

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045134.D
 Acq On : 22 Apr 2020 20:07
 Operator : CG/JU
 Sample : L2332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 23 02:43:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

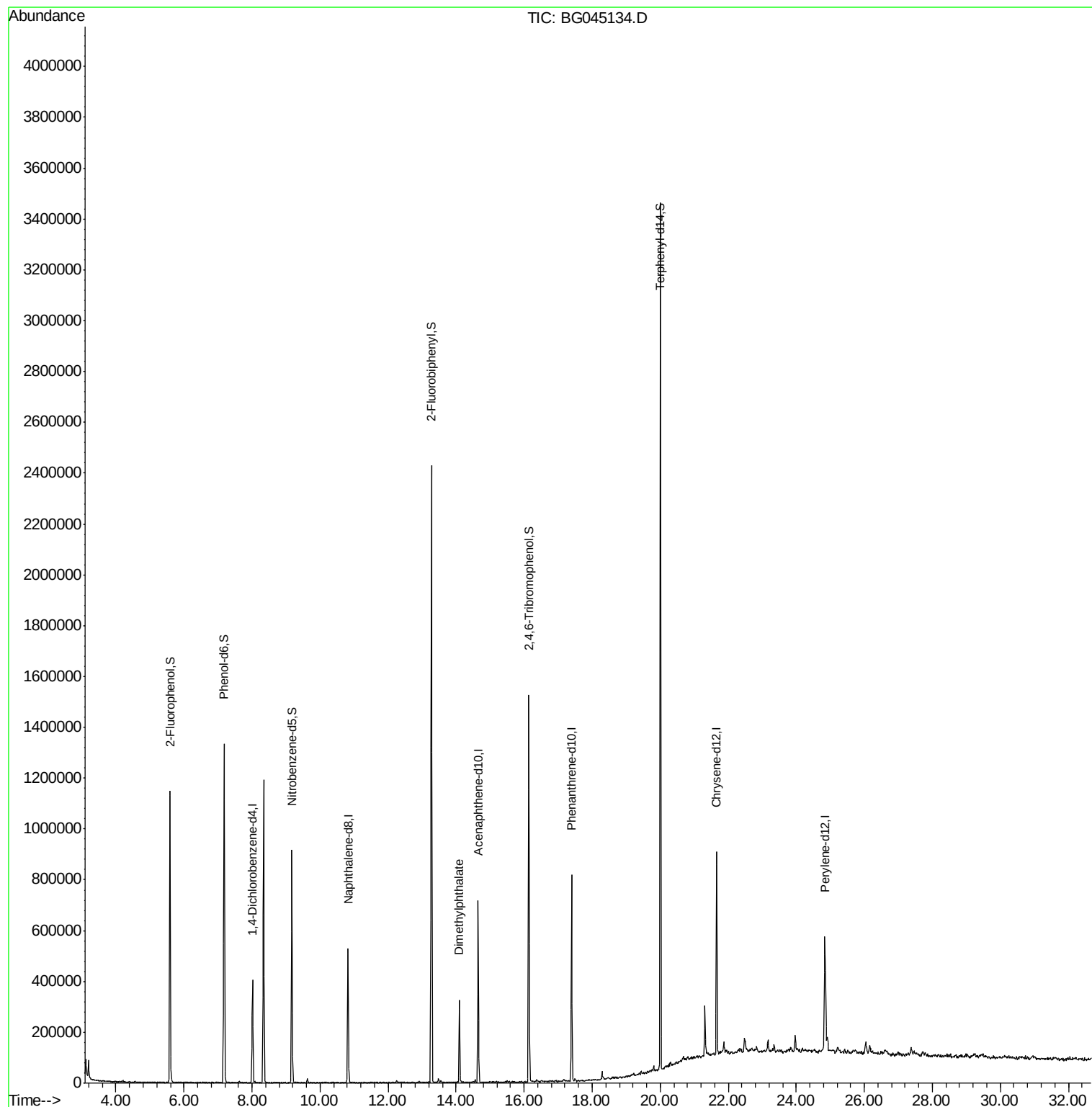
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	117955	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	469260	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	279016	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	536286	20.00	ng	0.00
76) Chrysene-d12	21.66	240	503913	20.00	ng	0.00
87) Perylene-d12	24.85	264	539086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	581586	81.40	ng	0.00
7) Phenol-d6	7.18	99	875077	82.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	613927	59.70	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	321082	74.49	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1305505	68.61	ng	0.00
79) Terphenyl-d14	20.01	244	1628465	70.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	216050	9.510	ng	Qvalue 97

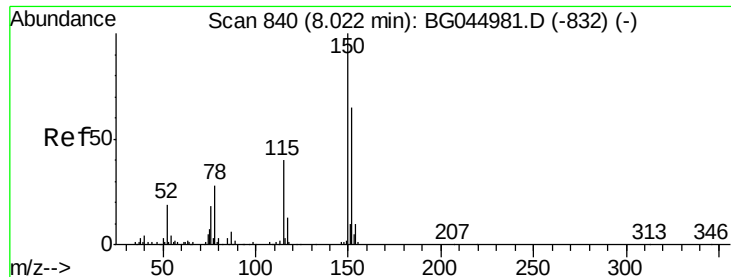
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

Instrument :

BNA_G

ClientSampleId :

TP-4

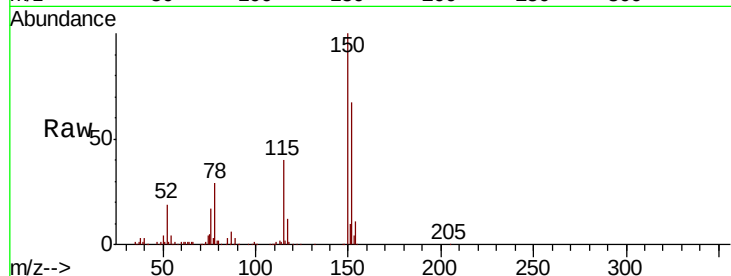
Tot Ion:152 Resp: 117955

Ion Ratio Lower Upper

152 100

150 150.4 123.6 185.4

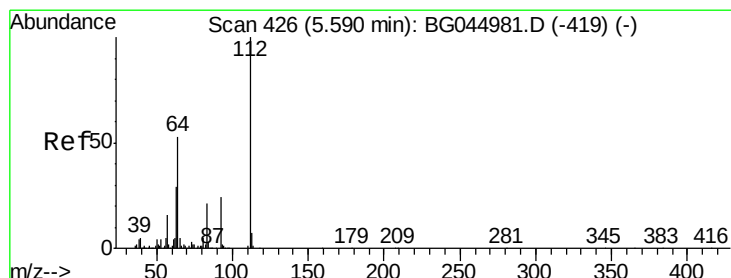
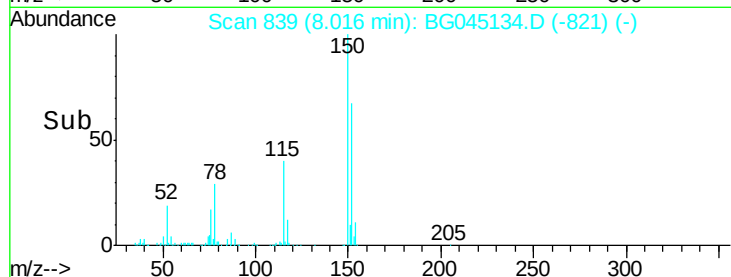
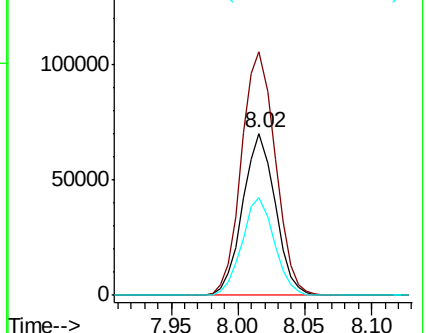
115 60.7 49.1 73.7



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: 81.401 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

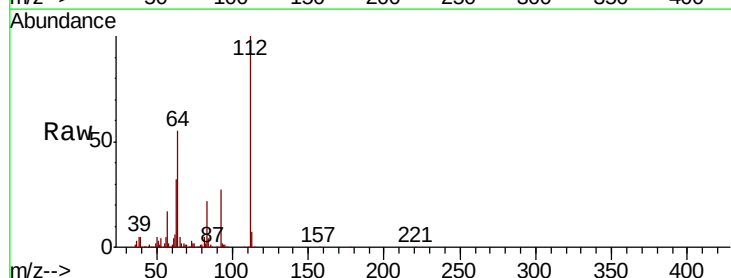
Tgt Ion:112 Resp: 581586

Ion Ratio Lower Upper

112 100

64 55.4 42.4 63.6

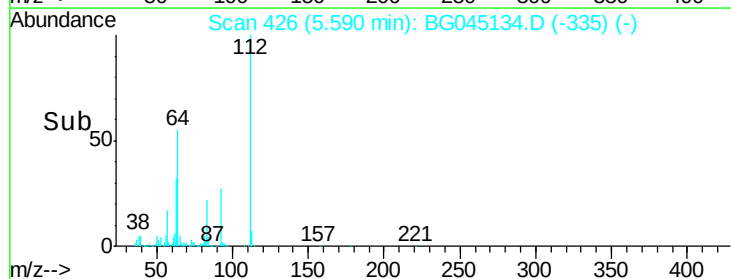
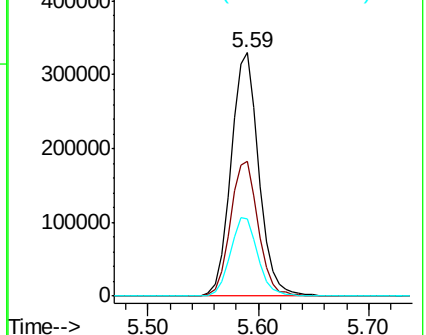
63 31.7 23.1 34.7

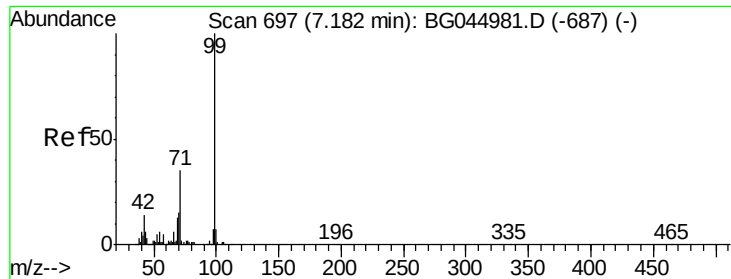


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 82.436 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

Instrument :

BNA_G

ClientSampleId :

TP-4

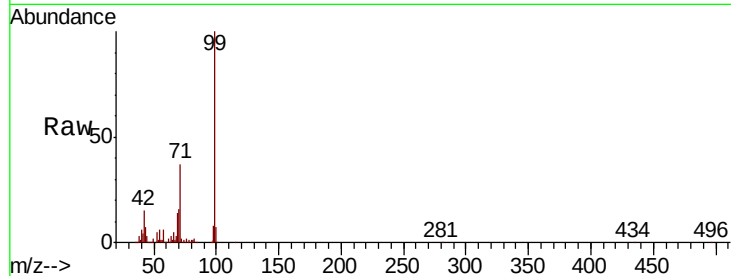
Tot Ion: 99 Resp: 875077

Ion Ratio Lower Upper

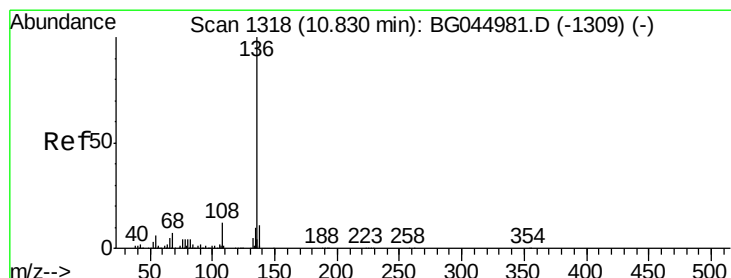
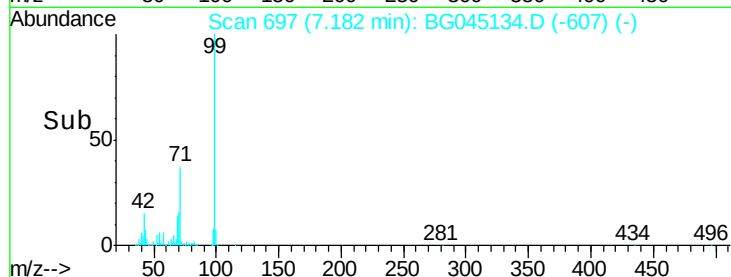
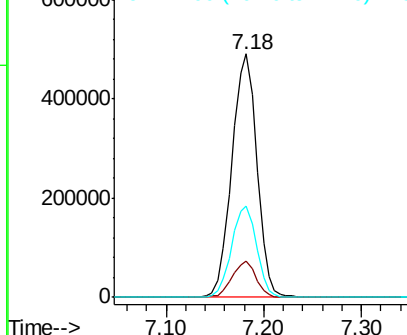
99 100

42 14.8 11.3 16.9

71 37.3 28.3 42.5



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: 10.82 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

Tgt Ion: 136 Resp: 469260

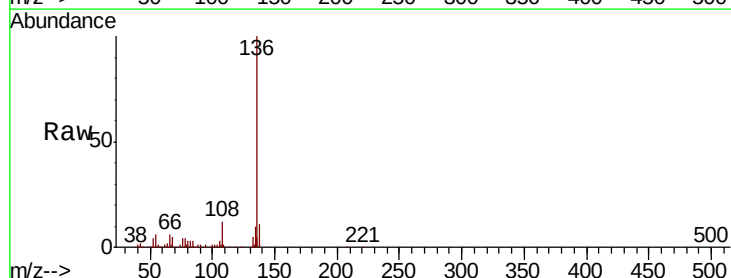
Ion Ratio Lower Upper

136 100

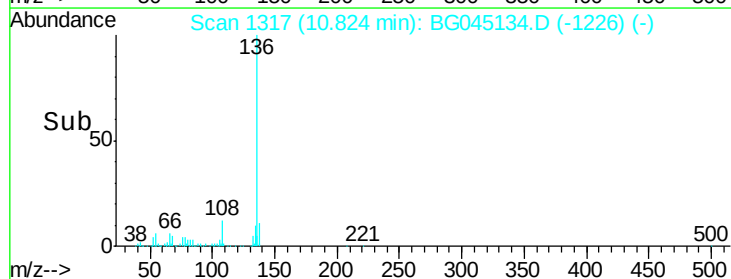
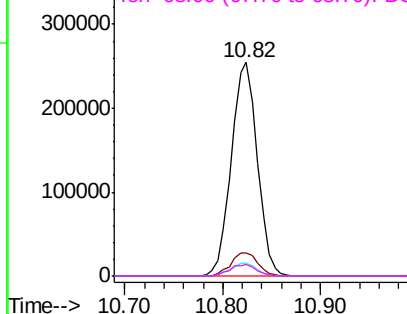
137 11.0 8.6 13.0

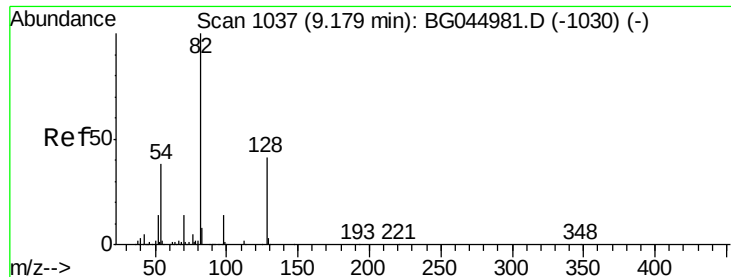
54 6.0 4.8 7.2

68 5.4 5.2 7.8



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

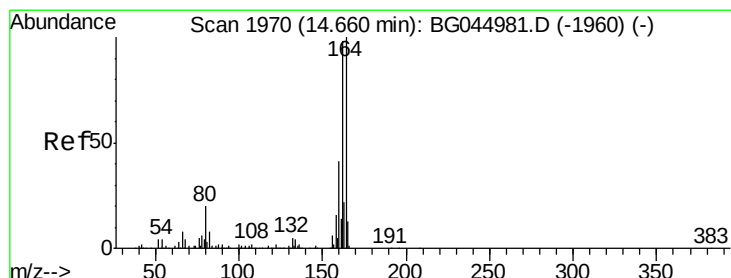
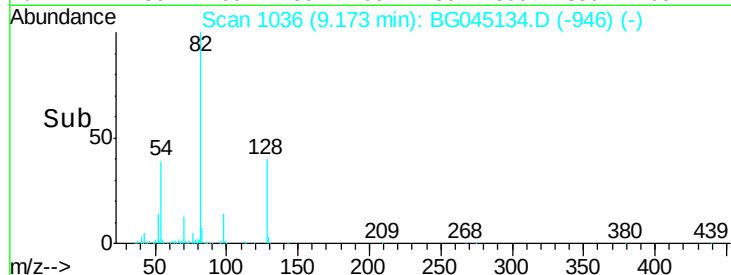
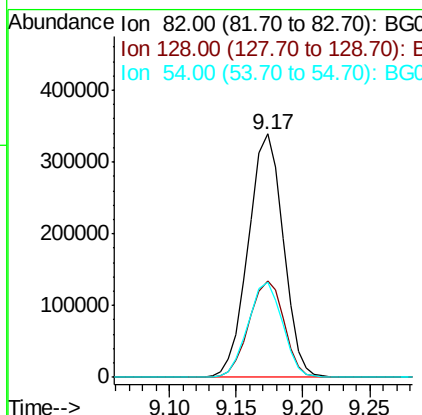
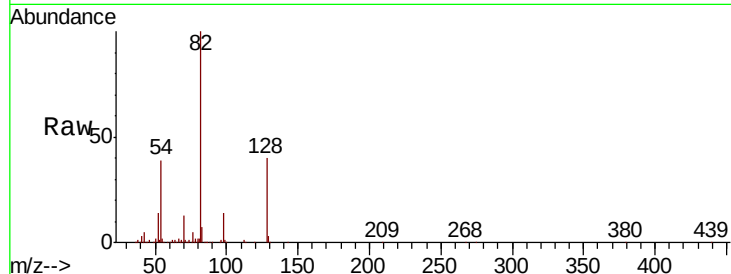




#23
 Nitrobenzene-d5
 Concen: 59.696 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045134.D
 Acq: 22 Apr 2020 20:07

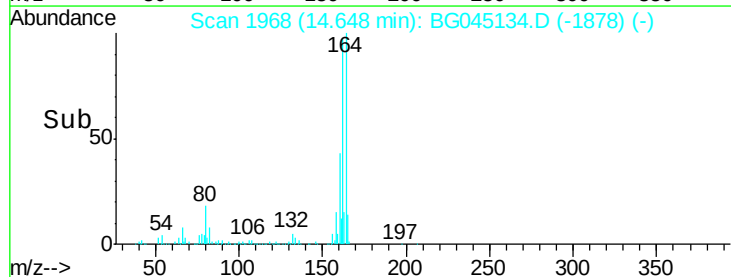
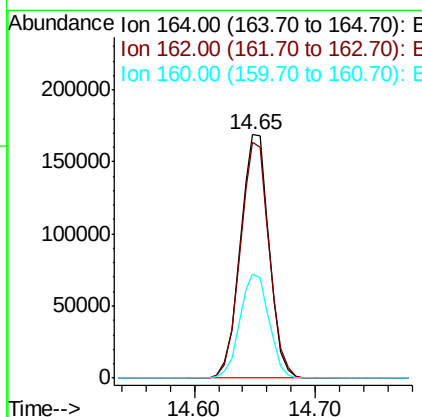
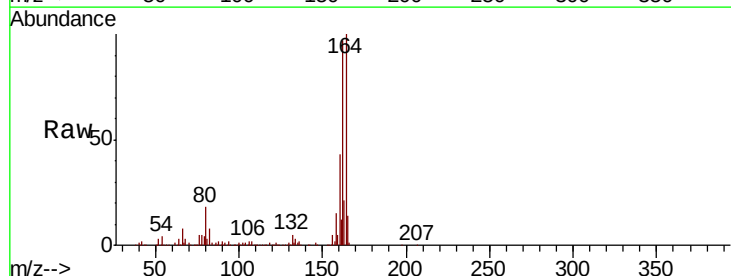
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

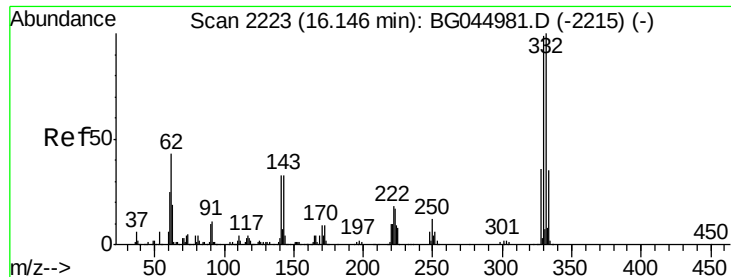
Tot Ion: 82 Resp: 613927
 Ion Ratio Lower Upper
 82 100
 128 39.7 33.0 49.4
 54 39.2 30.4 45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG045134.D
 Acq: 22 Apr 2020 20:07

Tgt Ion: 164 Resp: 279016
 Ion Ratio Lower Upper
 164 100
 162 96.8 78.7 118.1
 160 42.6 32.8 49.2

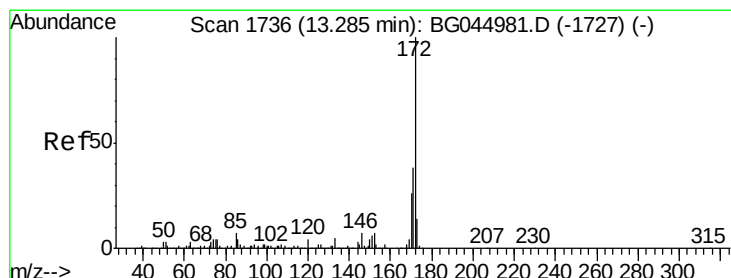
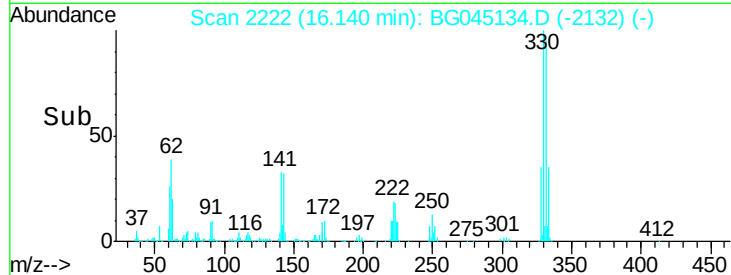
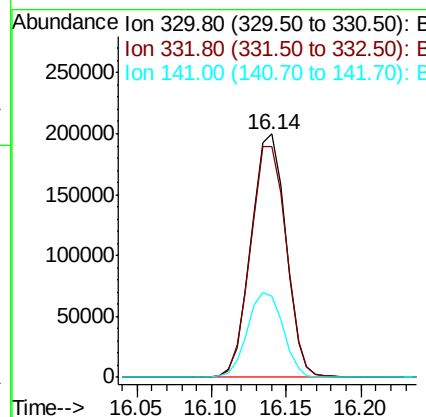
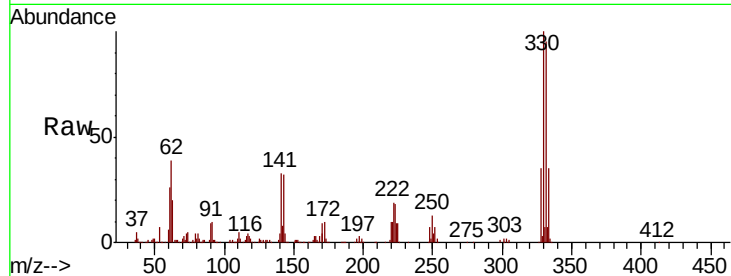




#42
 2,4,6-Tribromophenol
 Concen: 74.490 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045134.D
 Acq: 22 Apr 2020 20:07

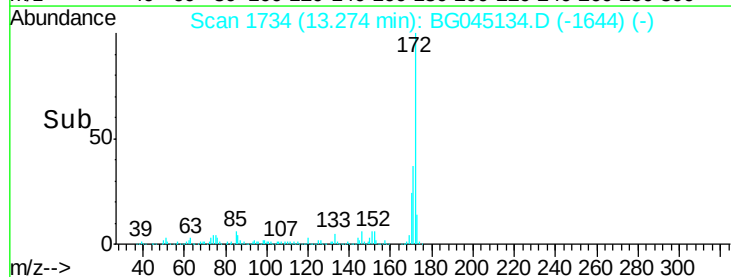
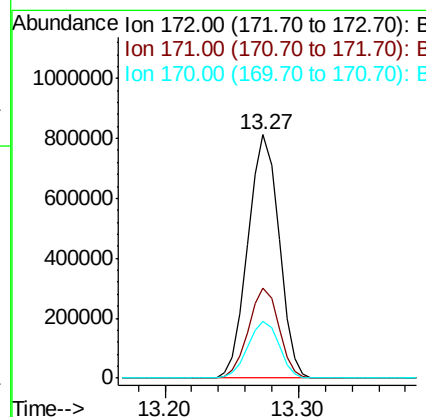
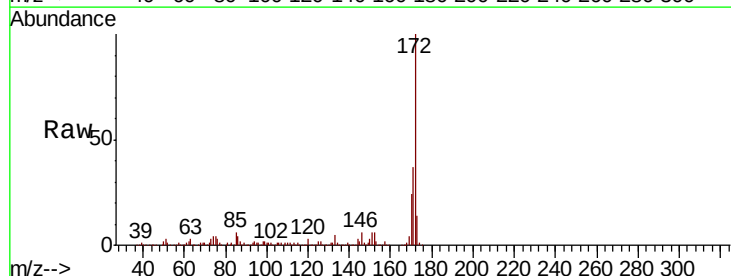
Instrument :
 BNA_G
 ClientSampled :
 TP-4

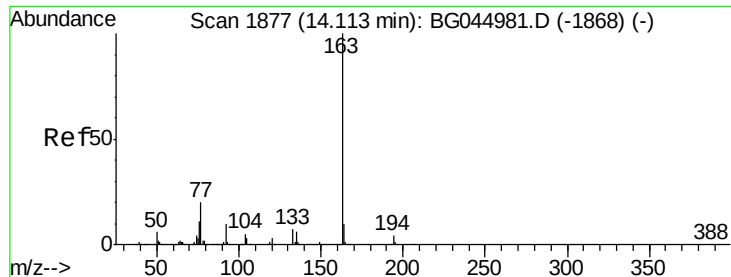
Tot Ion:	330	Resp:	321082
Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	36.0	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 68.608 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045134.D
 Acq: 22 Apr 2020 20:07

Tgt Ion:	172	Resp:	1305505
Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	23.6	20.5	30.7





#50

Dimethylphthalate

Concen: 9.510 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

Instrument :

BNA_G

ClientSampleId :

TP-4

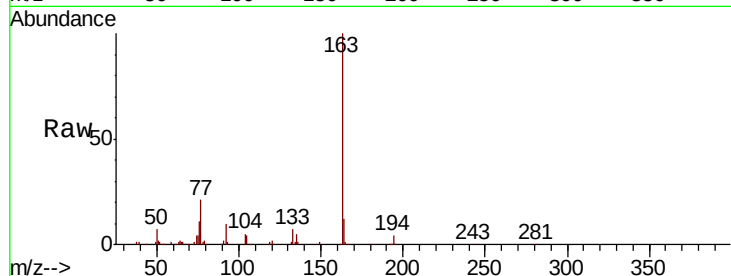
Tot Ion:163 Resp: 216050

Ion Ratio Lower Upper

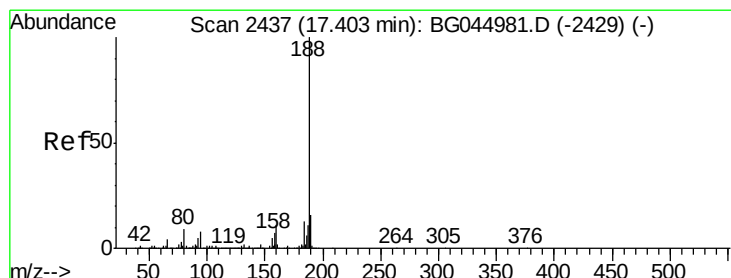
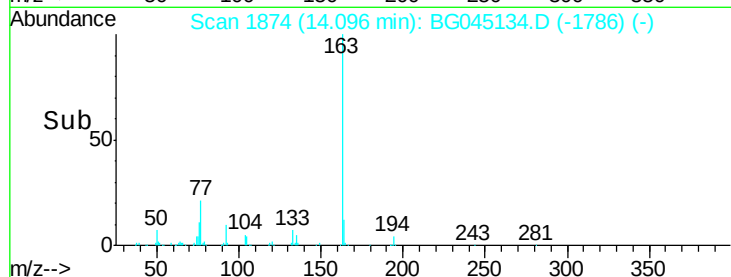
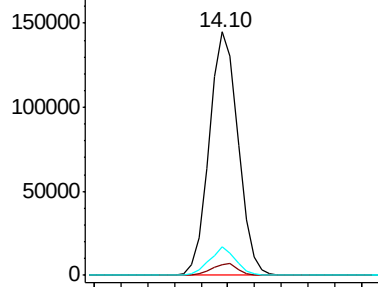
163 100

194 4.2 3.5 5.3

164 11.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

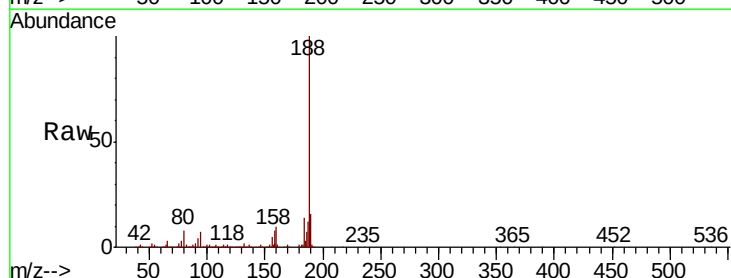
Tgt Ion:188 Resp: 536286

Ion Ratio Lower Upper

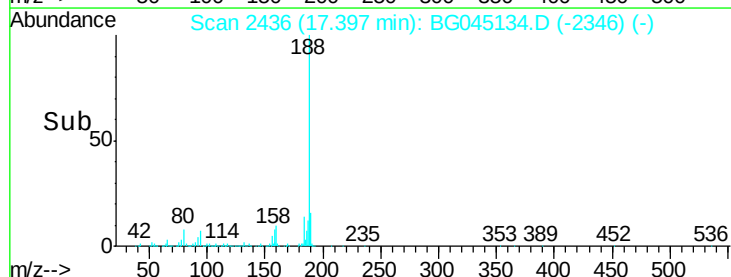
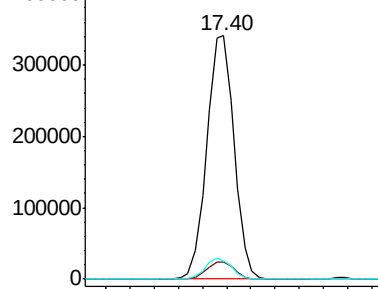
188 100

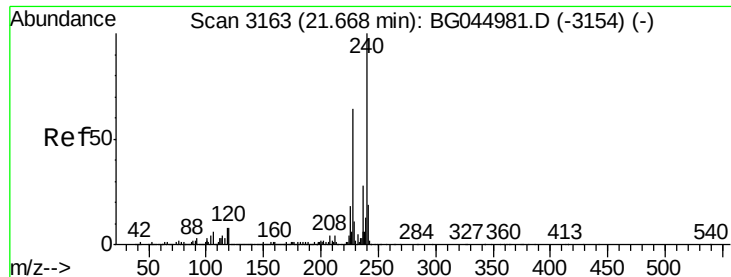
94 7.0 6.2 9.4

80 7.6 7.0 10.6



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

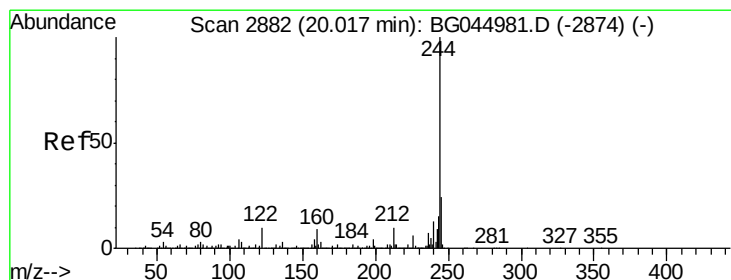
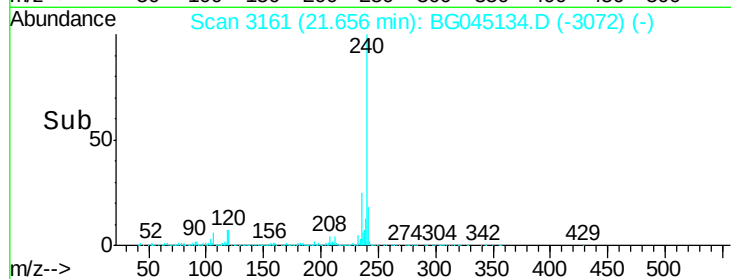
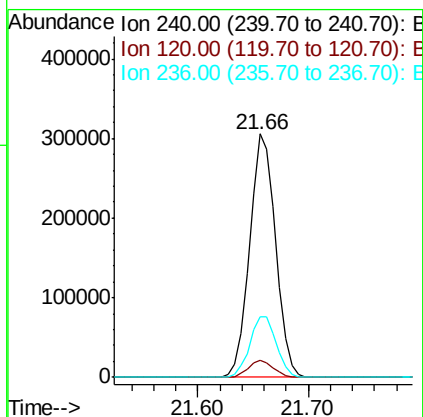
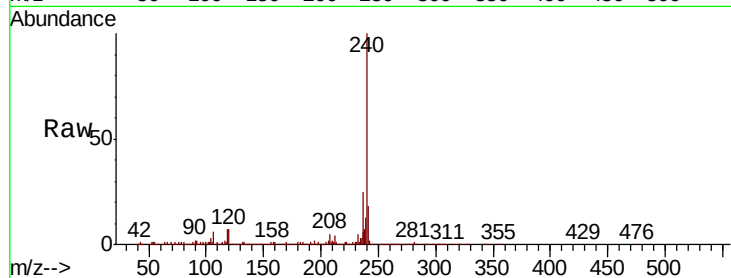




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045134.D
Acq: 22 Apr 2020 20:07

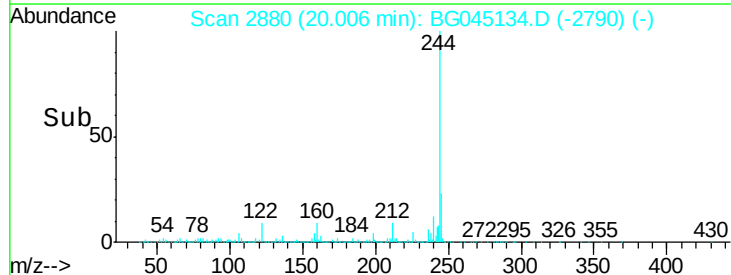
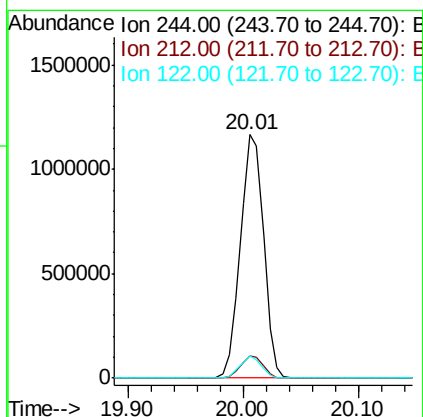
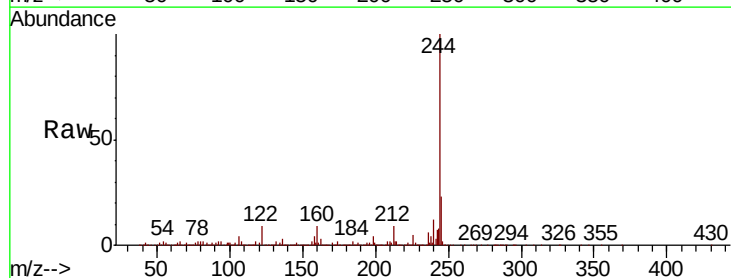
Instrument :
BNA_G
ClientSampleId :
TP-4

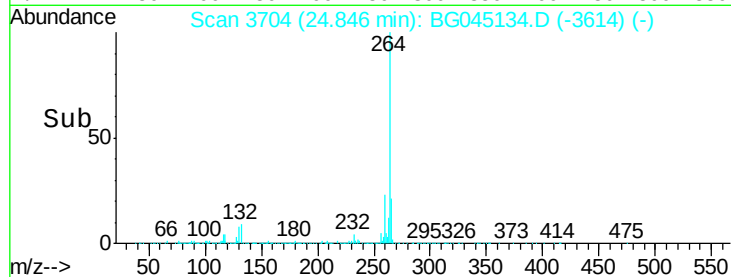
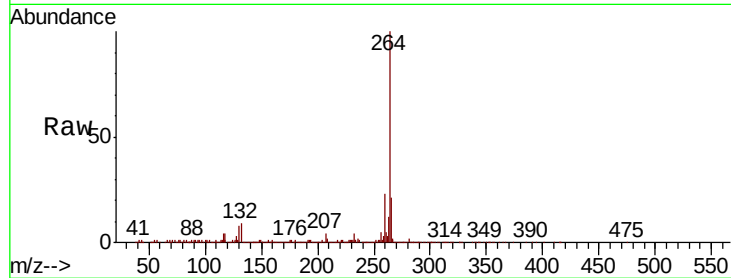
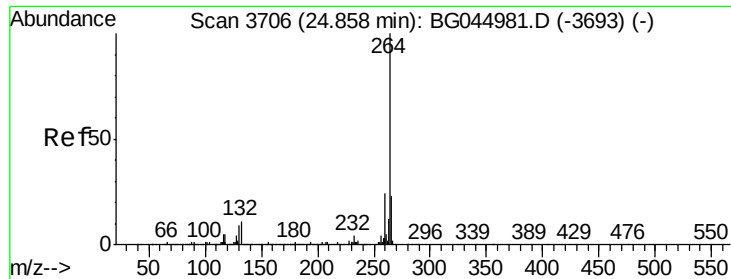
Tot Ion:240 Resp: 503913
Ion Ratio Lower Upper
240 100
120 6.8 6.6 10.0
236 25.1 22.2 33.2



#79
Terphenyl-d14
Concen: 70.436 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG045134.D
Acq: 22 Apr 2020 20:07

Tgt Ion:244 Resp: 1628465
Ion Ratio Lower Upper
244 100
212 9.2 7.9 11.9
122 9.0 7.7 11.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG045134.D

Acq: 22 Apr 2020 20:07

Instrument :

BNA_G

ClientSampleId :

TP-4

Tot Ion:264 Resp: 539086

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.3 19.0 28.4

