

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044884.D
 Acq On : 19 Mar 2020 4:25
 Operator : CG/JU
 Sample : L1920-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F-2

Quant Time: Mar 19 07:00:51 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

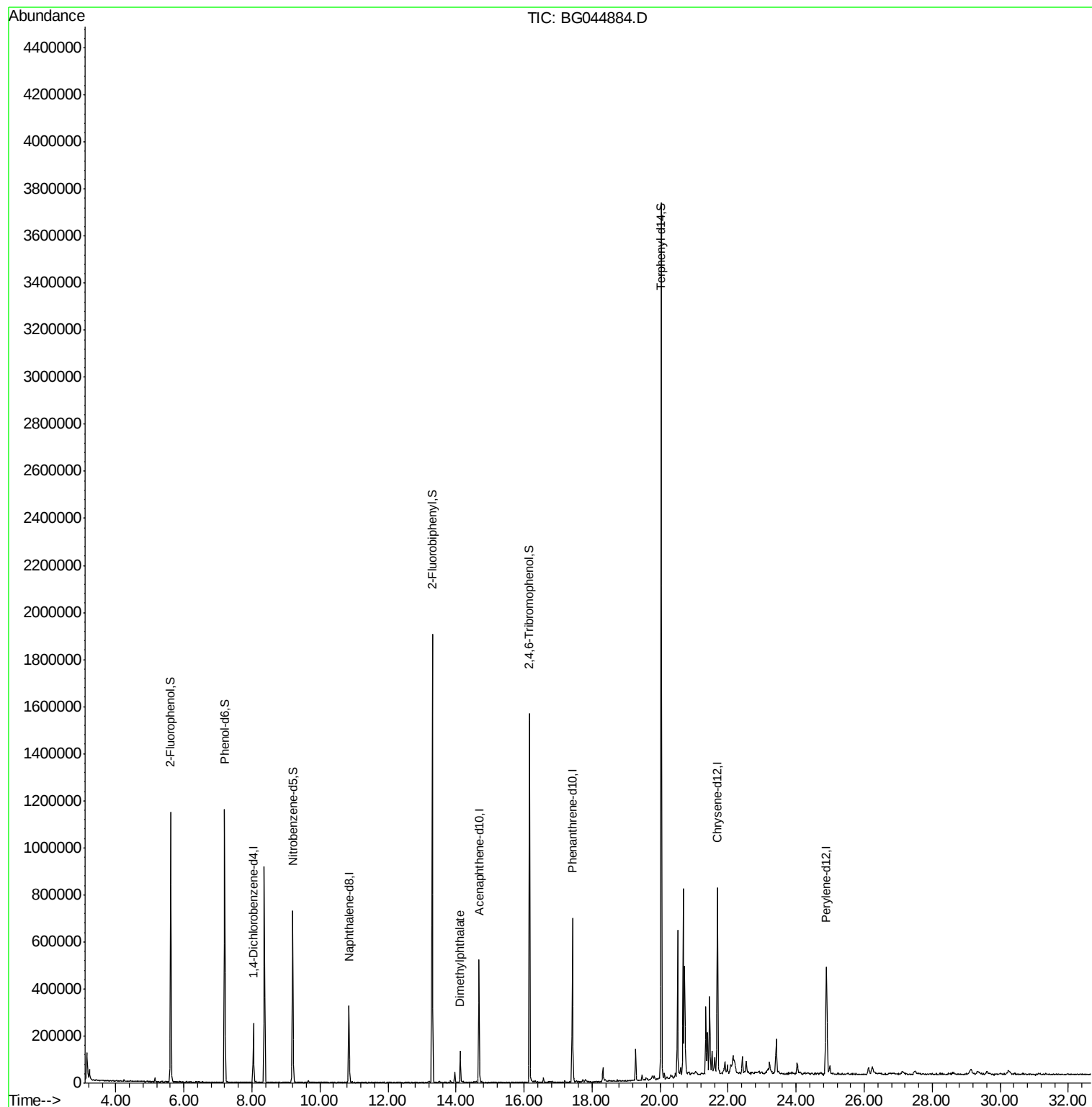
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	70983	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	282479	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	189496	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	450439	20.00	ng	0.00
76) Chrysene-d12	21.69	240	469442	20.00	ng	-0.01
87) Perylene-d12	24.89	264	508466	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	512031	112.29	ng	0.00
7) Phenol-d6	7.20	99	720755	108.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	478182	74.28	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	315724	127.25	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1026341	77.56	ng	0.00
79) Terphenyl-d14	20.03	244	1805880	71.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	89802	5.950	ng	Qvalue 96

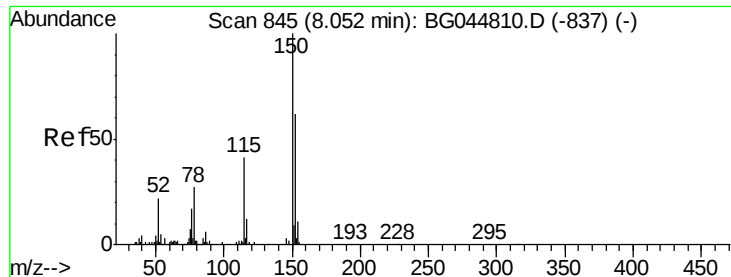
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 17:37:15 2020
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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: BG044884.D

Acq: 19 Mar 2020 4:25

Instrument :

BNA_G

ClientSampleId :

F-2

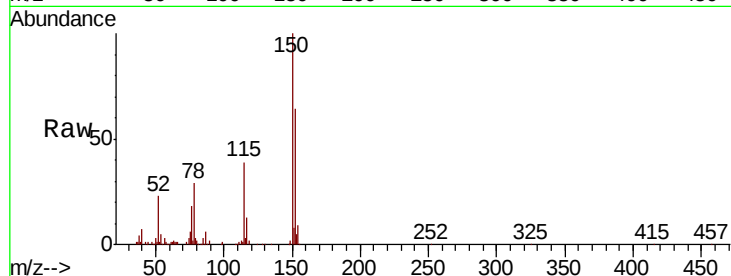
Tot Ion:152 Resp: 70983

Ion Ratio Lower Upper

152 100

150 156.9 128.8 193.2

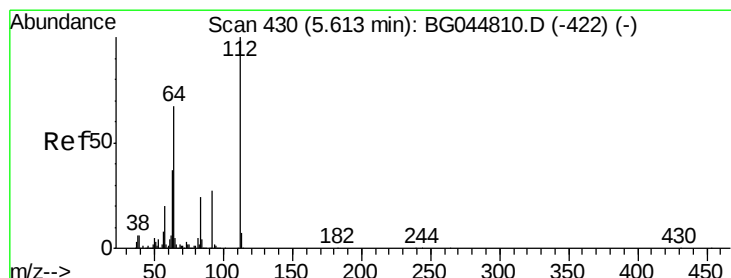
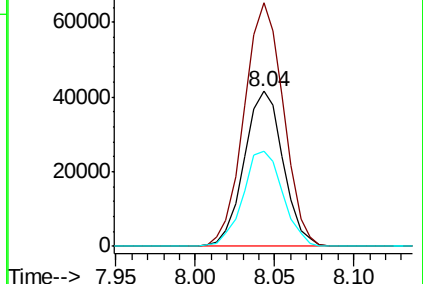
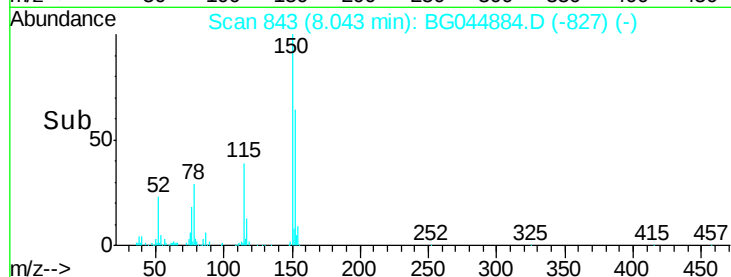
115 61.4 52.6 79.0



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: 112.291 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

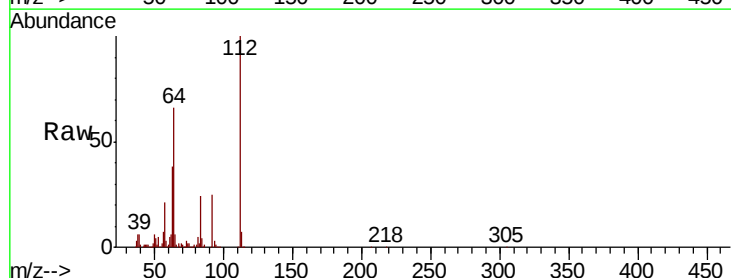
Tgt Ion:112 Resp: 512031

Ion Ratio Lower Upper

112 100

64 65.9 53.4 80.2

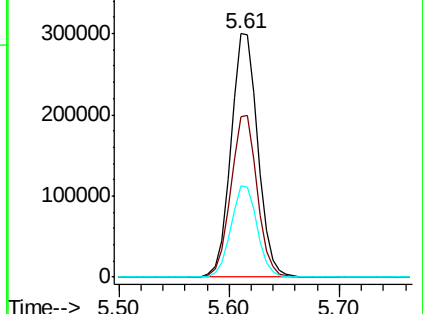
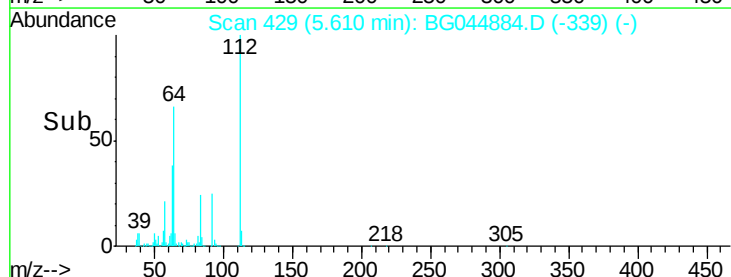
63 37.7 29.4 44.2

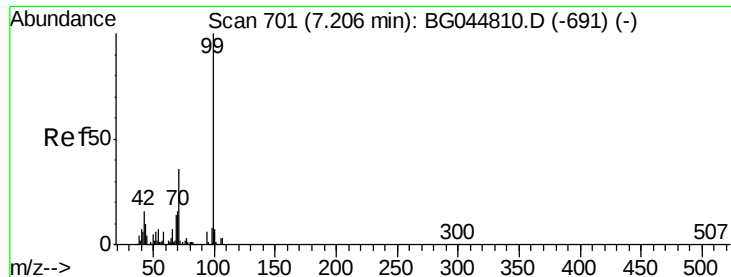


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.791 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

Instrument :

BNA_G

ClientSampleId :

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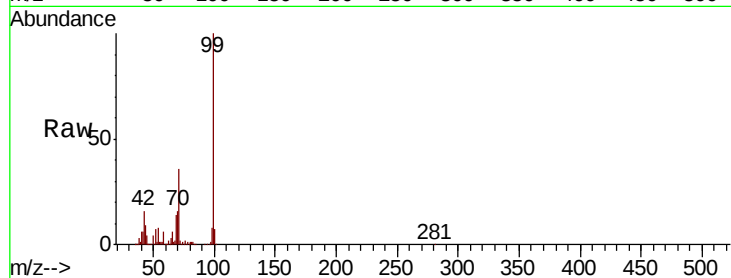
Tot Ion: 99 Resp: 720755

Ion Ratio Lower Upper

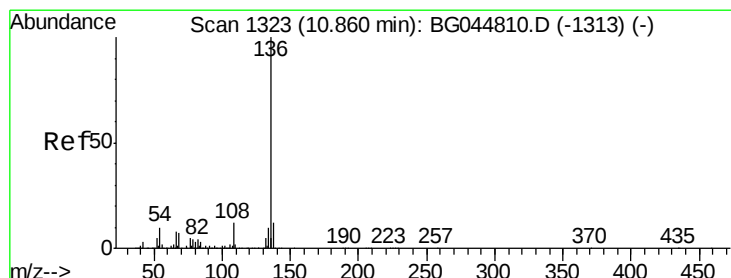
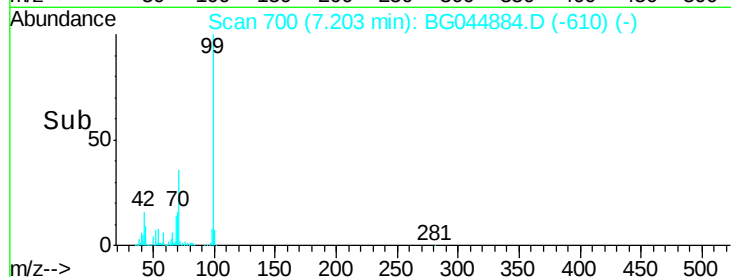
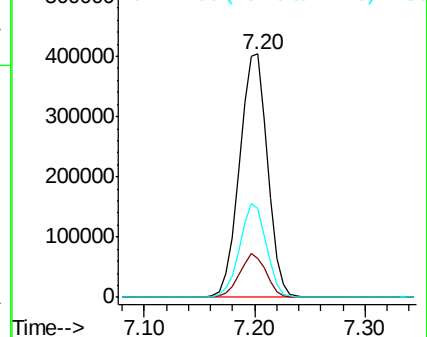
99 100

42 15.7 12.6 19.0

71 36.3 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: BG044884.D

Acq: 19 Mar 2020 4:25

Tgt Ion: 136 Resp: 282479

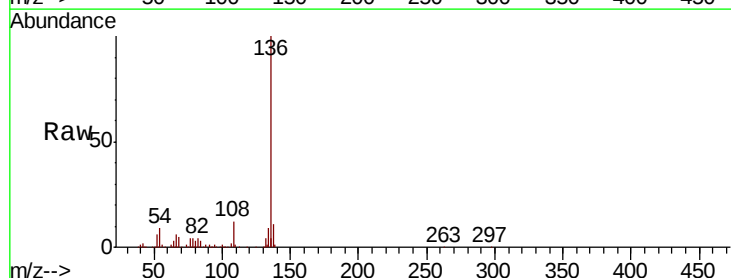
Ion Ratio Lower Upper

136 100

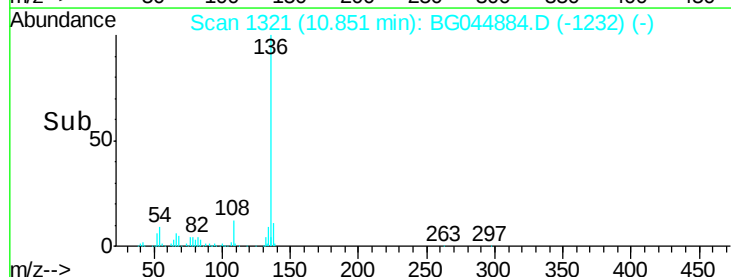
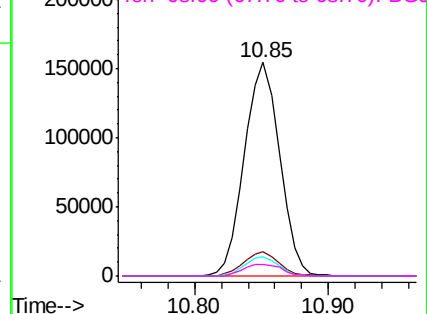
137 11.4 9.8 14.6

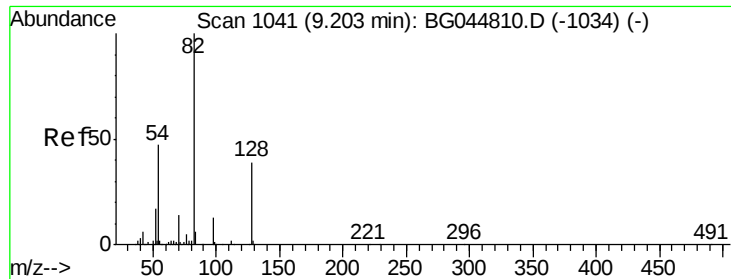
54 8.9 7.9 11.9

68 5.3 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

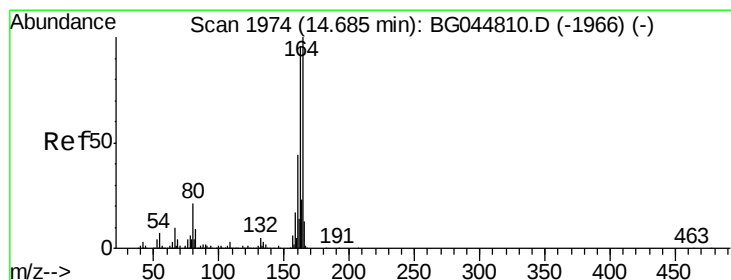
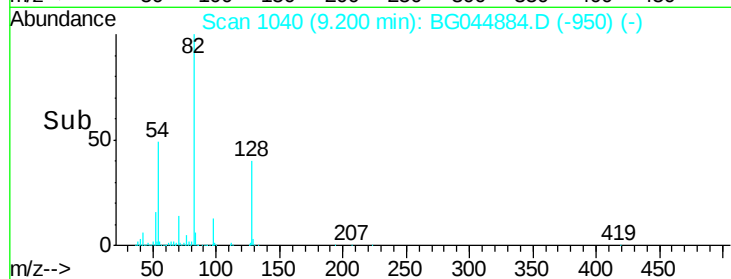
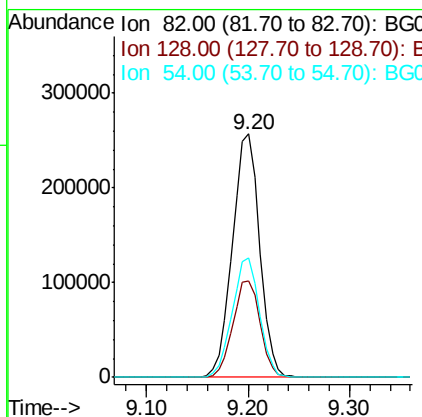
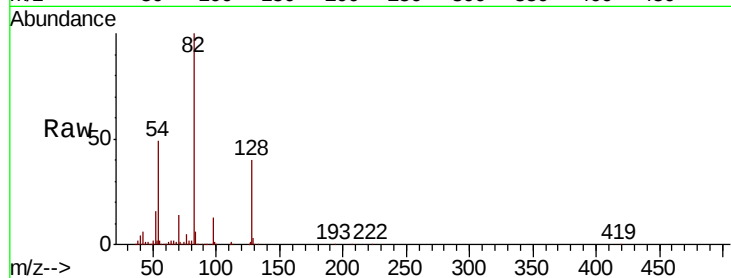




#23
 Nitrobenzene-d5
 Concen: 74.283 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044884.D
 Acq: 19 Mar 2020 4:25

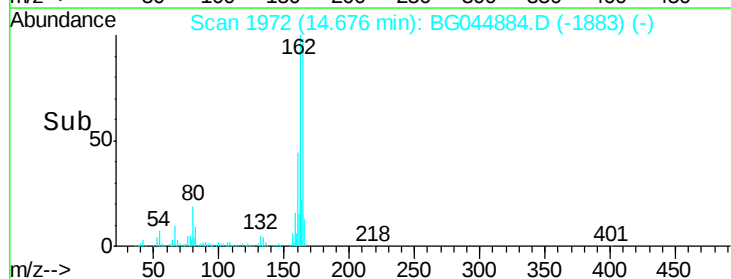
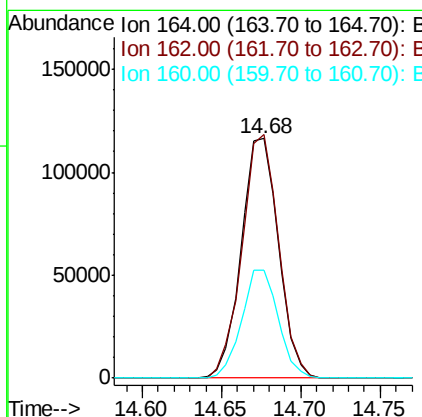
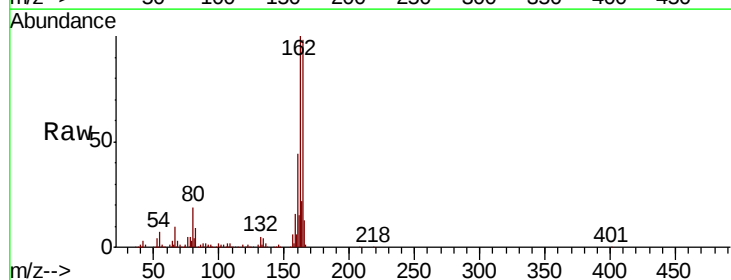
Instrument :
 BNA_G
 ClientSampleId :
 F-2

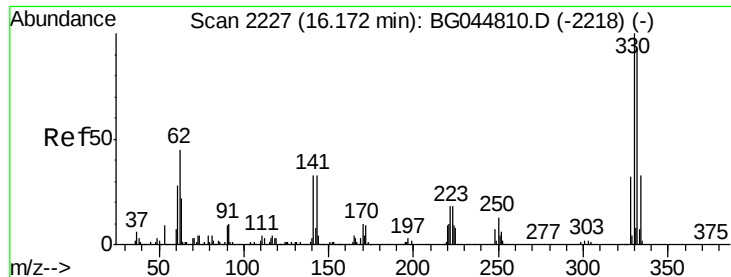
Tot Ion	82	Resp	478182
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.6	46.0
54	49.1	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044884.D
 Acq: 19 Mar 2020 4:25

Tgt Ion	164	Resp	189496
Ion Ratio	Lower	Upper	
164	100		
162	101.7	76.7	115.1
160	45.3	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 127.249 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

Instrument :

BNA_G

ClientSampleId :

F-2

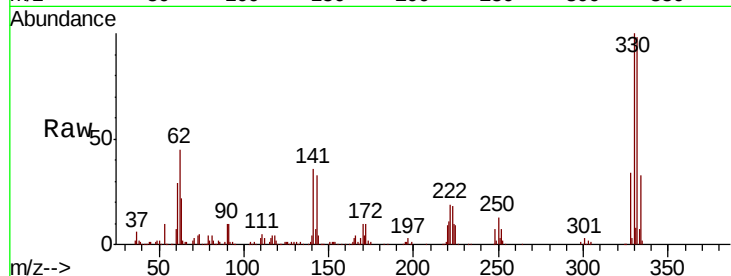
Tot Ion:330 Resp: 315724

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

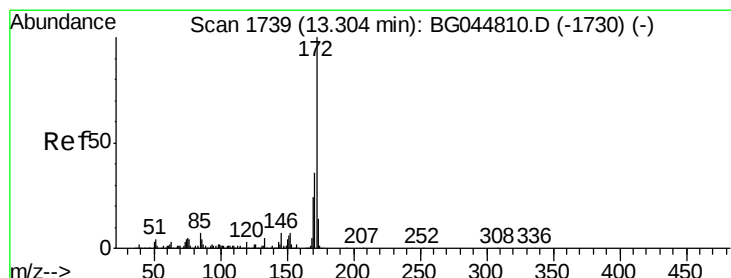
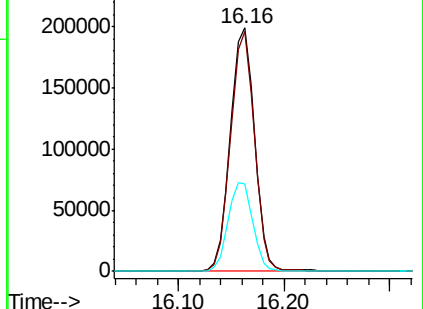
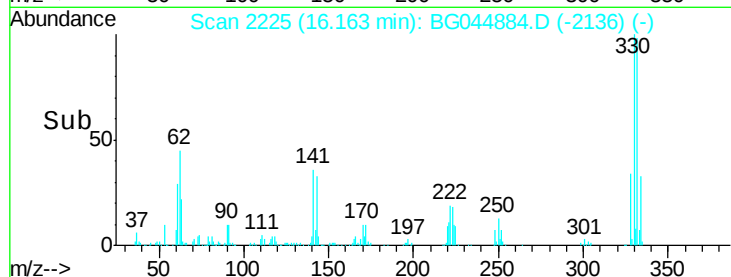
141 37.1 29.5 44.3



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: 77.561 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

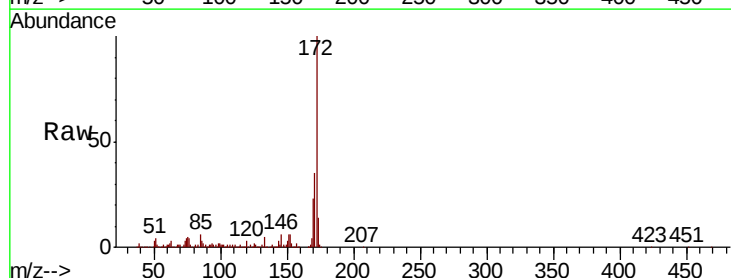
Tgt Ion:172 Resp: 1026341

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

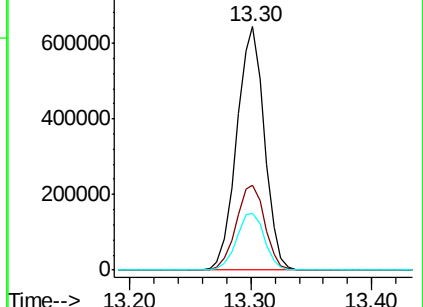
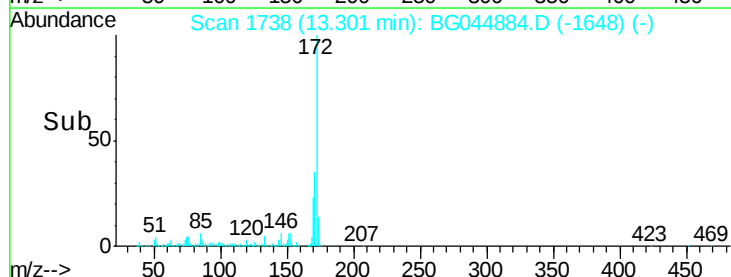
170 23.4 19.0 28.6

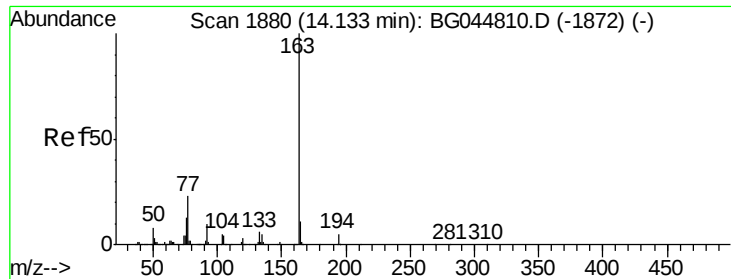


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

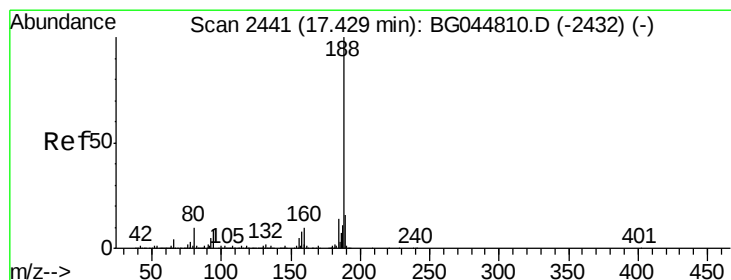
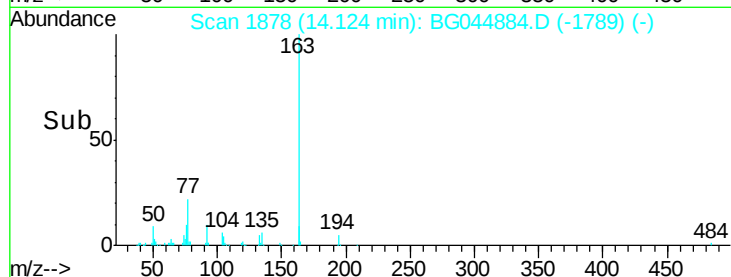
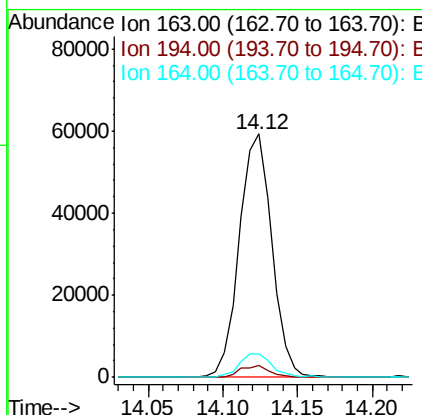
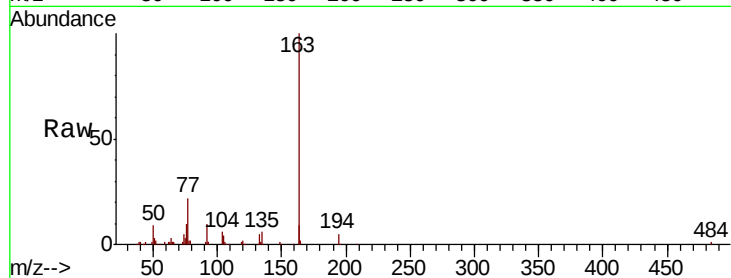




#50
Dimethylphthalate
Concen: 5.950 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044884.D
Acq: 19 Mar 2020 4:25

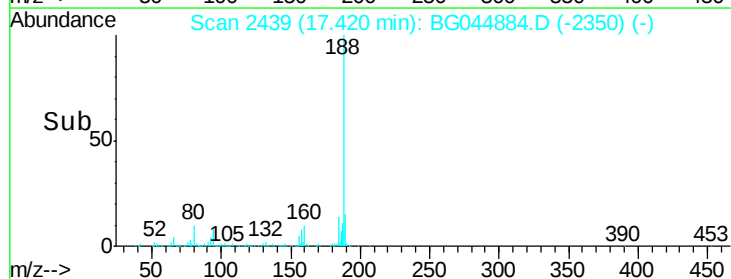
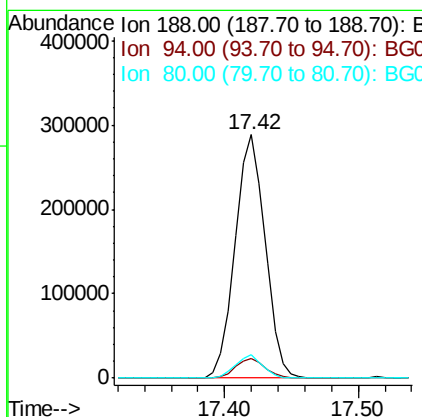
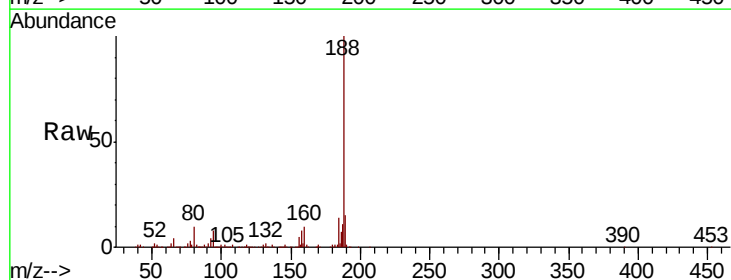
Instrument :
BNA_G
ClientSampleId :
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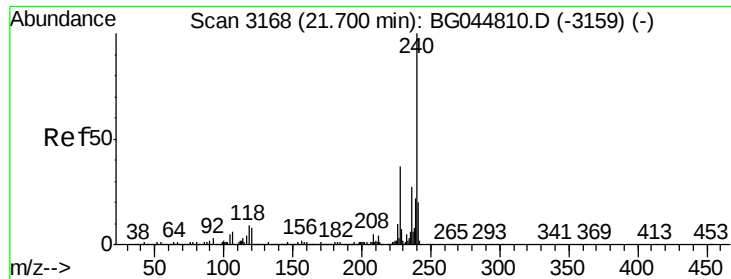
Tot Ion:163 Resp: 89802
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 9.4 9.1 13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044884.D
Acq: 19 Mar 2020 4:25

Tgt Ion:188 Resp: 450439
Ion Ratio Lower Upper
188 100
94 8.2 7.3 10.9
80 9.6 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

Instrument :

BNA_G

ClientSampleId :

F-2

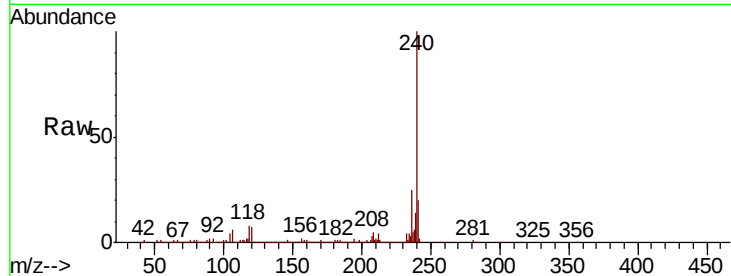
Tot Ion:240 Resp: 469442

Ion Ratio Lower Upper

240 100

120 6.7 6.7 10.1#

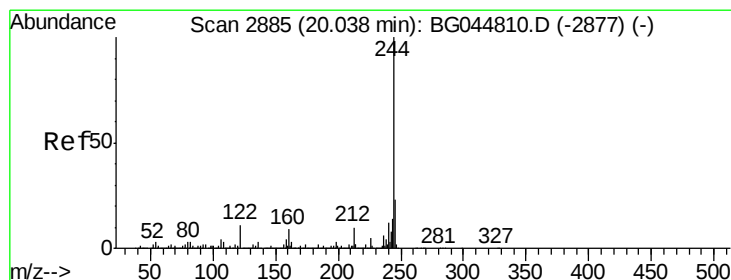
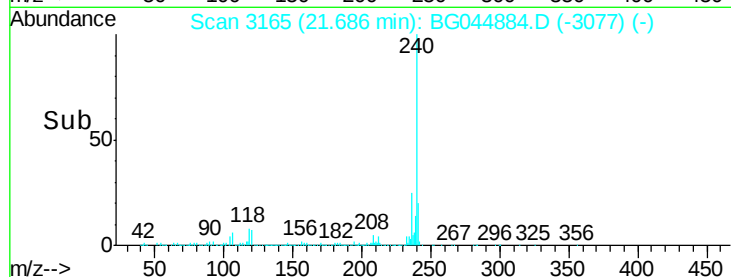
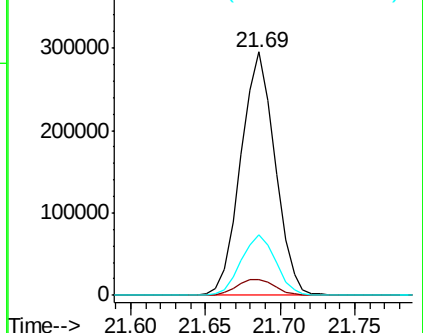
236 25.0 21.5 32.3



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: 71.958 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044884.D

Acq: 19 Mar 2020 4:25

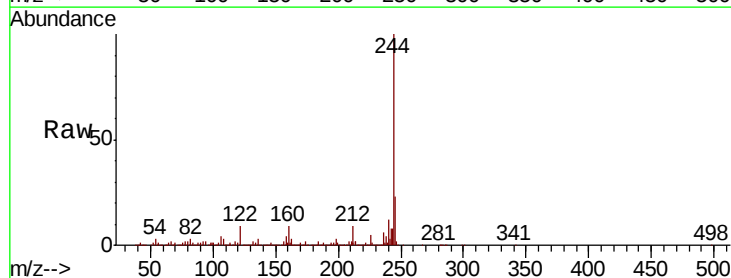
Tgt Ion:244 Resp: 1805880

Ion Ratio Lower Upper

244 100

212 9.2 7.7 11.5

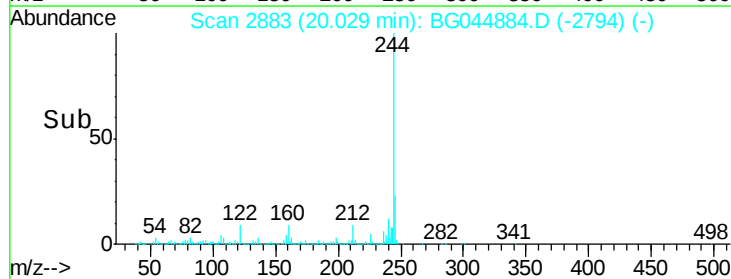
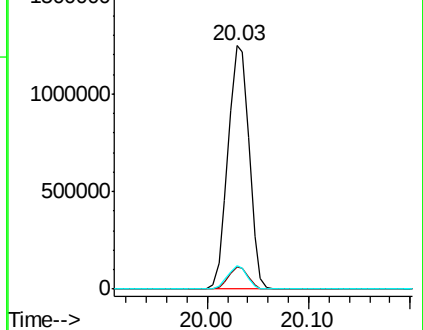
122 9.4 8.6 12.8

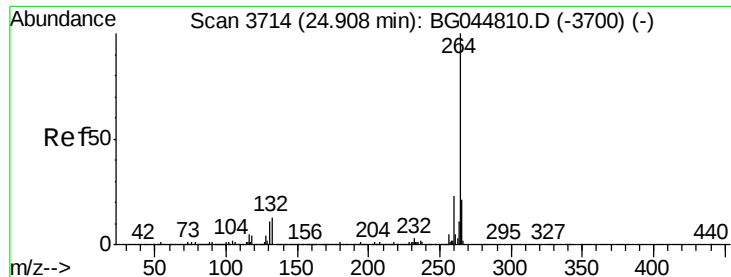


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

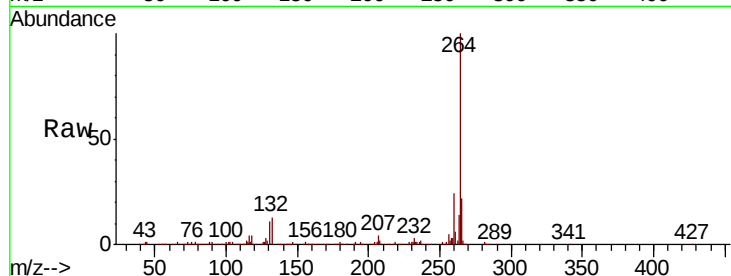




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044884.D
Acq: 19 Mar 2020 4:25

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.1	27.1
265	22.0	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

