

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044883.D
 Acq On : 19 Mar 2020 3:45
 Operator : CG/JU
 Sample : L1920-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F-1

Quant Time: Mar 19 06:56:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

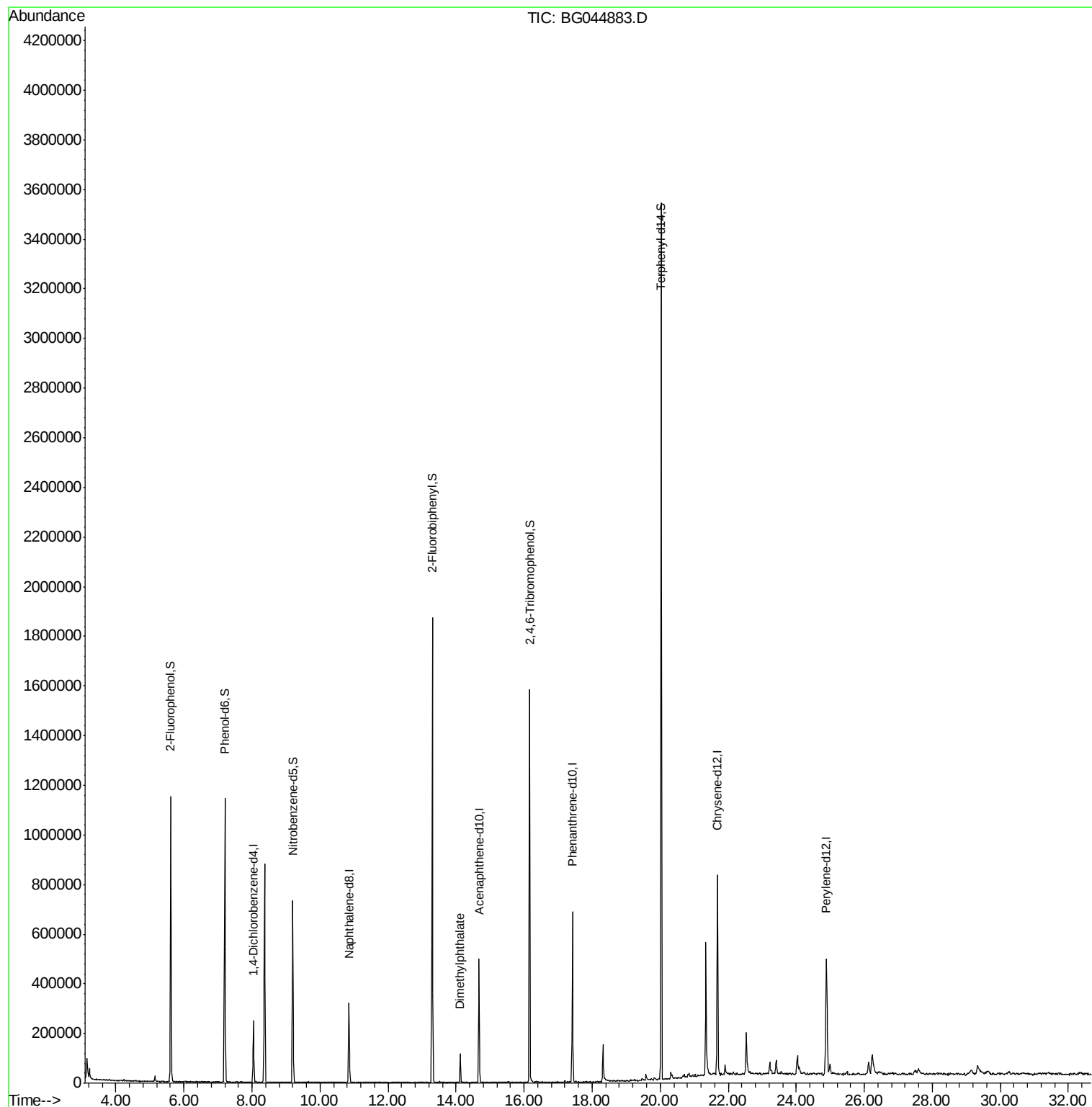
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	71182	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	275624	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	181917	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	437758	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	479770	20.00	ng	-0.02
87) Perylene-d12	24.89	264	515412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	515763	112.79	ng	0.00
7) Phenol-d6	7.20	99	718354	108.13	ng	0.00
23) Nitrobenzene-d5	9.20	82	469762	74.79	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	311421	130.74	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	999294	78.66	ng	0.00
79) Terphenyl-d14	20.03	244	1756905	68.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	80222	5.537	ng	Qvalue 98

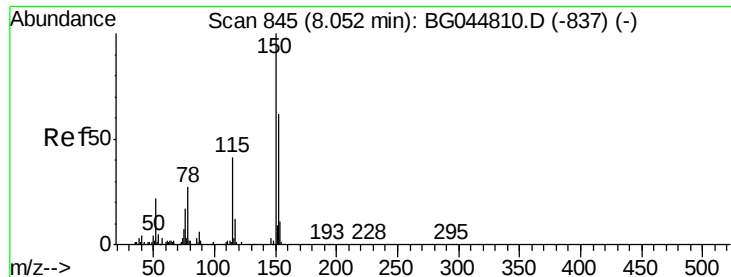
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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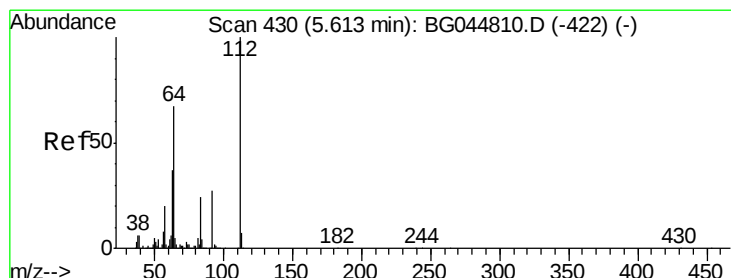
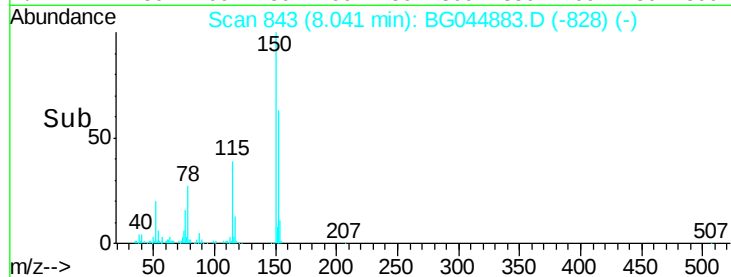
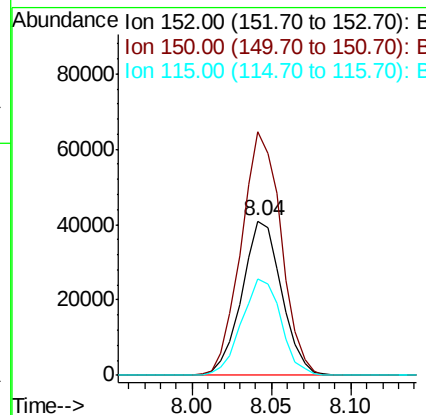
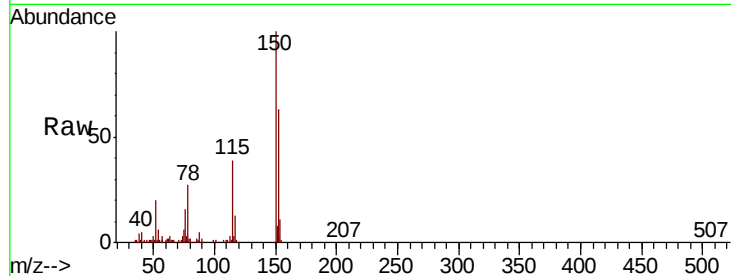


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044883.D
Acq: 19 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
F-1

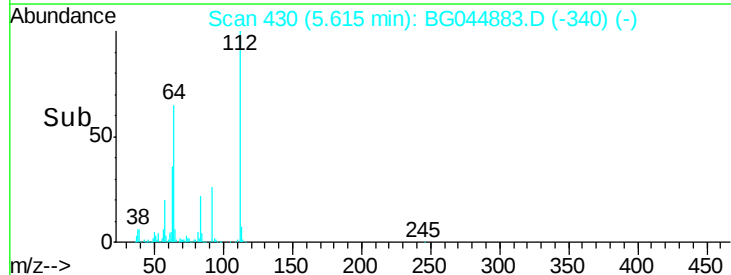
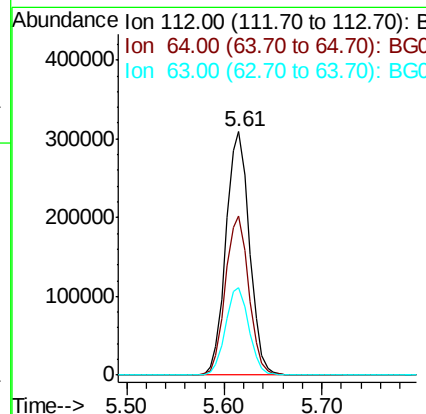
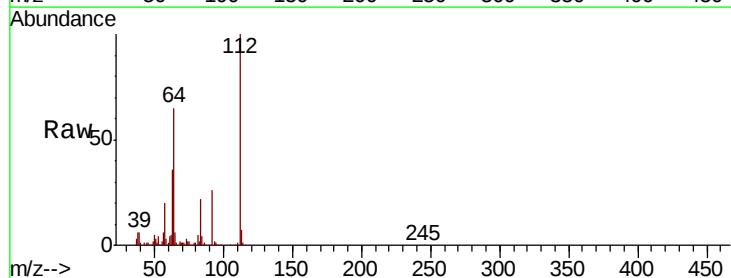
Tot Ion:152 Resp: 71182
Ion Ratio Lower Upper
152 100
150 158.1 128.8 193.2
115 62.4 52.6 79.0

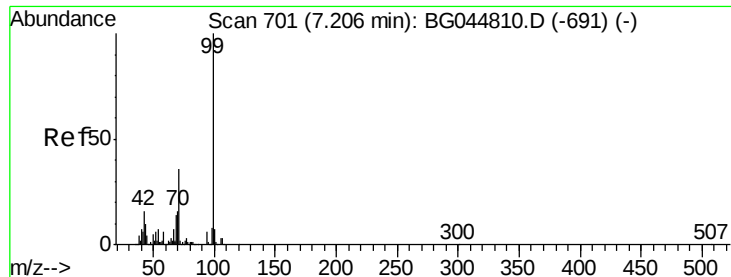


#5

2-Fluorophenol
Concen: 112.793 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044883.D
Acq: 19 Mar 2020 3:45

Tgt Ion:112 Resp: 515763
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 35.8 29.4 44.2





#7

Phenol-d6

Concen: 108.125 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

Instrument :

BNA_G

ClientSampleId :

F-1

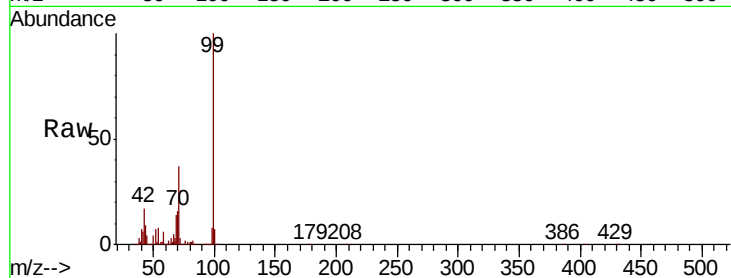
Tot Ion: 99 Resp: 718354

Ion Ratio Lower Upper

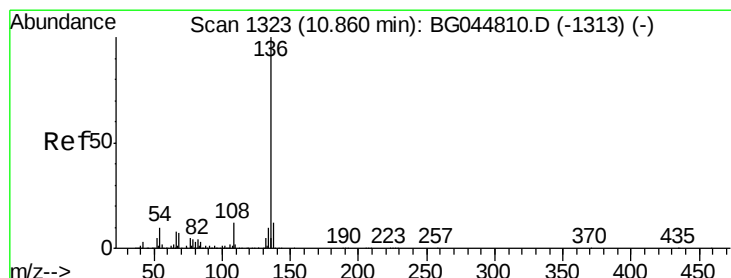
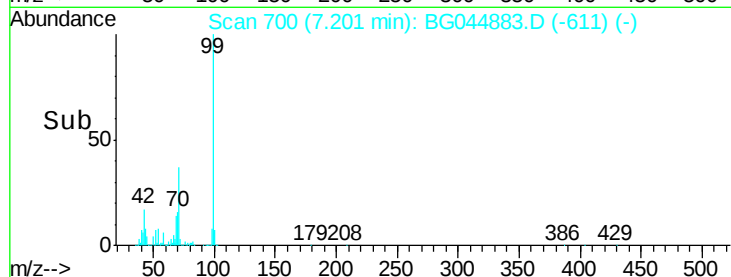
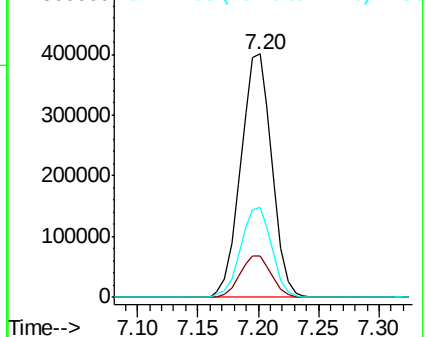
99 100

42 16.8 12.6 19.0

71 36.9 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

Tgt Ion: 136 Resp: 275624

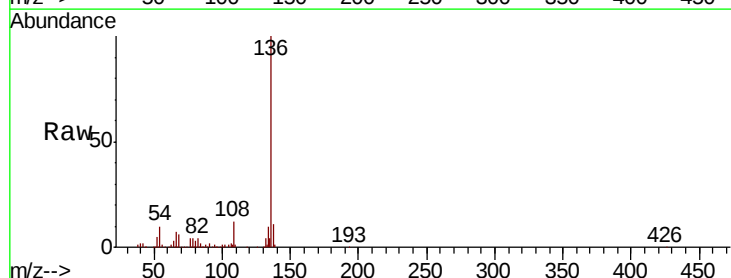
Ion Ratio Lower Upper

136 100

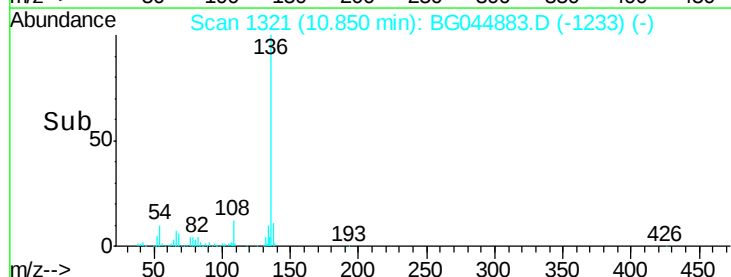
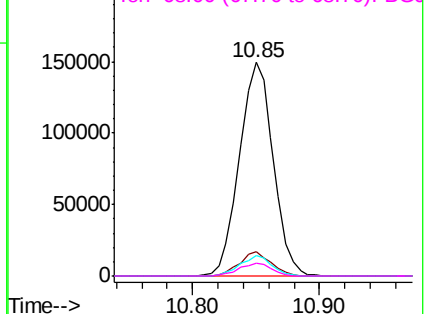
137 11.5 9.8 14.6

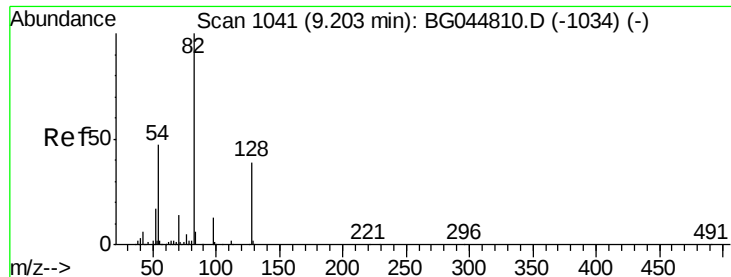
54 9.6 7.9 11.9

68 6.1 5.4 8.0



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

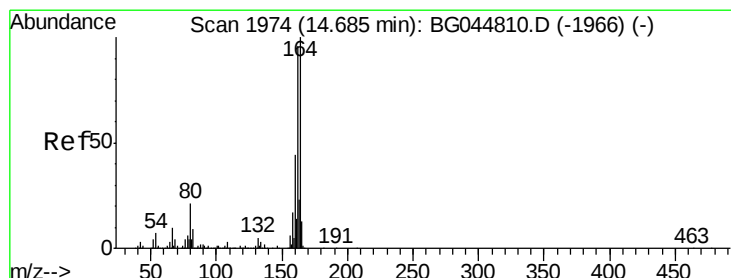
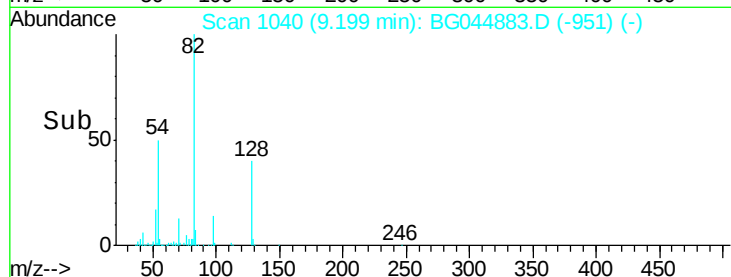
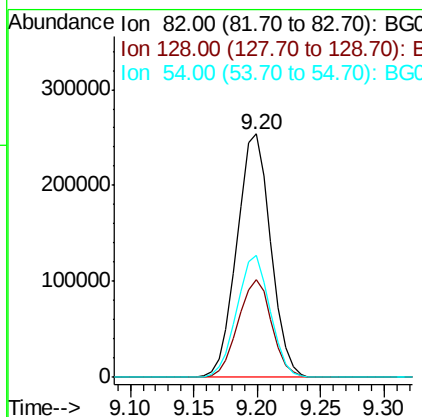
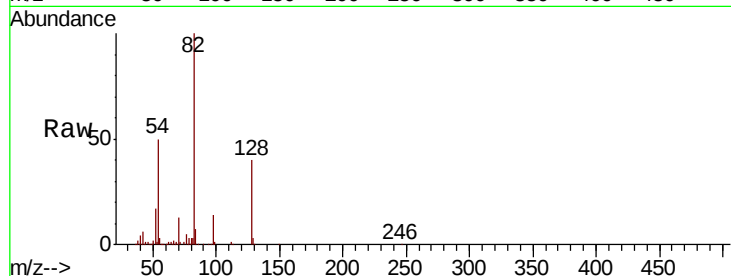




#23
 Nitrobenzene-d5
 Concen: 74.790 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044883.D
 Acq: 19 Mar 2020 3:45

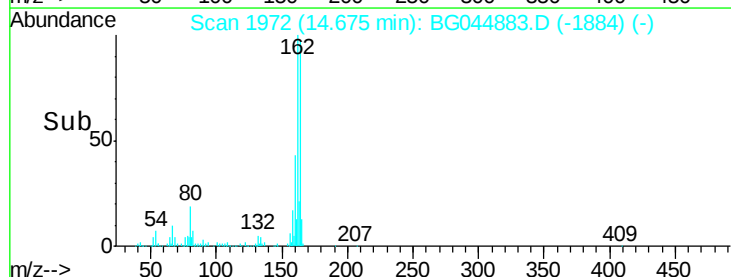
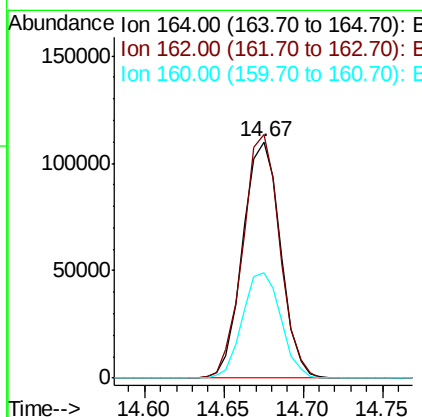
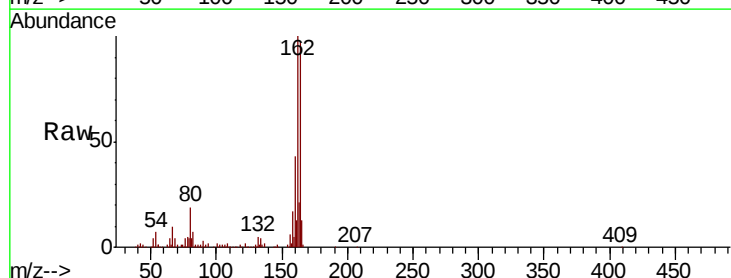
Instrument :
 BNA_G
 ClientSampleId :
 F-1

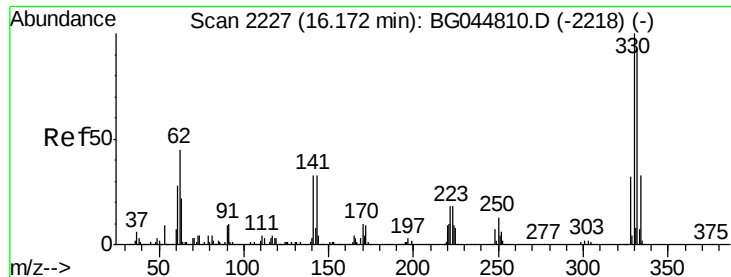
Tot Ion	82	Resp	469762
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.6	46.0
54	49.9	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044883.D
 Acq: 19 Mar 2020 3:45

Tgt Ion	164	Resp	181917
Ion Ratio	Lower	Upper	
164	100		
162	103.1	76.7	115.1
160	44.7	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 130.743 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

Instrument :

BNA_G

ClientSampled :

F-1

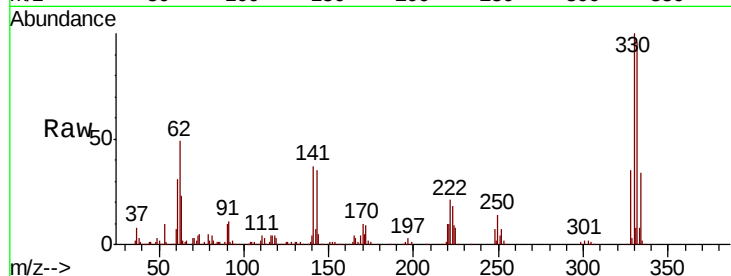
Tot Ion:330 Resp: 311421

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

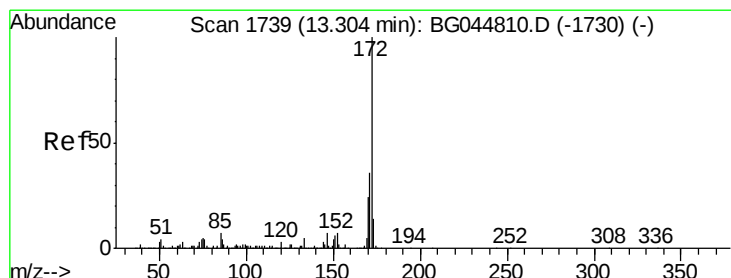
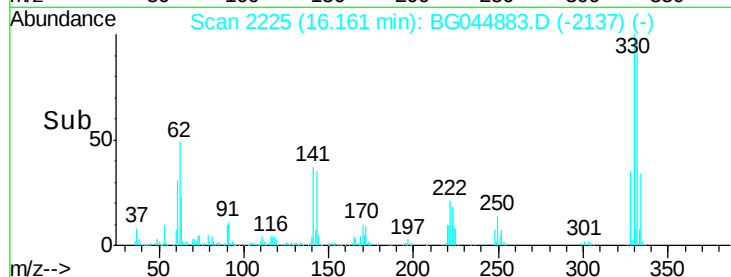
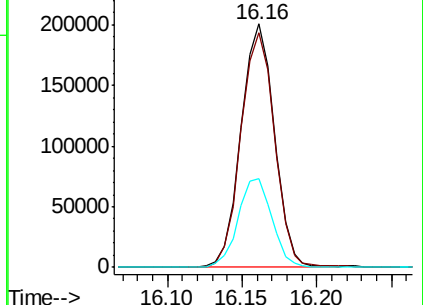
141 37.1 29.5 44.3



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: 78.663 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

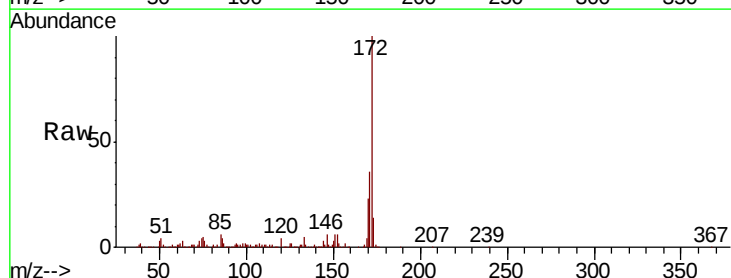
Tgt Ion:172 Resp: 999294

Ion Ratio Lower Upper

172 100

171 36.4 28.7 43.1

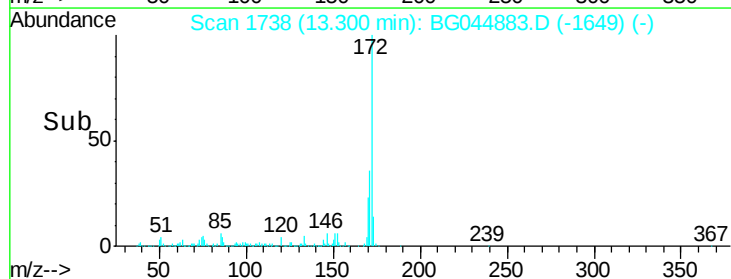
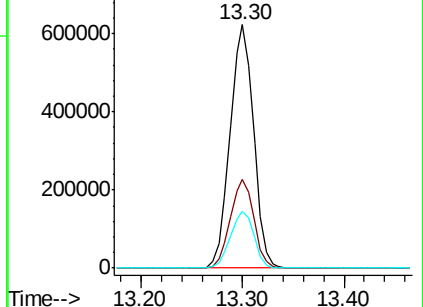
170 23.2 19.0 28.6

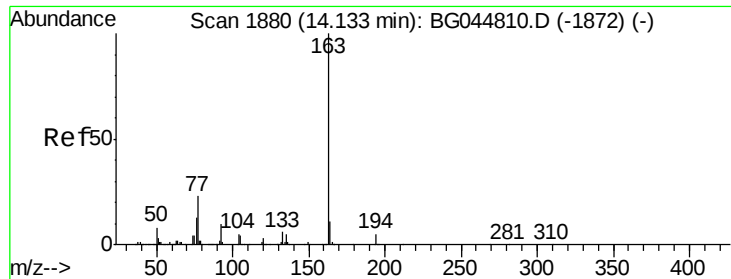


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

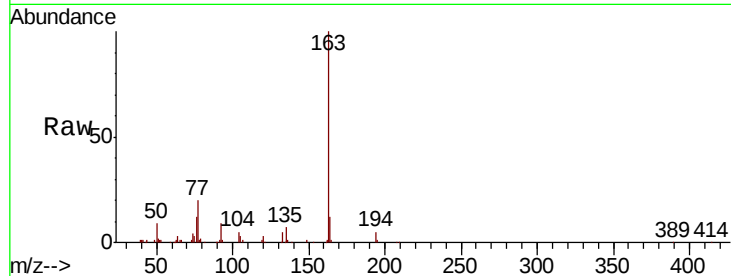




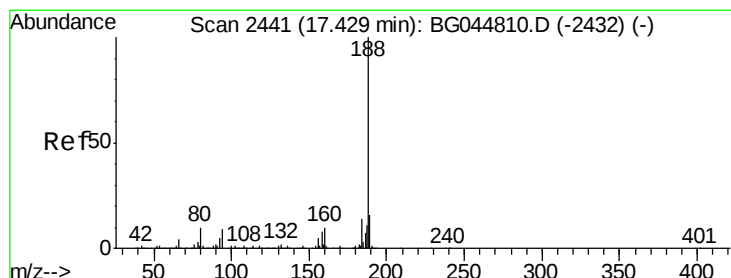
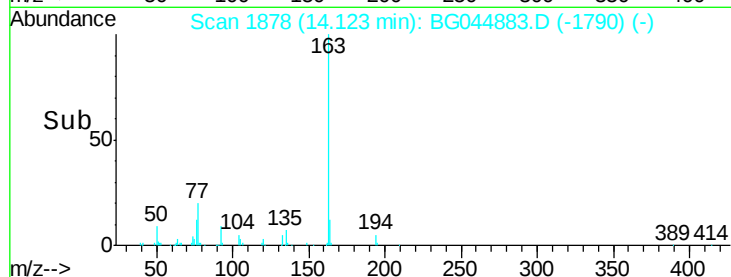
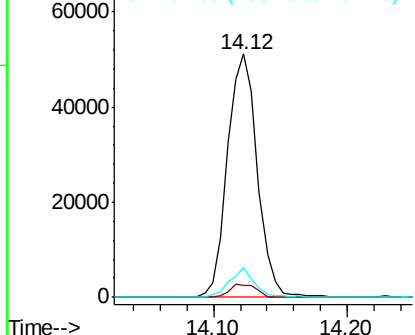
#50
Dimethylphthalate
Concen: 5.537 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044883.D
Acq: 19 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
F-1

Tot Ion:163 Resp: 80222
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 12.3 9.1 13.7

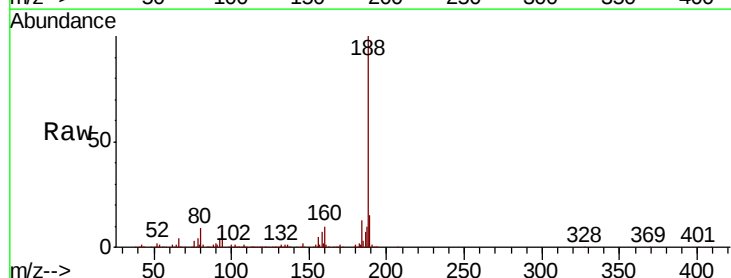


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

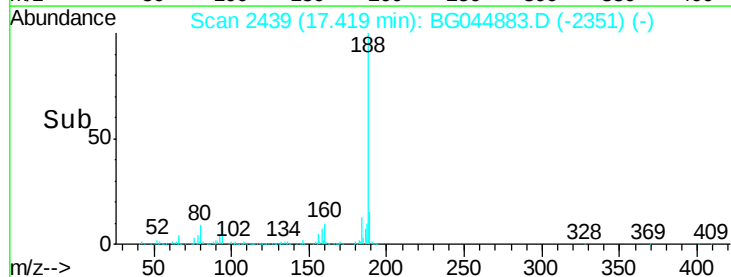
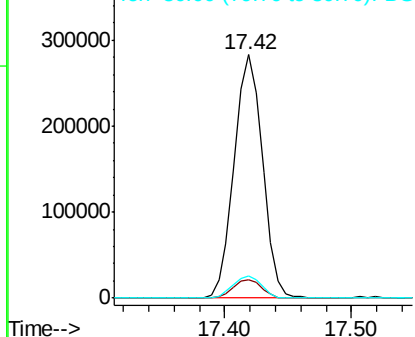


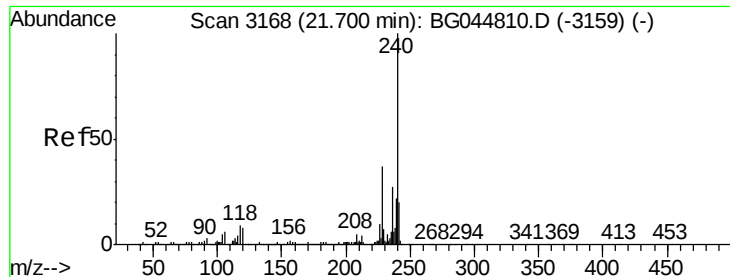
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044883.D
Acq: 19 Mar 2020 3:45

Tgt Ion:188 Resp: 437758
Ion Ratio Lower Upper
188 100
94 7.8 7.3 10.9
80 9.3 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

Instrument :

BNA_G

ClientSampleId :

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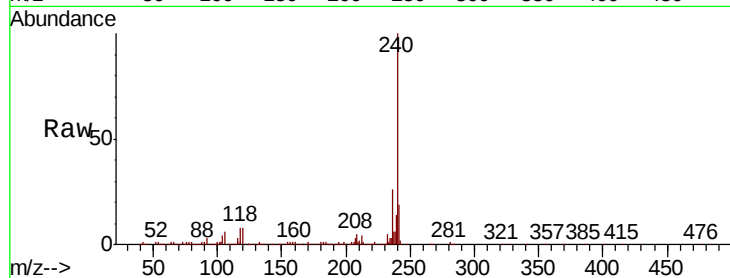
Tot Ion:240 Resp: 479770

Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

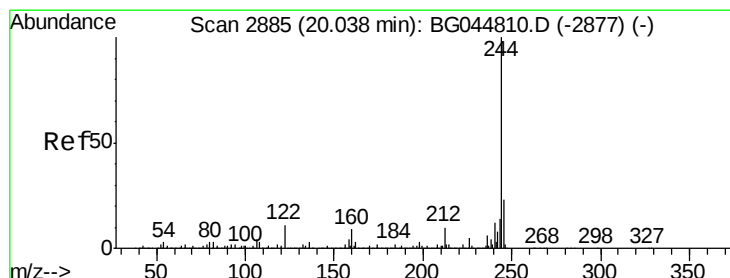
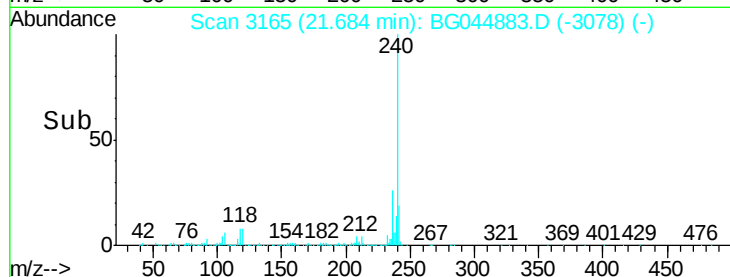
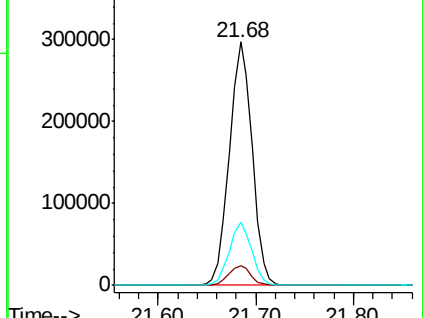
236 25.9 21.5 32.3



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: 68.499 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044883.D

Acq: 19 Mar 2020 3:45

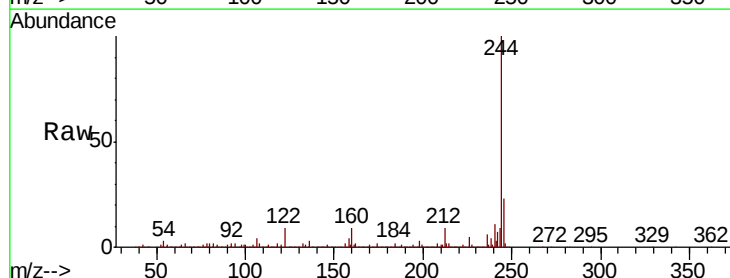
Tgt Ion:244 Resp: 1756905

Ion Ratio Lower Upper

244 100

212 8.9 7.7 11.5

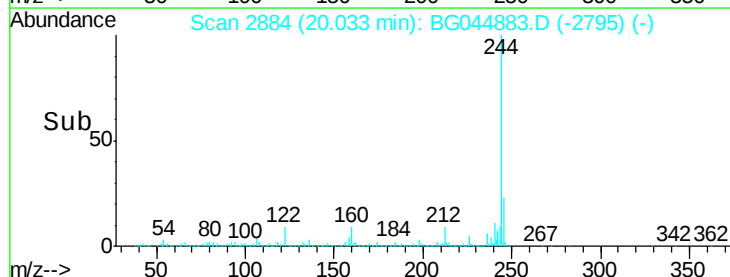
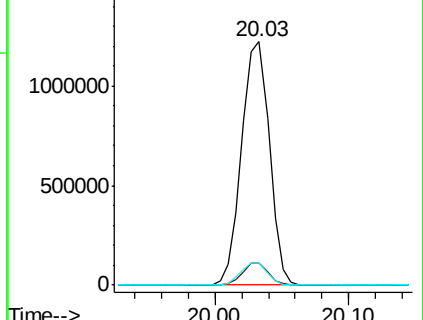
122 8.9 8.6 12.8

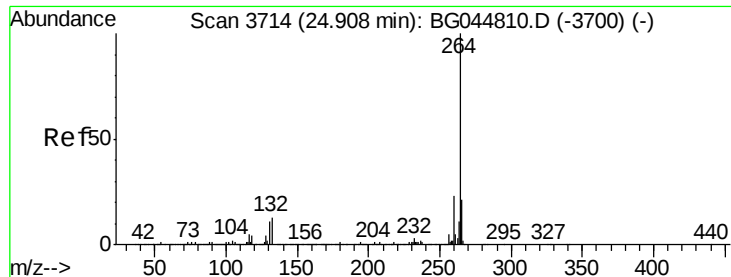


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

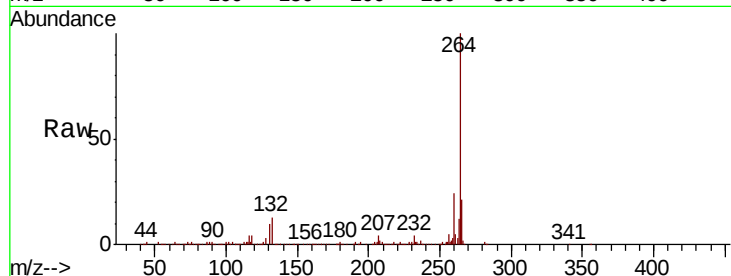




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044883.D
Acq: 19 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
F-1

Tot Ion:264 Resp: 515412
Ion Ratio Lower Upper
264 100
260 23.7 18.1 27.1
265 21.1 17.1 25.7



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

