

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041187.D
 Acq On : 11 Jun 2019 13:33
 Operator : HP/JU
 Sample : IDOC-BL-RC
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BL-RC

Quant Time: Jun 12 02:24:43 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	8.11	152	42034	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166655	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	124356	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	306330	20.00	ng	0.00
76) Chrysene-d12	21.76	240	291697	20.00	ng	0.00
87) Perylene-d12	25.08	264	279316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	337483	144.78	ng	0.00
7) Phenol-d6	7.26	99	504050	140.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	357485	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	262240	142.05	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	855154	99.03	ng	0.00
79) Terphenyl-d14	20.08	244	1434648	104.38	ng	0.00

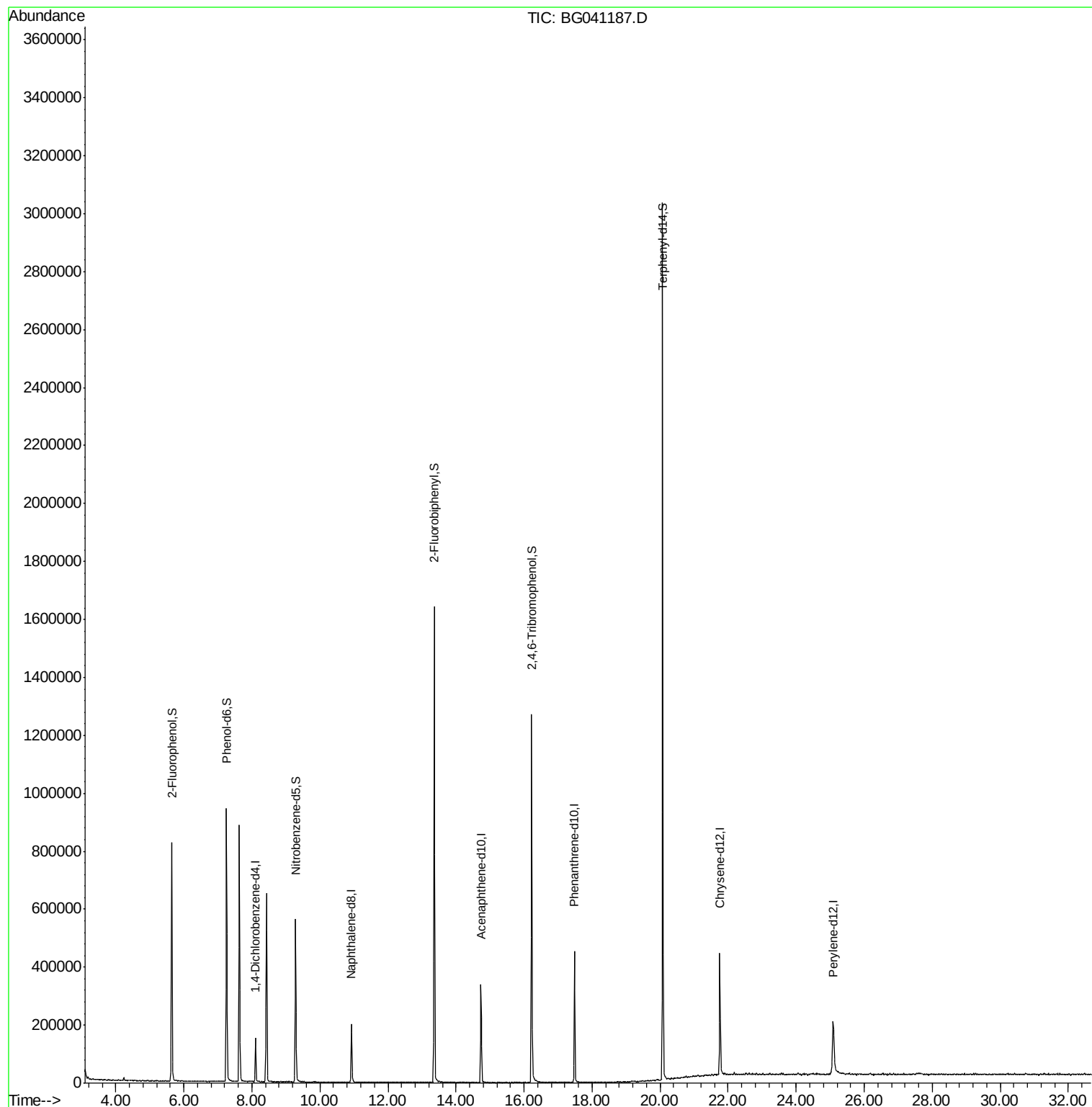
Target Compounds Qvalue

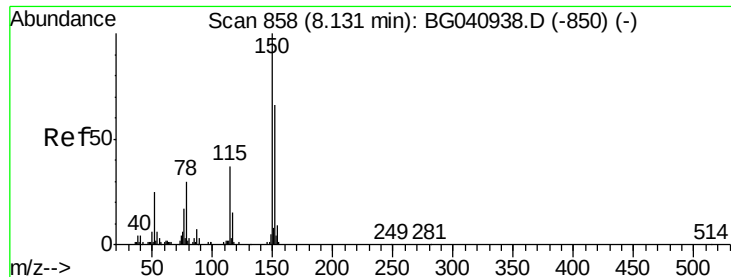
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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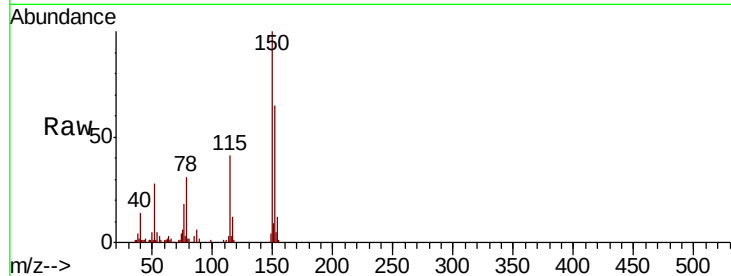


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Instrument :
BNA_G
ClientSampleId :
IDOC-BL-RC

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	120.6	180.8
115	62.8	45.1	67.7

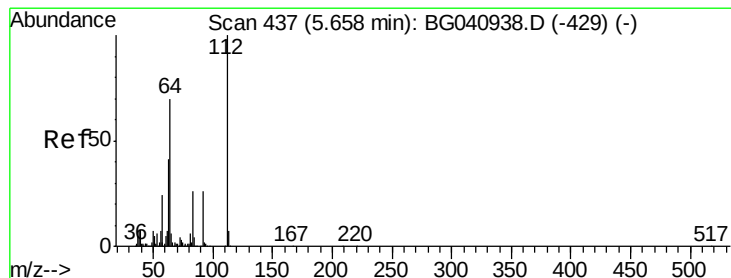
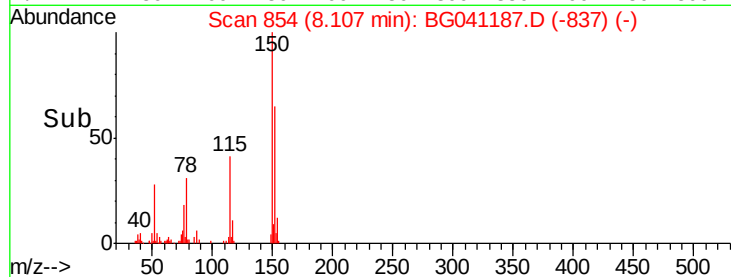
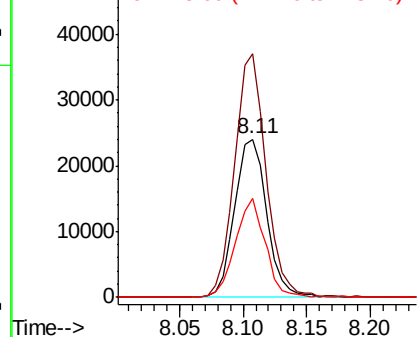


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

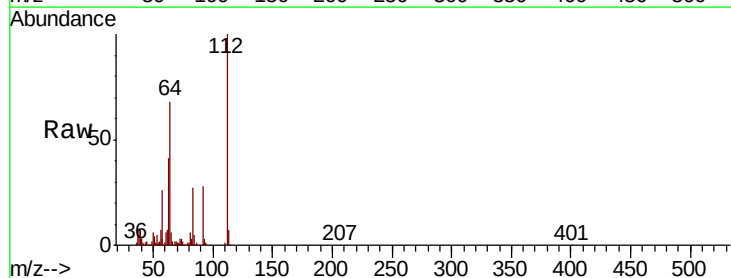
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.776 ng
RT: 5.65 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041187.D
Acq: 11 Jun 2019 13:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.2	84.2
63	41.3	32.8	49.2

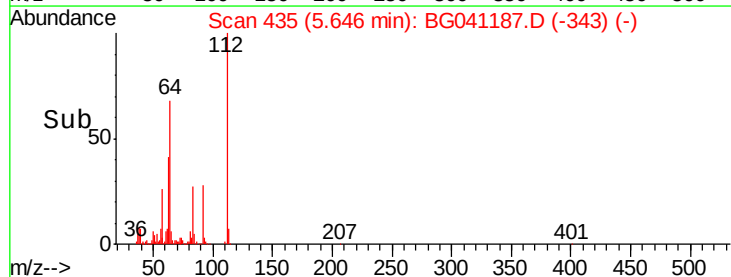
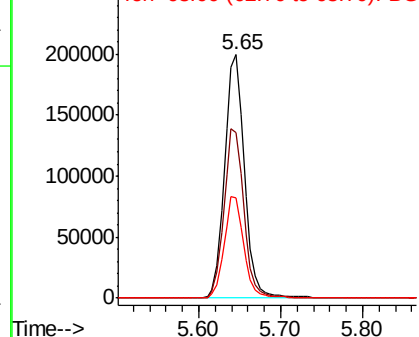


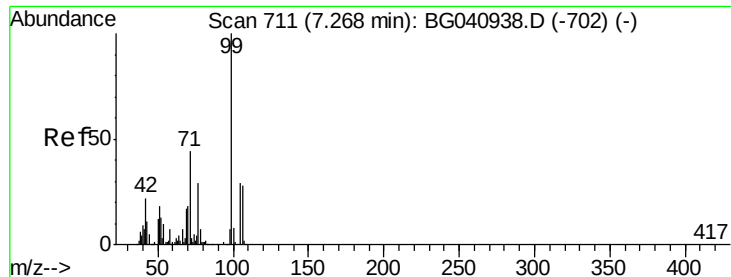
Abundance

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: 140.011 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041187.D

Acq: 11 Jun 2019 13:33

Instrument :

BNA_G

ClientSampleId :

IDOC-BL-RC

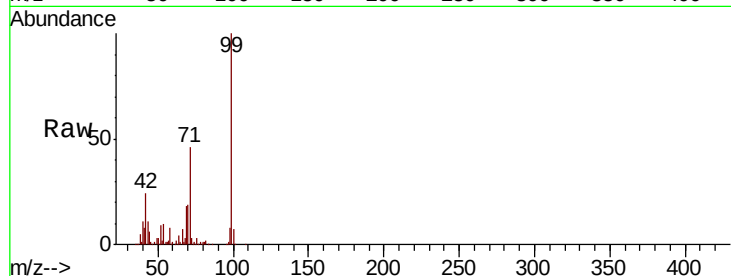
Tot Ion: 99 Resp: 504050

Ion Ratio Lower Upper

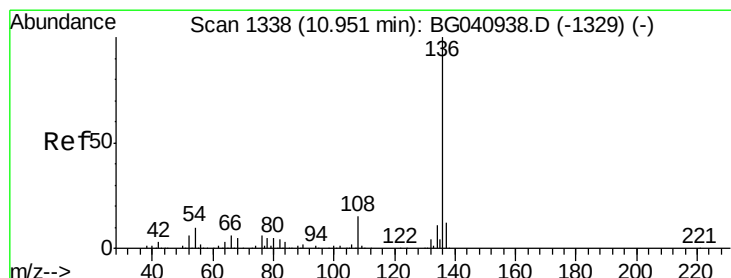
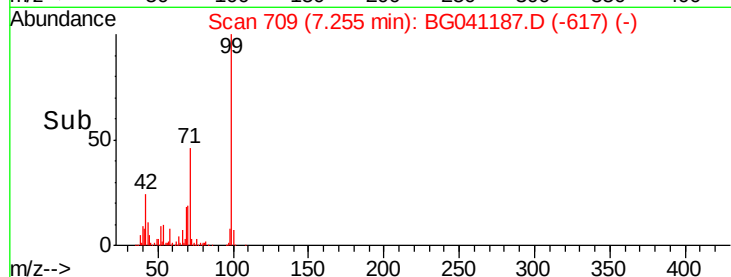
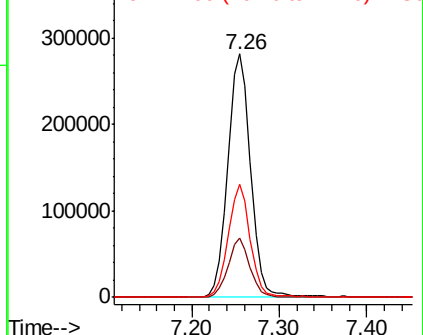
99 100

42 24.3 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: BG041187.D

Acq: 11 Jun 2019 13:33

Tgt Ion: 136 Resp: 166655

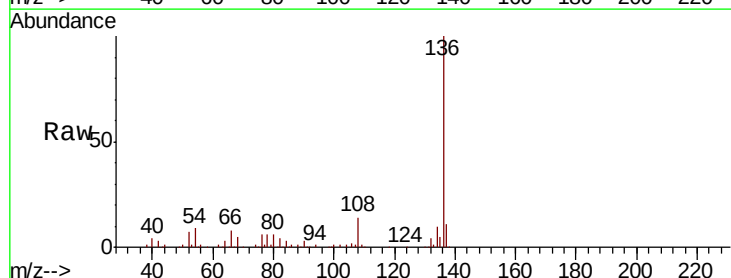
Ion Ratio Lower Upper

136 100

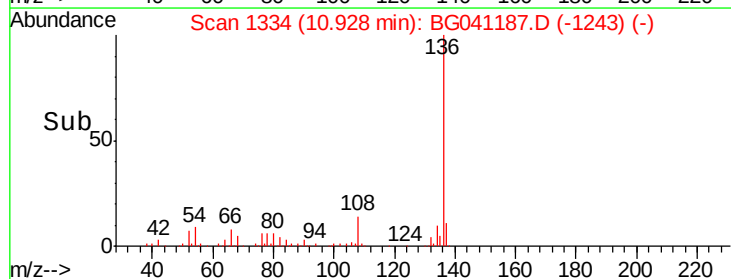
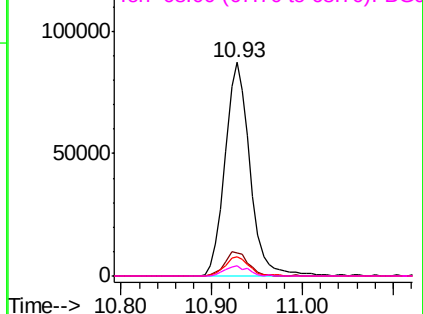
137 10.7 9.5 14.3

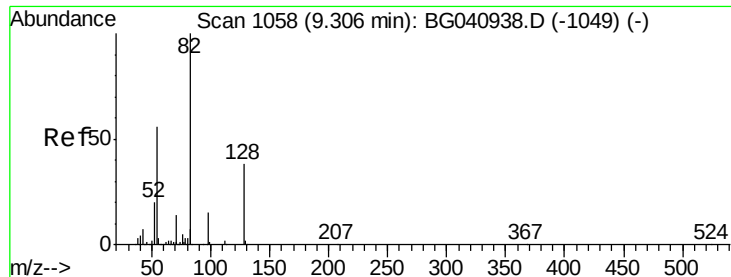
54 9.2 7.6 11.4

68 5.0 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

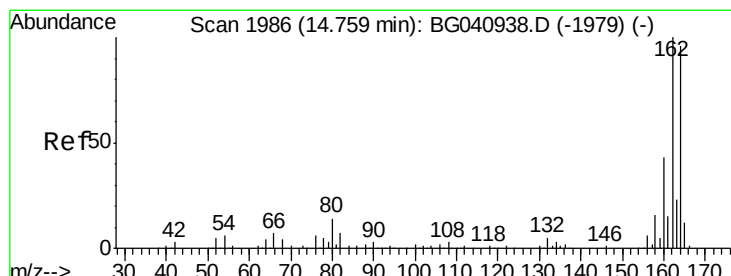
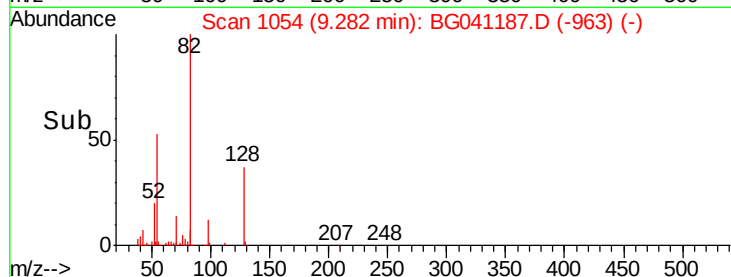
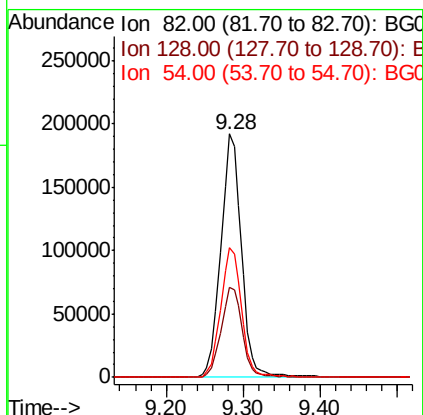
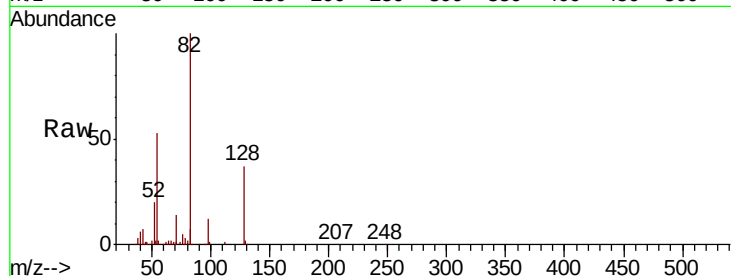




#23
 Nitrobenzene-d5
 Concen: 95.227 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

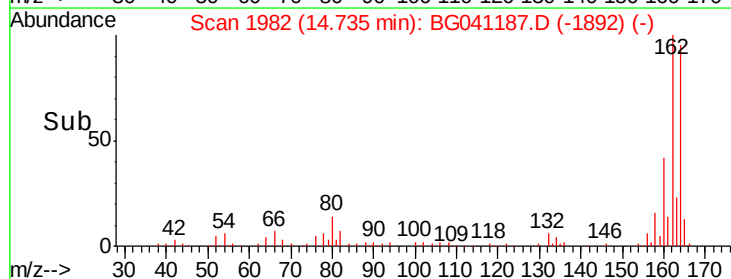
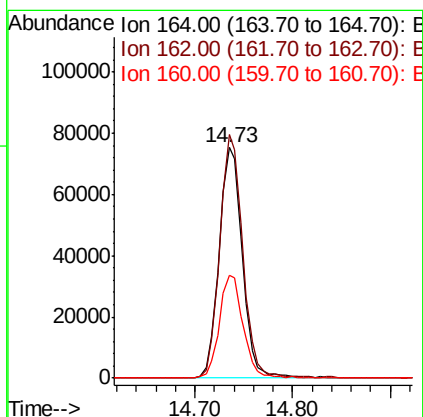
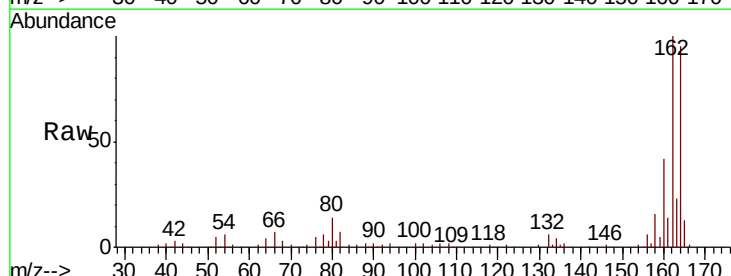
Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BL-RC

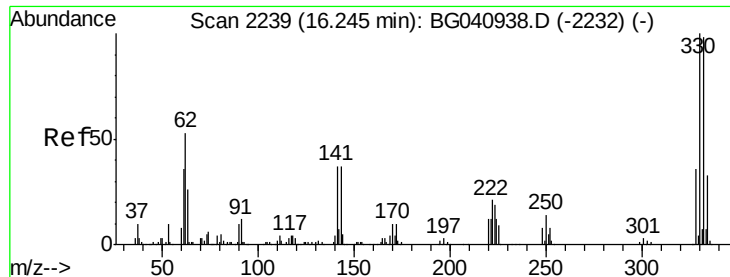
Tot Ion	82	Resp	357485
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.5	45.7
54	53.2	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

Tgt Ion	164	Resp	124356
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.4
160	44.5	35.6	53.4

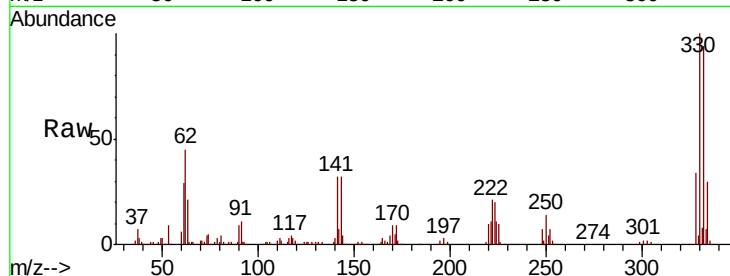




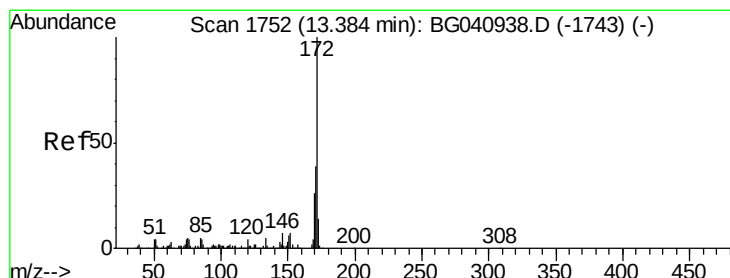
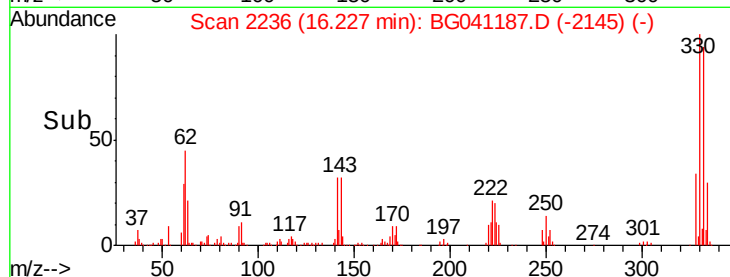
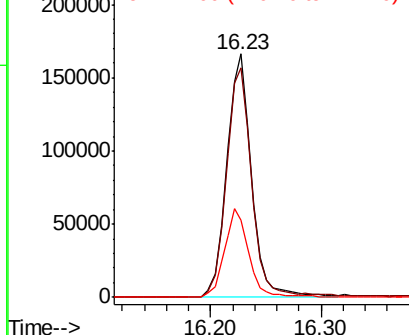
#42
 2,4,6-Tribromophenol
 Concen: 142.047 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BL-RC

Tot Ion:330 Resp: 262240
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.5 117.7
 141 35.8 28.7 43.1

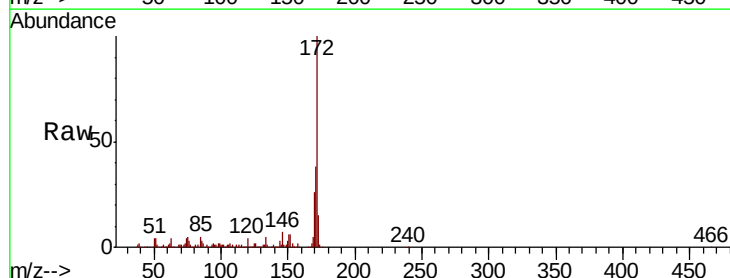


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

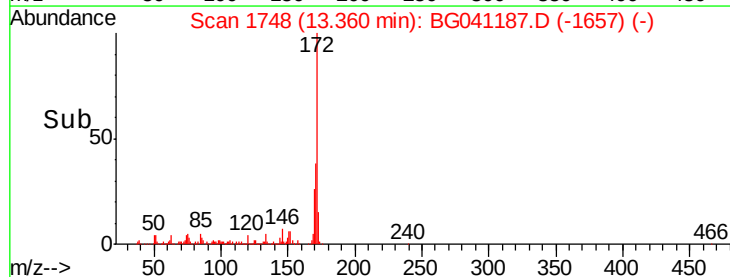
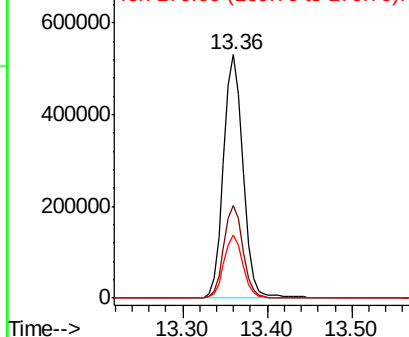


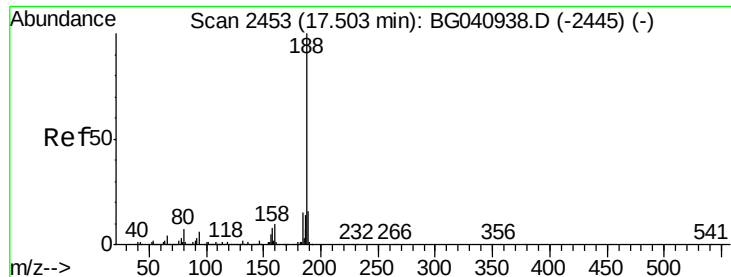
#45
 2-Fluorobiphenyl
 Concen: 99.031 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

Tgt Ion:172 Resp: 855154
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.1 46.7
 170 25.7 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: BG041187.D

Acq: 11 Jun 2019 13:33

Instrument :

BNA_G

ClientSampleId :

IDOC-BL-RC

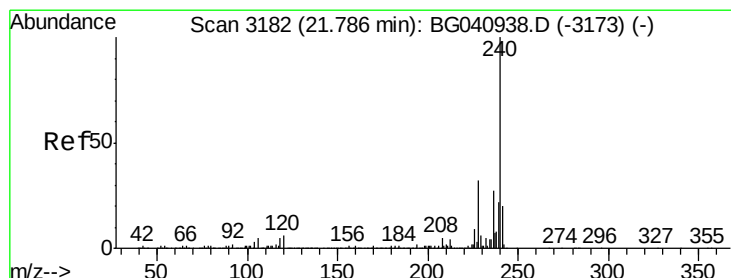
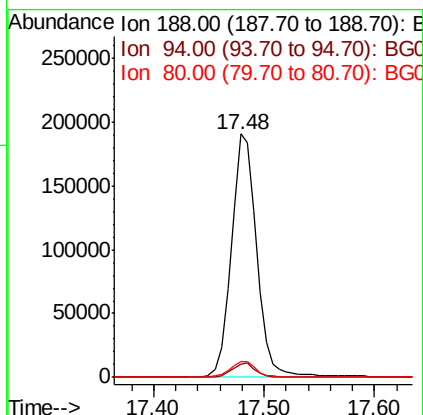
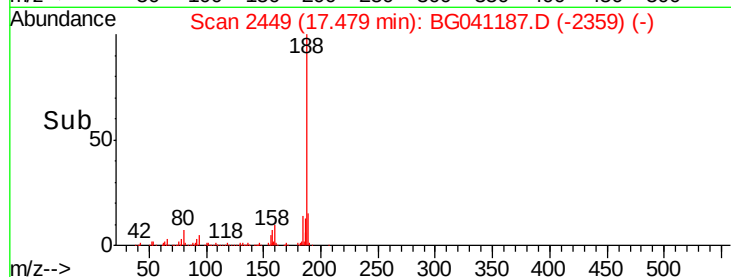
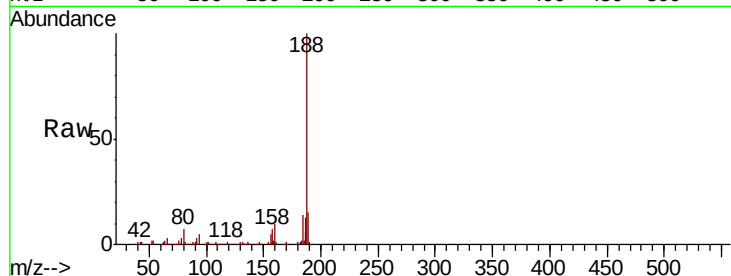
Tot Ion:188 Resp: 306330

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

80 6.7 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: BG041187.D

Acq: 11 Jun 2019 13:33

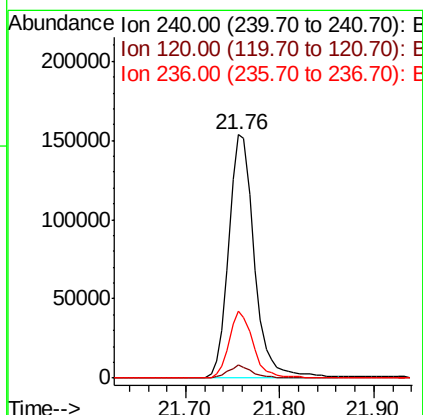
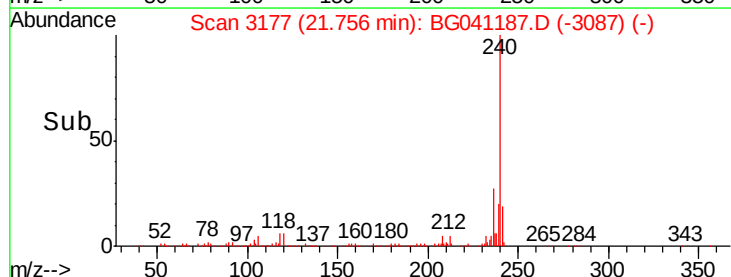
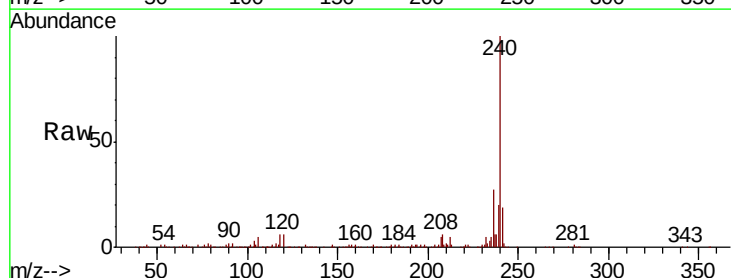
Tgt Ion:240 Resp: 291697

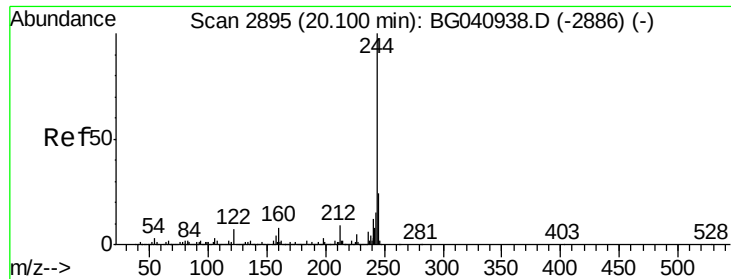
Ion Ratio Lower Upper

240 100

120 5.7 4.5 6.7

236 27.3 21.3 31.9



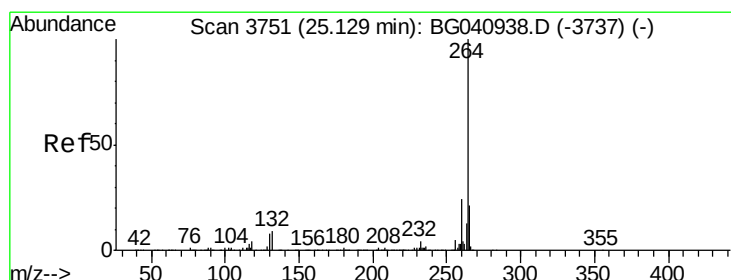
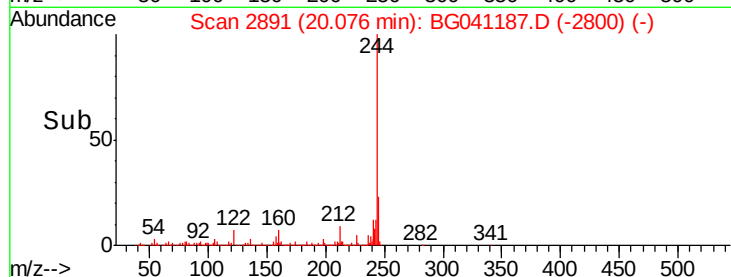
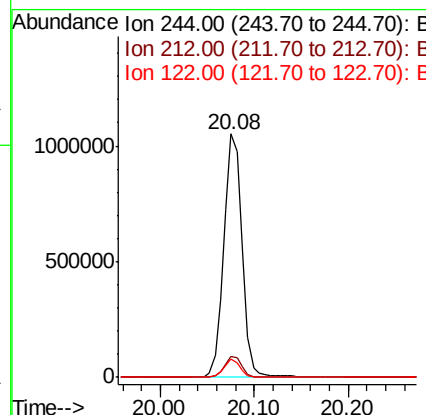
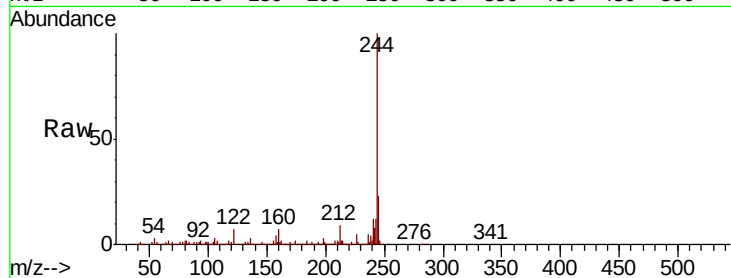


#79
 Terphenyl-d14
 Concen: 104.383 ng
 RT: 20.08 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-BL-RC

Tot Ion:244 Resp: 1434648

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	7.4	5.4	8.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BG041187.D
 Acq: 11 Jun 2019 13:33

Tgt Ion:264 Resp: 279316

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.9	17.0	25.4

