

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040381.D
 Acq On : 5 Apr 2019 17:45
 Operator : JU/SJ
 Sample : PB118645BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BL

Quant Time: Apr 06 00:15:57 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	8.04	152	63032	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	245922	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	151125	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	366947	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	407912	20.00	ng	-0.04
87) Perylene-d12	24.97	264	408813	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	286431	75.54	ng	-0.02
7) Phenol-d6	7.20	99	381026	72.71	ng	-0.03
23) Nitrobenzene-d5	9.22	82	337847	73.02	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	118170	72.35	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	789495	77.41	ng	-0.03
79) Terphenyl-d14	20.02	244	1157014	63.81	ng	-0.03

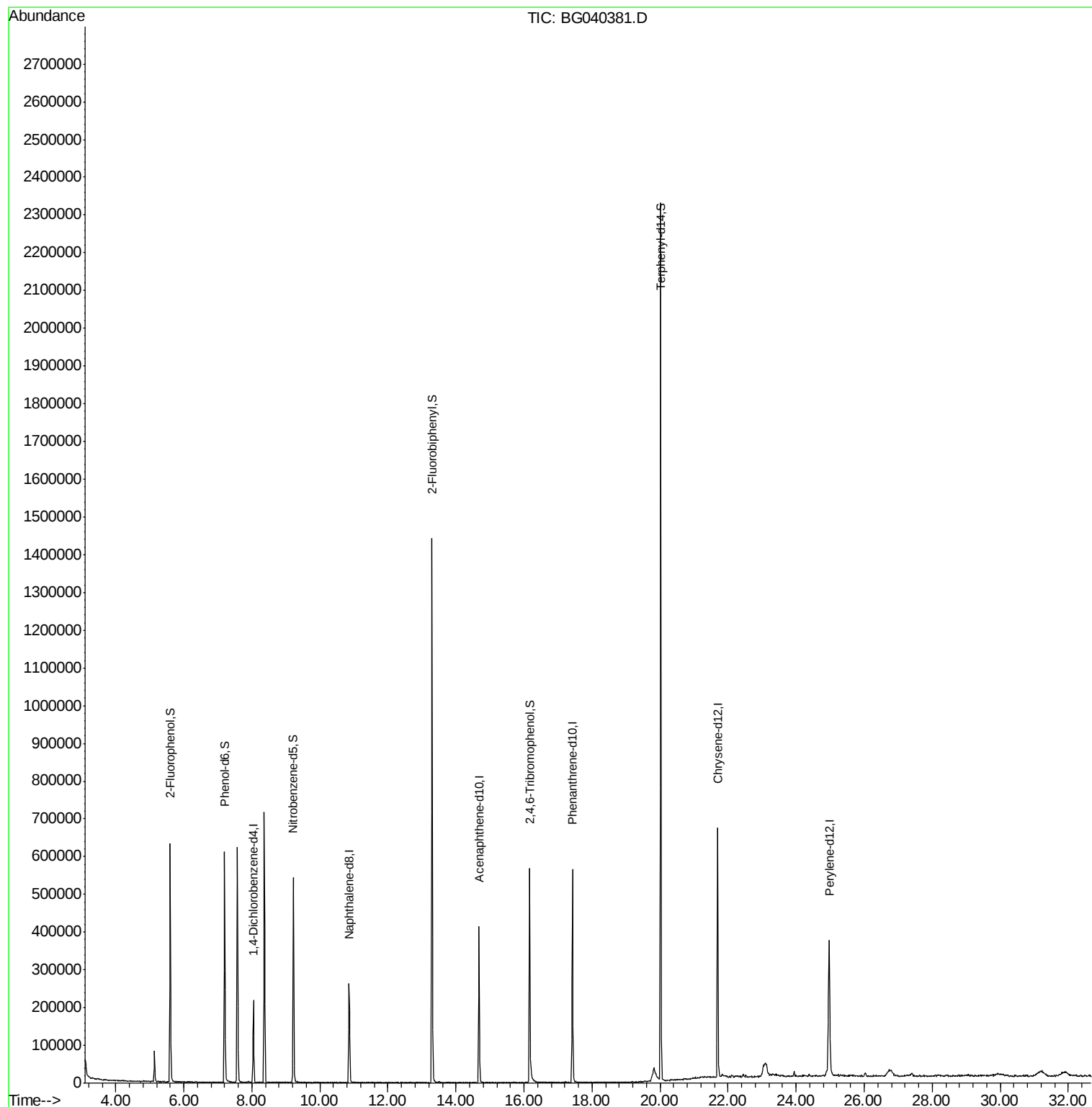
Target Compounds Qvalue

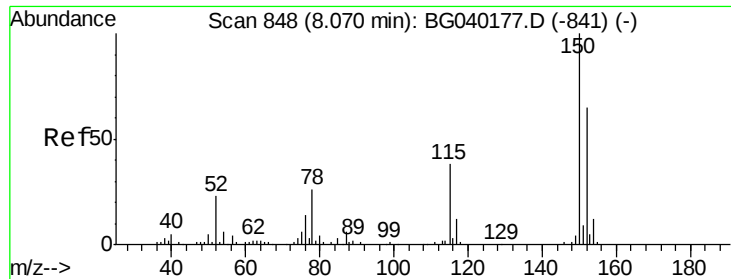
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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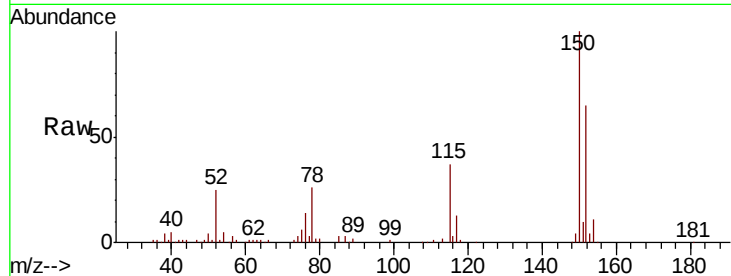


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Instrument :
BNA_G
ClientSampleId :
PB118645BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.7	185.5
115	58.0	46.9	70.3

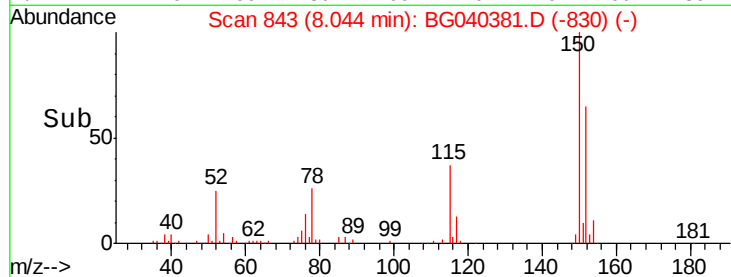
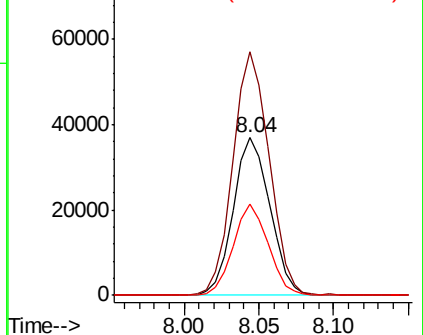


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

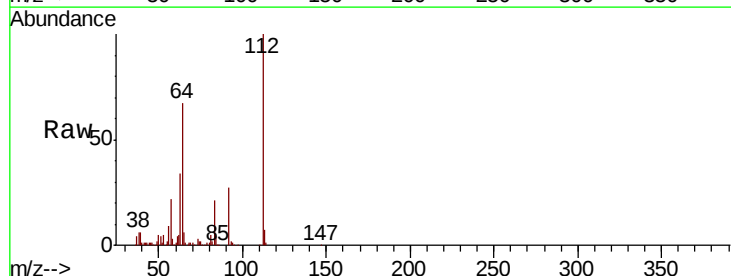
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.544 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.2	81.2
63	34.3	26.4	39.6

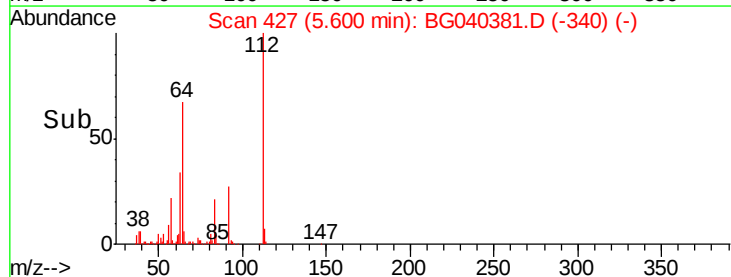
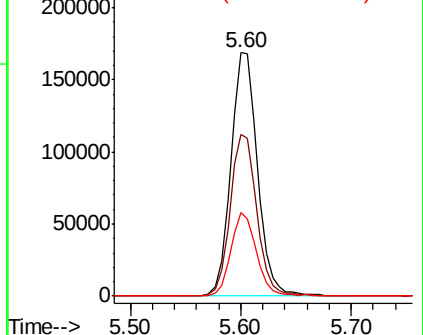


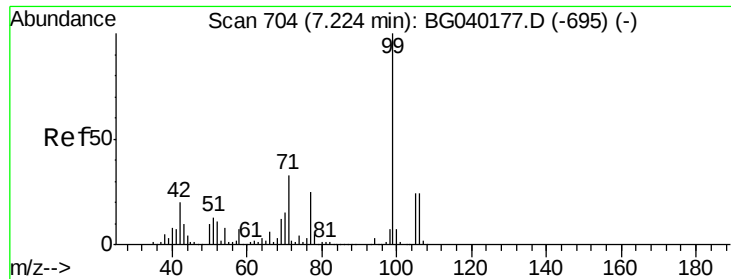
Abundance

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: 72.714 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Instrument :

BNA_G

ClientSampleId :

PB118645BL

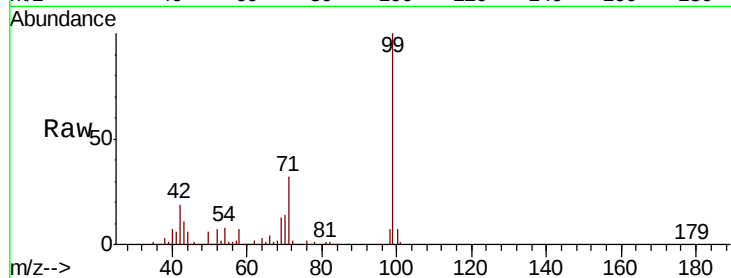
Tot Ion: 99 Resp: 381026

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.2

71 31.6 26.8 40.2

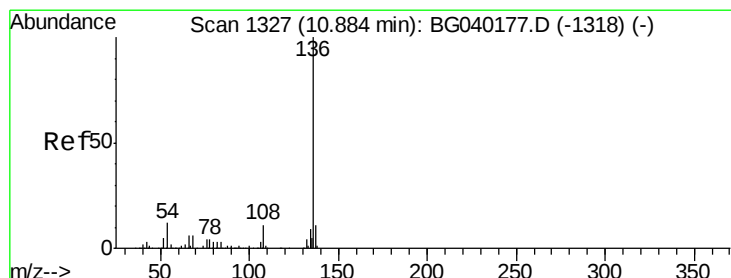
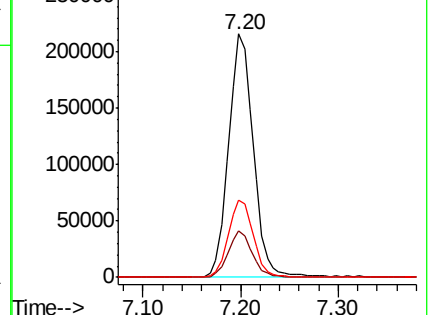
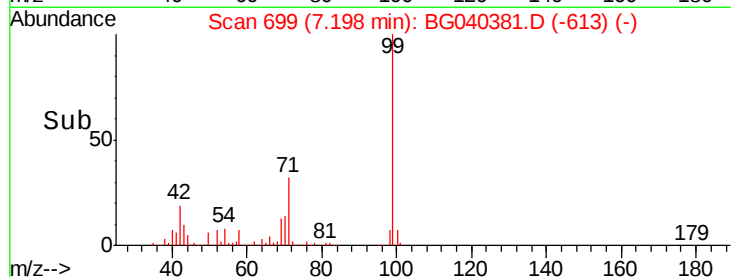


Abundance

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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Tgt Ion: 136 Resp: 245922

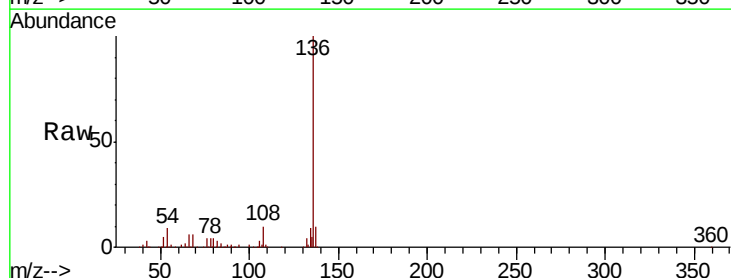
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 8.8 9.6 14.4#

68 5.6 5.1 7.7



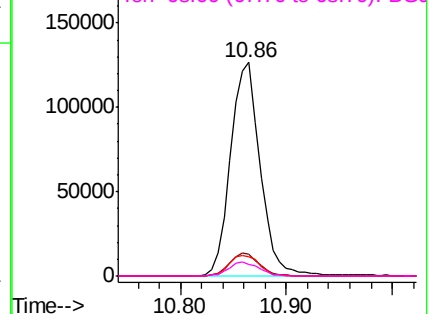
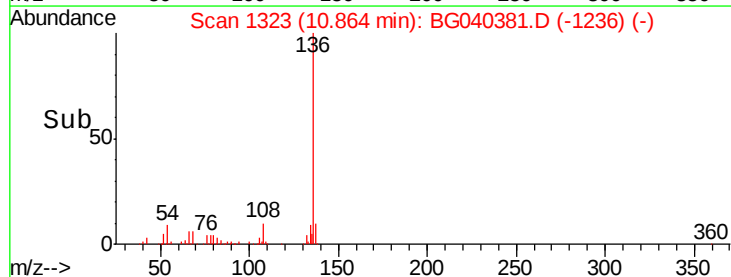
Abundance

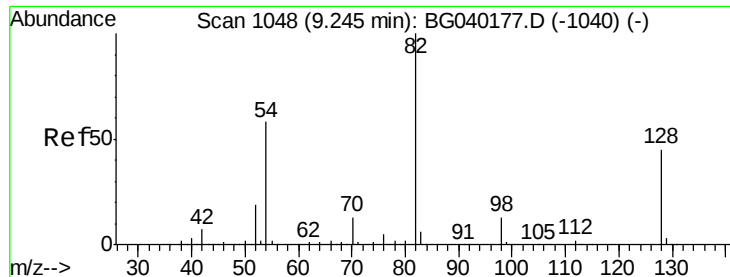
Ion 136.00 (135.70 to 136.70): BGC

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

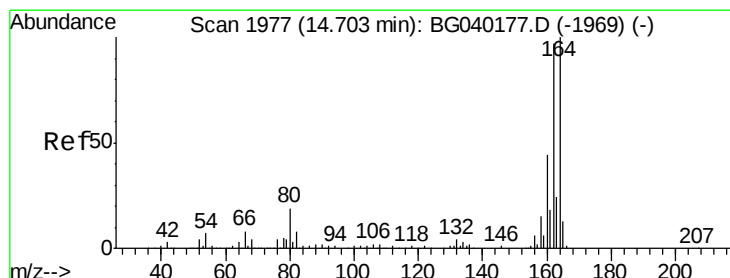
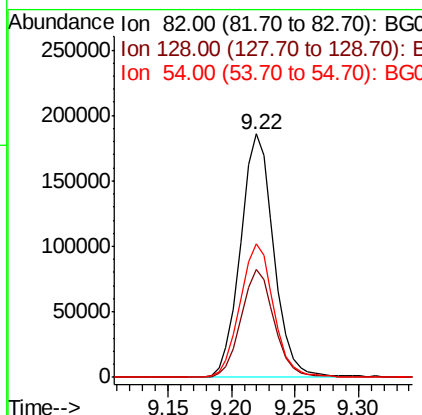
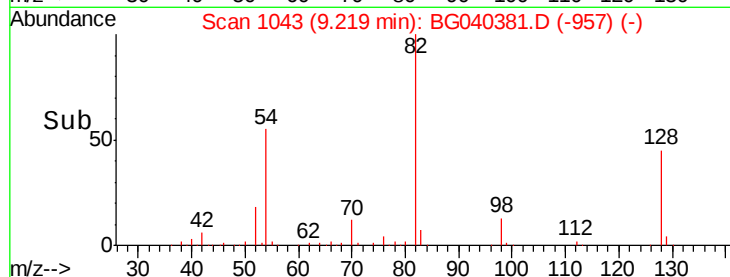
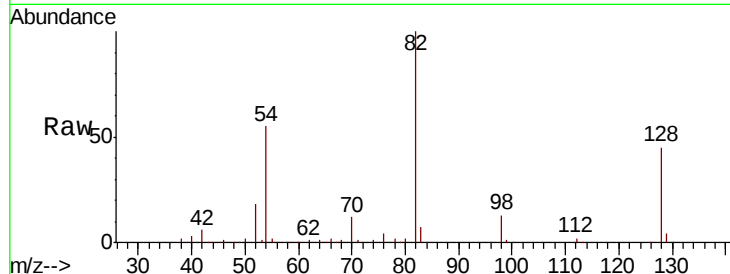




#23
Nitrobenzene-d5
Concen: 73.022 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

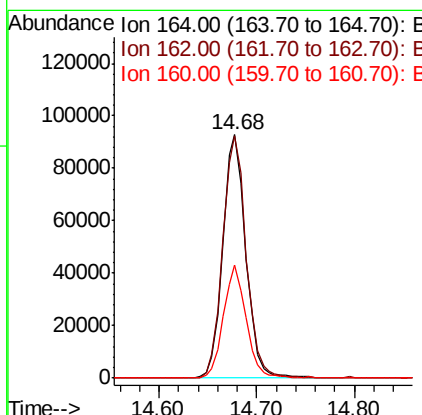
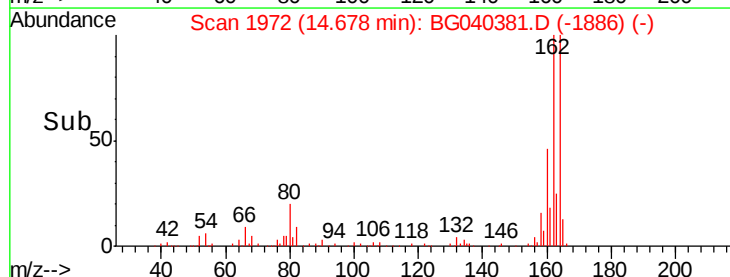
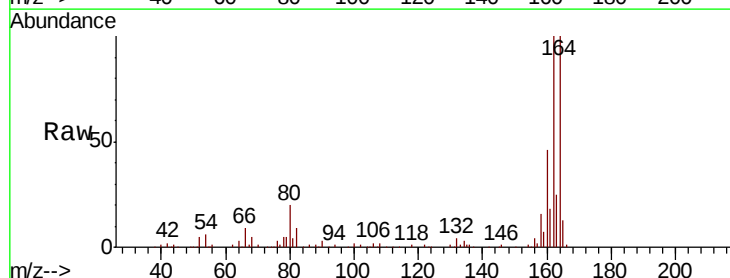
Instrument :
BNA_G
ClientSampleId :
PB118645BL

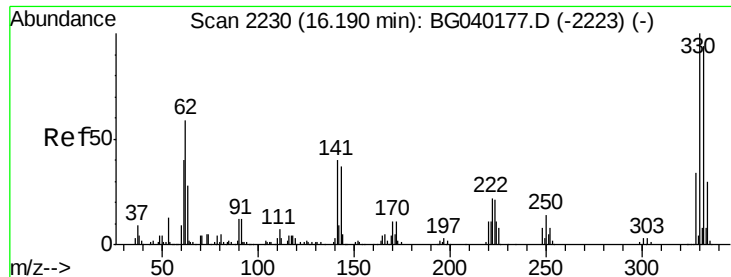
Tot Ion: 82 Resp: 337847
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.8
54 54.9 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040381.D
Acq: 5 Apr 2019 17:45

Tgt Ion:164 Resp: 151125
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 46.3 35.3 52.9

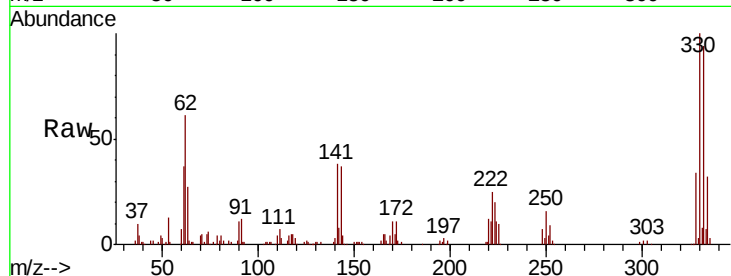




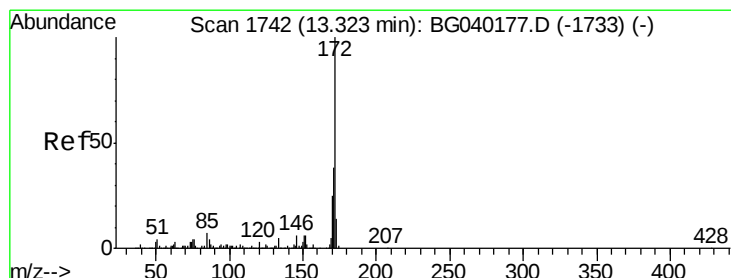
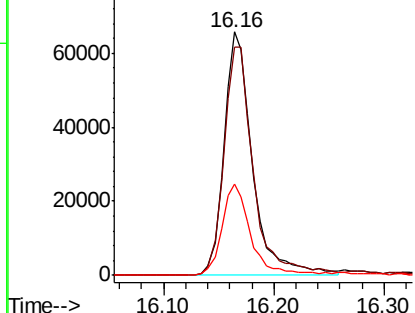
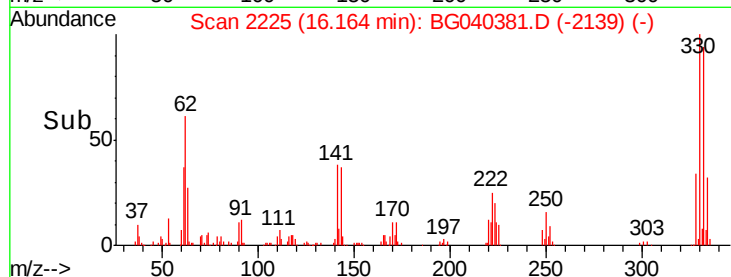
#42
 2,4,6-Tribromophenol
 Concen: 72.352 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

Instrument :
 BNA_G
 ClientSampleId :
 PB118645BL

Tot Ion:330 Resp: 118170
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 37.5 32.6 48.8

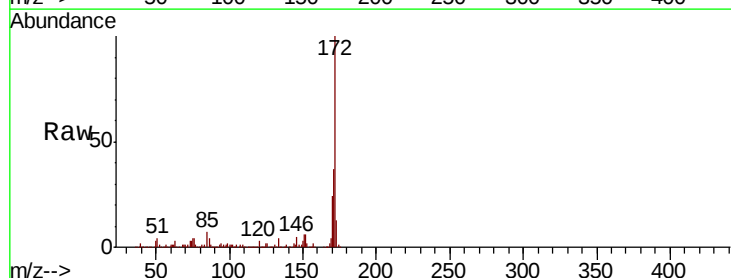


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

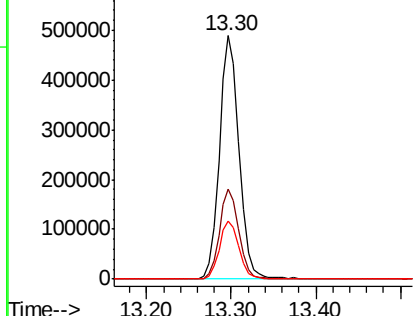
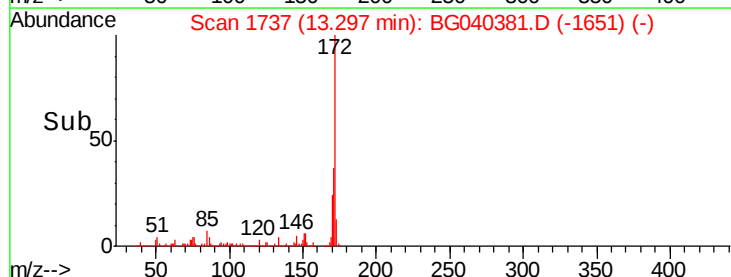


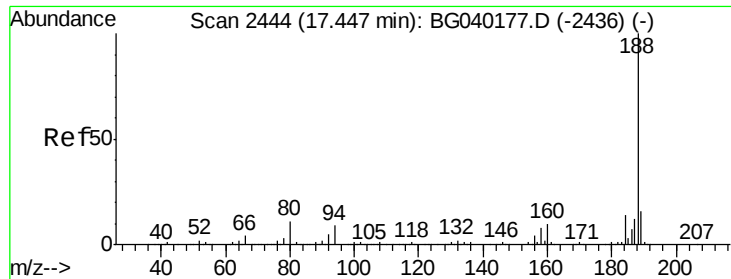
#45
 2-Fluorobiphenyl
 Concen: 77.409 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040381.D
 Acq: 5 Apr 2019 17:45

Tgt Ion:172 Resp: 789495
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 24.0 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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Instrument :

BNA_G

ClientSampleId :

PB118645BL

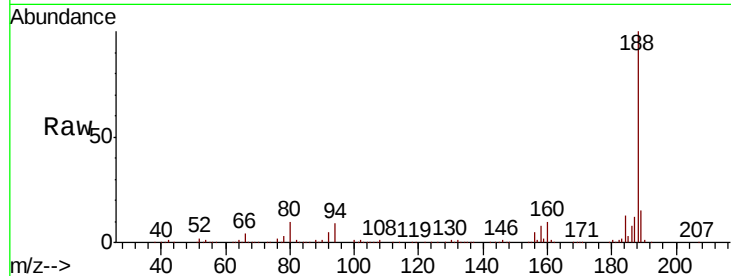
Tot Ion:188 Resp: 366947

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

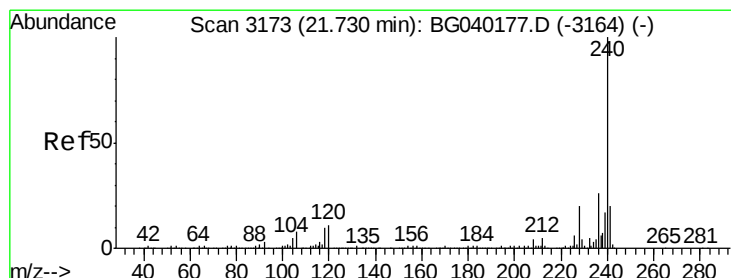
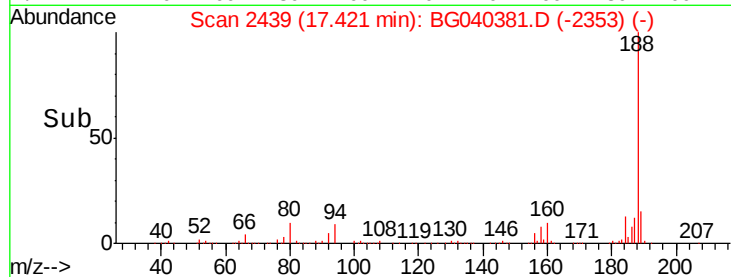
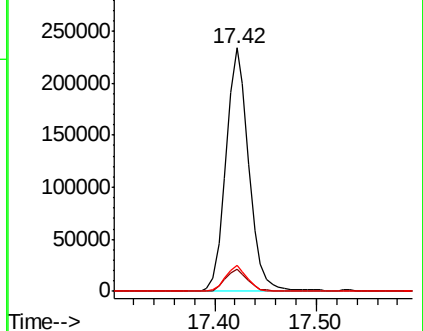
80 10.5 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

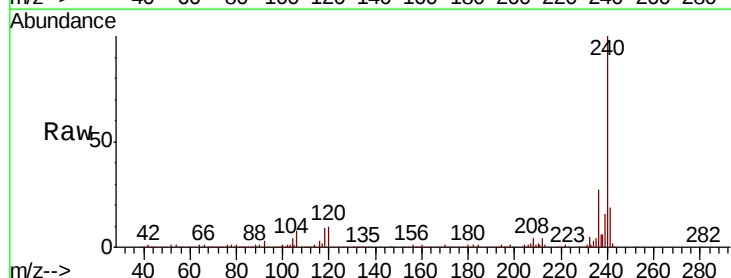
Tgt Ion:240 Resp: 407912

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

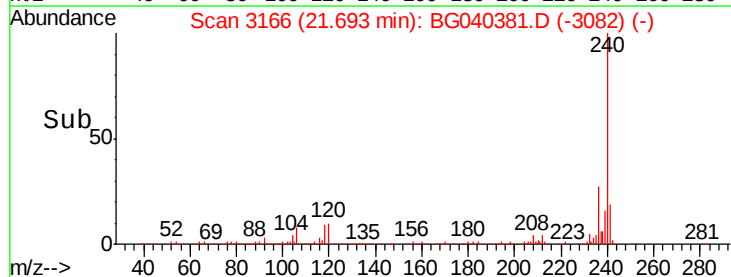
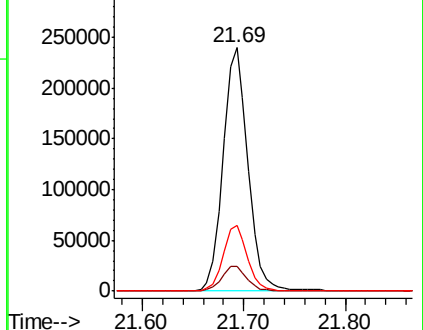
236 27.1 20.8 31.2



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: 63.810 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

Instrument :

BNA_G

ClientSampleId :

PB118645BL

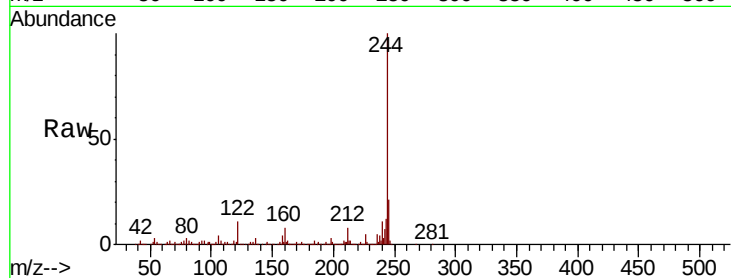
Tot Ion:244 Resp: 1157014

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

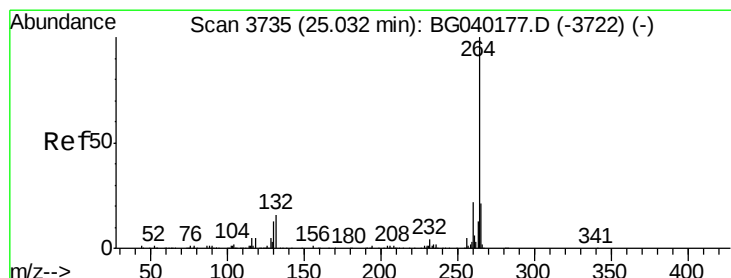
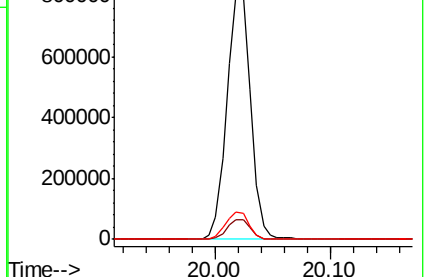
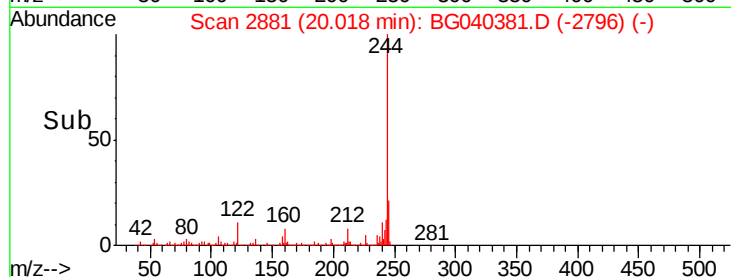
122 11.2 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040381.D

Acq: 5 Apr 2019 17:45

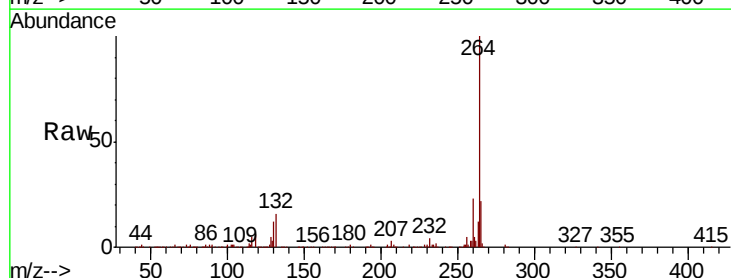
Tgt Ion:264 Resp: 408813

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.0 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

