

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044097.D
 Acq On : 20 Jan 2020 14:27
 Operator : JU
 Sample : L1176-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-3

Quant Time: Jan 21 06:23:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

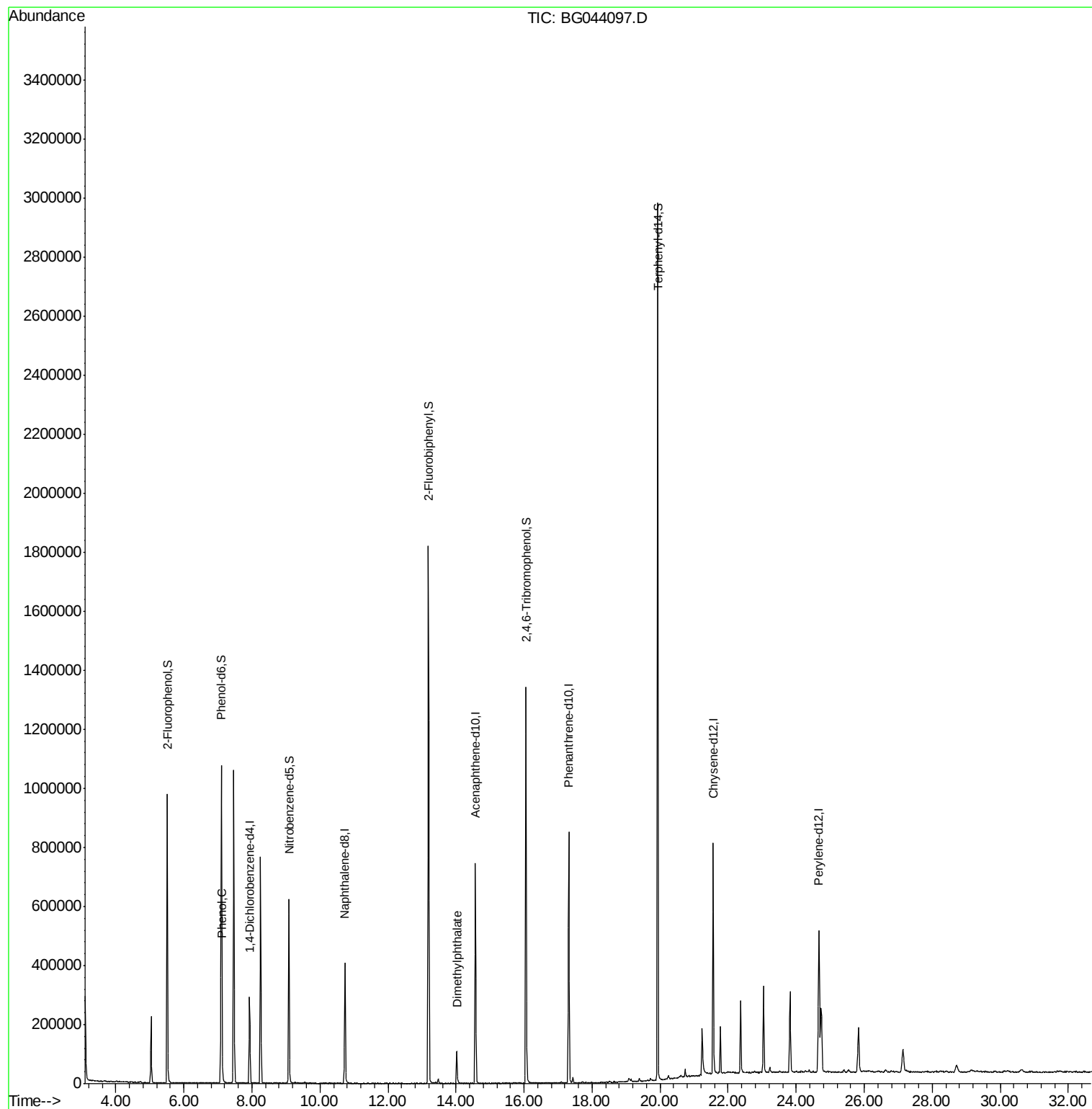
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	87403	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	387205	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	270587	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	541226	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	458638	20.00	ng	-0.03
87) Perylene-d12	24.67	264	505933	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	471731	99.10	ng	-0.03
7) Phenol-d6	7.10	99	696894	104.73	ng	-0.02
23) Nitrobenzene-d5	9.09	82	401479	55.47	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	261042	92.19	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1001585	67.06	ng	-0.03
79) Terphenyl-d14	19.93	244	1373547	68.34	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	25737	3.754	ng	Qvalue 86
50) Dimethylphthalate	14.02	163	91855	4.781	ng	# 95

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

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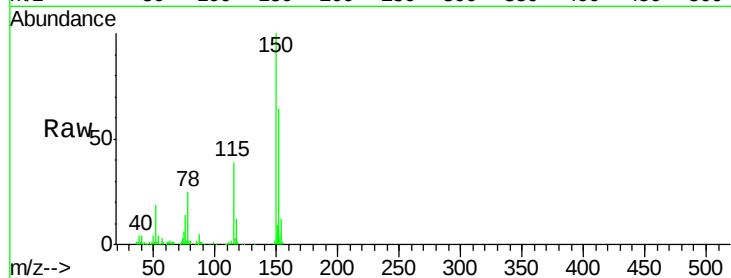


#1

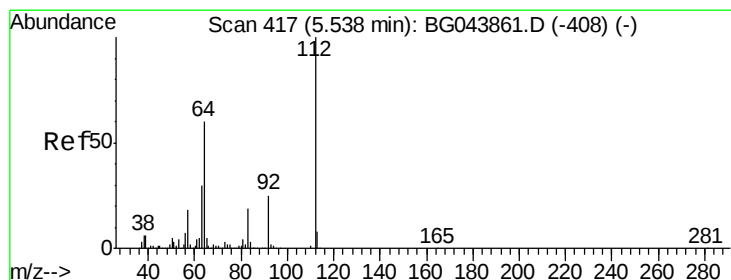
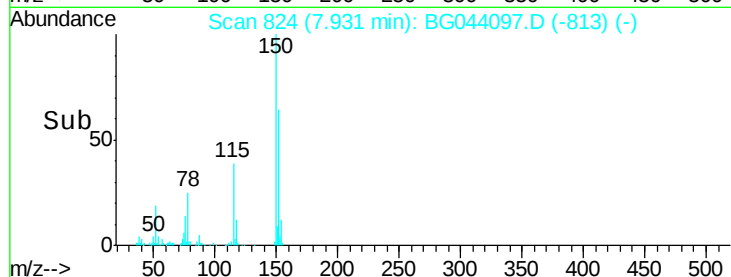
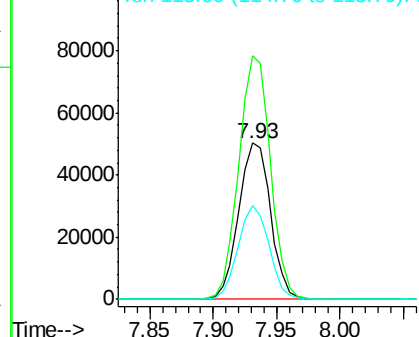
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044097.D
Acq: 20 Jan 2020 14:27

Instrument :
BNA_G
ClientSampleId :
EP-3

Tot Ion:152 Resp: 87403
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.4
115 60.3 47.8 71.8



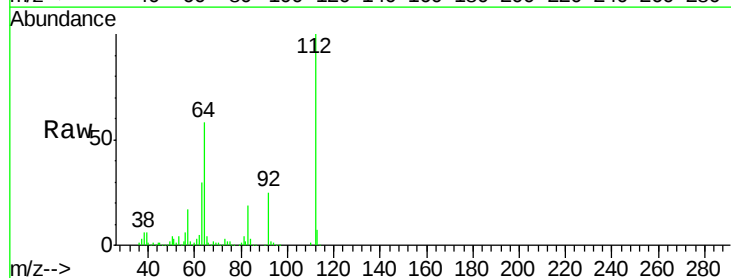
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



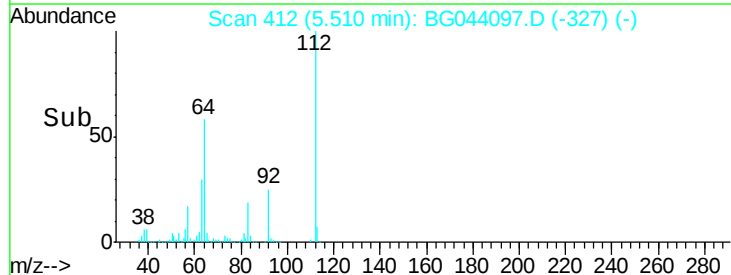
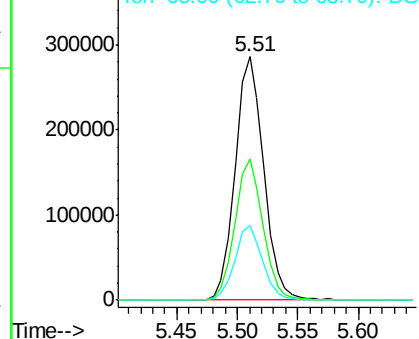
#5

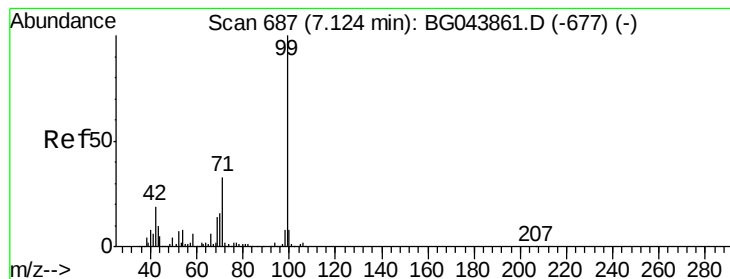
2-Fluorophenol
Concen: 99.099 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044097.D
Acq: 20 Jan 2020 14:27

Tgt Ion:112 Resp: 471731
Ion Ratio Lower Upper
112 100
64 57.9 47.8 71.6
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.735 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

Instrument :

BNA_G

ClientSampleId :

EP-3

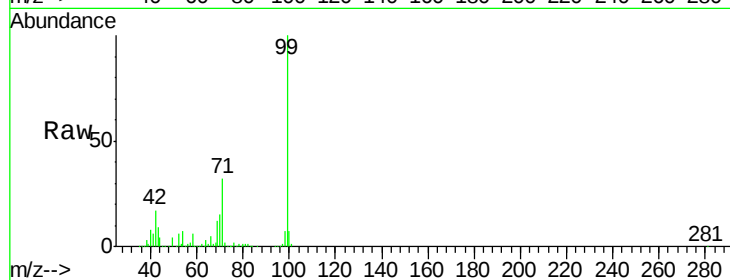
Tot Ion: 99 Resp: 696894

Ion Ratio Lower Upper

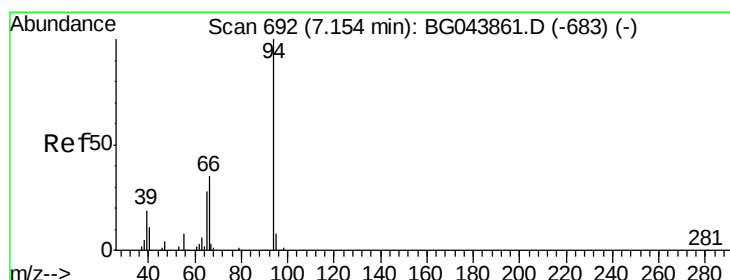
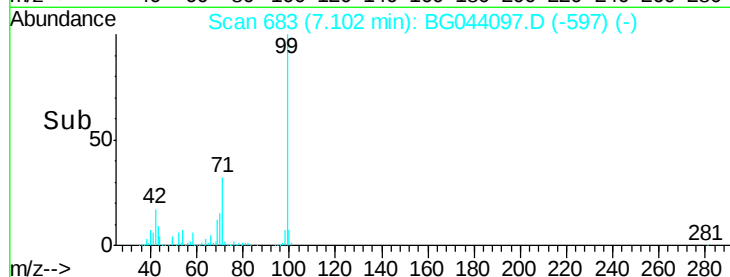
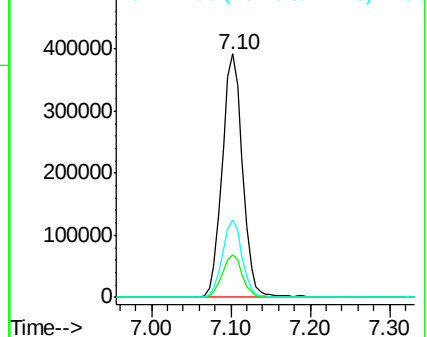
99 100

42 17.4 14.9 22.3

71 31.9 26.4 39.6



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



#10

Phenol

Concen: 3.754 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

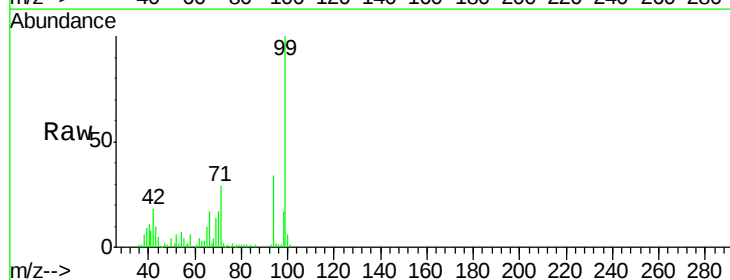
Tgt Ion: 94 Resp: 25737

Ion Ratio Lower Upper

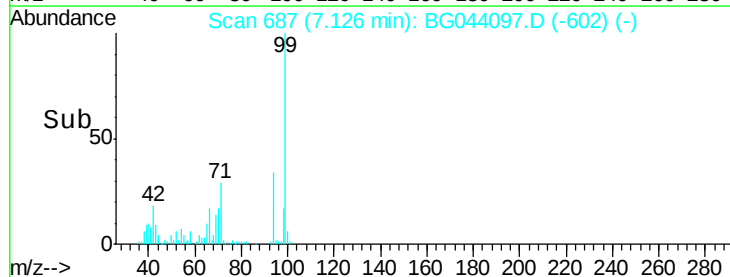
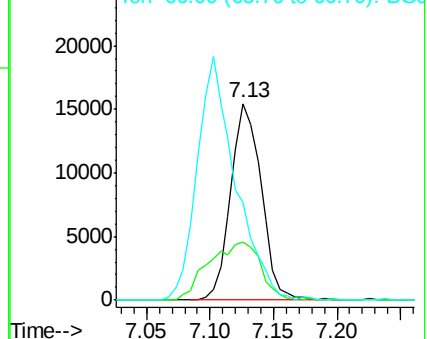
94 100

65 29.4 8.1 48.1

66 49.5 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

Instrument :

BNA_G

ClientSampleId :

EP-3

Tot Ion:136 Resp: 387205

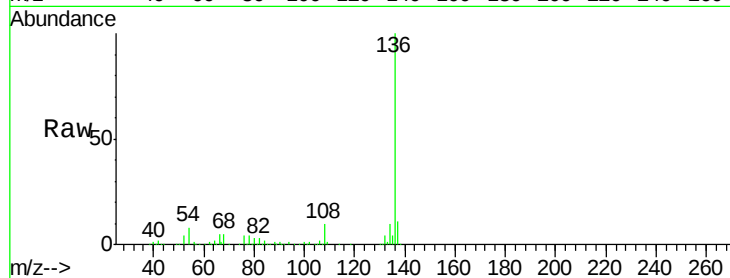
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 7.0 10.4

68 5.5 4.9 7.3

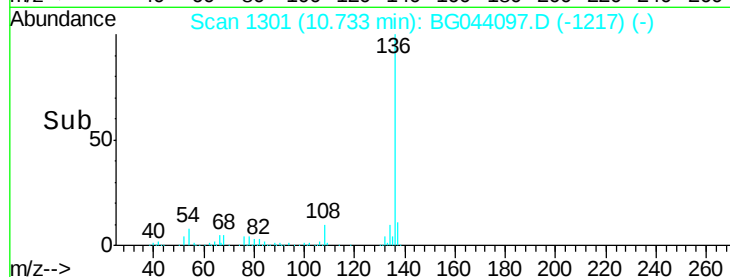


Abundance Ion 136.00 (135.70 to 136.70): E

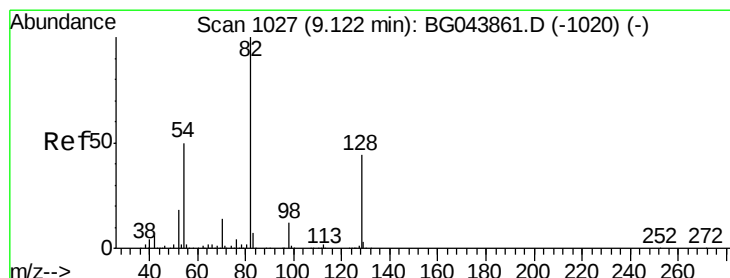
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.60 10.70 10.80 10.90



#23

Nitrobenzene-d5

Concen: 55.468 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

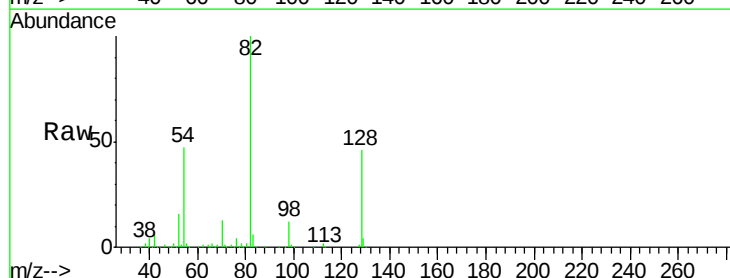
Tgt Ion: 82 Resp: 401479

Ion Ratio Lower Upper

82 100

128 45.7 35.1 52.7

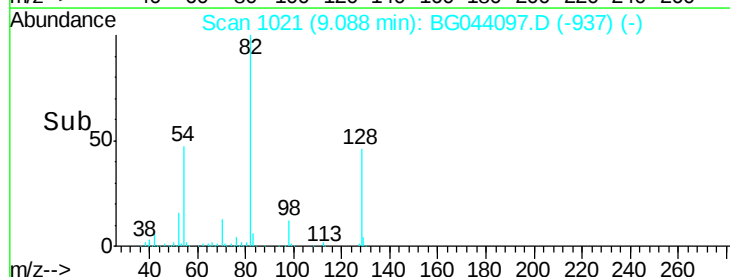
54 47.4 40.1 60.1



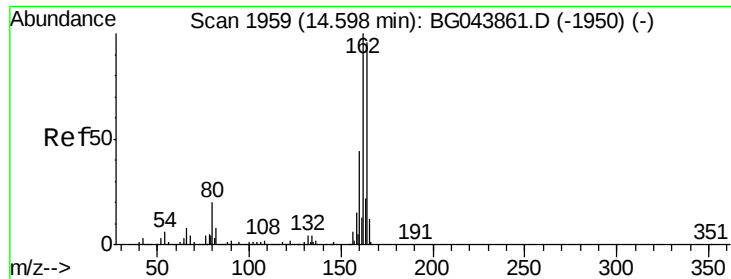
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time--> 9.00 9.10 9.20



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

Instrument :

BNA_G

ClientSampleId :

EP-3

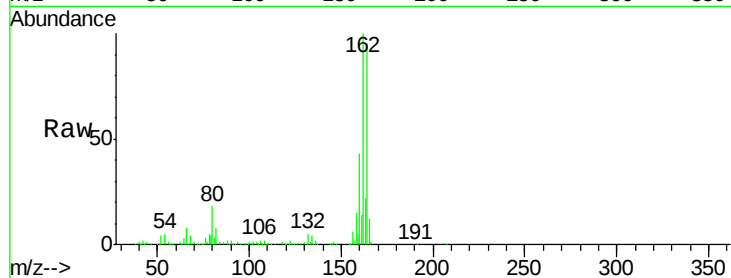
Tot Ion:164 Resp: 270587

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

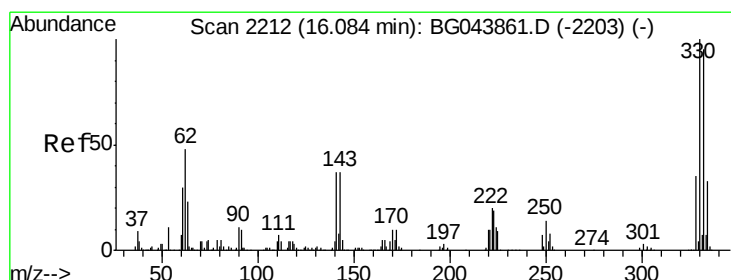
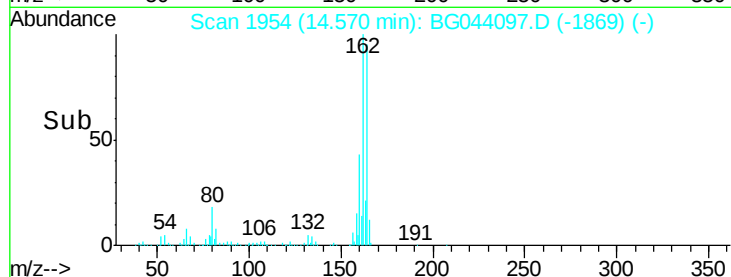
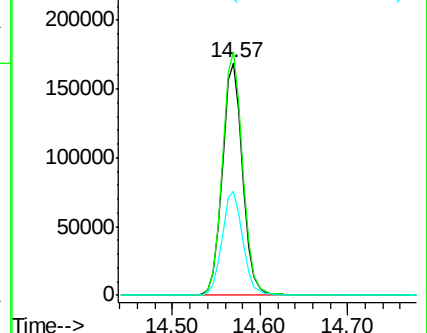
160 44.8 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 92.188 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

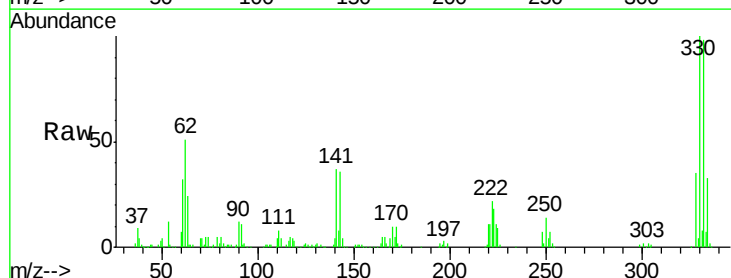
Tgt Ion:330 Resp: 261042

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

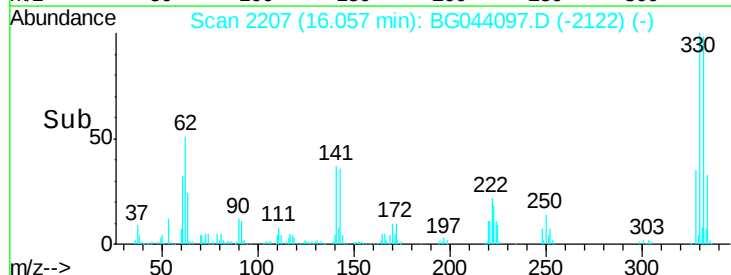
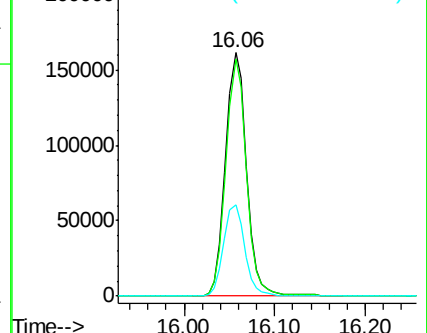
141 38.1 33.1 49.7

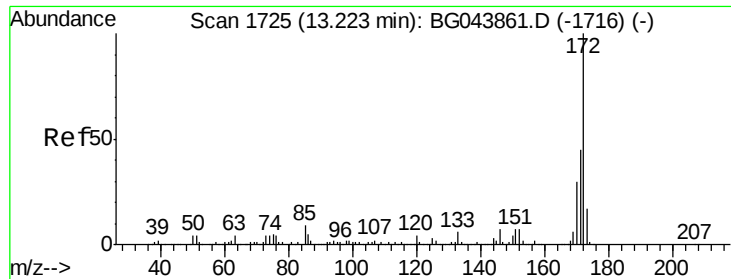


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

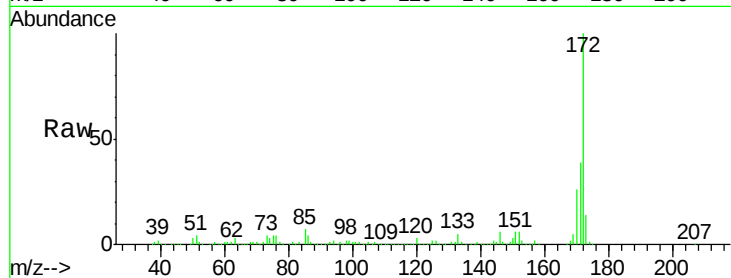




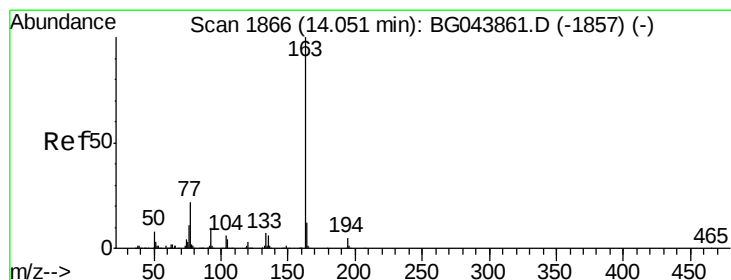
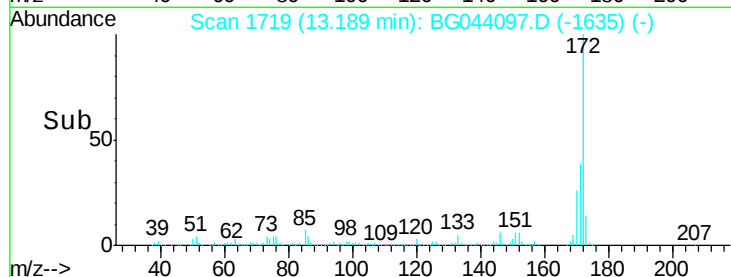
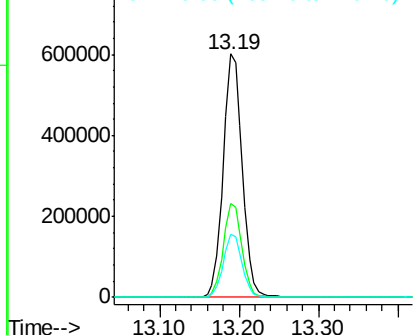
#45
2-Fluorobiphenyl
Concen: 67.063 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044097.D
Acq: 20 Jan 2020 14:27

Instrument :
BNA_G
ClientSampleId :
EP-3

Tot Ion:172 Resp: 1001585
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 26.0 24.2 36.4

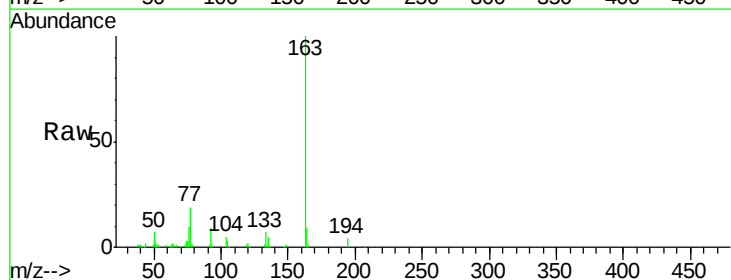


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

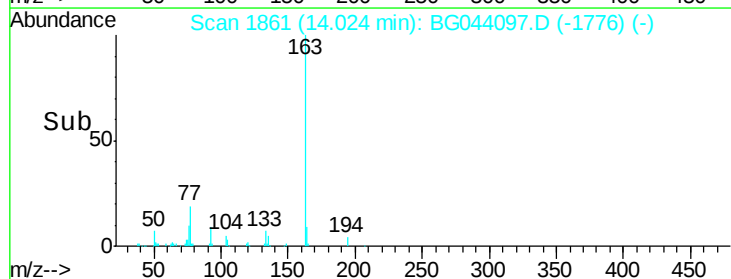
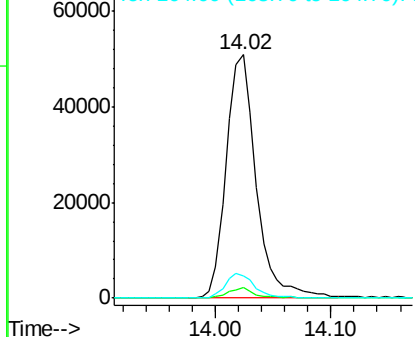


#50
Dimethylphthalate
Concen: 4.781 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044097.D
Acq: 20 Jan 2020 14:27

Tgt Ion:163 Resp: 91855
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 9.2 9.3 13.9#



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: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

Instrument :

BNA_G

ClientSampled :

EP-3

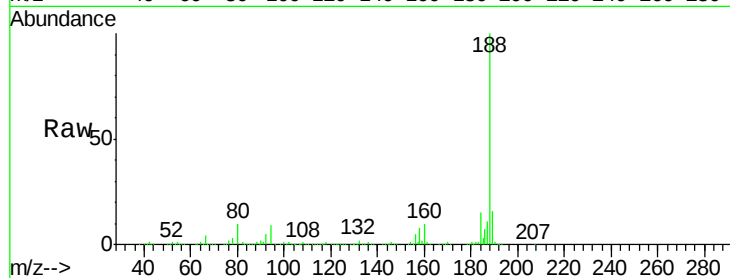
Tot Ion:188 Resp: 541226

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

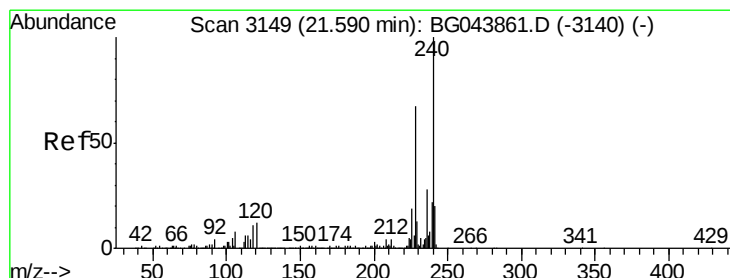
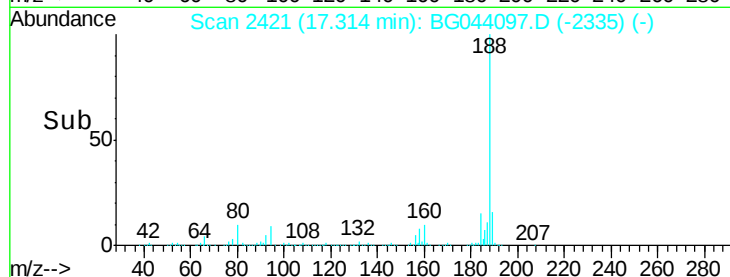
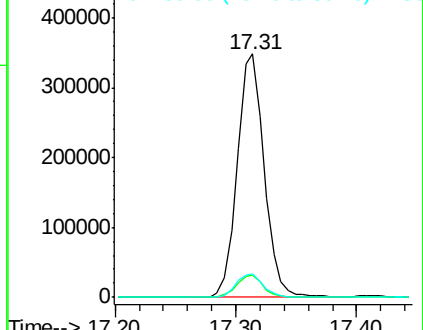
80 9.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

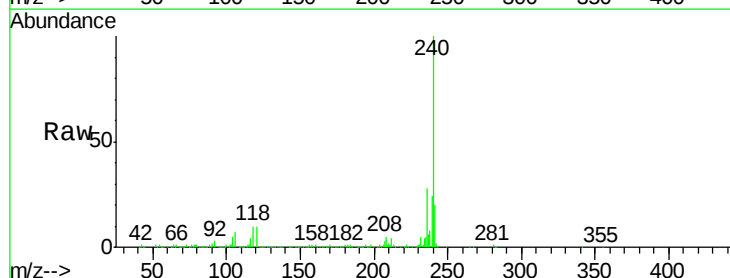
Tgt Ion:240 Resp: 458638

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

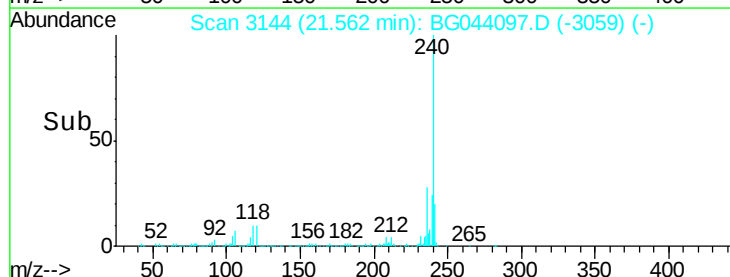
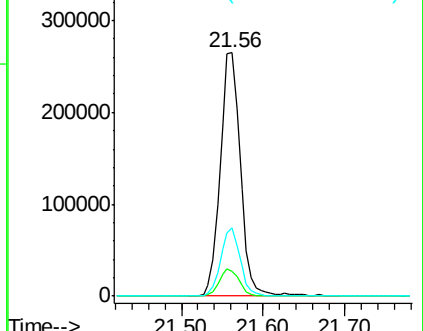
236 28.0 22.2 33.2

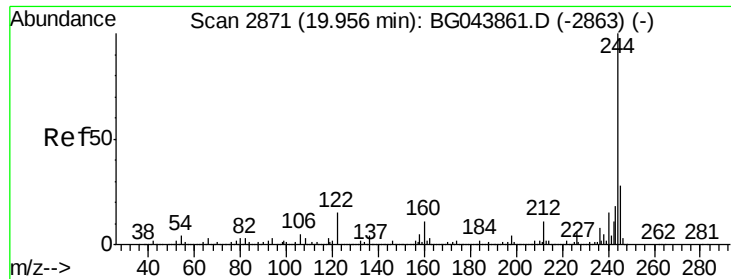


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.339 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

Instrument :

BNA_G

ClientSampled :

EP-3

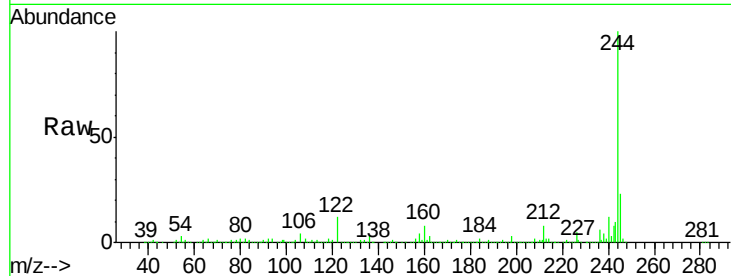
Tot Ion:244 Resp: 1373547

Ion Ratio Lower Upper

244 100

212 8.5 8.6 13.0#

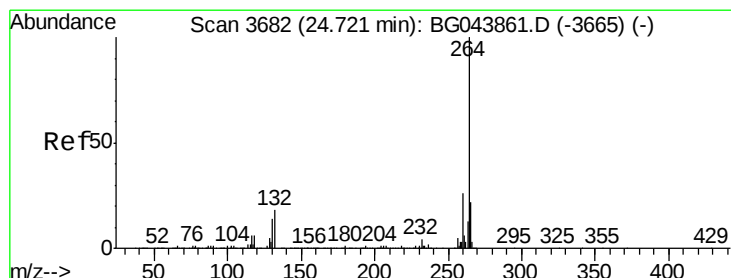
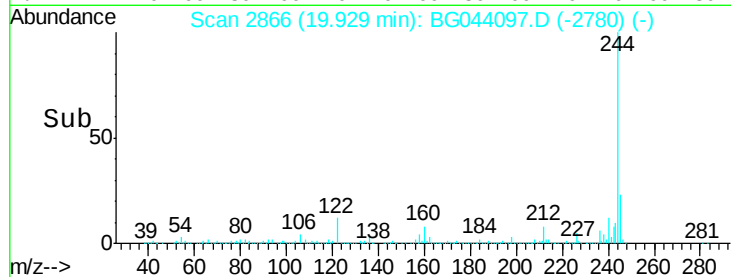
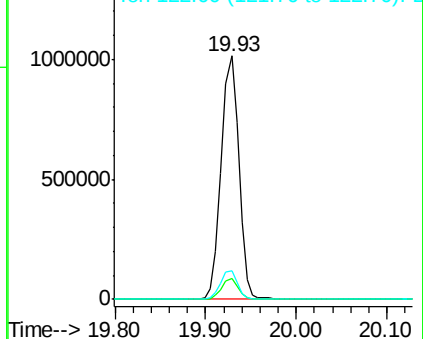
122 11.8 11.9 17.9#



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044097.D

Acq: 20 Jan 2020 14:27

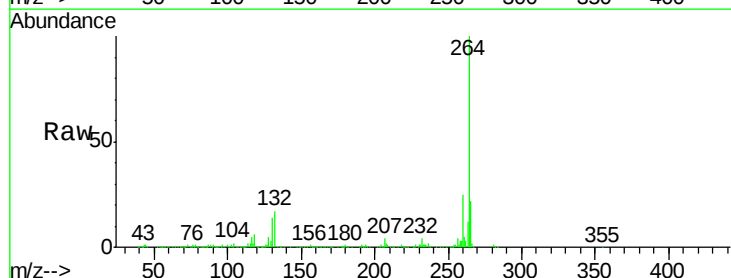
Tgt Ion:264 Resp: 505933

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

265 21.9 17.4 26.2



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

