

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041197.D
 Acq On : 11 Jun 2019 20:33
 Operator : HP/JU
 Sample : PB120503TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120503TB

Quant Time: Jun 12 03:31:49 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	34059	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	150682	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	116446	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	288684	20.00	ng	0.00
76) Chrysene-d12	21.76	240	280779	20.00	ng	0.00
87) Perylene-d12	25.09	264	251065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	273622	144.87	ng	0.00
7) Phenol-d6	7.25	99	415103	142.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	299604	88.27	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	226954	131.28	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	749762	92.72	ng	0.00
79) Terphenyl-d14	20.07	244	1348276	101.91	ng	0.00

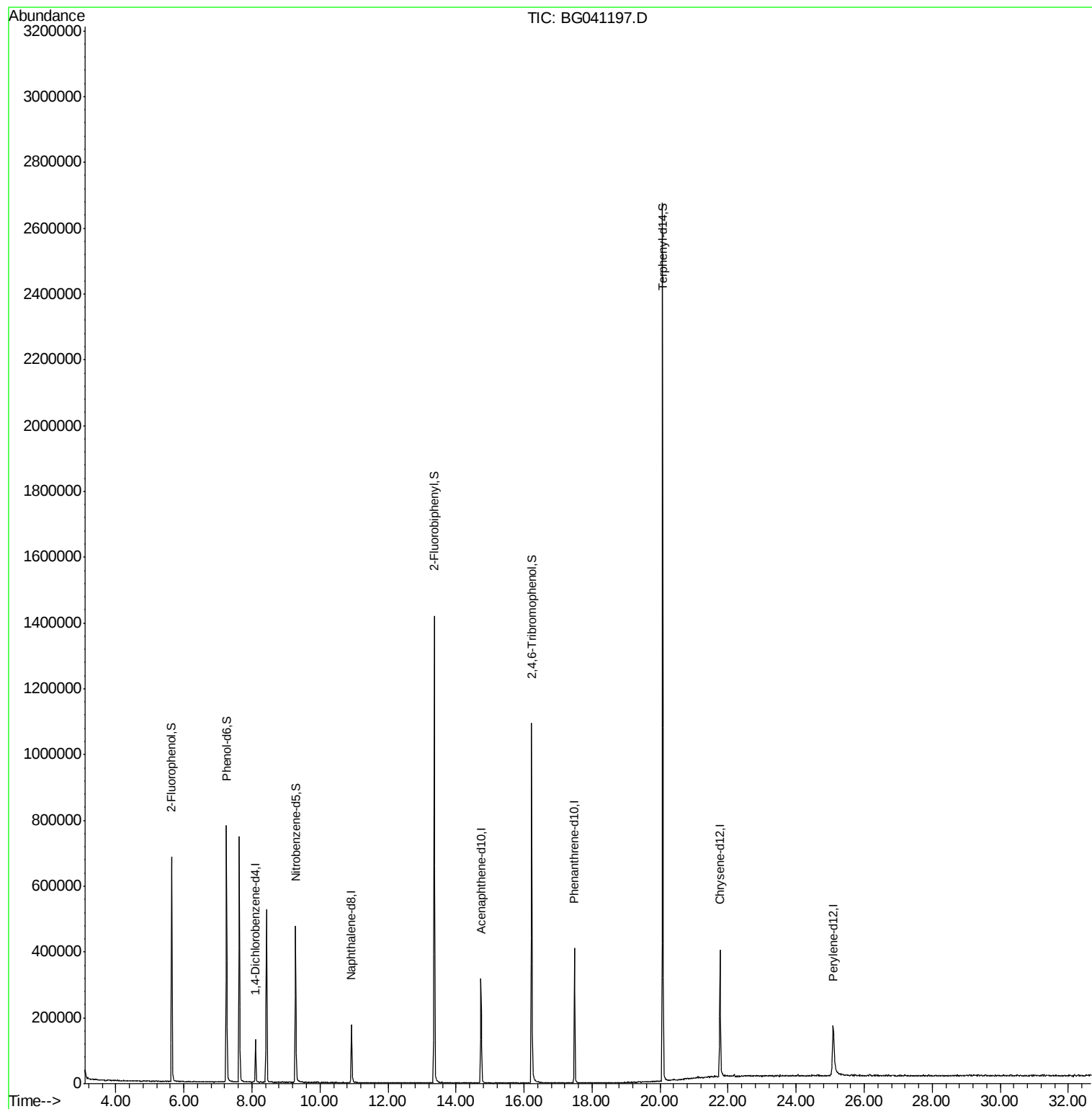
Target Compounds Qvalue

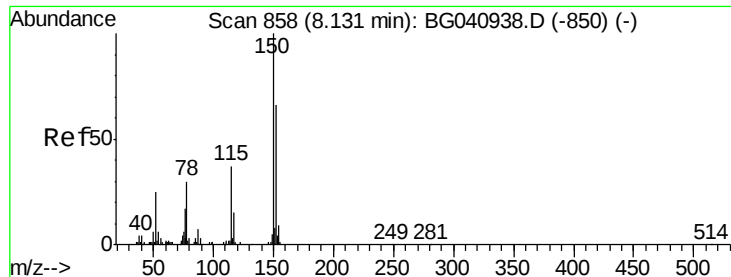
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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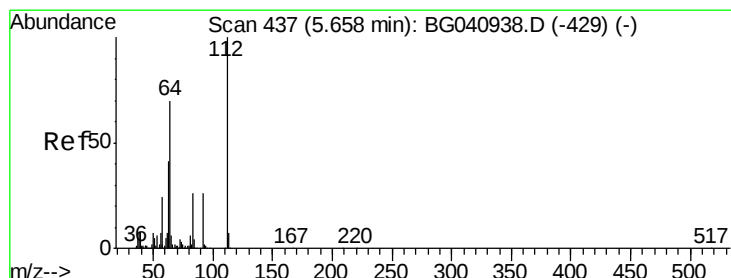
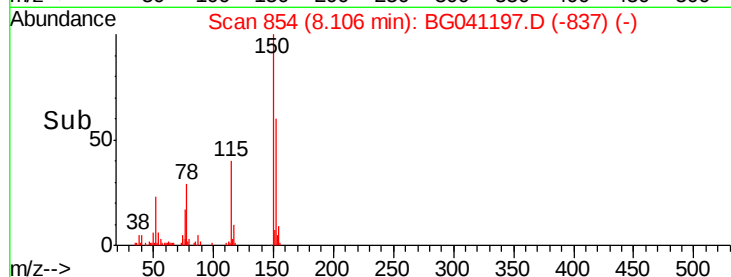
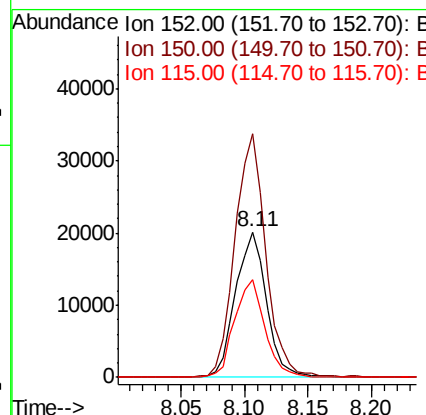
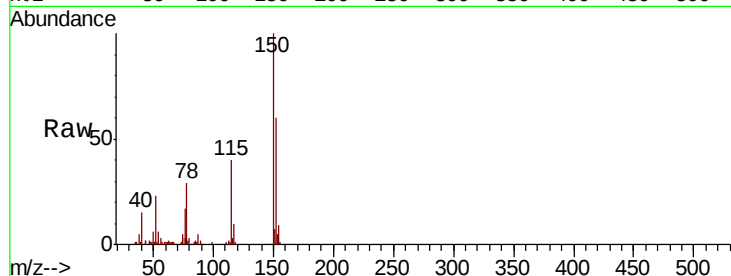


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041197.D
Acq: 11 Jun 2019 20:33

Instrument :
BNA_G
ClientSampleId :
PB120503TB

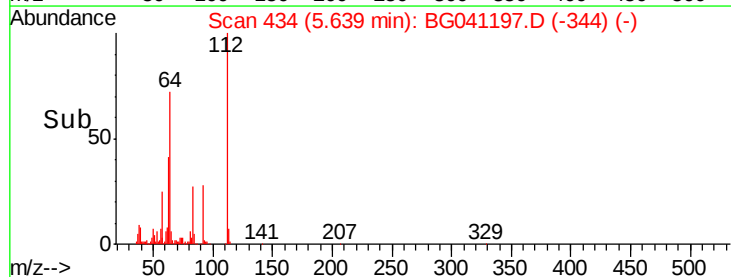
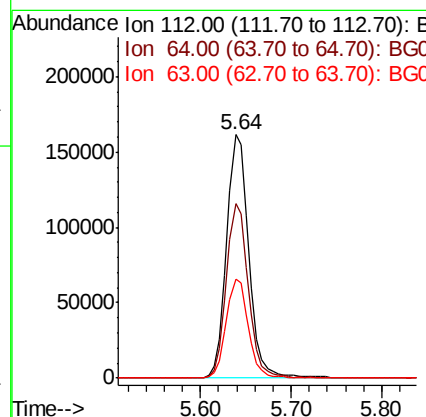
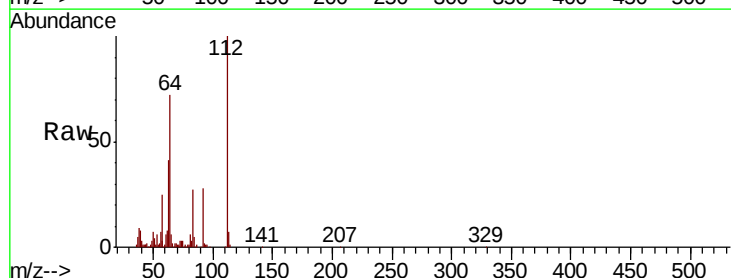
Tot Ion:152 Resp: 34059
Ion Ratio Lower Upper
152 100
150 167.5 120.6 180.8
115 66.8 45.1 67.7



#5

2-Fluorophenol
Concen: 144.866 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041197.D
Acq: 11 Jun 2019 20:33

Tgt Ion:112 Resp: 273622
Ion Ratio Lower Upper
112 100
64 71.9 56.2 84.2
63 40.6 32.8 49.2





#7

Phenol-d6

Concen: 142.302 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041197.D

Acq: 11 Jun 2019 20:33

Instrument :

BNA_G

ClientSampleId :

PB120503TB

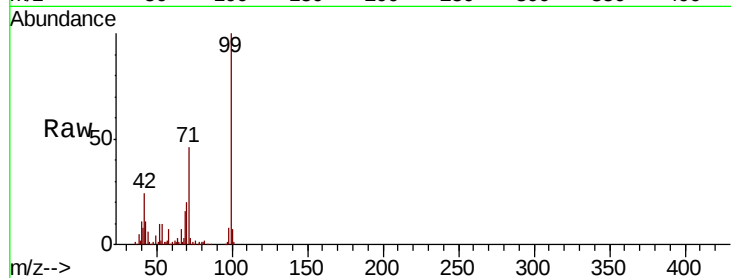
Tot Ion: 99 Resp: 415103

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 45.7 35.4 53.0

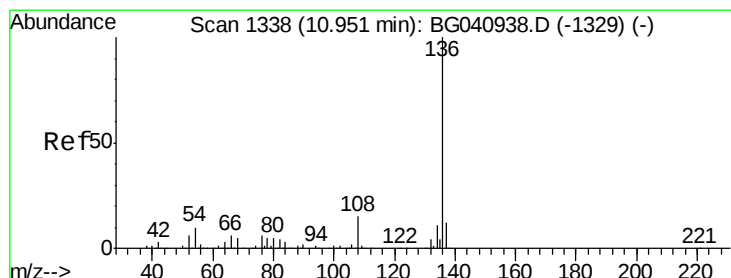
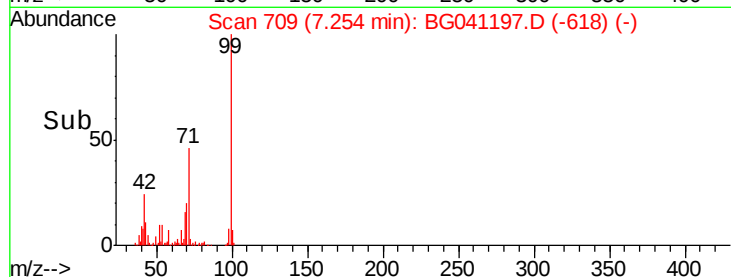
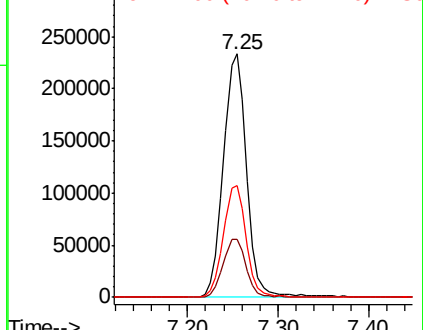


Abundance

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: BG041197.D

Acq: 11 Jun 2019 20:33

Tgt Ion: 136 Resp: 150682

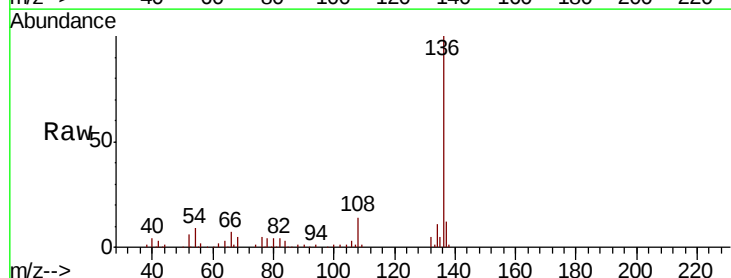
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 8.8 7.6 11.4

68 5.1 3.9 5.9



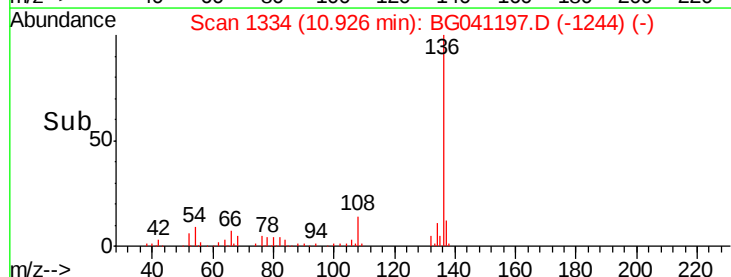
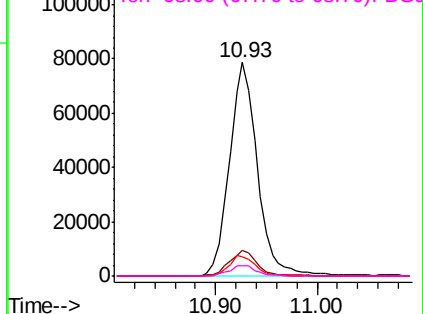
Abundance

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

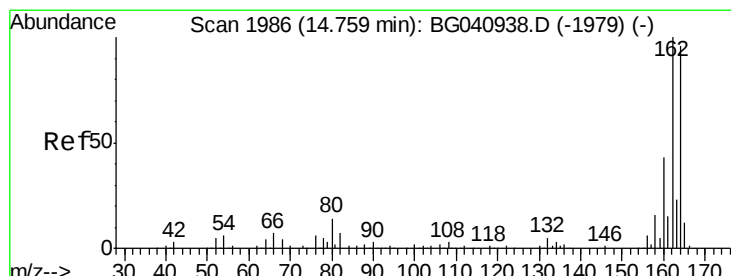
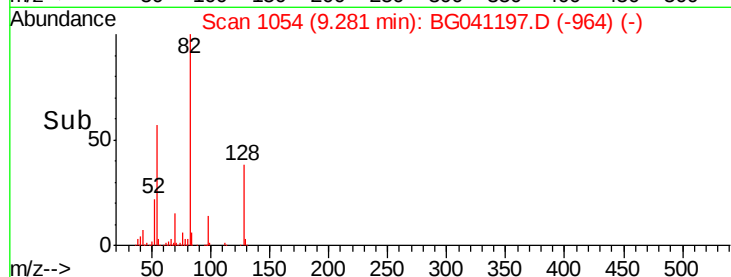
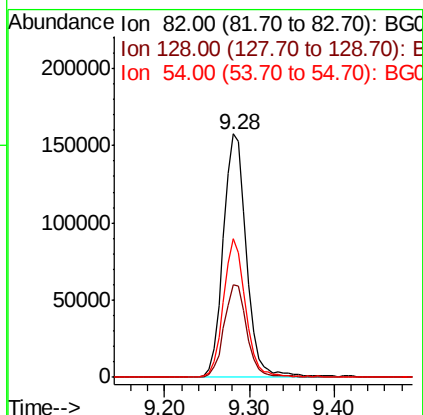
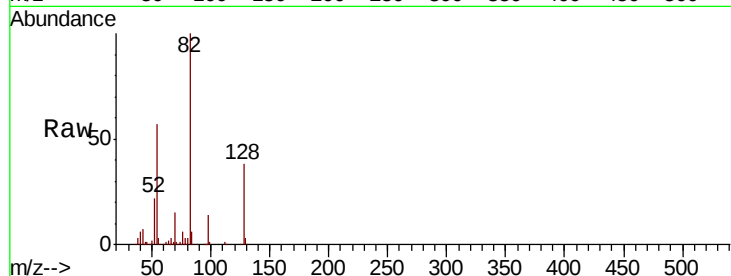




#23
 Nitrobenzene-d5
 Concen: 88.269 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041197.D
 Acq: 11 Jun 2019 20:33

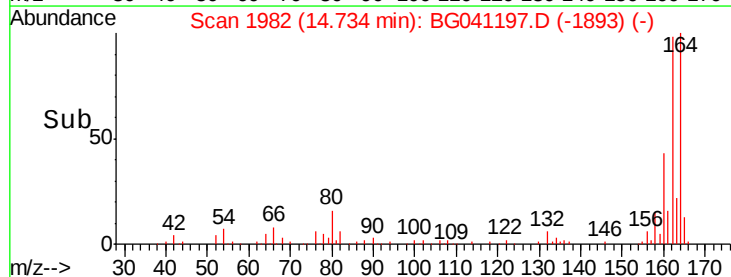
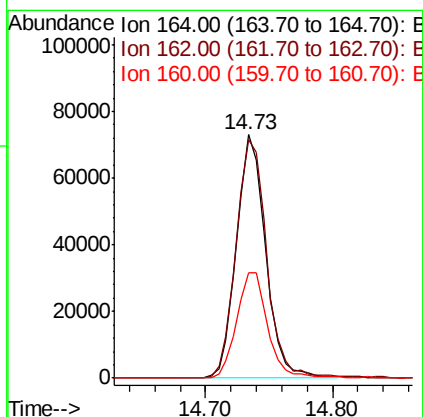
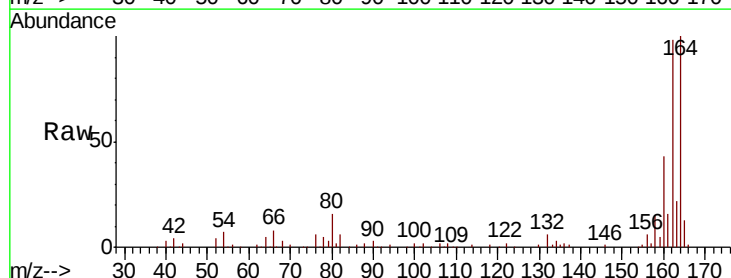
Instrument :
 BNA_G
 ClientSampleId :
 PB120503TB

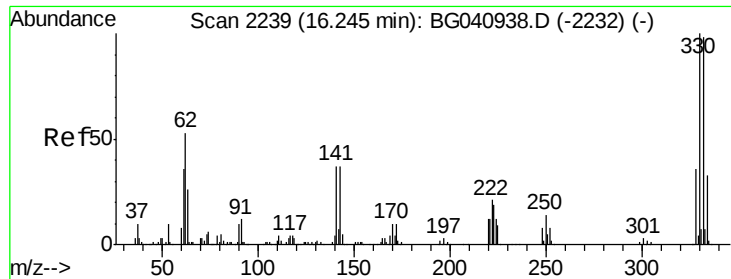
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.5	45.7
54	56.7	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041197.D
 Acq: 11 Jun 2019 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	83.0	124.4
160	43.5	35.6	53.4

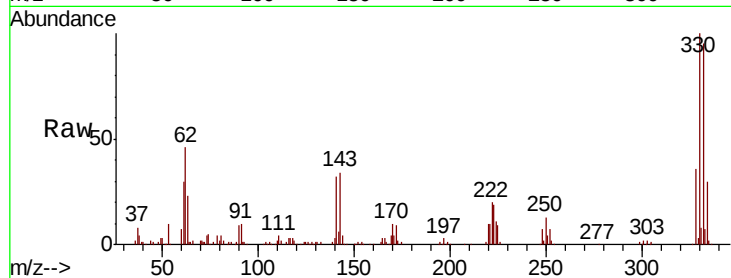




#42
 2,4,6-Tribromophenol
 Concen: 131.284 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041197.D
 Acq: 11 Jun 2019 20:33

Instrument :
 BNA_G
 ClientSampleId :
 PB120503TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.5	117.7
141	35.4	28.7	43.1

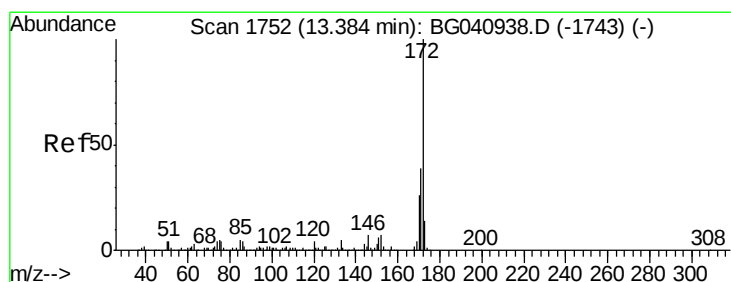
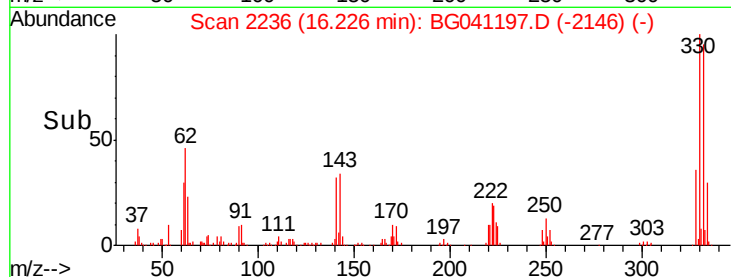
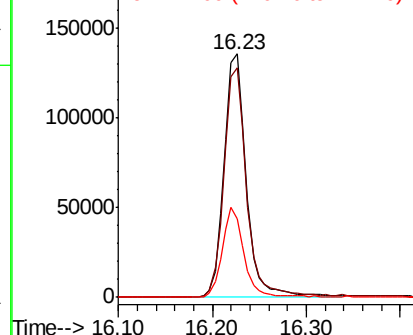


Abundance

Ion 329.80 (329.50 to 330.50): E

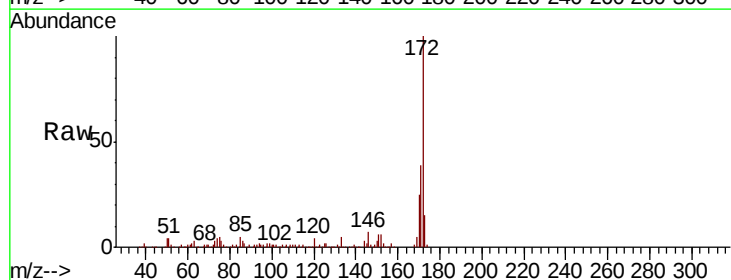
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.724 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041197.D
 Acq: 11 Jun 2019 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	24.5	20.5	30.7

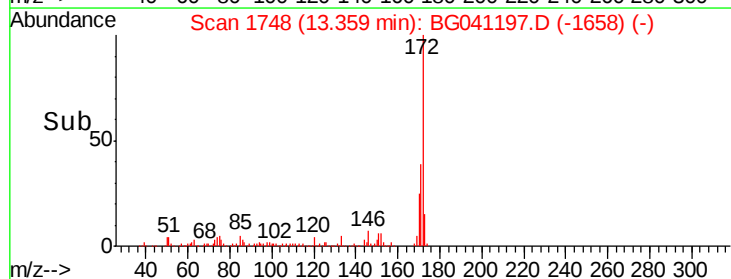
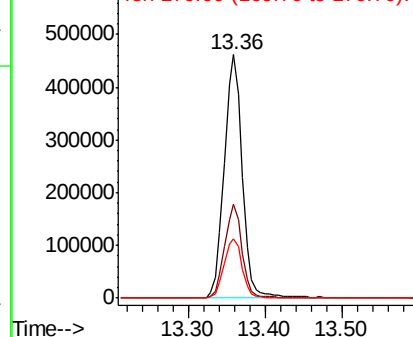


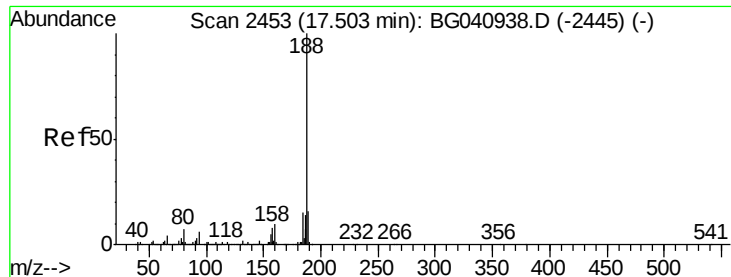
Abundance

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: BG041197.D

Acq: 11 Jun 2019 20:33

Instrument :

BNA_G

ClientSampleId :

PB120503TB

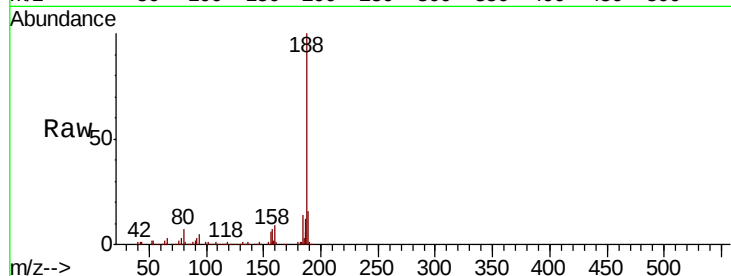
Tot Ion:188 Resp: 288684

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

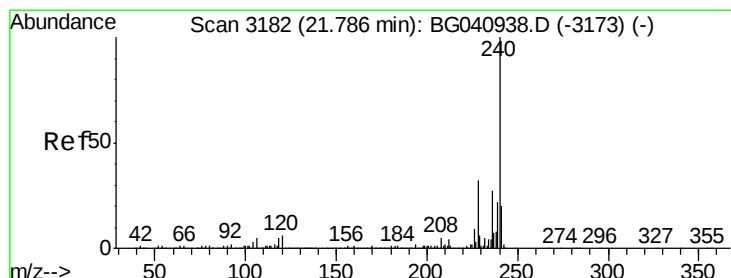
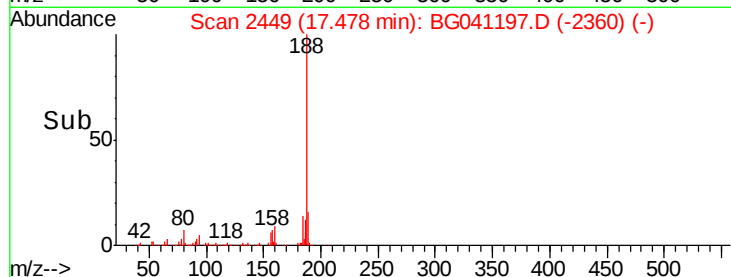
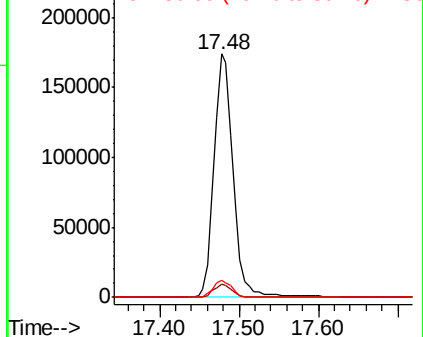
80 7.0 5.8 8.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041197.D

Acq: 11 Jun 2019 20:33

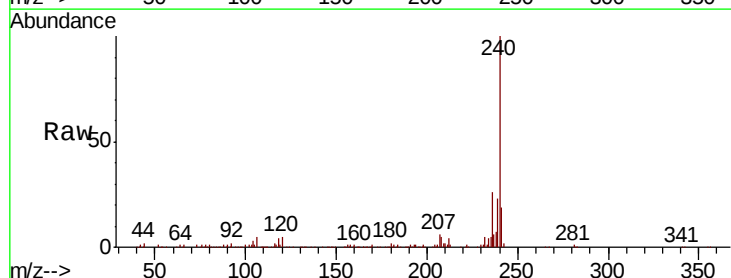
Tgt Ion:240 Resp: 280779

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7

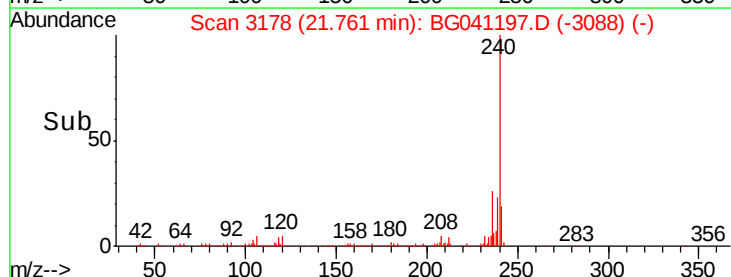
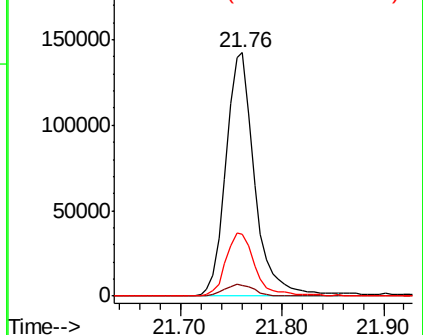
236 25.6 21.3 31.9

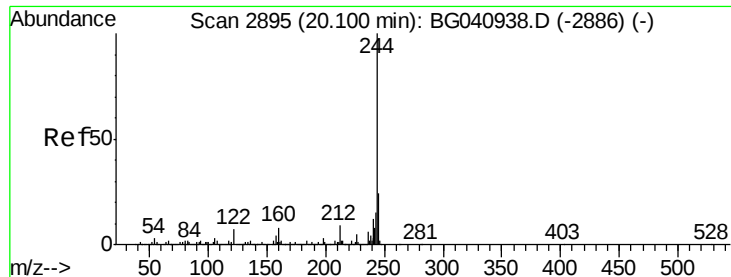


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.913 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041197.D

Acq: 11 Jun 2019 20:33

Instrument :

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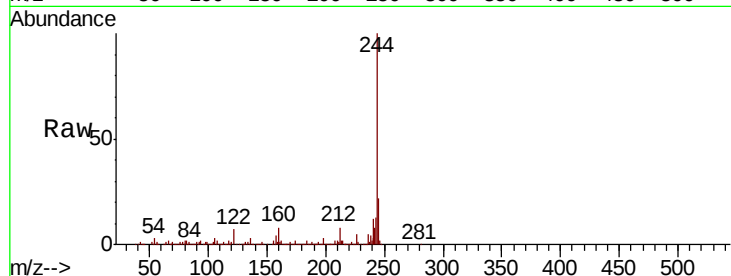
Tot Ion:244 Resp: 1348276

Ion Ratio Lower Upper

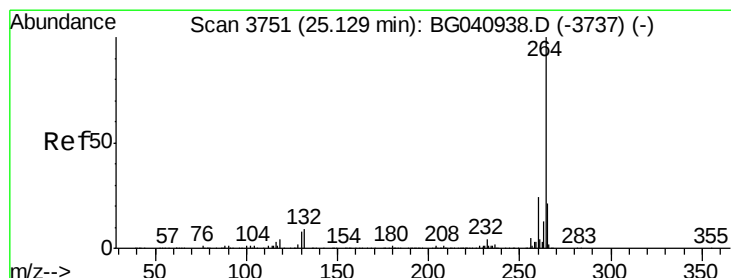
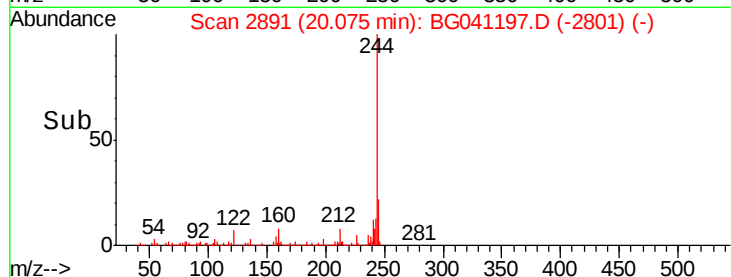
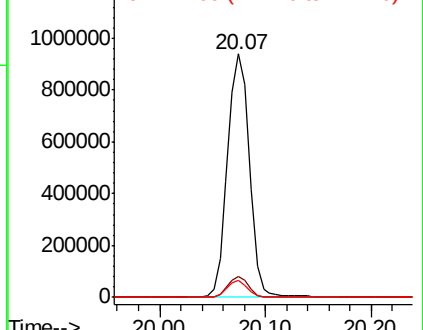
244 100

212 8.4 7.0 10.4

122 7.2 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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041197.D

Acq: 11 Jun 2019 20:33

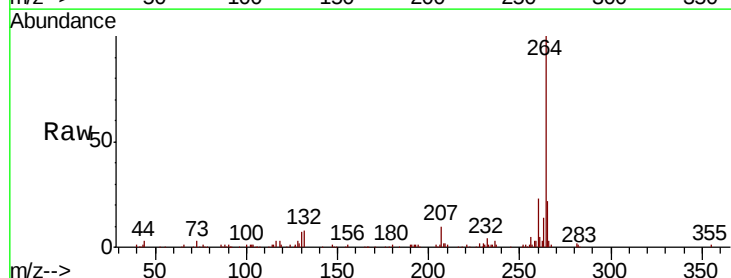
Tgt Ion:264 Resp: 251065

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.7 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

