper

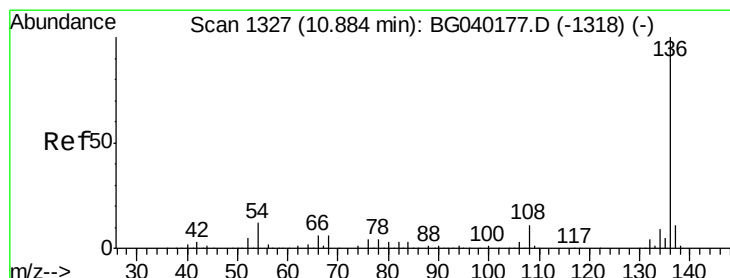
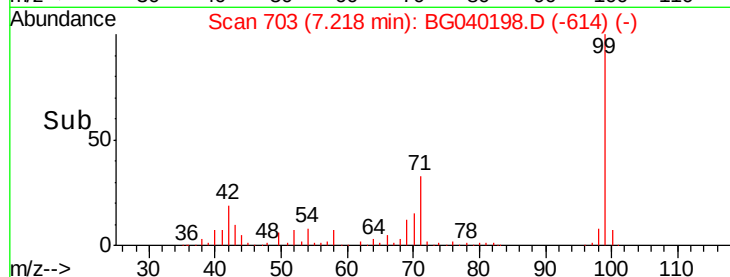
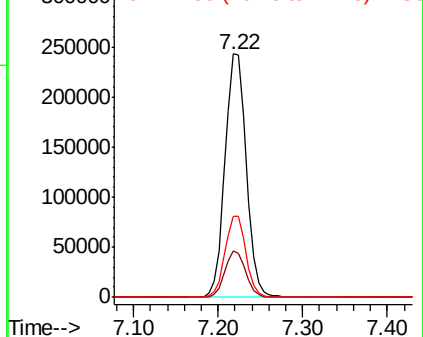
99 100

42 19.0 16.2 24.2

71 33.5 26.8 40.2



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: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

Tgt Ion: 136 Resp: 201667

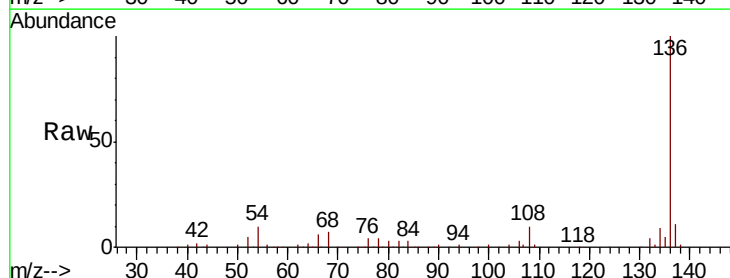
Ion Ratio Lower Upper

136 100

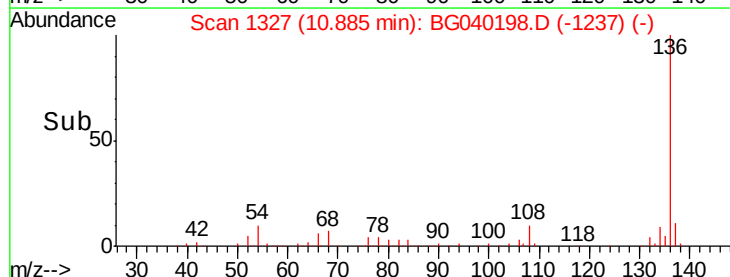
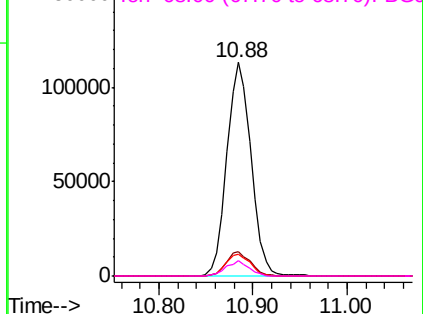
137 11.5 8.9 13.3

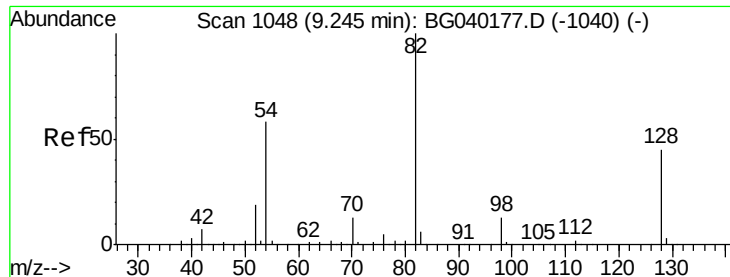
54 10.4 9.6 14.4

68 7.1 5.1 7.7



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

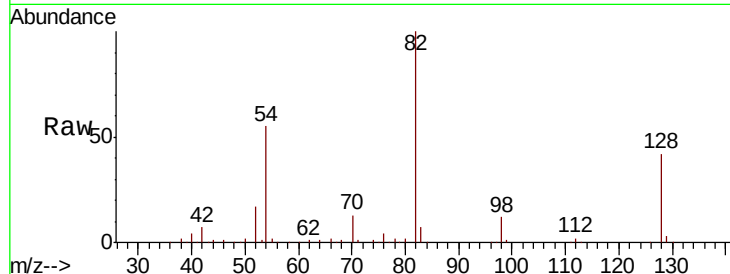




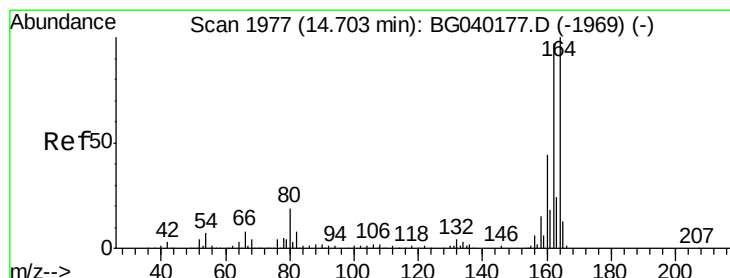
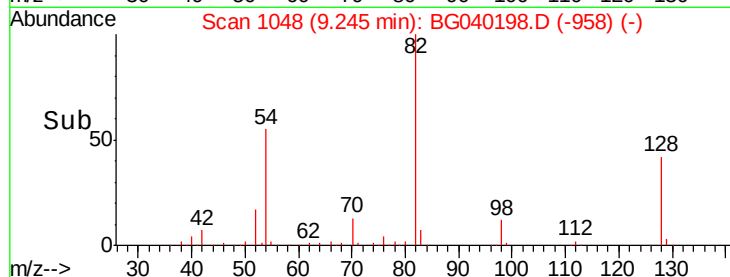
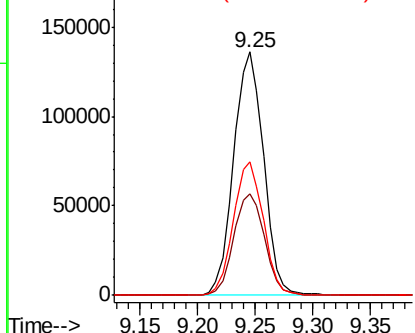
#23
 Nitrobenzene-d5
 Concen: 64.535 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040198.D
 Acq: 28 Mar 2019 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BL

Tot Ion	82	Resp	244851
Ion Ratio	Lower	Upper	
82	100		
128	41.8	35.8	53.8
54	54.9	46.2	69.2

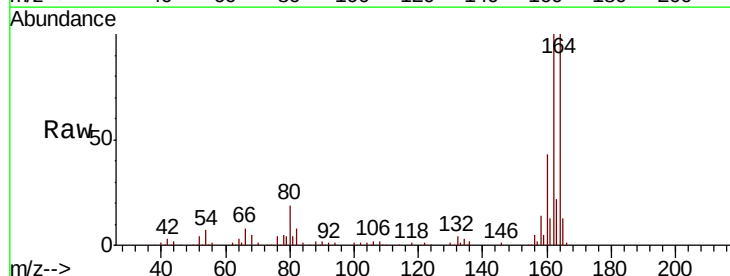


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

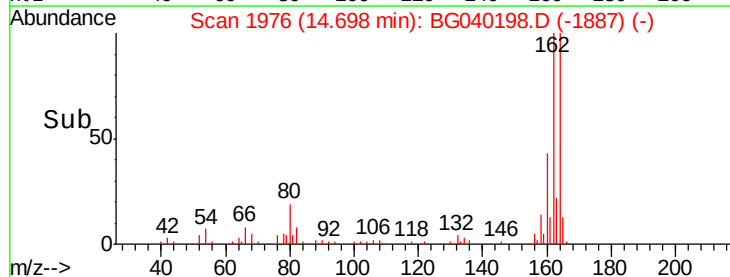
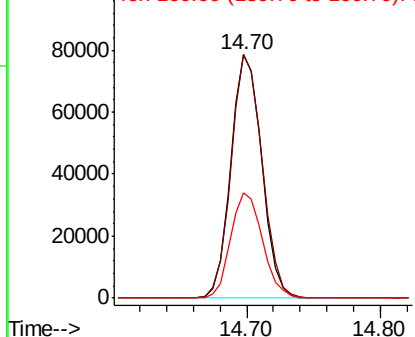


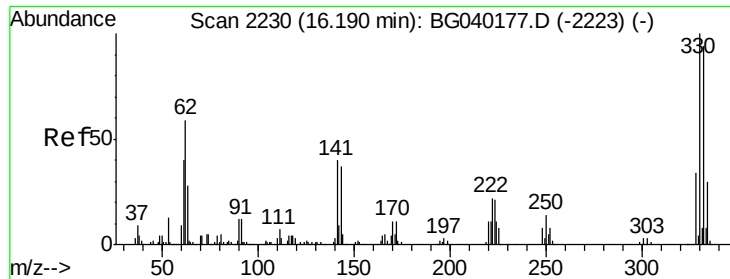
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG040198.D
 Acq: 28 Mar 2019 13:42

Tgt Ion	164	Resp	125926
Ion Ratio	Lower	Upper	
164	100		
162	100.2	77.4	116.2
160	43.4	35.3	52.9



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: 100.790 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB118345BL

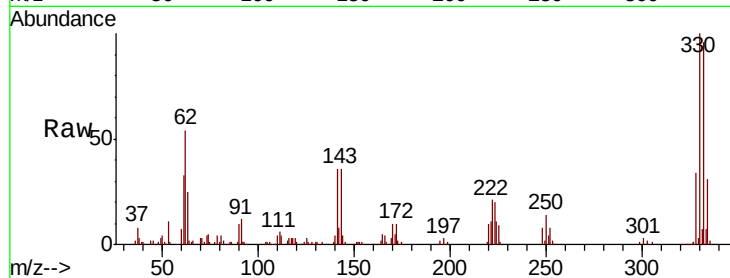
Tot Ion:330 Resp: 137169

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

141 39.2 32.6 48.8

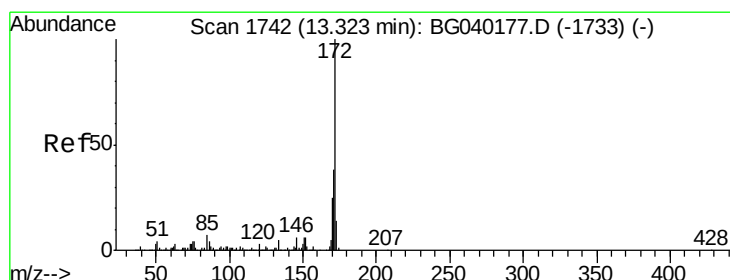
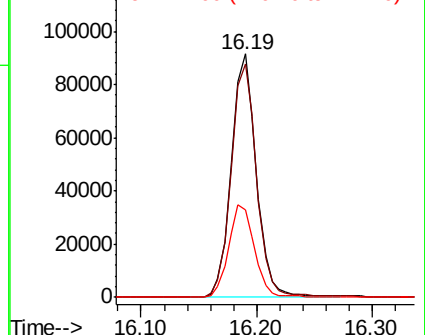
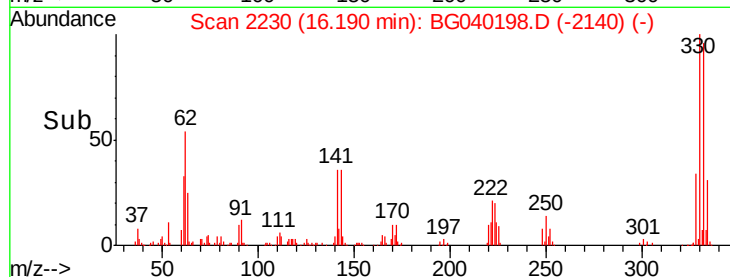


Abundance

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: 67.221 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

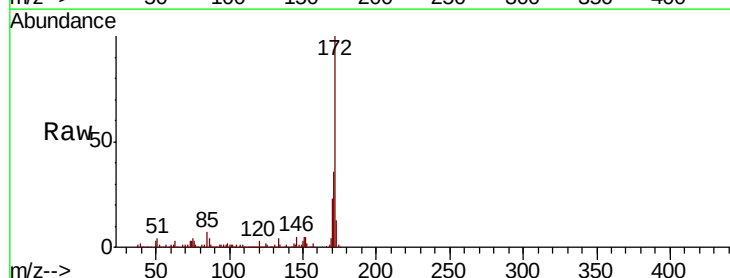
Tgt Ion:172 Resp: 571271

Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

170 23.2 20.1 30.1

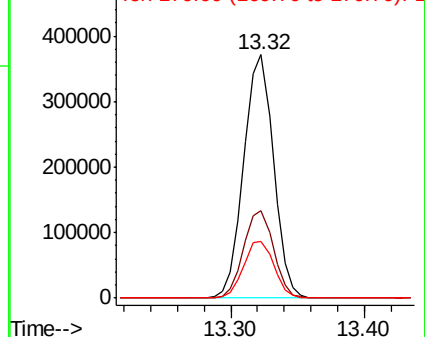
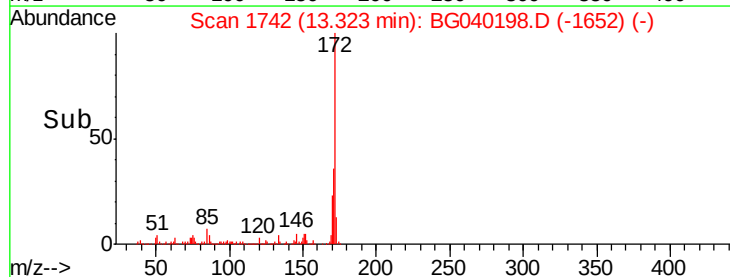


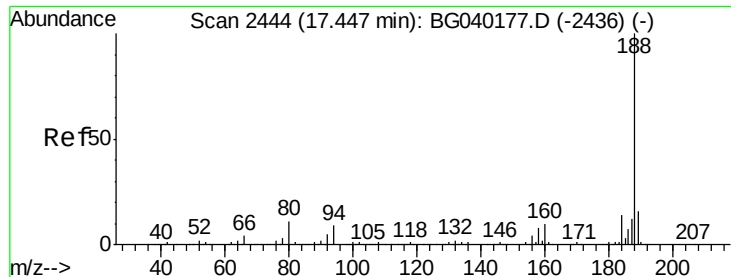
Abundance

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

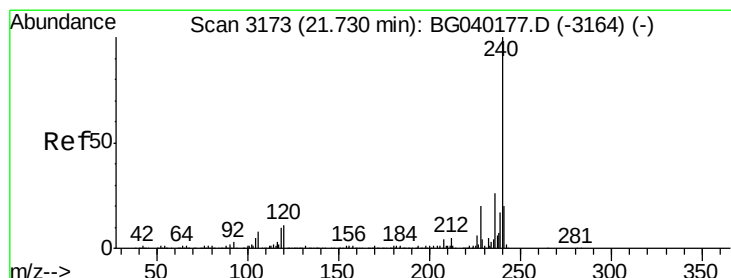
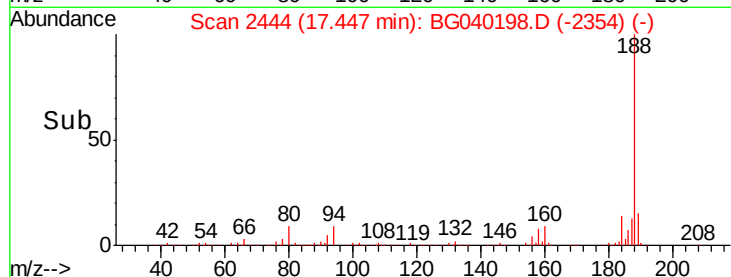
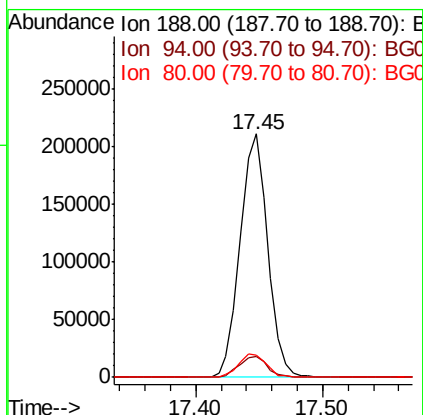
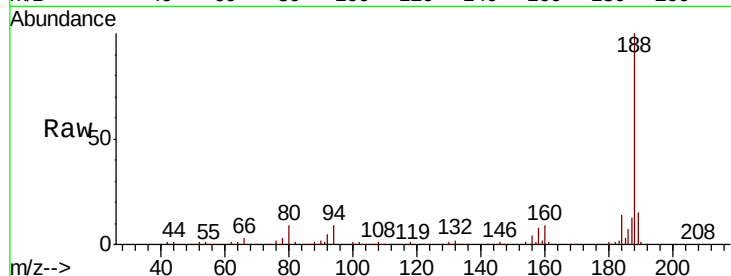




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040198.D
Acq: 28 Mar 2019 13:42

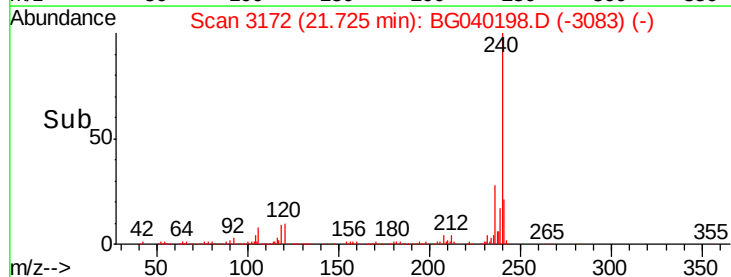
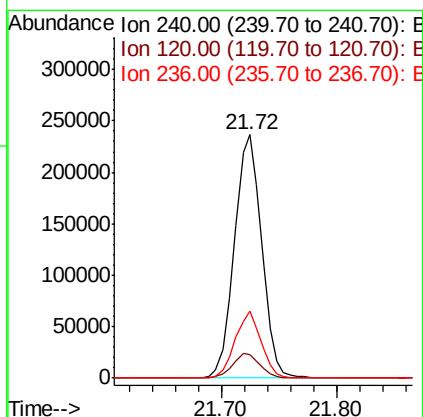
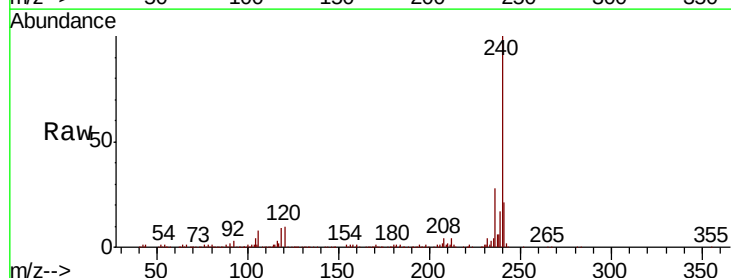
Instrument :
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PB118345BL

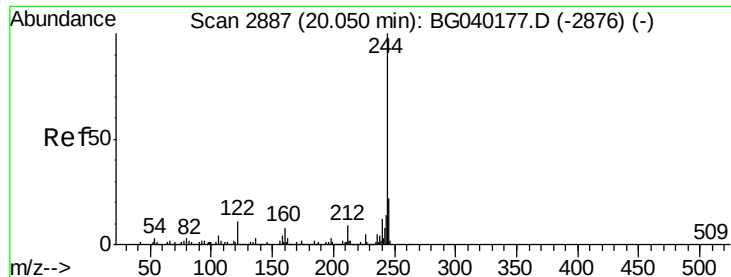
Tot Ion:188 Resp: 318039
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG040198.D
Acq: 28 Mar 2019 13:42

Tgt Ion:240 Resp: 385970
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 27.6 20.8 31.2





#79

Terphenyl-d14

Concen: 62.793 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

Instrument :

BNA_G

ClientSampleId :

PB118345BL

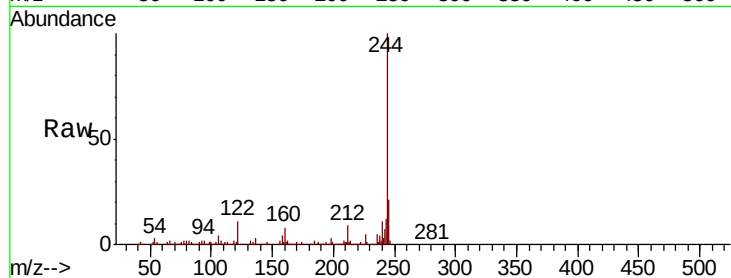
Tot Ion:244 Resp: 1077339

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

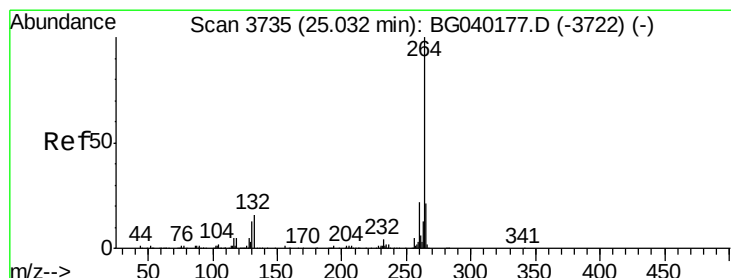
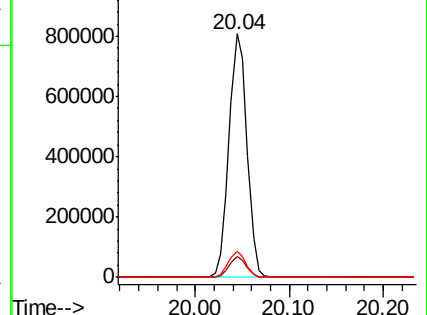
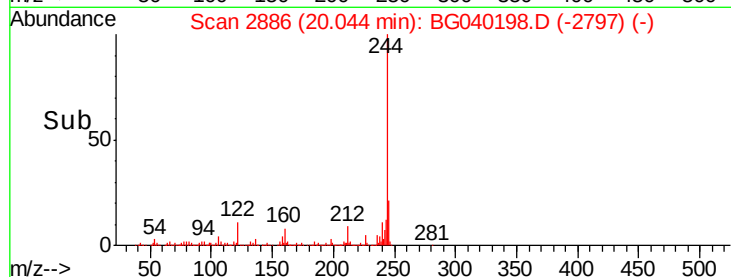
122 10.8 8.5 12.7



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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040198.D

Acq: 28 Mar 2019 13:42

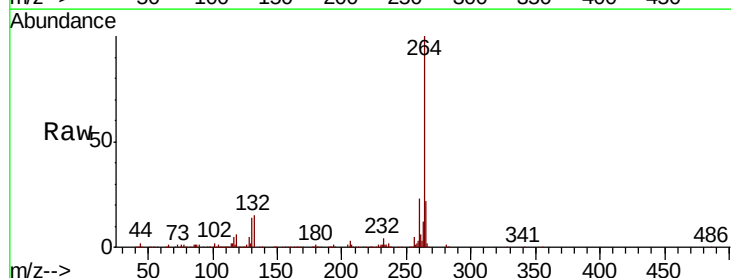
Tgt Ion:264 Resp: 384727

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 21.8 16.8 25.2



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

