

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
 Data File : BG040187.D
 Acq On : 28 Mar 2019 1:06
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Quant Time: Mar 28 07:01:03 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	53721	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	211484	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	128384	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	321696	20.00	ng	0.00
76) Chrysene-d12	21.72	240	369588	20.00	ng	0.00
87) Perylene-d12	25.02	264	363510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	345100	106.79	ng	0.00
7) Phenol-d6	7.22	99	468352	104.87	ng	0.00
23) Nitrobenzene-d5	9.24	82	278678	70.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154708	111.50	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	639382	73.80	ng	0.00
79) Terphenyl-d14	20.05	244	1135206	69.10	ng	0.00

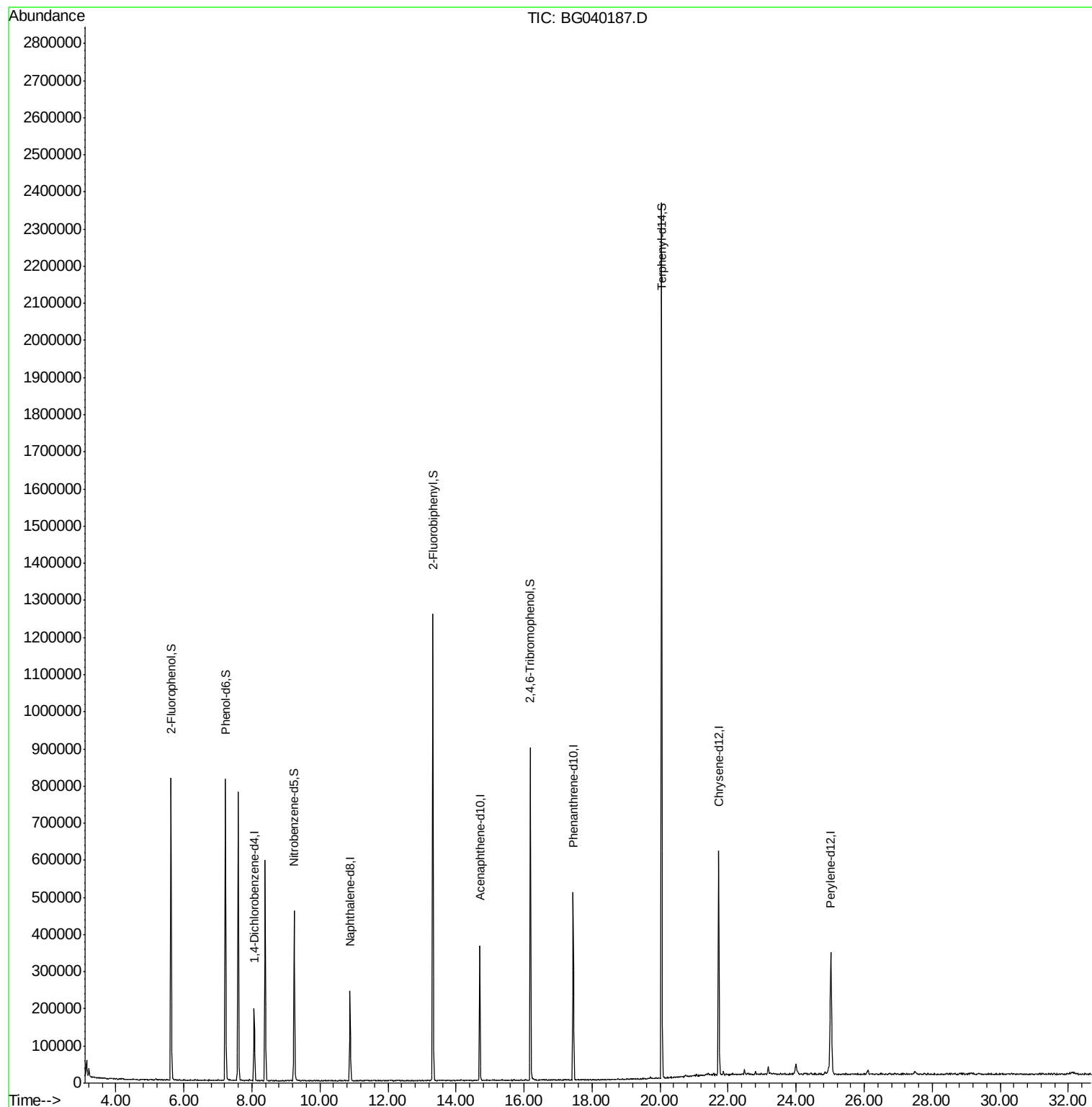
Target Compounds Qvalue

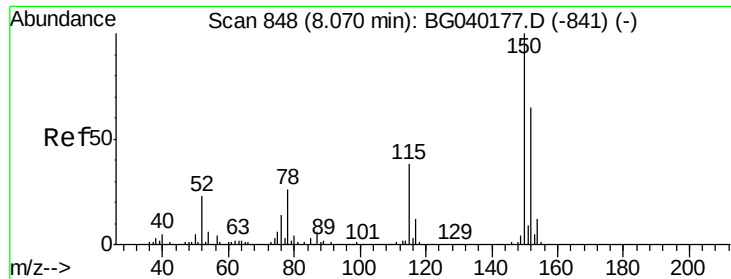
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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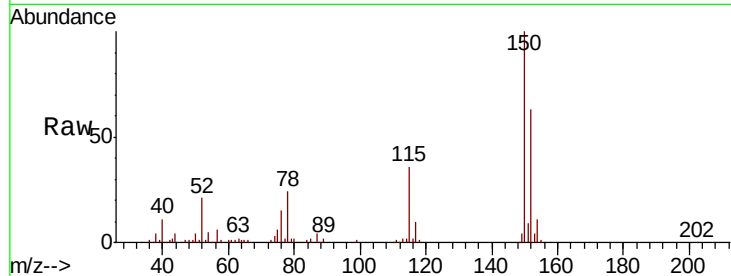


#1

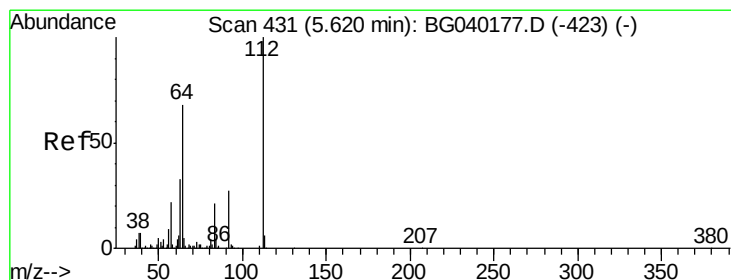
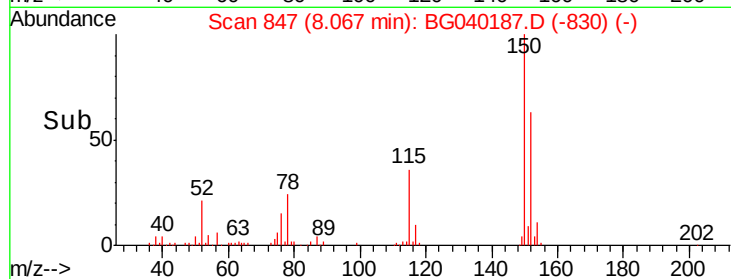
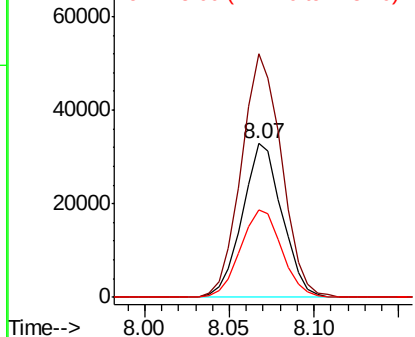
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tot Ion:152 Resp: 53721
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 57.1 46.9 70.3



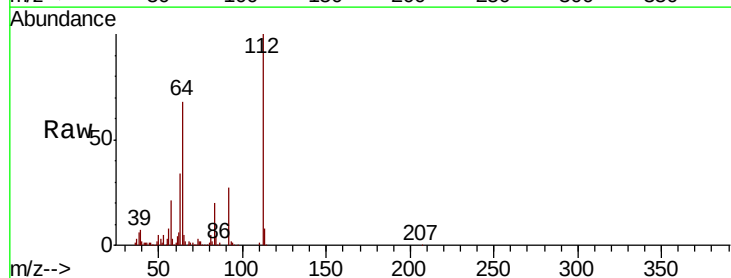
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



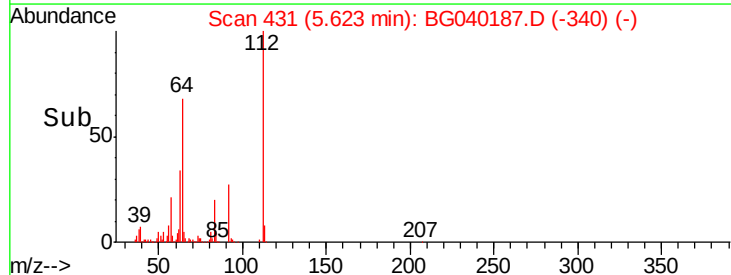
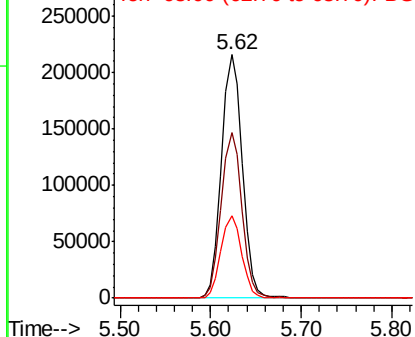
#5

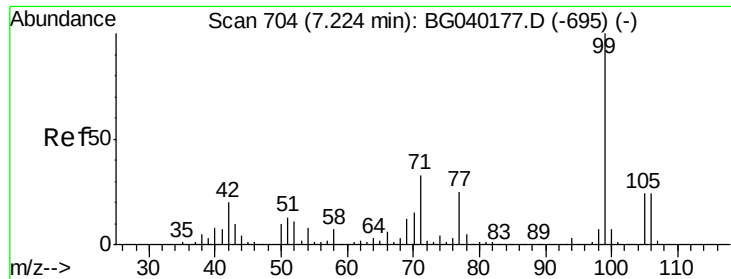
2-Fluorophenol
Concen: 106.792 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion:112 Resp: 345100
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.2
63 33.8 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: 104.871 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

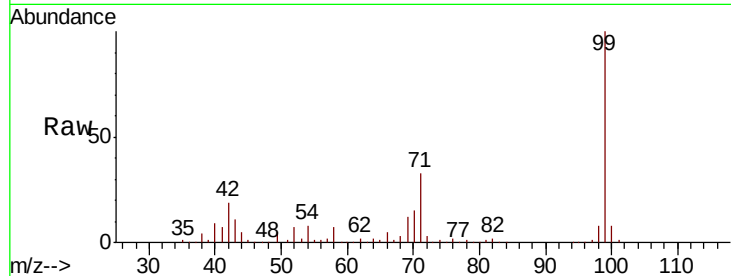
Tot Ion: 99 Resp: 468352

Ion Ratio Lower Upper

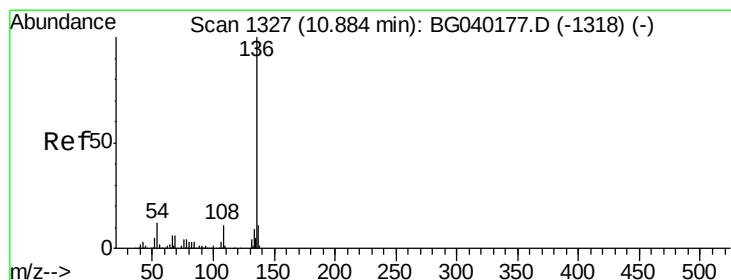
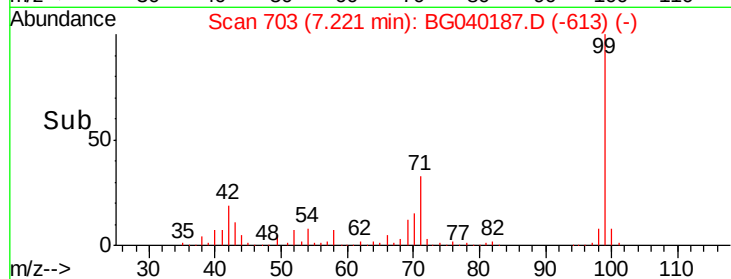
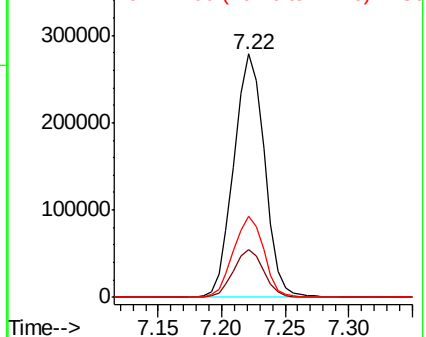
99 100

42 19.5 16.2 24.2

71 33.0 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: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Tgt Ion: 136 Resp: 211484

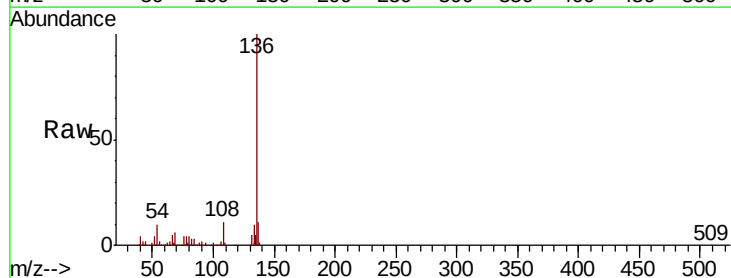
Ion Ratio Lower Upper

136 100

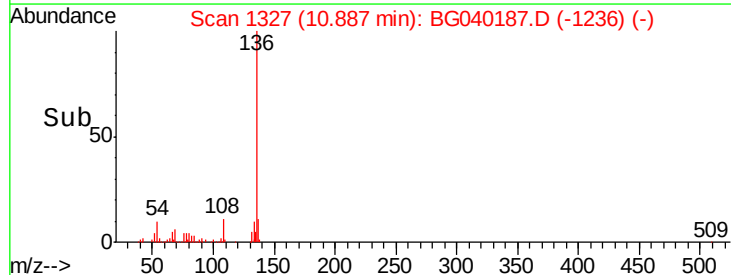
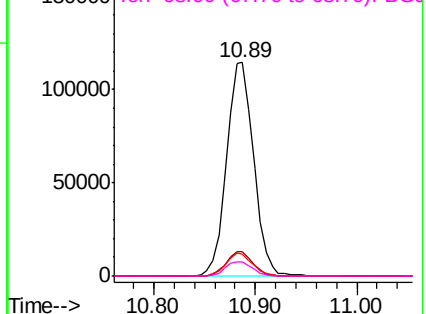
137 11.2 8.9 13.3

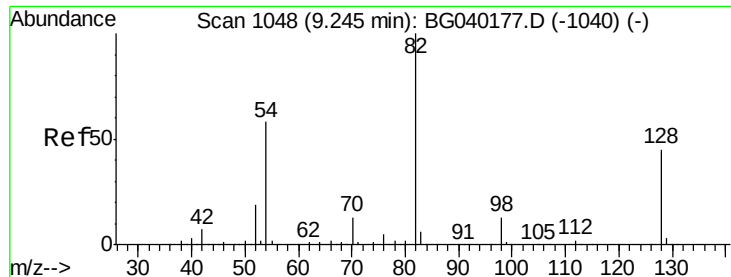
54 10.1 9.6 14.4

68 6.4 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

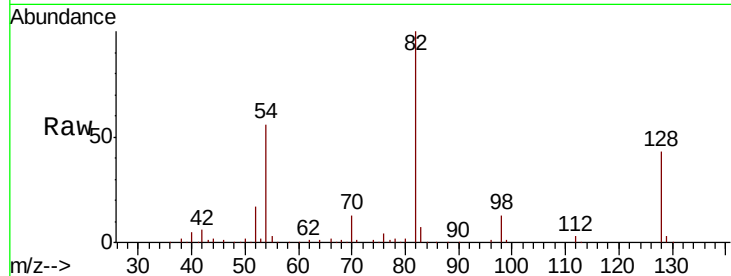




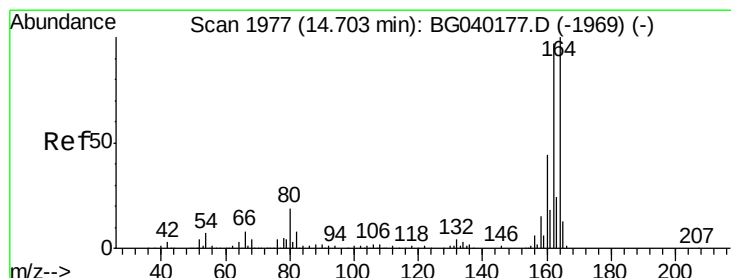
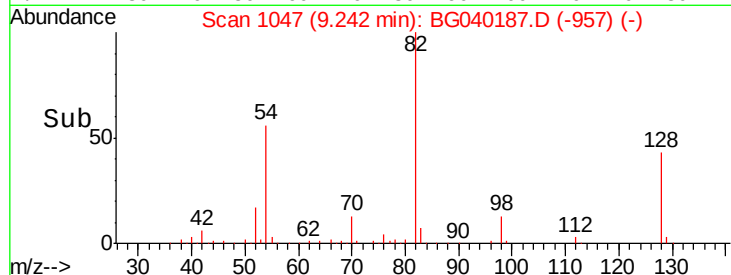
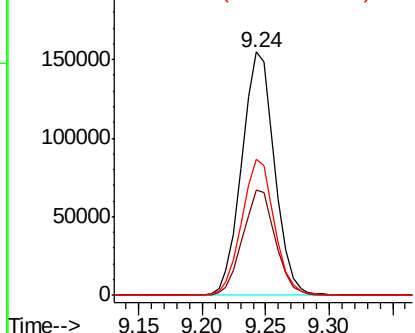
#23
Nitrobenzene-d5
Concen: 70.042 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tot Ion: 82 Resp: 278678
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 56.0 46.2 69.2

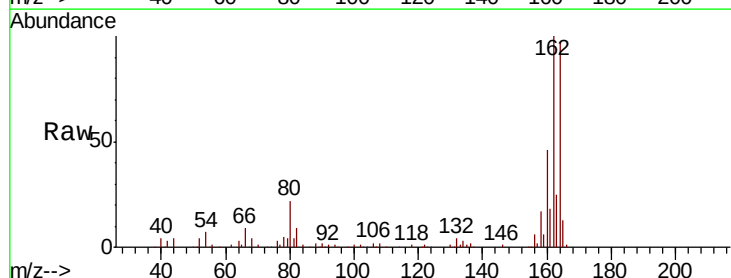


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

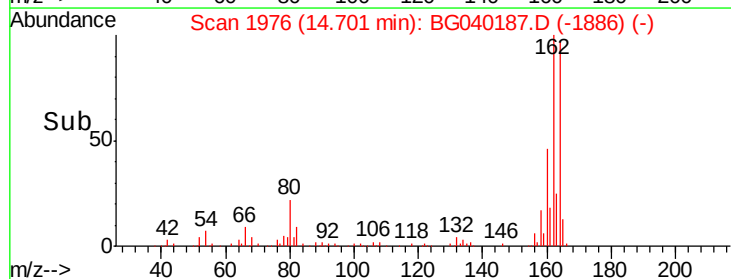
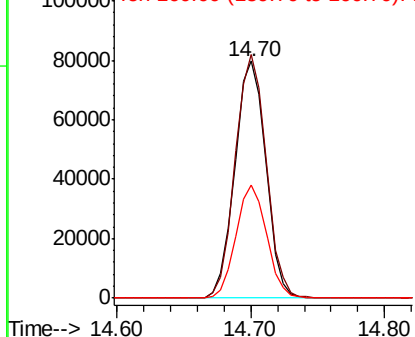


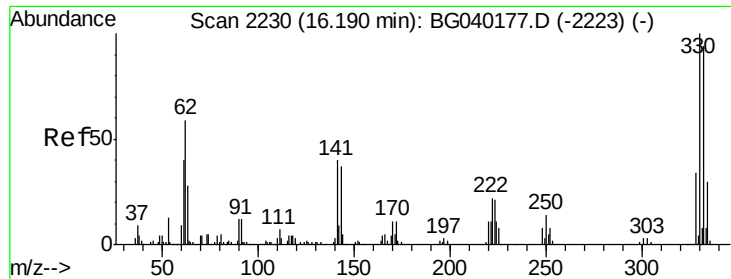
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion: 164 Resp: 128384
Ion Ratio Lower Upper
164 100
162 102.8 77.4 116.2
160 47.6 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

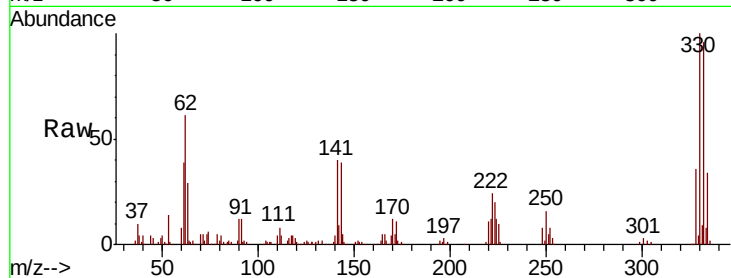




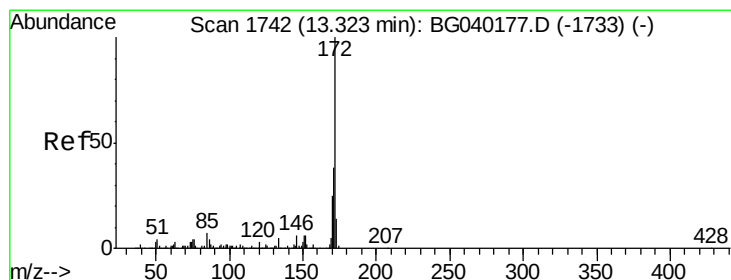
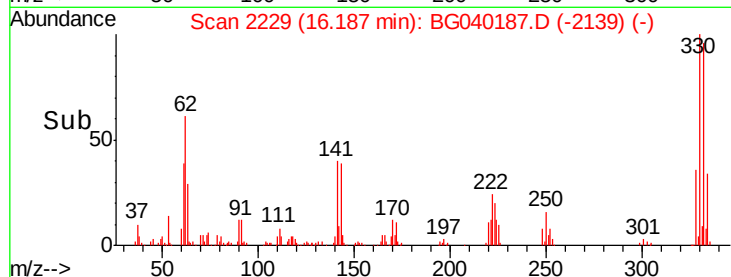
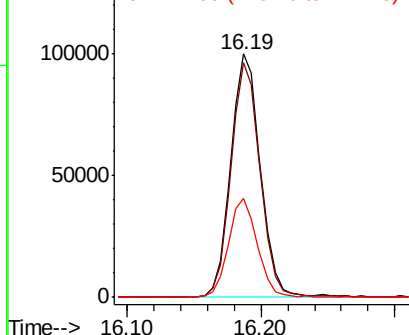
#42
 2,4,6-Tribromophenol
 Concen: 111.502 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Tot Ion:330 Resp: 154708
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.7 32.6 48.8

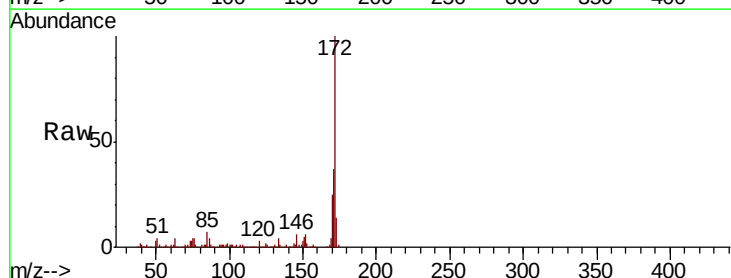


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

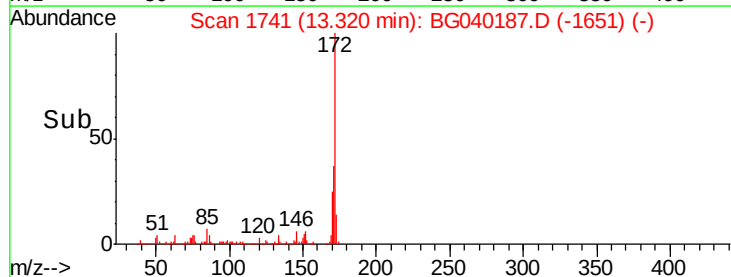
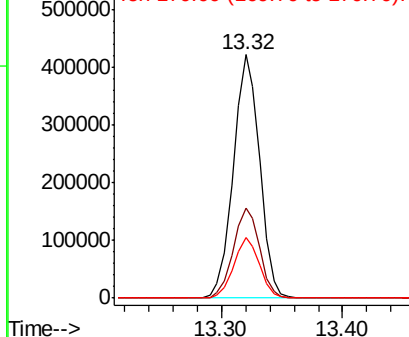


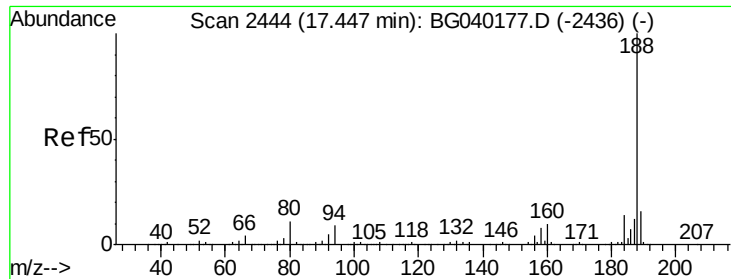
#45
 2-Fluorobiphenyl
 Concen: 73.795 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt Ion:172 Resp: 639382
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.9 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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampled :

PB118232BL

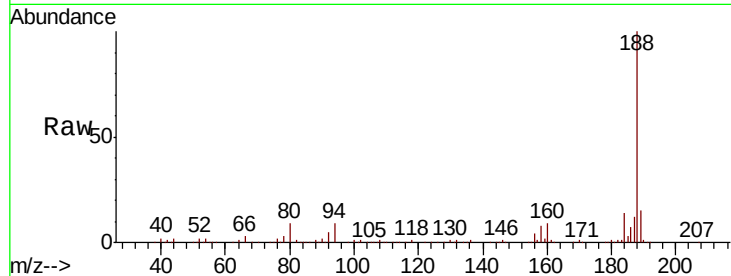
Tot Ion:188 Resp: 321696

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

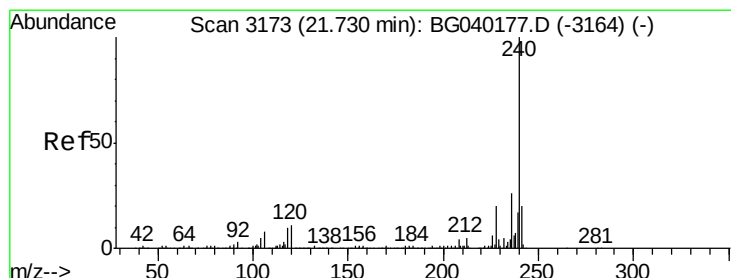
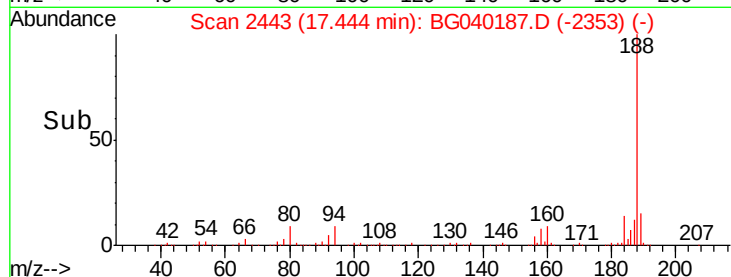
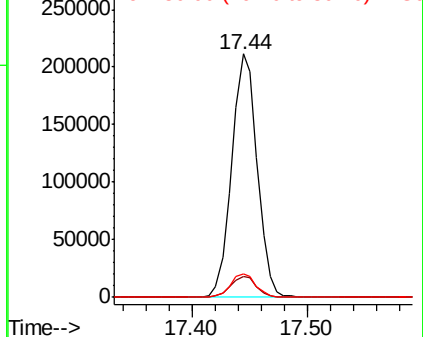
80 9.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

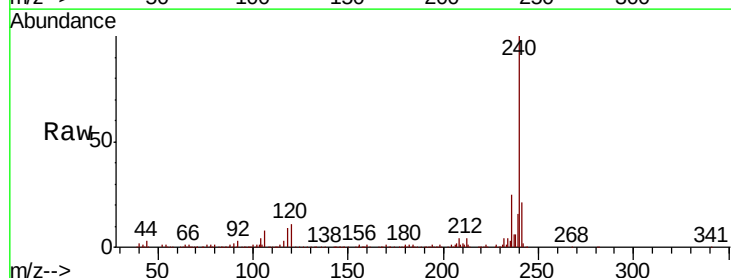
Tgt Ion:240 Resp: 369588

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

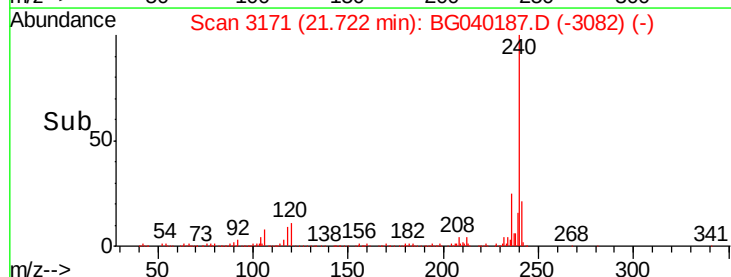
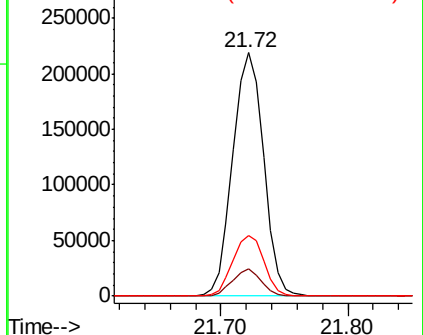
236 25.1 20.8 31.2

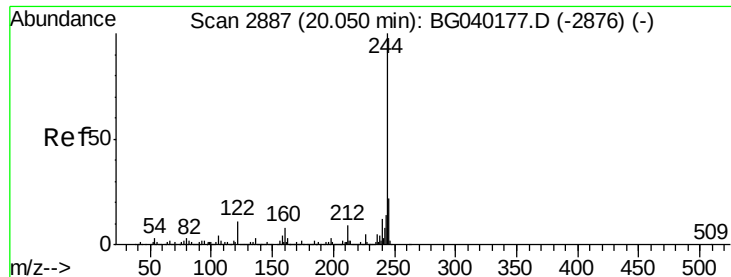


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.099 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

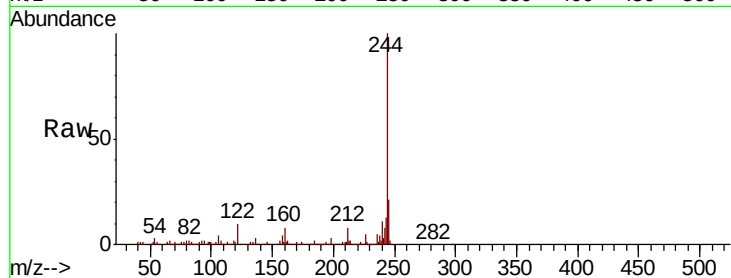
Tot Ion:244 Resp: 1135206

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

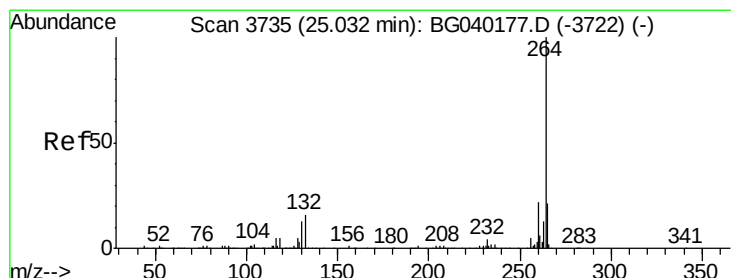
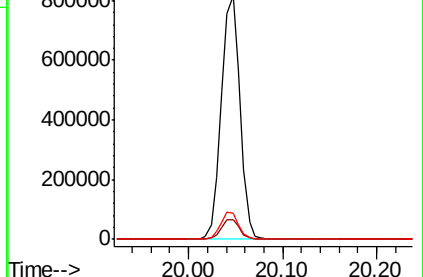
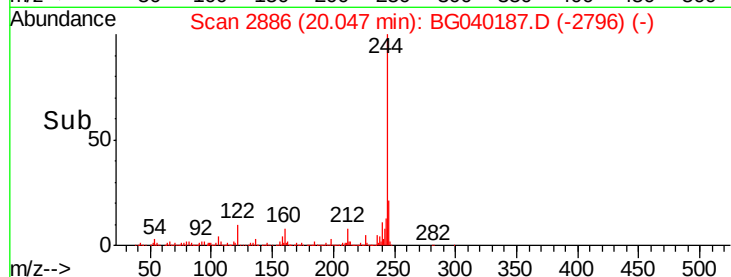
122 10.5 8.5 12.7



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: BG040187.D

Acq: 28 Mar 2019 1:06

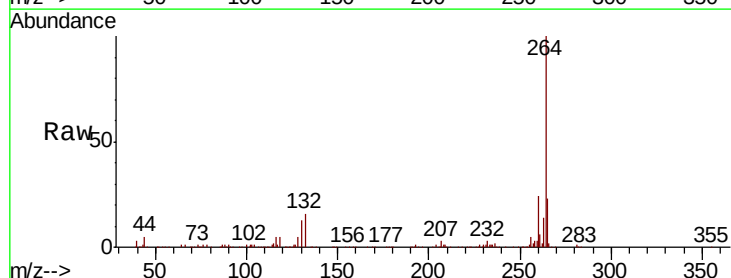
Tgt Ion:264 Resp: 363510

Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 23.2 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

