

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045888.D
 Acq On : 30 Jun 2020 17:25
 Operator : CG/JU
 Sample : L3153-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-C

Quant Time: Jun 30 18:29:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

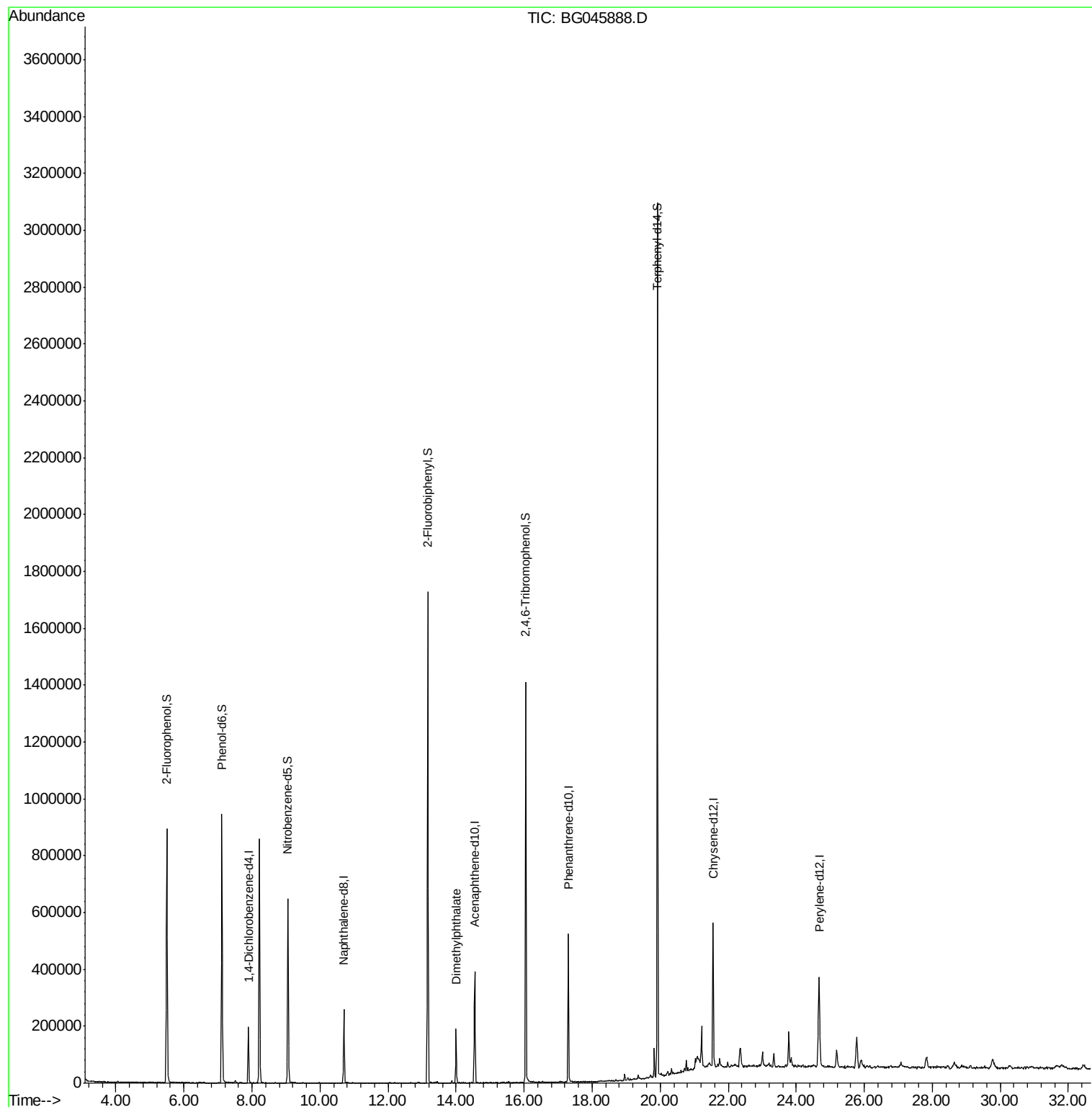
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60349	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	221658	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	150840	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	329455	20.00	ng	0.00
76) Chrysene-d12	21.56	240	314830	20.00	ng	0.00
86) Perylene-d12	24.67	264	325897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	433604	121.37	ng	0.00
7) Phenol-d6	7.12	99	625128	115.04	ng	0.00
23) Nitrobenzene-d5	9.06	82	442935	91.29	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	285867	125.53	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	948510	92.41	ng	0.00
79) Terphenyl-d14	19.92	244	1479050	95.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	131580	11.135	ng	Qvalue 98

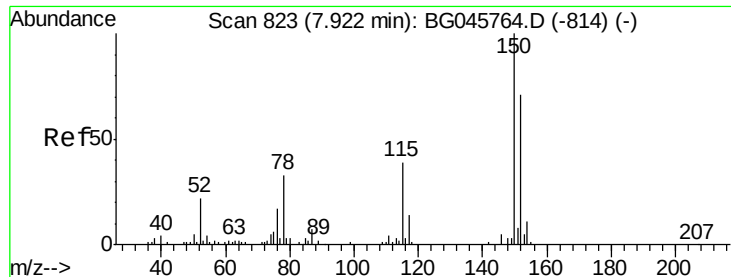
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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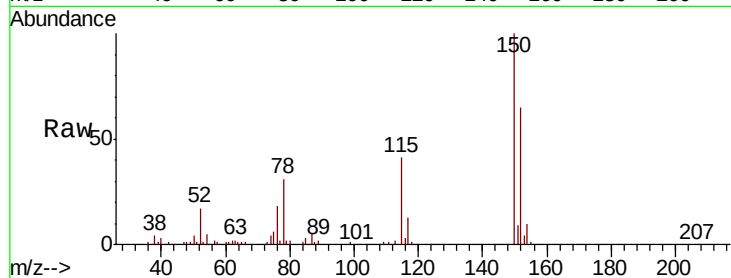


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BG045888.D
Acq: 30 Jun 2020 17:25

Instrument :
BNA_G
ClientSampleId :
SP1-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.2	181.8
115	62.9	47.5	71.3

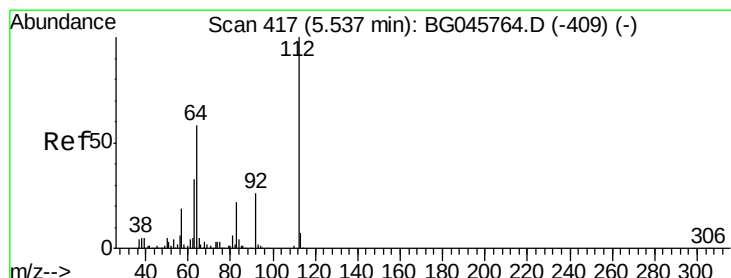
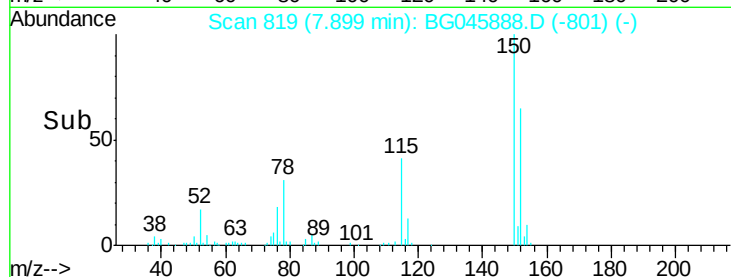
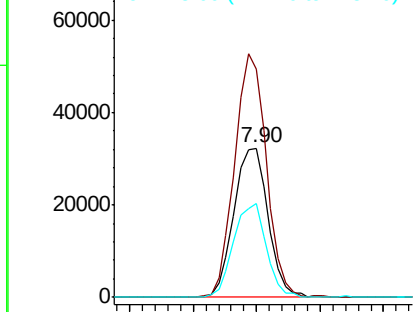


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

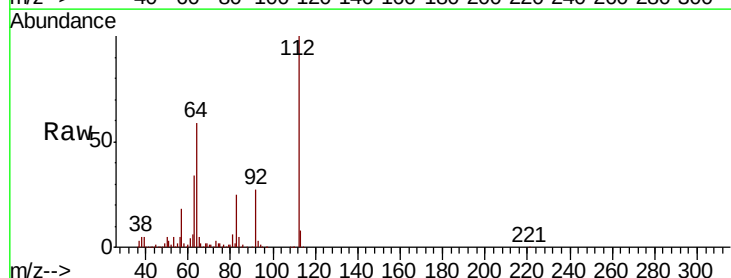
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.371 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.01 min
Lab File: BG045888.D
Acq: 30 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.5	72.7
63	33.8	26.5	39.7

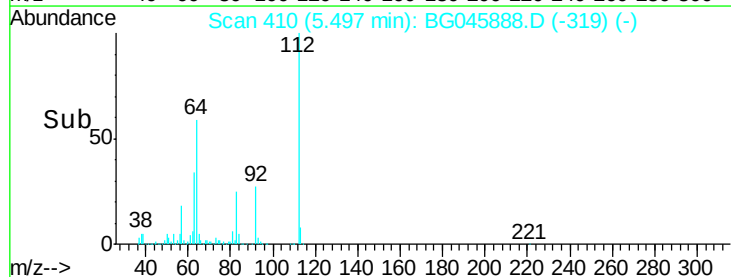
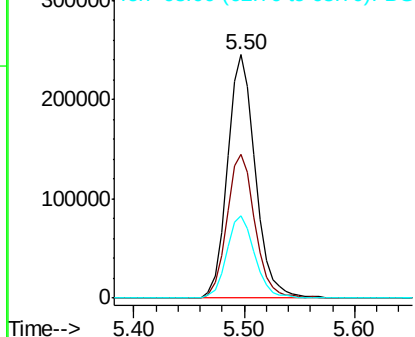


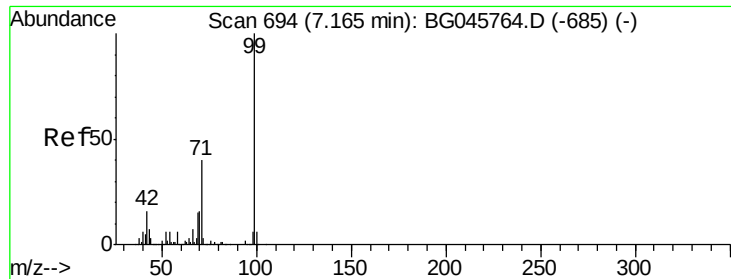
Abundance

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: 115.036 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.01 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

Instrument :

BNA_G

ClientSampleId :

SP1-C

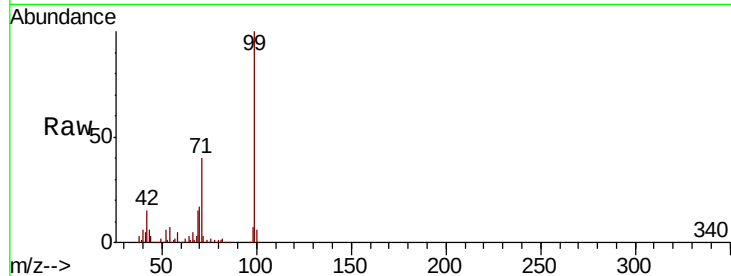
Tot Ion: 99 Resp: 625128

Ion Ratio Lower Upper

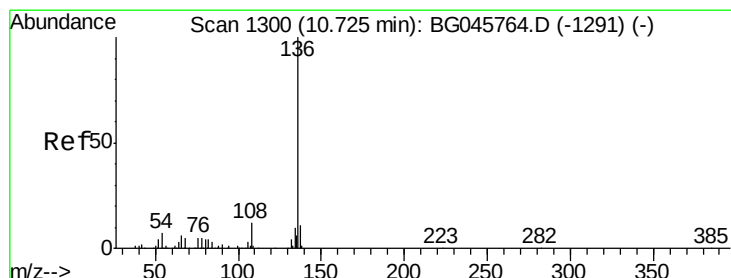
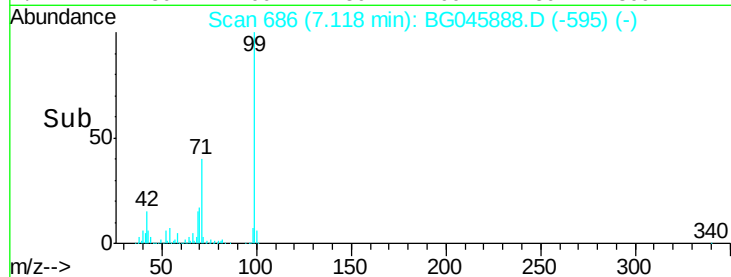
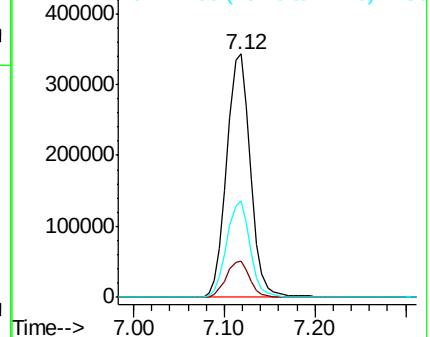
99 100

42 14.8 12.0 18.0

71 39.8 31.0 46.4



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: 10.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

Tgt Ion: 136 Resp: 221658

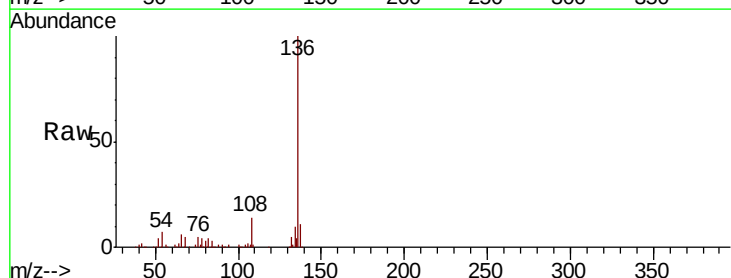
Ion Ratio Lower Upper

136 100

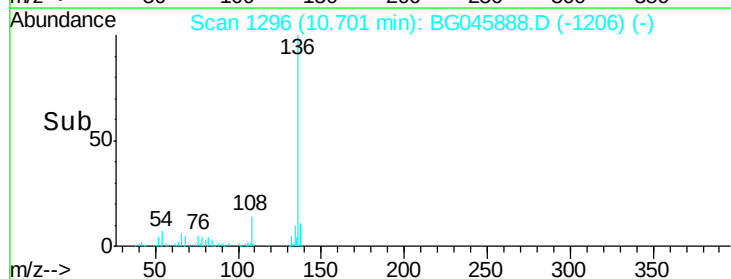
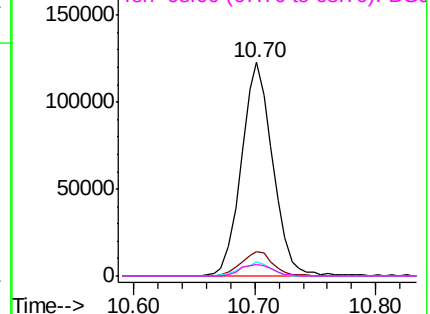
137 11.5 9.4 14.0

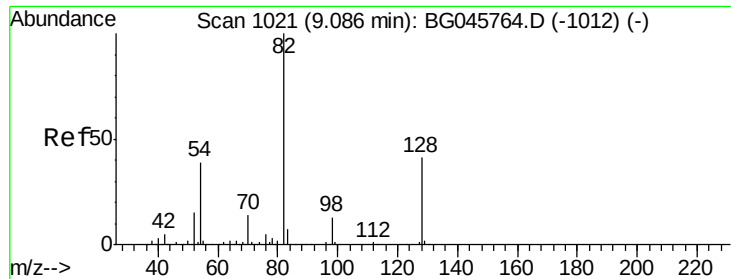
54 6.6 4.9 7.3

68 5.2 3.9 5.9



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

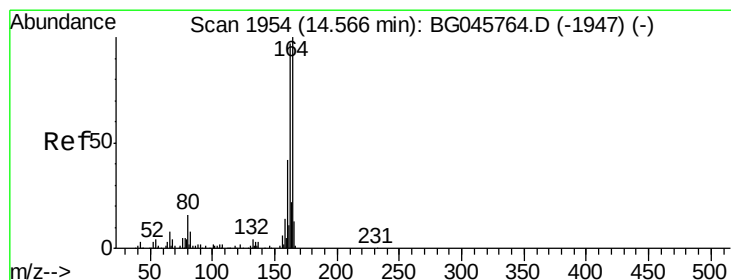
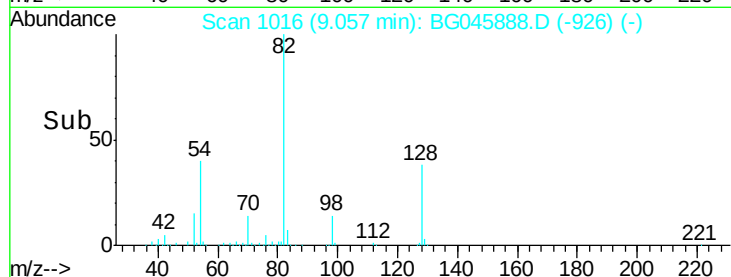
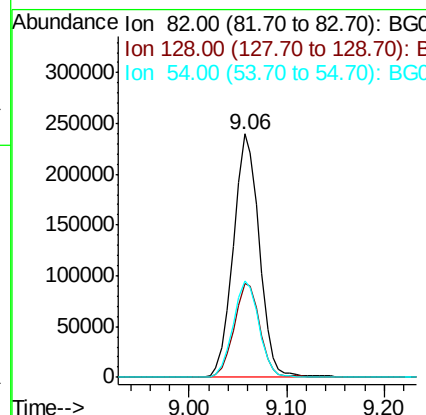
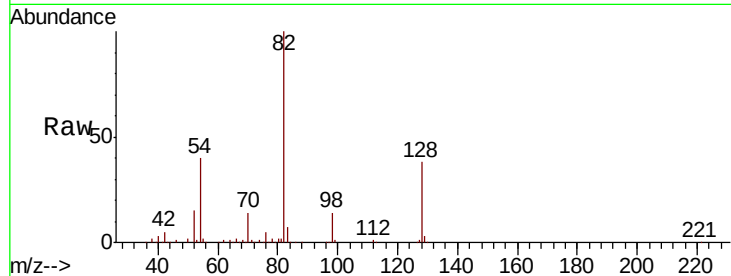




#23
 Nitrobenzene-d5
 Concen: 91.288 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG045888.D
 Acq: 30 Jun 2020 17:25

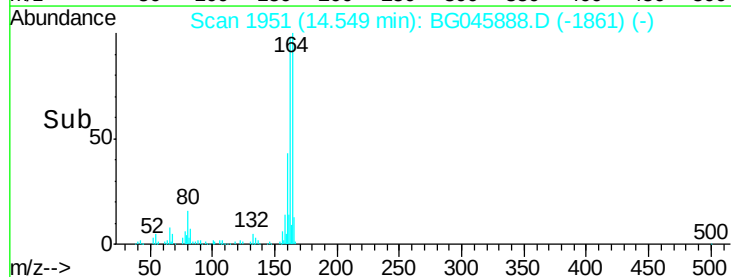
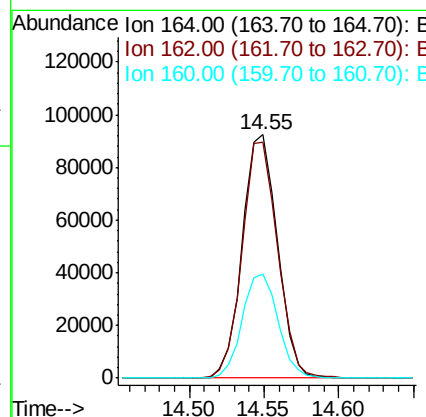
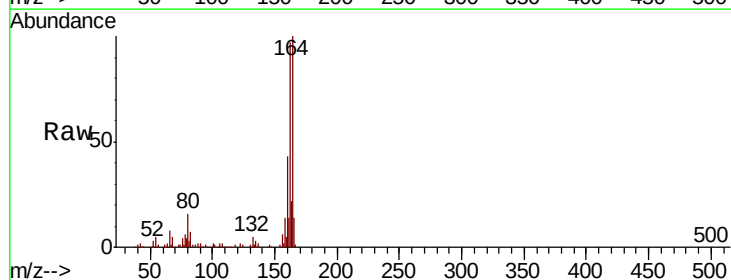
Instrument :
 BNA_G
 ClientSampleId :
 SP1-C

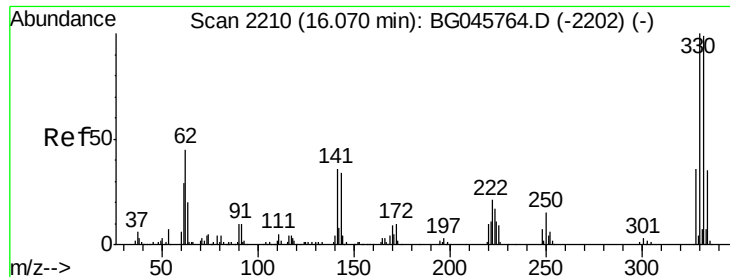
Tot Ion	82	Resp	442935
Ion Ratio	100		
Lower		31.3	
Upper		46.9	
128	38.4		
54	39.7		
		32.6	49.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG045888.D
 Acq: 30 Jun 2020 17:25

Tgt Ion	164	Resp	150840
Ion Ratio	100		
Lower		80.6	
Upper		120.8	
162	96.8		
160	42.6		
		35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 125.529 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

Instrument :

BNA_G

ClientSampled :

SP1-C

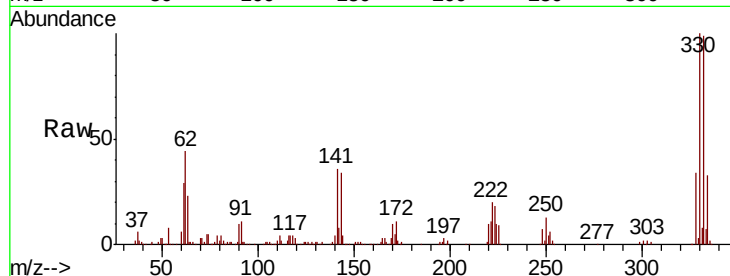
Tot Ion:330 Resp: 285867

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

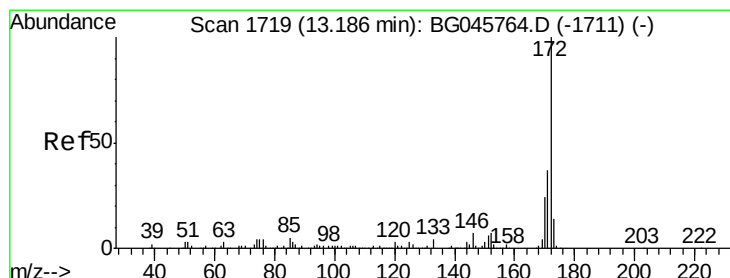
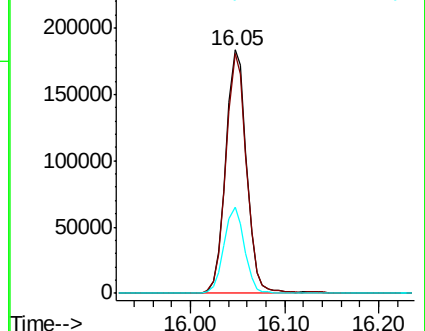
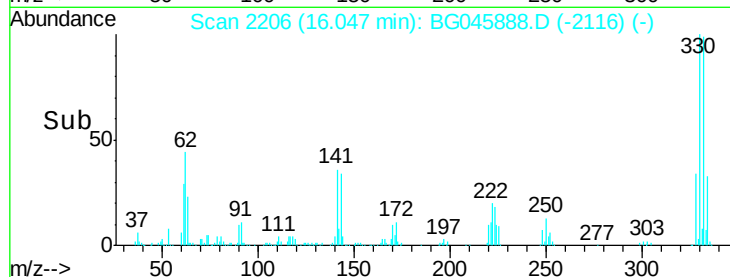
141 34.9 27.7 41.5



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: 92.409 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

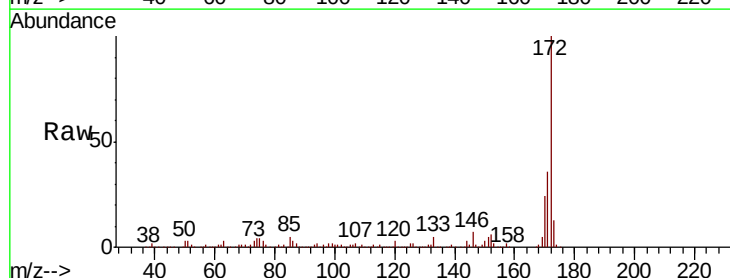
Tgt Ion:172 Resp: 948510

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

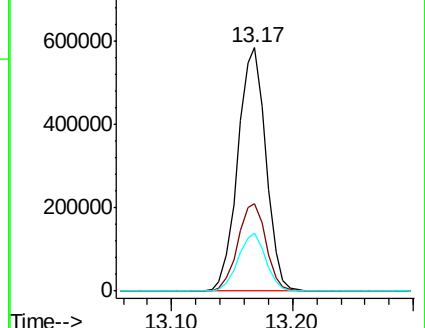
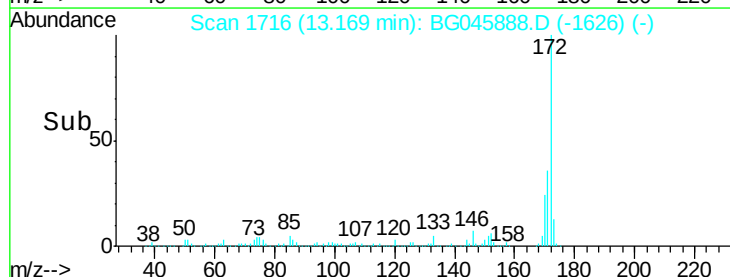
170 23.9 19.1 28.7

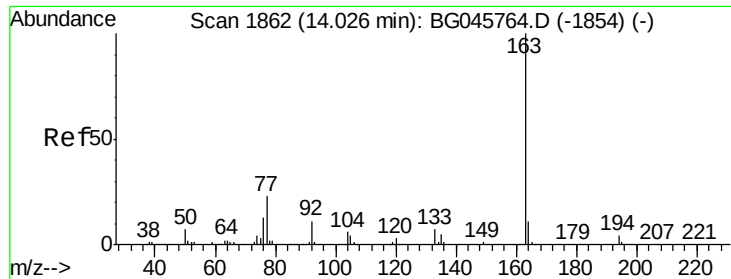


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.135 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

Instrument :

BNA_G

ClientSampleId :

SP1-C

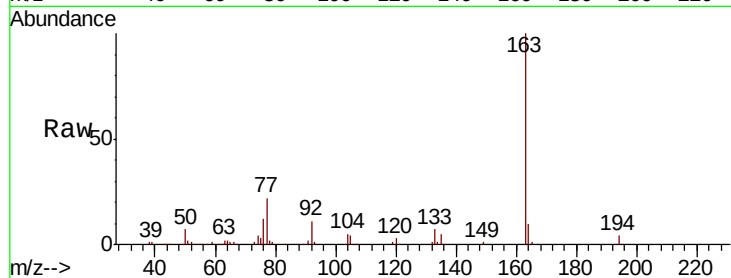
Tot Ion:163 Resp: 131580

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

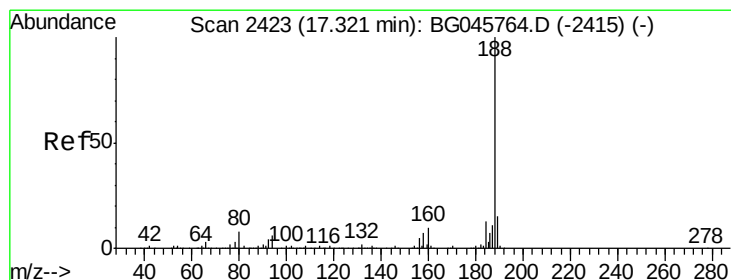
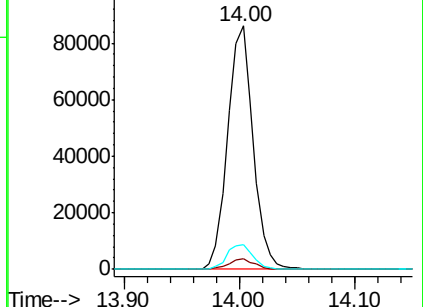
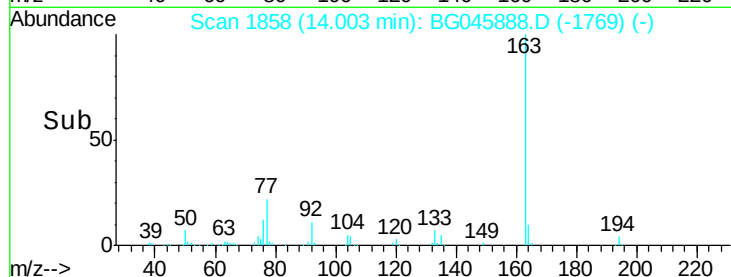
164 10.0 8.8 13.2



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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG045888.D

Acq: 30 Jun 2020 17:25

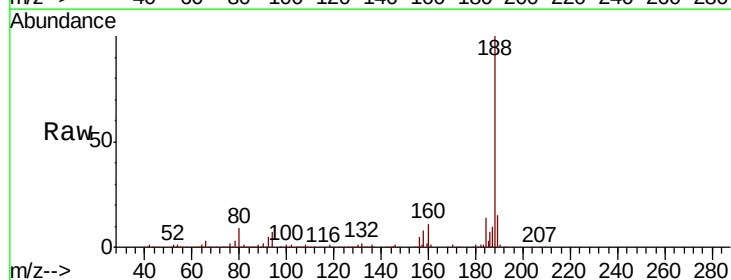
Tgt Ion:188 Resp: 329455

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

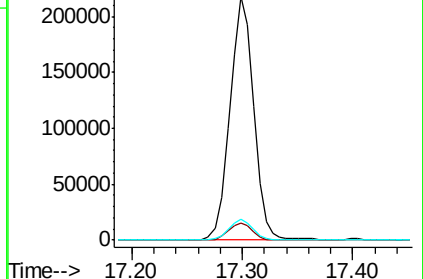
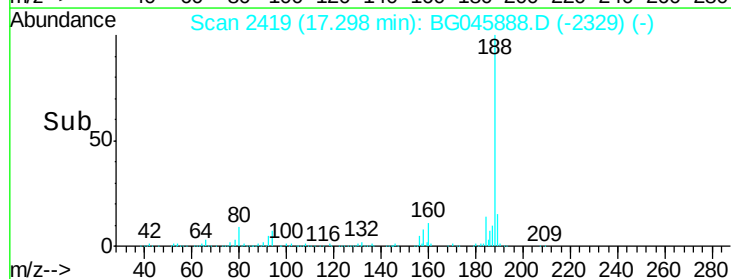
80 8.8 6.6 10.0

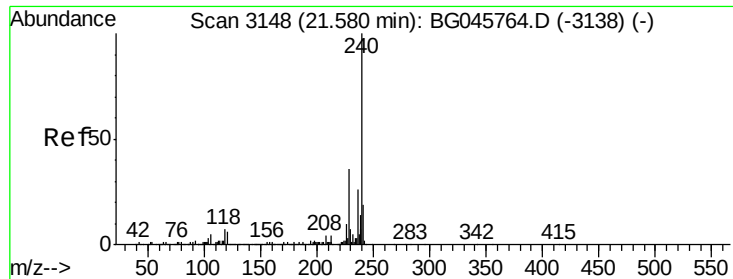


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

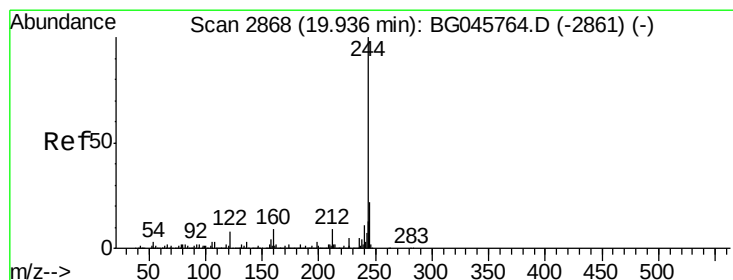
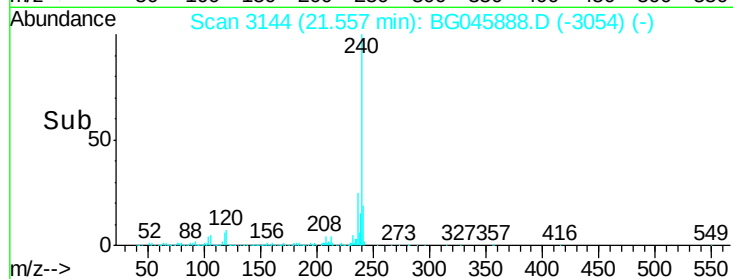
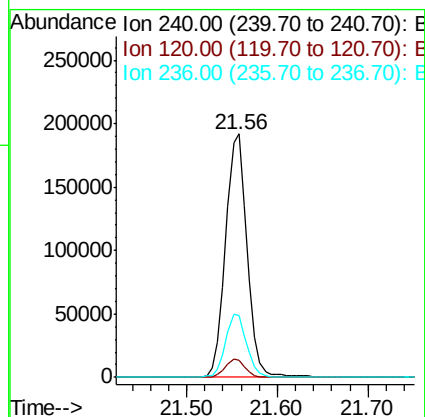
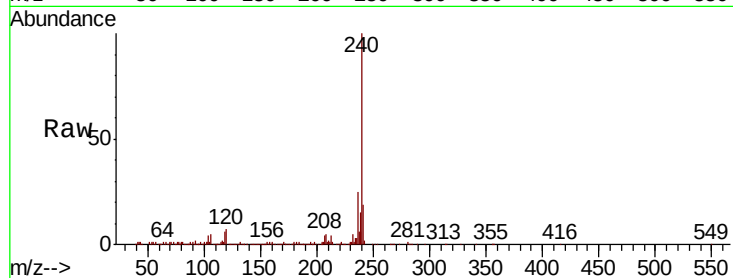




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045888.D
Acq: 30 Jun 2020 17:25

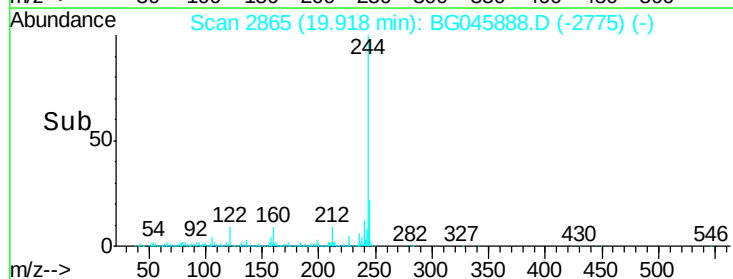
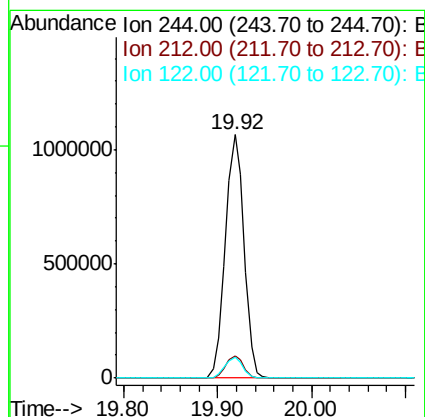
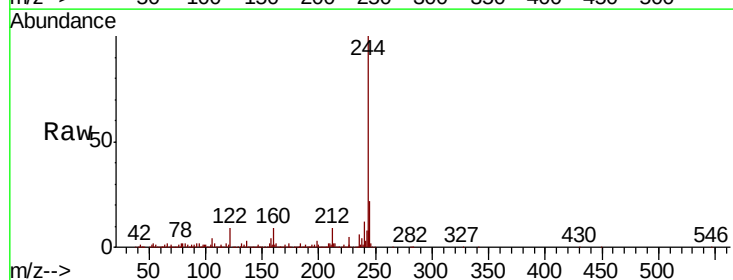
Instrument :
BNA_G
ClientSampleId :
SP1-C

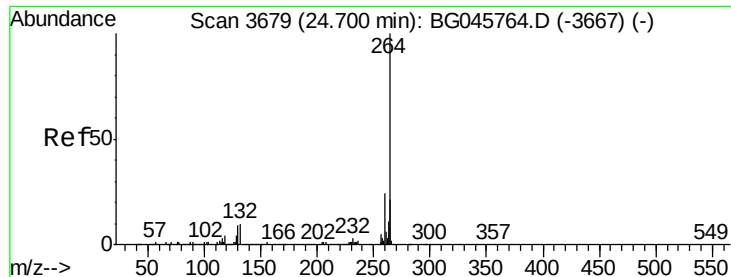
Tot Ion:240 Resp: 314830
Ion Ratio Lower Upper
240 100
120 7.0 5.6 8.4
236 25.3 21.3 31.9



#79
Terphenyl-d14
Concen: 95.208 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BG045888.D
Acq: 30 Jun 2020 17:25

Tgt Ion:244 Resp: 1479050
Ion Ratio Lower Upper
244 100
212 9.1 7.2 10.8
122 8.7 6.9 10.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: BG045888.D
 Acq: 30 Jun 2020 17:25

Instrument :
 BNA_G
 ClientSampleId :
 SP1-C

Tot Ion:	264	Resp:	325897
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.8	17.4	26.0

