

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045813.D
 Acq On : 19 Jun 2020 13:25
 Operator : CG/JU
 Sample : L3033-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF017MW005-200616

Quant Time: Jun 19 14:59:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

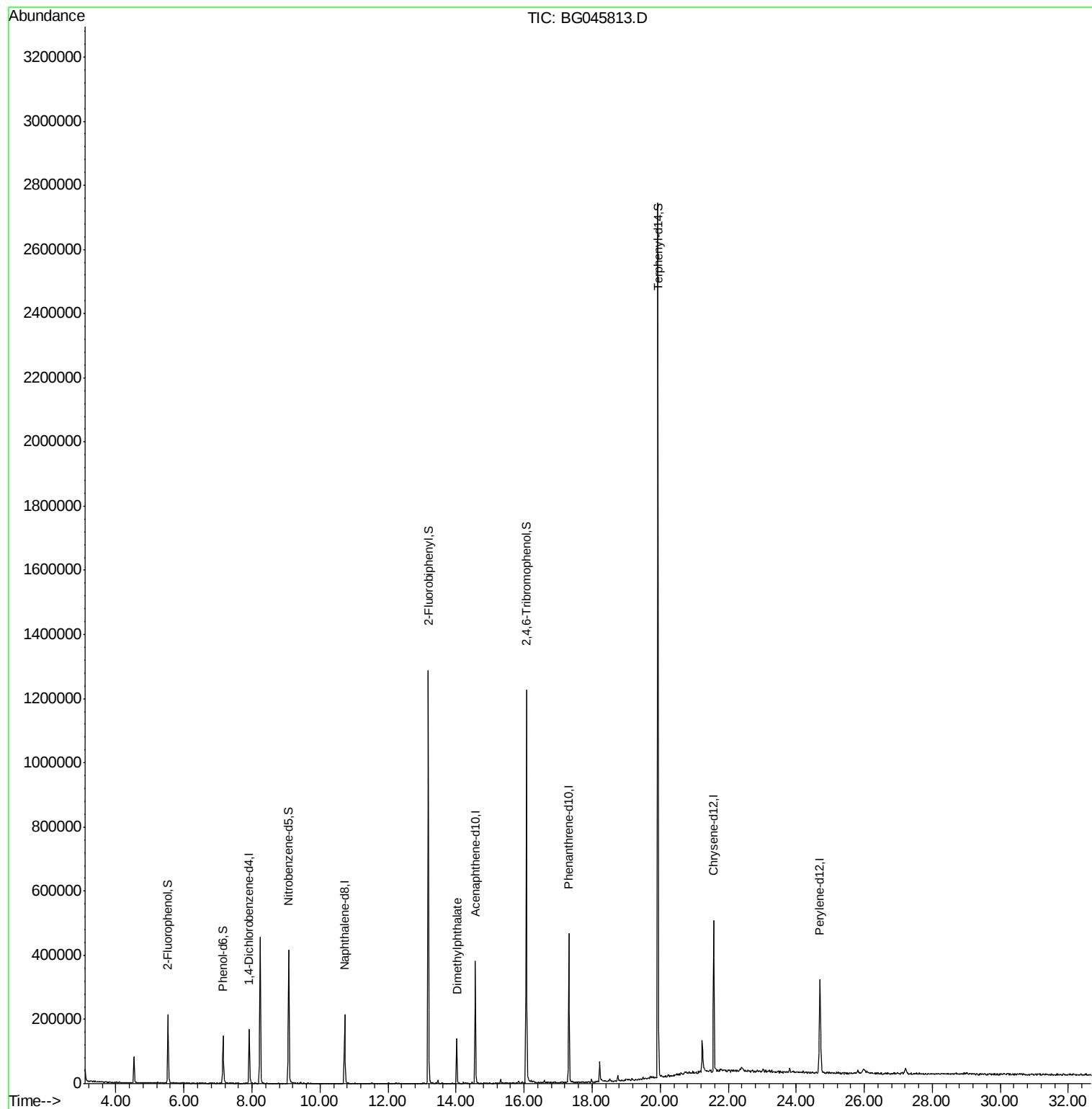
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51265	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	198815	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	139018	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	312069	20.00	ng	0.00
76) Chrysene-d12	21.57	240	302827	20.00	ng	0.00
86) Perylene-d12	24.69	264	330790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	109269	36.01	ng	-0.01
7) Phenol-d6	7.15	99	106296	23.03	ng	-0.02
23) Nitrobenzene-d5	9.08	82	285506	65.60	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	248708	118.50	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	720860	76.20	ng	0.00
79) Terphenyl-d14	19.94	244	1331566	89.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	97613	8.963	ng	Qvalue 99

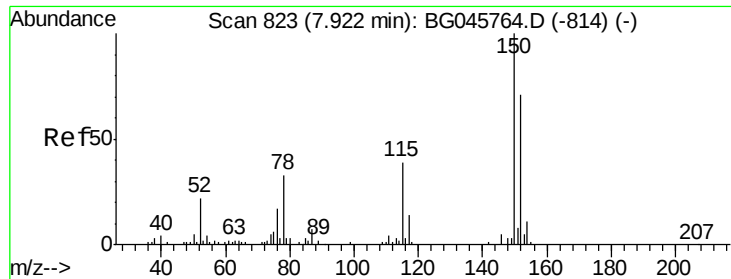
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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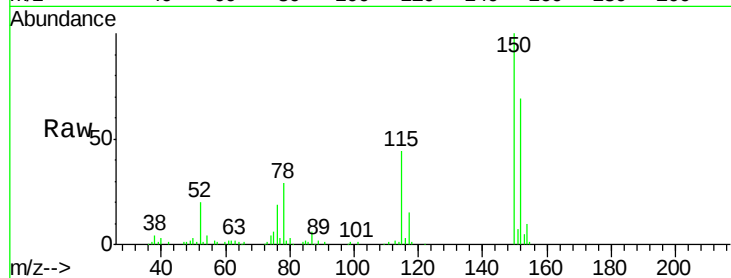


#1

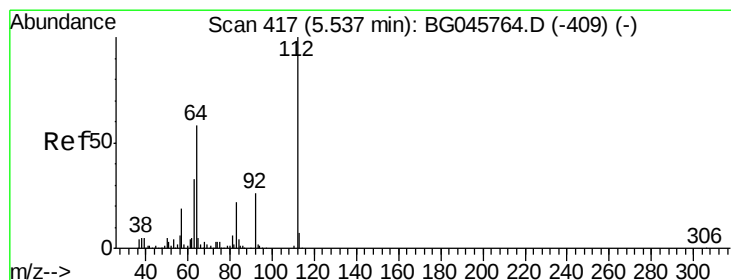
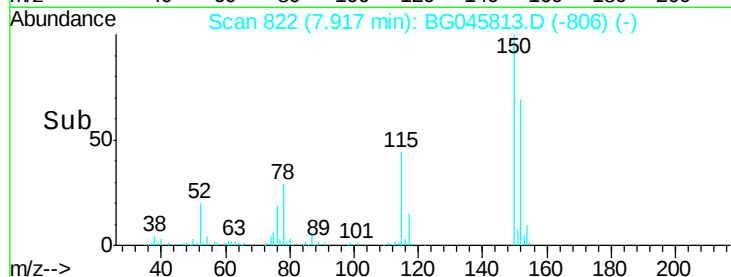
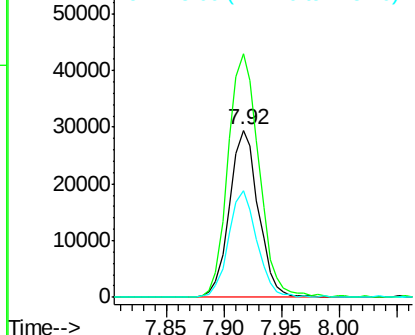
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Instrument :
BNA_G
ClientSampleId :
LF017MW005-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	113.1	169.7
115	63.5	43.8	65.6



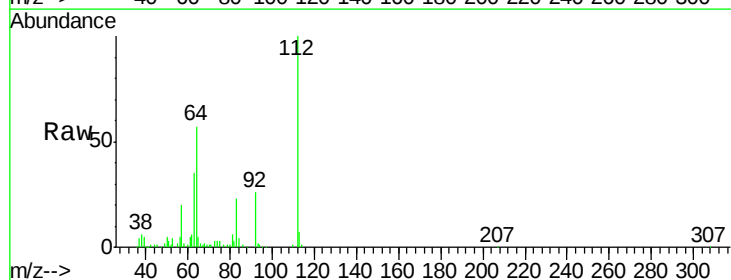
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



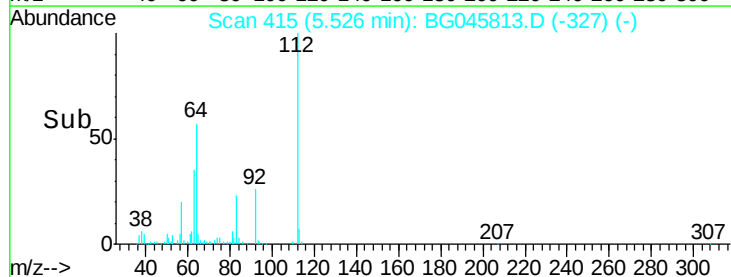
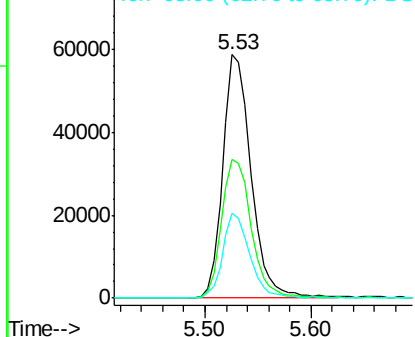
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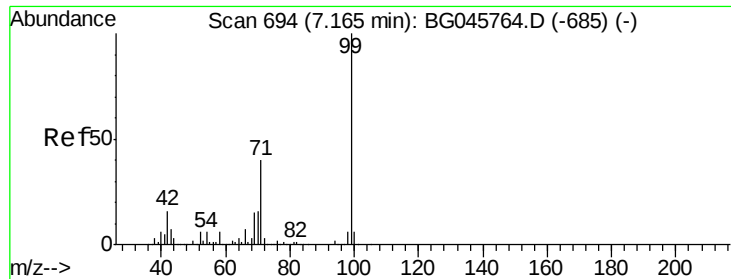
2-Fluorophenol
Concen: 36.005 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	34.7	26.3	39.5



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: 23.027 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045813.D

Acq: 19 Jun 2020 13:25

Instrument :

BNA_G

ClientSampleId :

LF017MW005-200616

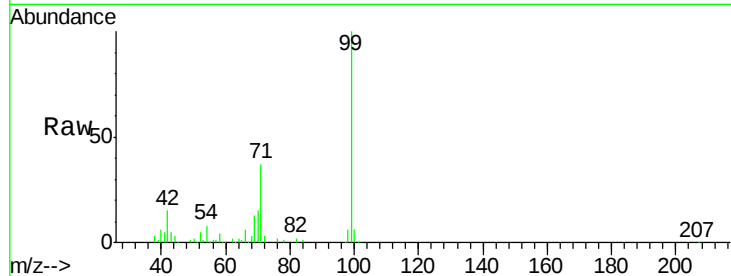
Tot Ion: 99 Resp: 106296

Ion Ratio Lower Upper

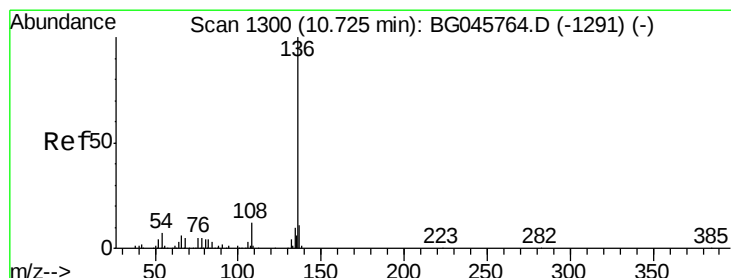
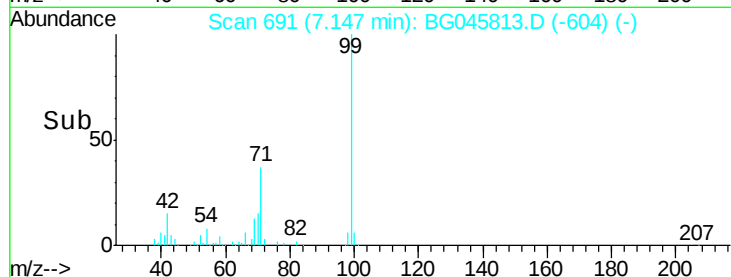
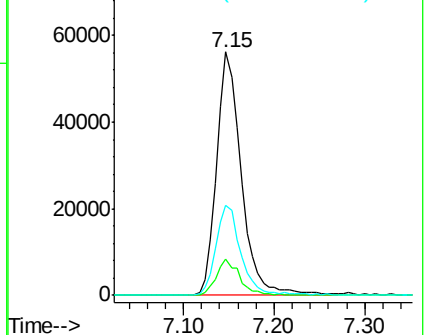
99 100

42 15.0 12.4 18.6

71 37.1 32.1 48.1



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: 10.72 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045813.D

Acq: 19 Jun 2020 13:25

Tgt Ion: 136 Resp: 198815

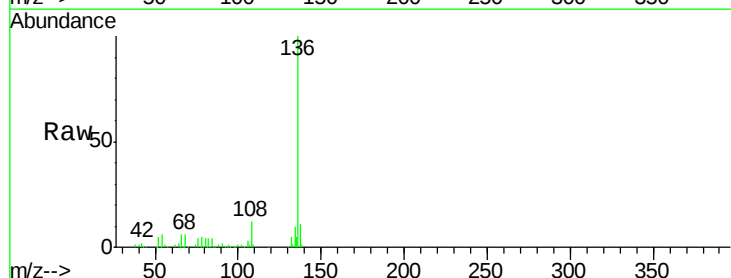
Ion Ratio Lower Upper

136 100

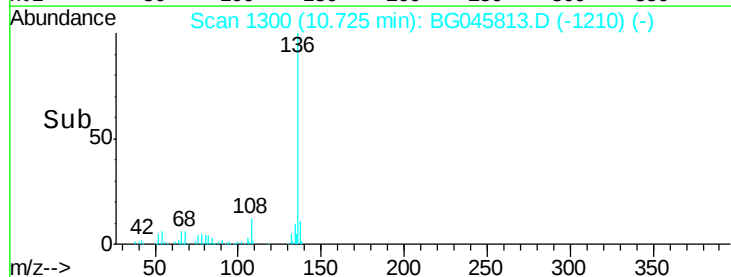
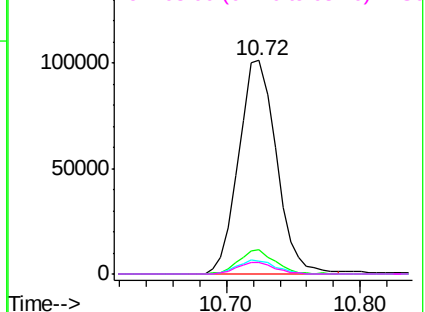
137 11.3 8.7 13.1

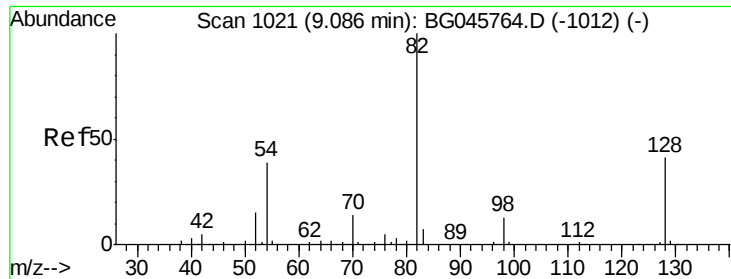
54 6.3 5.8 8.6

68 5.6 4.0 6.0



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

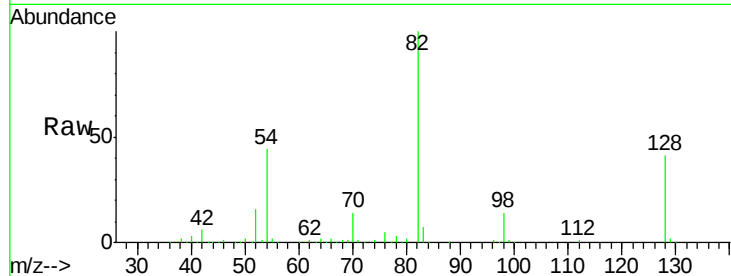




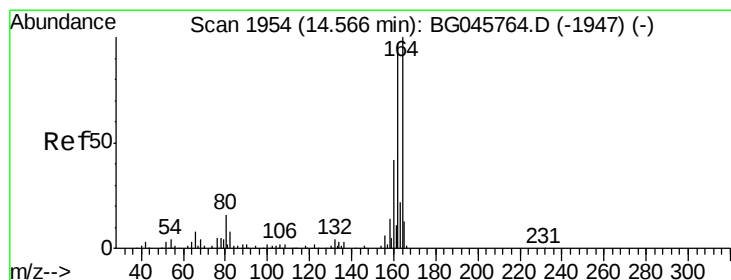
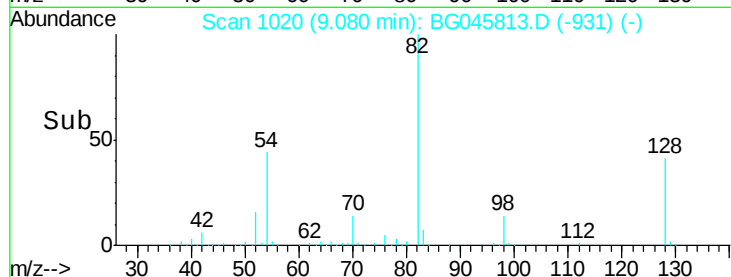
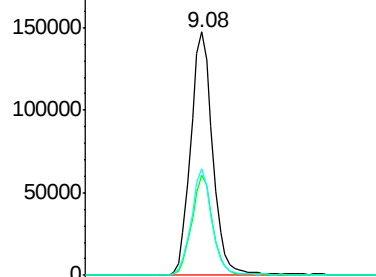
#23
Nitrobenzene-d5
Concen: 65.603 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Instrument :
BNA_G
ClientSampleId :
LF017MW005-200616

Tot Ion	82	Resp	285506
Ion Ratio	100	Lower	Upper
128	41.4	32.5	48.7
54	43.6	31.2	46.8

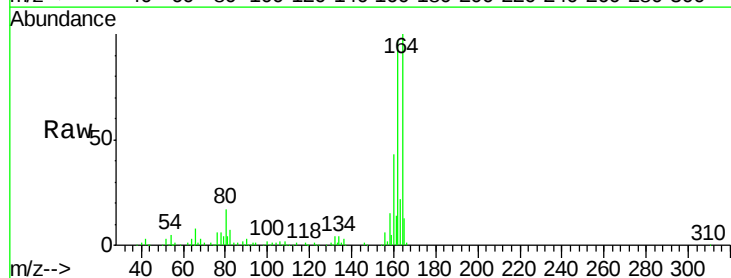


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

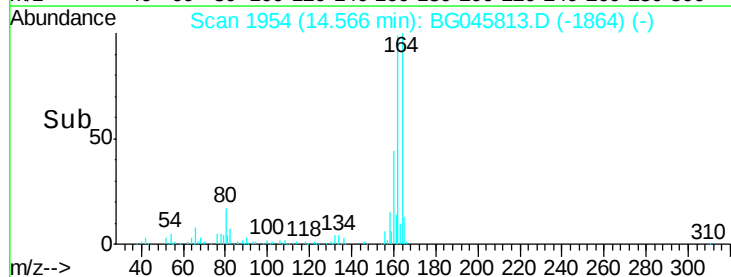
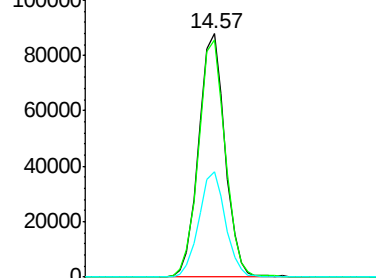


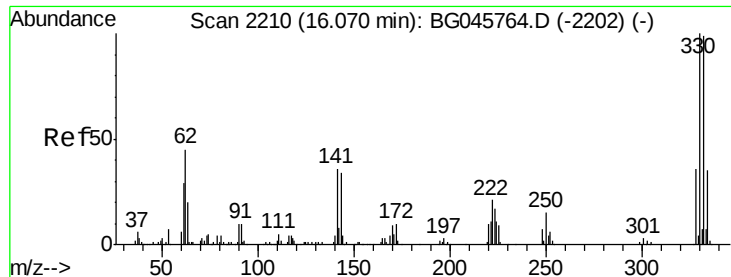
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Tgt Ion	164	Resp	139018
Ion Ratio	100	Lower	Upper
162	97.3	77.4	116.0
160	43.1	33.3	49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

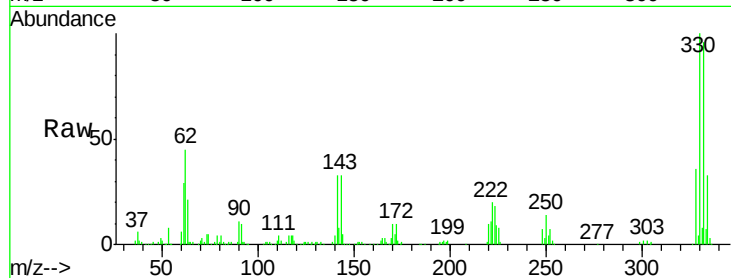




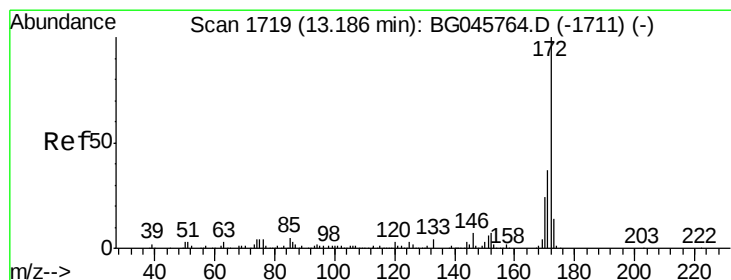
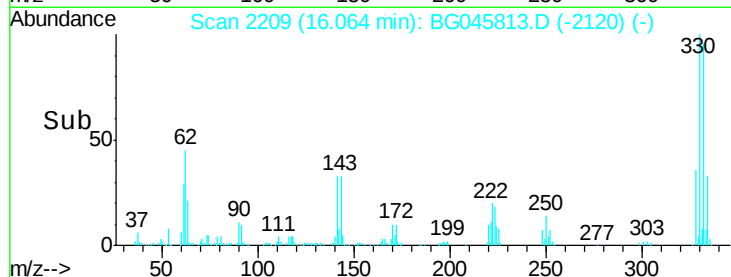
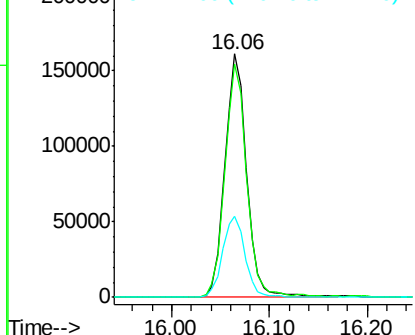
#42
 2,4,6-Tribromophenol
 Concen: 118.499 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045813.D
 Acq: 19 Jun 2020 13:25

Instrument :
 BNA_G
 ClientSampleId :
 LF017MW005-200616

Tot Ion:330 Resp: 248708
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 34.4 28.2 42.4

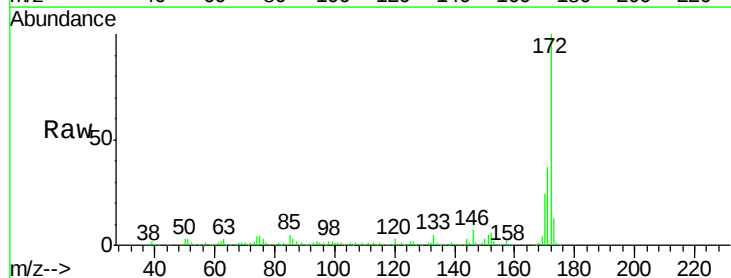


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

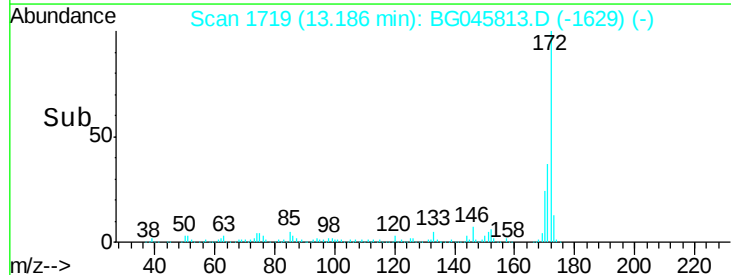
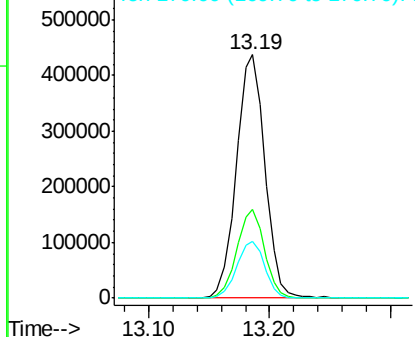


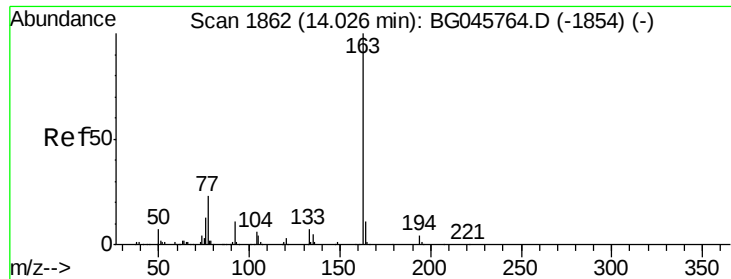
#45
 2-Fluorobiphenyl
 Concen: 76.202 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045813.D
 Acq: 19 Jun 2020 13:25

Tgt Ion:172 Resp: 720860
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 23.6 19.3 28.9



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

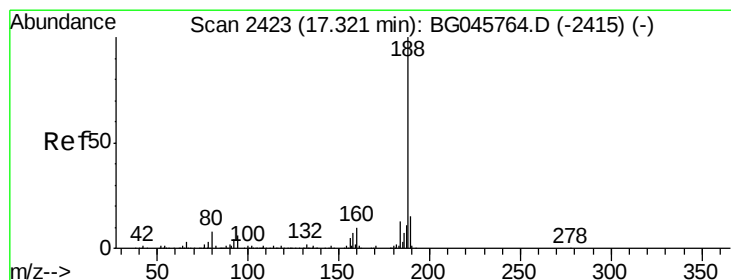
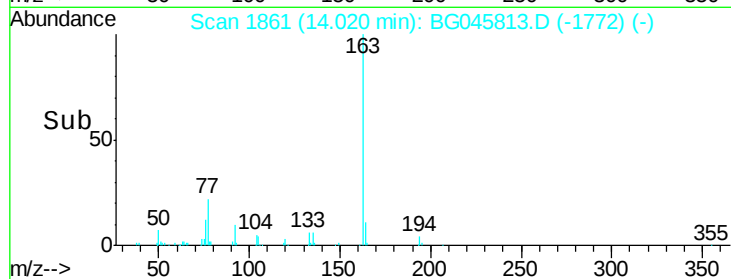
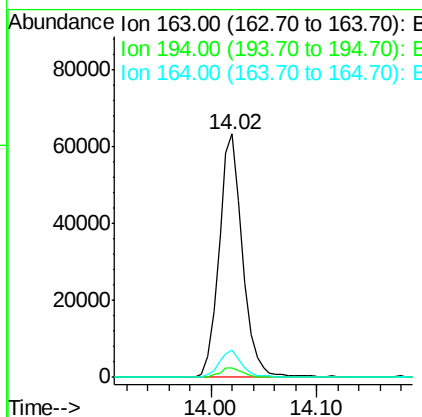
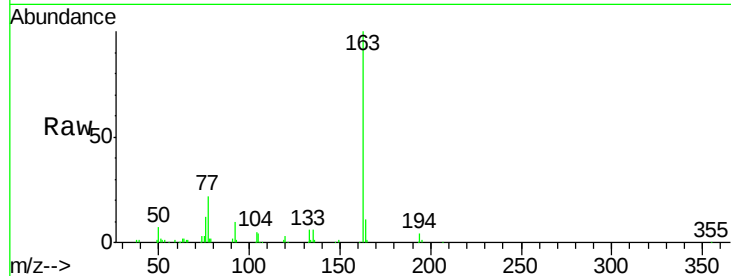




#50
Dimethylphthalate
Concen: 8.963 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

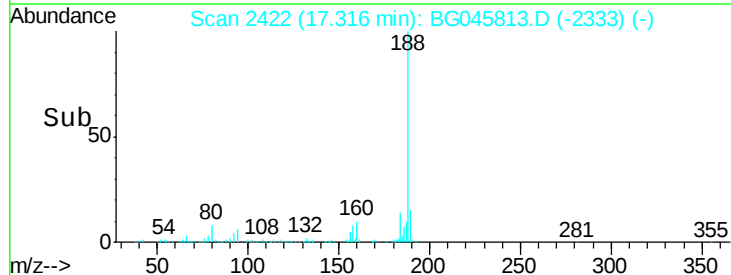
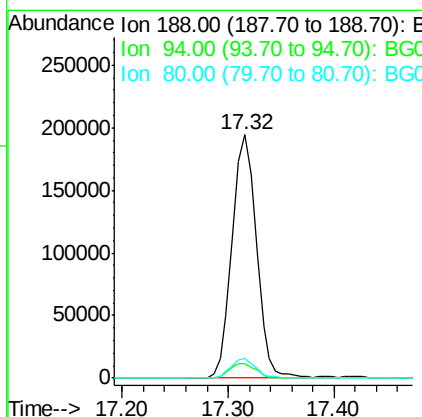
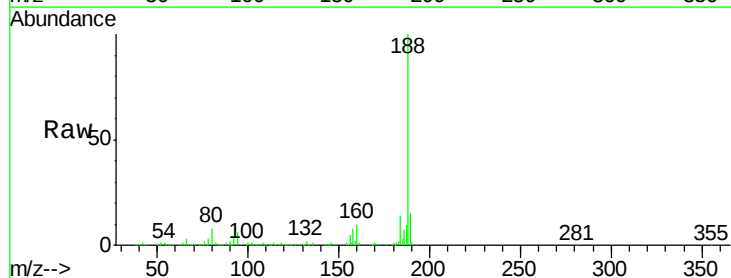
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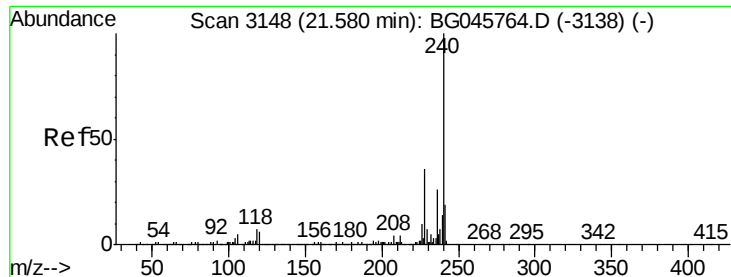
Tot Ion:163 Resp: 97613
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 11.5 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Tgt Ion:188 Resp: 312069
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 8.0 6.2 9.4

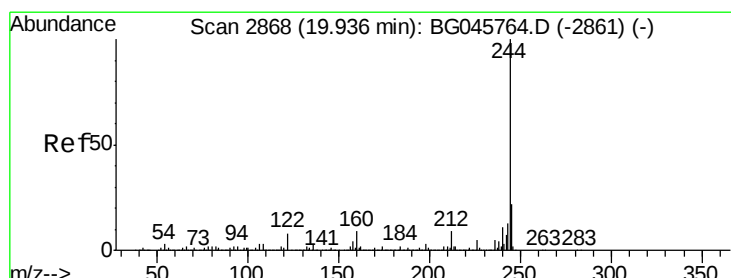
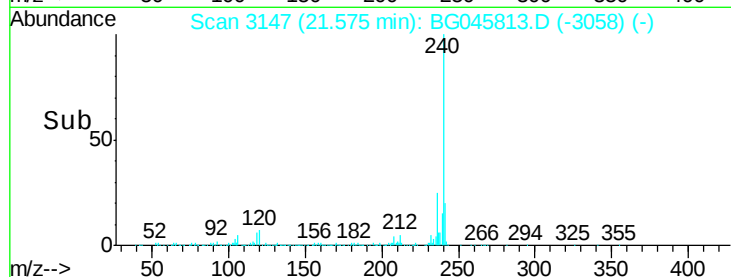
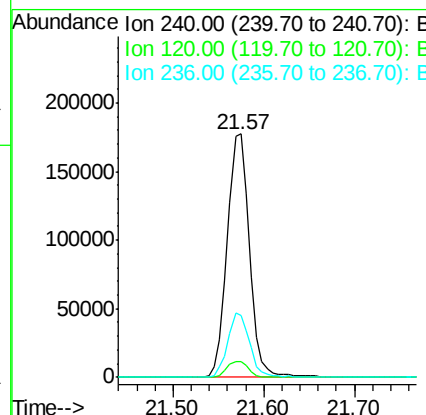
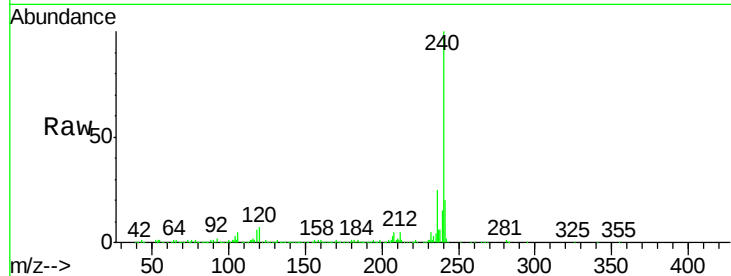




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG045813.D
 Acq: 19 Jun 2020 13:25

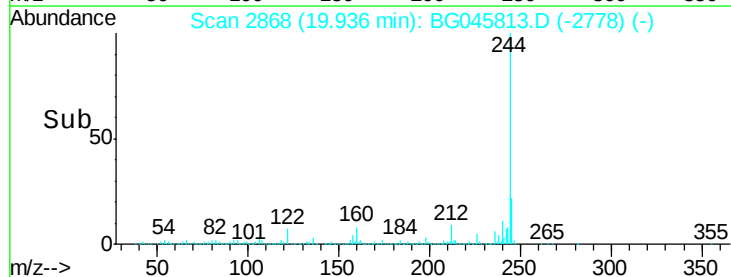
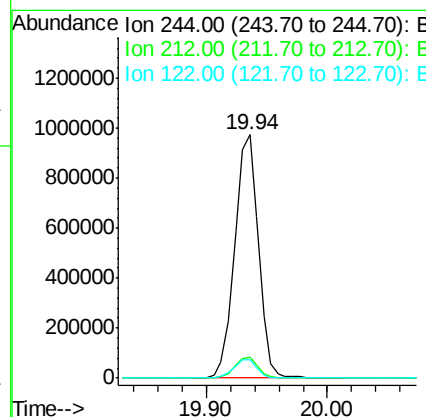
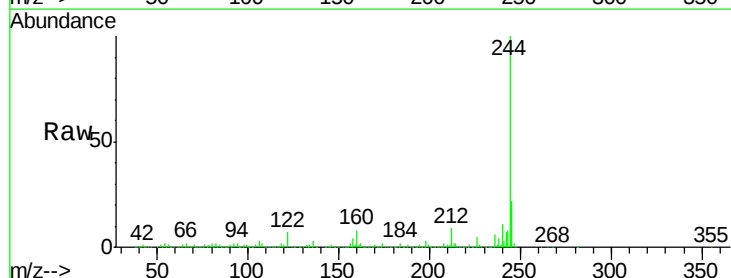
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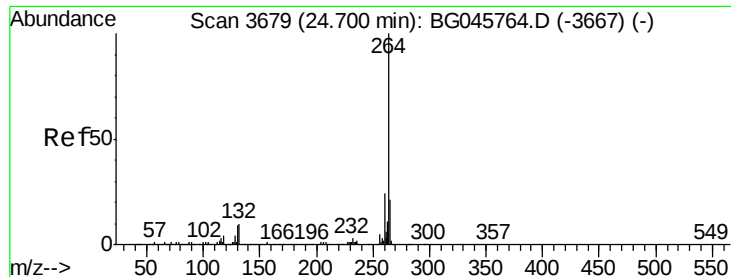
Tot Ion:240 Resp: 302827
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.0 7.4
 236 25.5 20.6 30.8



#79
 Terphenyl-d14
 Concen: 89.112 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BG045813.D
 Acq: 19 Jun 2020 13:25

Tgt Ion:244 Resp: 1331566
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.2 10.8
 122 7.5 6.4 9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG045813.D
Acq: 19 Jun 2020 13:25

Instrument :
BNA_G
ClientSampleId :
LF017MW005-200616

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.4	17.4	26.0

