

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041204.D
 Acq On : 12 Jun 2019 13:45
 Operator : HP/JU
 Sample : PB120526BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BL

Quant Time: Jun 13 07:33:49 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	8.10	152	39362	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	162518	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123973	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	297838	20.00	ng	0.00
76) Chrysene-d12	21.76	240	294711	20.00	ng	0.00
87) Perylene-d12	25.09	264	279574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	297977	136.51	ng	0.00
7) Phenol-d6	7.25	99	453477	134.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	314775	85.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	229469	124.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	785719	91.27	ng	0.00
79) Terphenyl-d14	20.08	244	1350874	97.28	ng	0.00

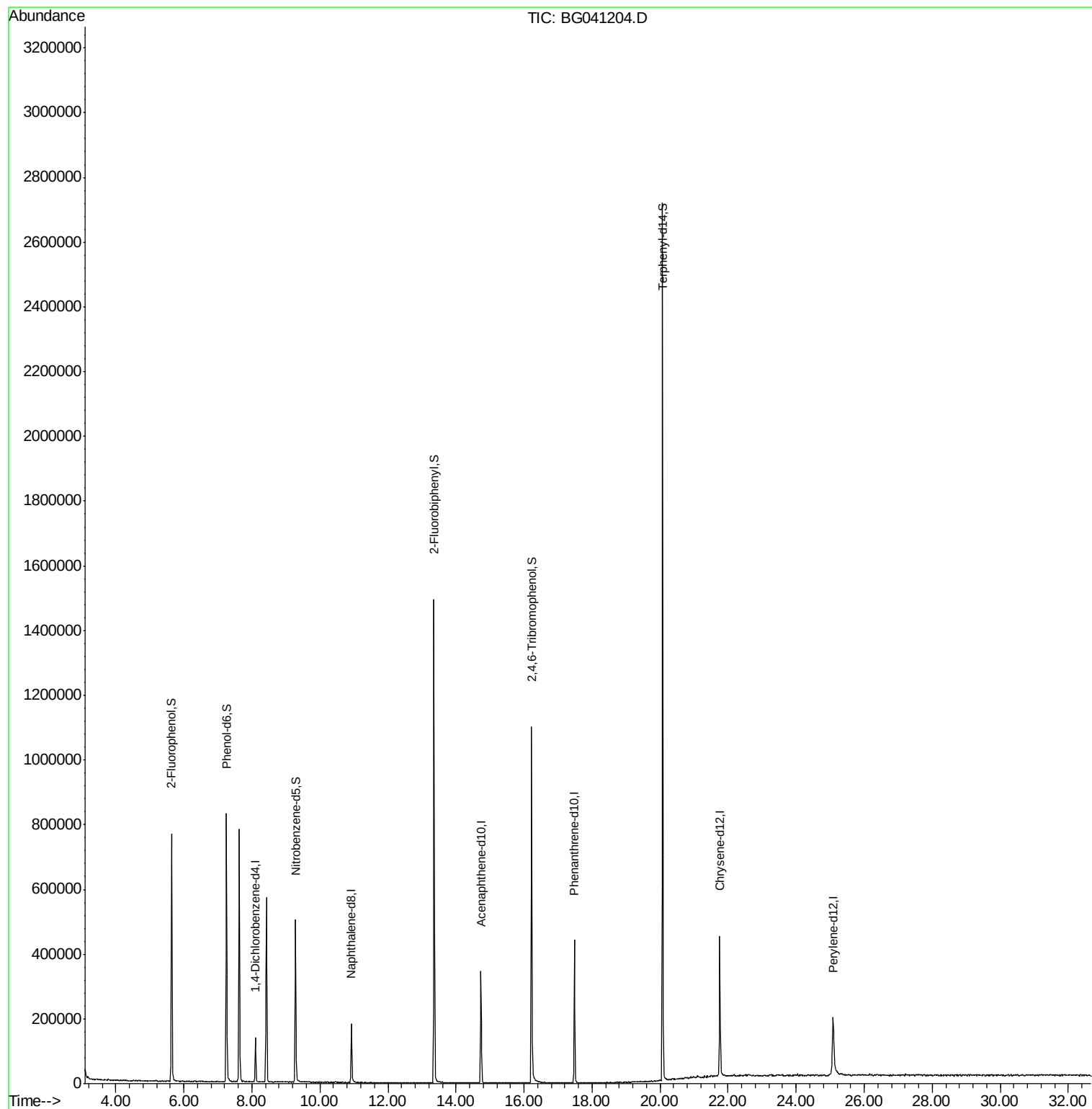
Target Compounds Qvalue

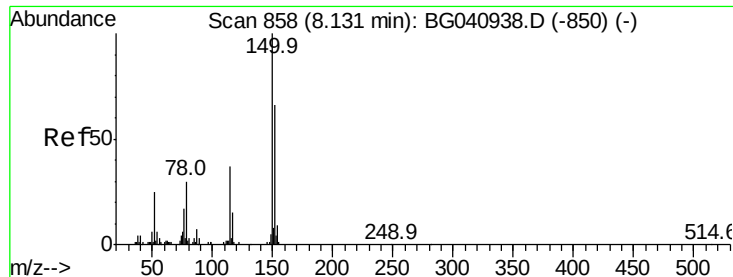
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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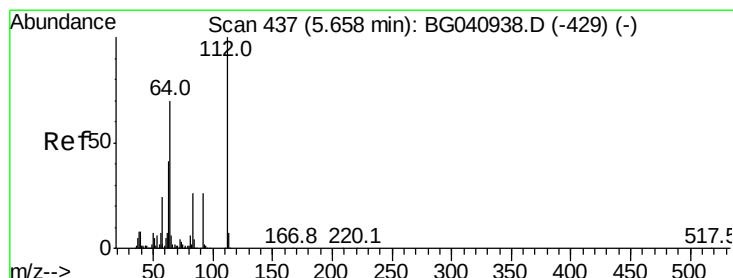
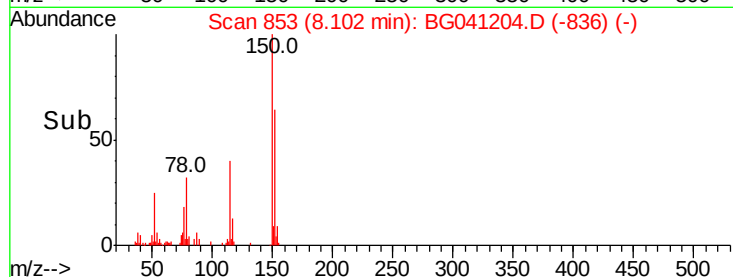
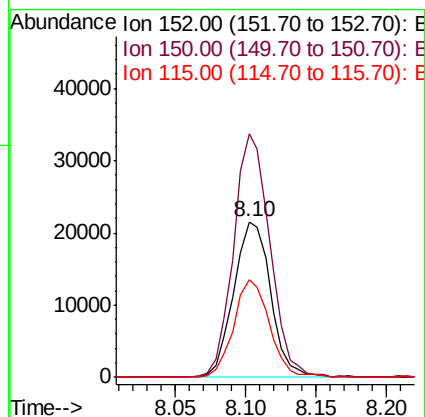
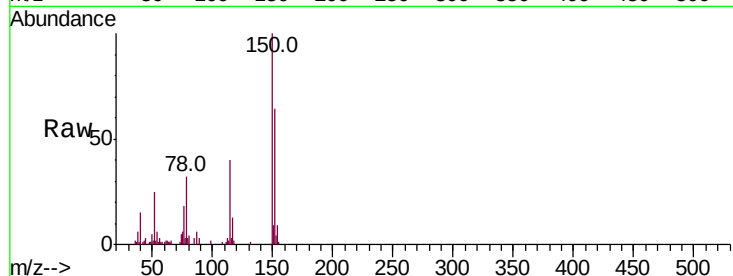


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB120526BL

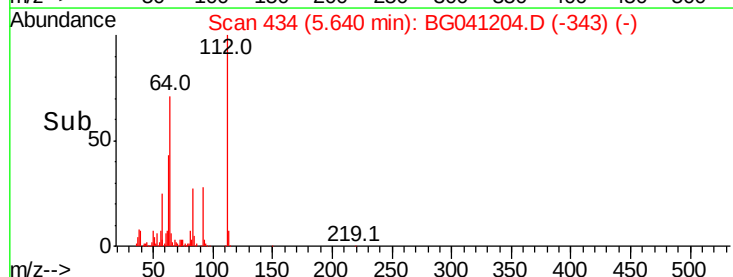
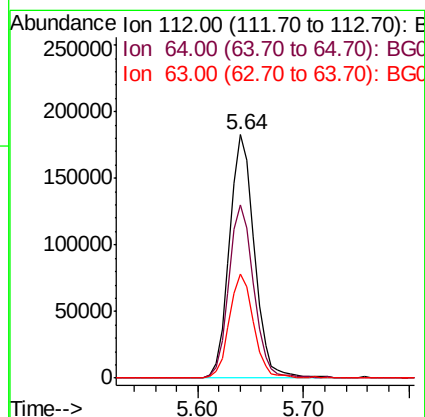
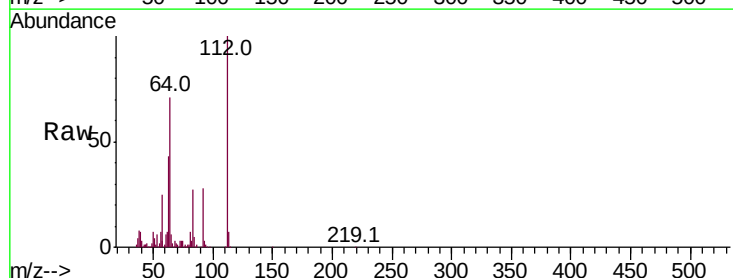
Tot Ion:152 Resp: 39362
Ion Ratio Lower Upper
152 100
150 156.6 120.6 180.8
115 62.4 45.1 67.7

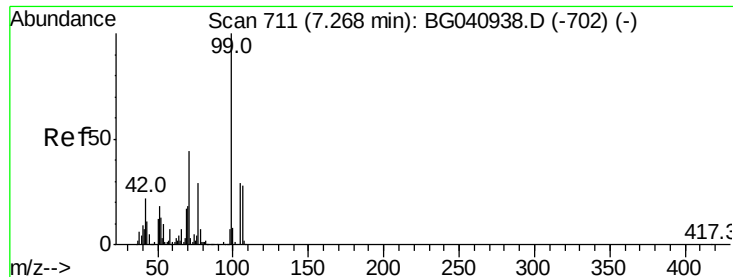


#5

2-Fluorophenol
Concen: 136.506 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Tgt Ion:112 Resp: 297977
Ion Ratio Lower Upper
112 100
64 71.3 56.2 84.2
63 42.6 32.8 49.2





#7

Phenol-d6

Concen: 134.514 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

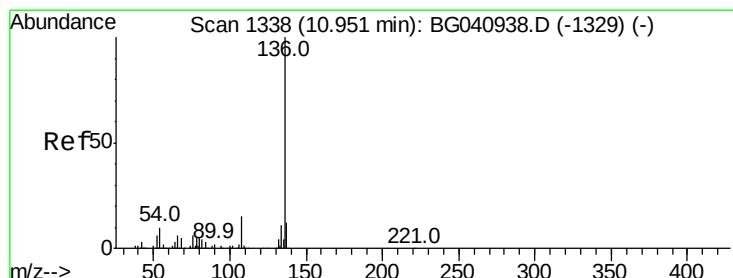
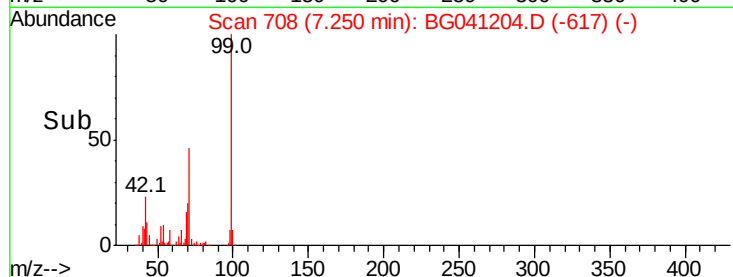
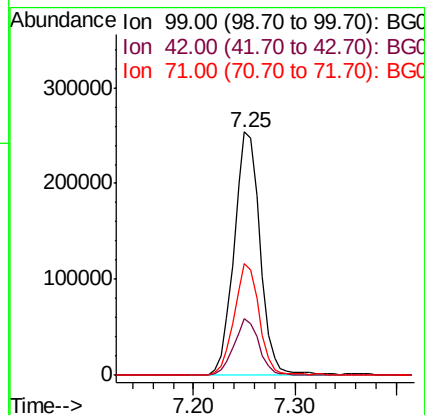
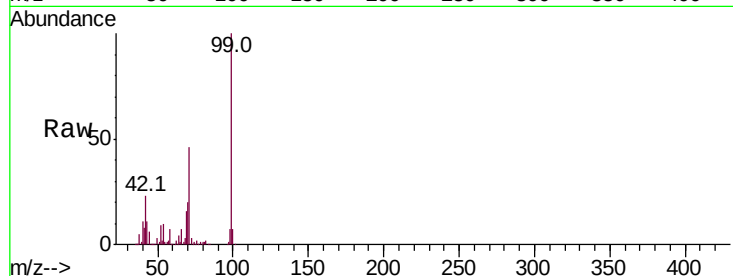
Tot Ion: 99 Resp: 453477

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 46.0 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Tgt Ion: 136 Resp: 162518

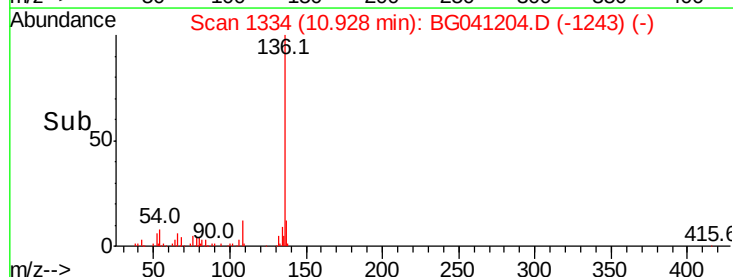
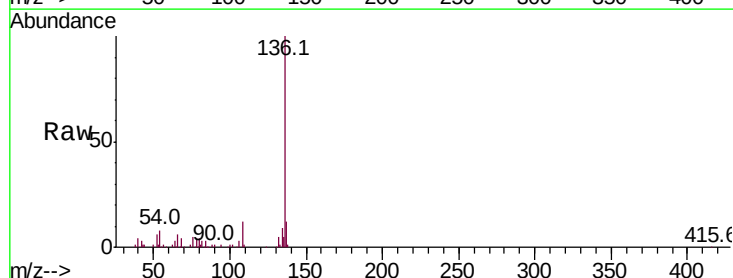
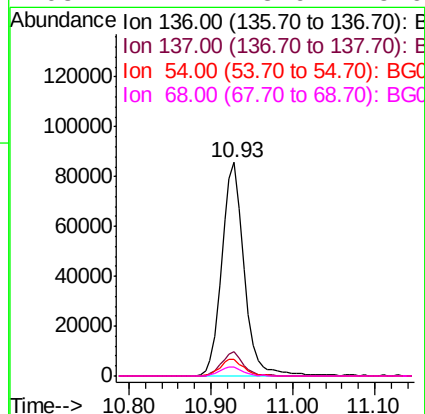
Ion Ratio Lower Upper

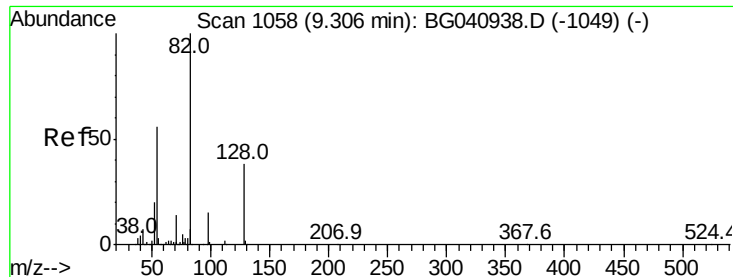
136 100

137 11.7 9.5 14.3

54 7.9 7.6 11.4

68 4.4 3.9 5.9

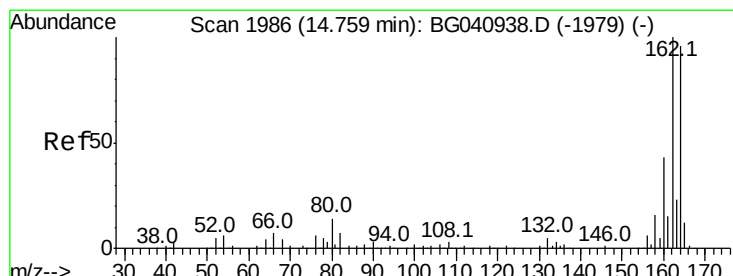
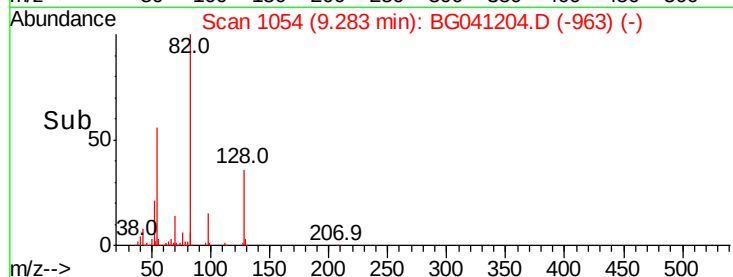
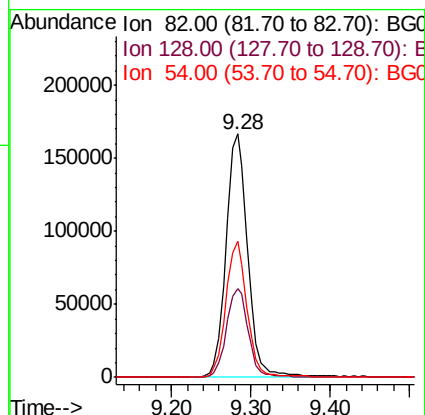
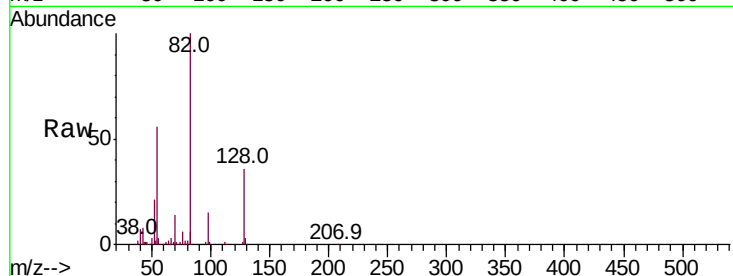




#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

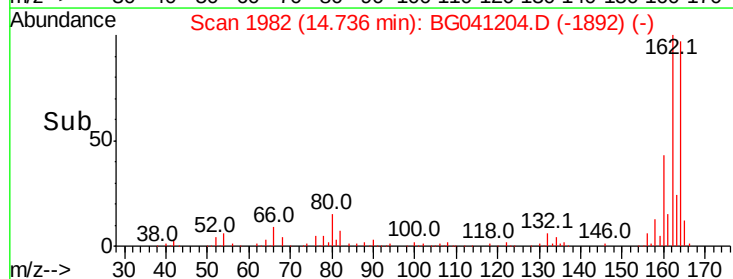
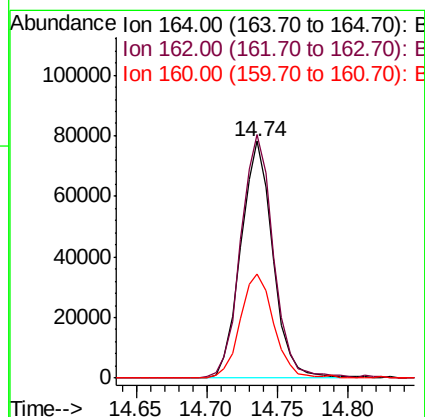
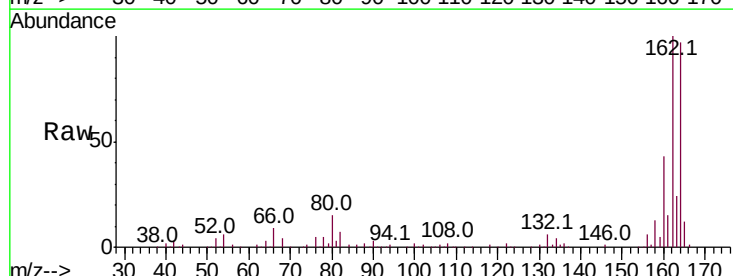
Instrument :
BNA_G
ClientSampleId :
PB120526BL

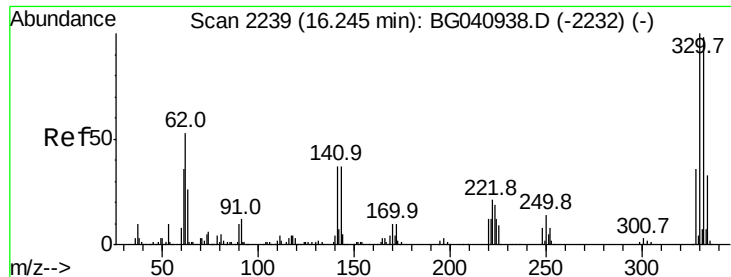
Tot Ion: 82 Resp: 314775
Ion Ratio Lower Upper
82 100
128 36.5 30.5 45.7
54 55.7 44.6 66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Tgt Ion: 164 Resp: 123973
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 124.680 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

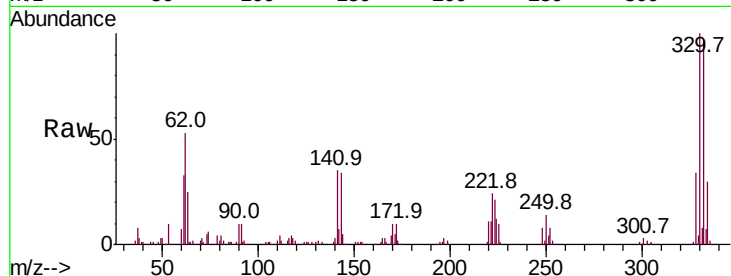
Tot Ion:330 Resp: 229469

Ion Ratio Lower Upper

330 100

332 98.9 78.5 117.7

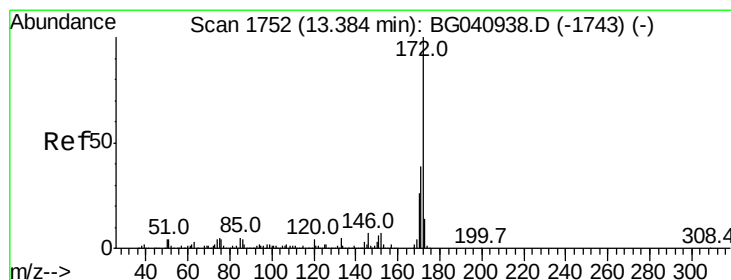
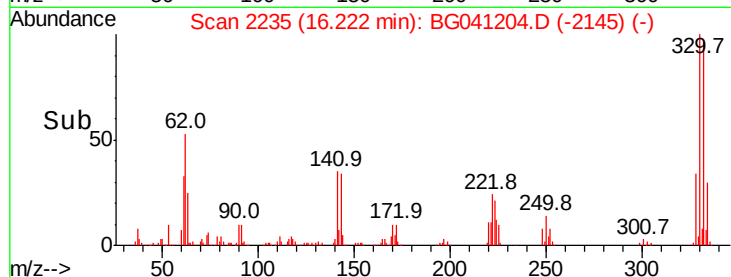
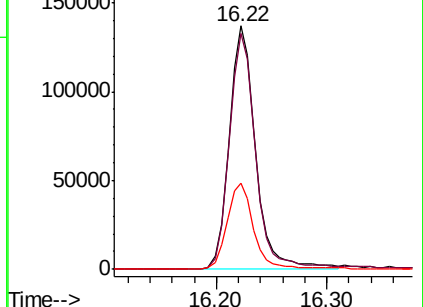
141 35.8 28.7 43.1



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: 91.271 ng

RT: 13.35 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

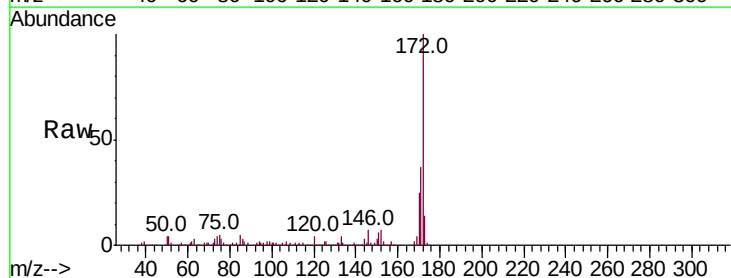
Tgt Ion:172 Resp: 785719

Ion Ratio Lower Upper

172 100

171 37.4 31.1 46.7

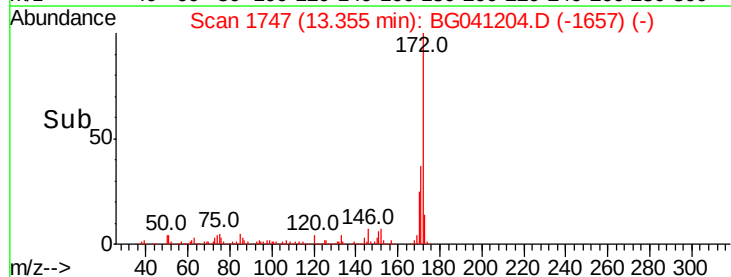
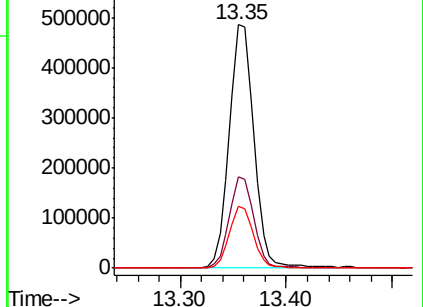
170 25.4 20.5 30.7

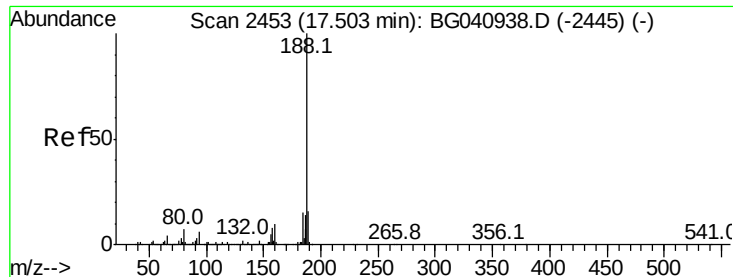


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

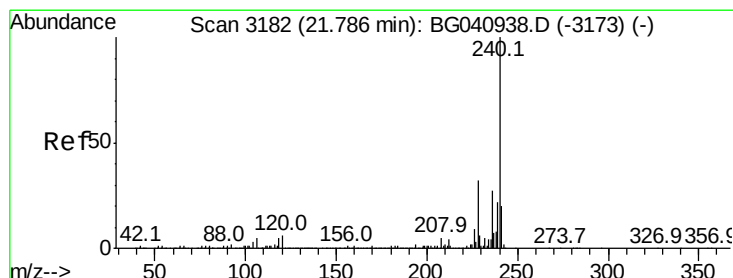
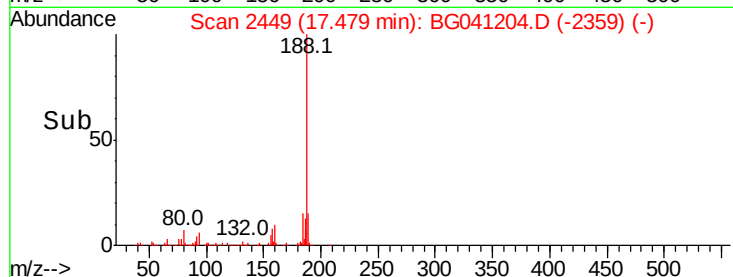
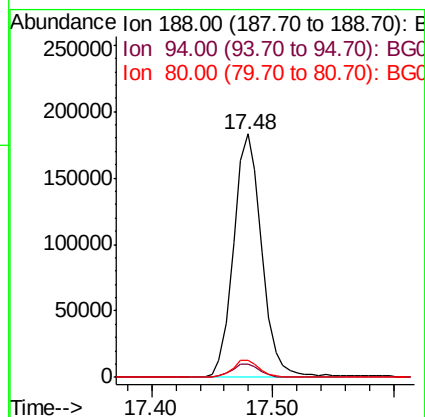
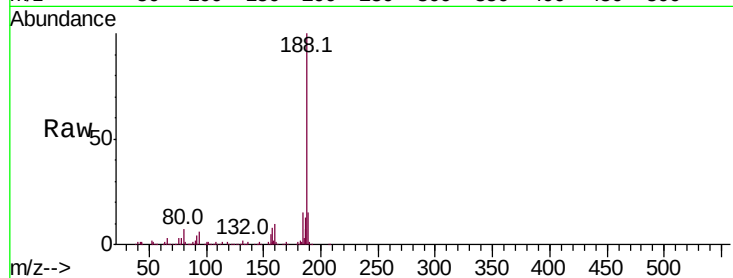




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

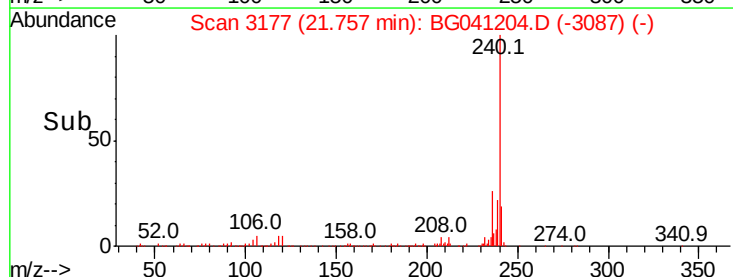
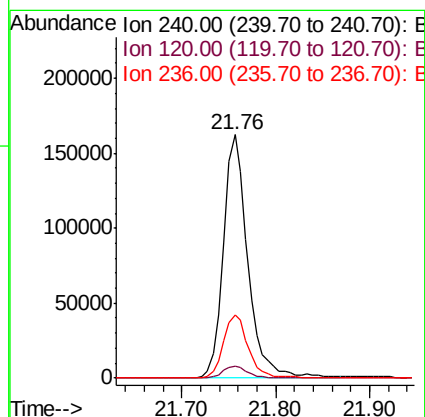
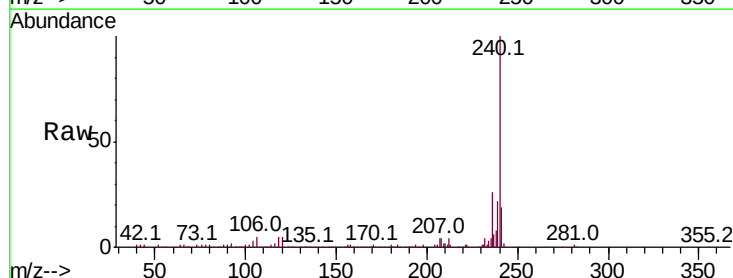
Instrument :
 BNA_G
 ClientSampleId :
 PB120526BL

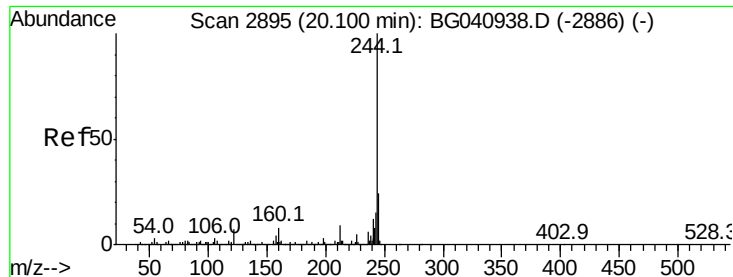
Tot Ion:188 Resp: 297838
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.7 7.1
 80 7.1 5.8 8.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

Tgt Ion:240 Resp: 294711
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.5 6.7
 236 25.9 21.3 31.9





#79

Terphenyl-d14

Concen: 97.282 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

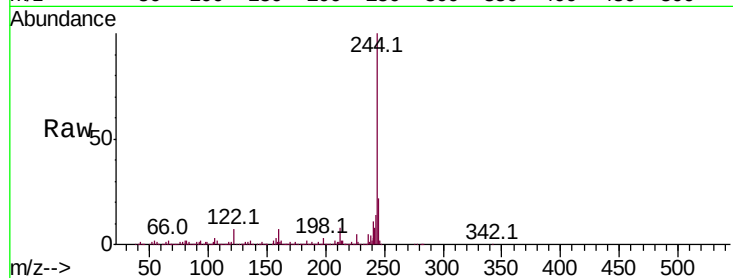
Tot Ion:244 Resp: 1350874

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

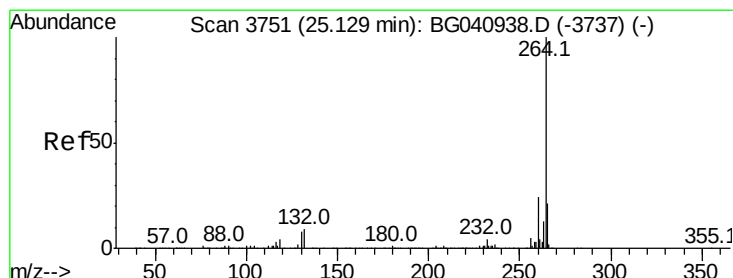
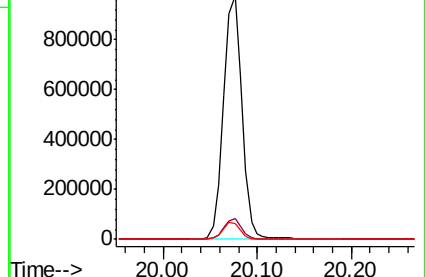
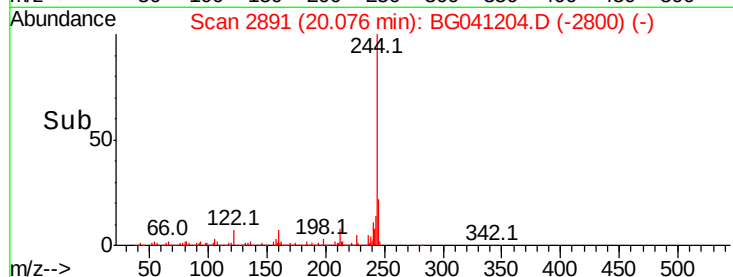
122 6.5 5.4 8.0



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: BG041204.D

Acq: 12 Jun 2019 13:45

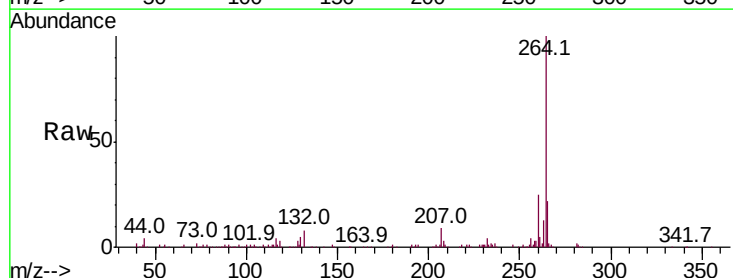
Tgt Ion:264 Resp: 279574

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 22.4 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

