

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045889.D
 Acq On : 30 Jun 2020 18:06
 Operator : CG/JU
 Sample : L3153-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-A

Quant Time: Jul 01 00:42:58 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

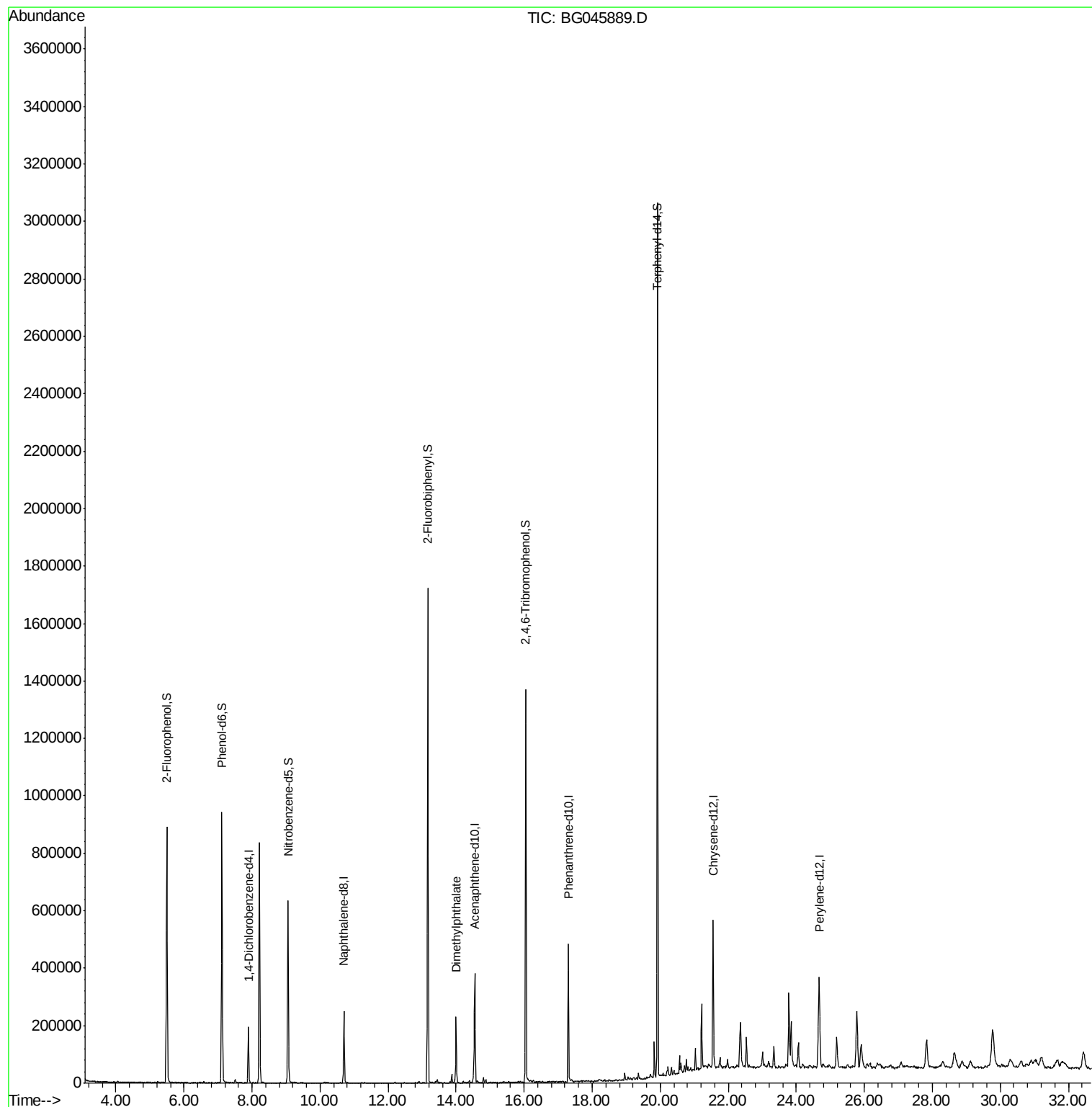
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	56565	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	217358	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	143384	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	317069	20.00	ng	0.00
76) Chrysene-d12	21.56	240	311259	20.00	ng	0.00
86) Perylene-d12	24.67	264	317364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	427659	127.71	ng	0.00
7) Phenol-d6	7.12	99	625698	122.84	ng	0.00
23) Nitrobenzene-d5	9.06	82	430650	90.51	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	279770	129.24	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	922455	94.54	ng	0.00
79) Terphenyl-d14	19.92	244	1433004	93.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	156360	13.920	ng	Qvalue 97

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

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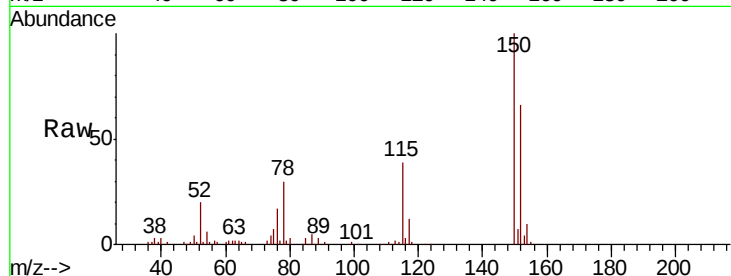


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045889.D
Acq: 30 Jun 2020 18:06

Instrument :
BNA_G
ClientSampleId :
SP2-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.2	181.8
115	58.9	47.5	71.3

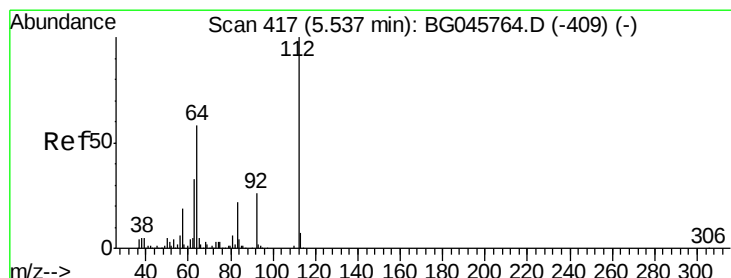
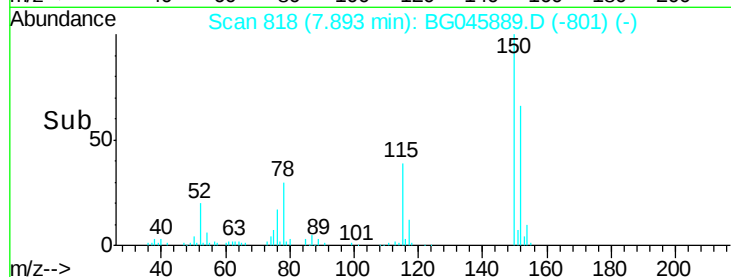
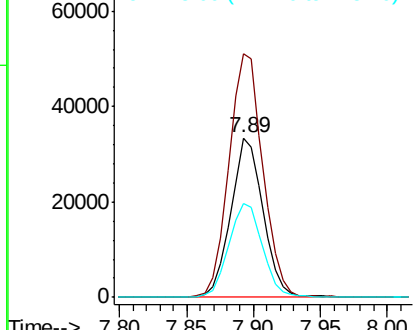


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

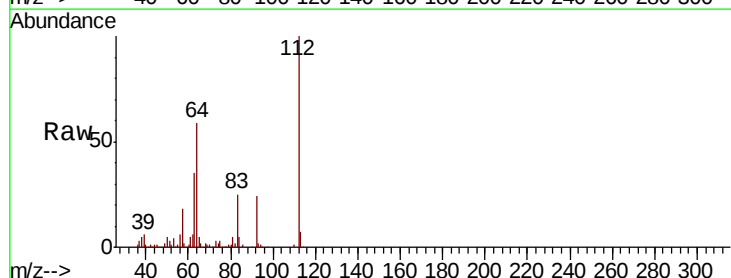
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.714 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG045889.D
Acq: 30 Jun 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.5	72.7
63	34.8	26.5	39.7

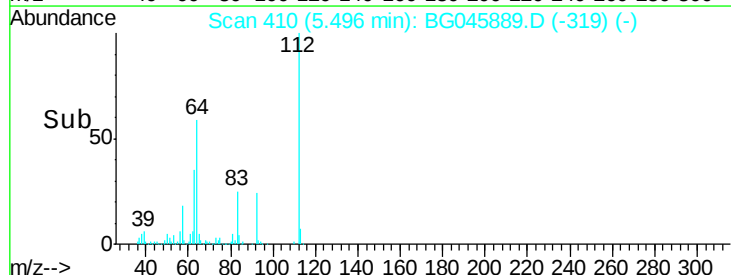
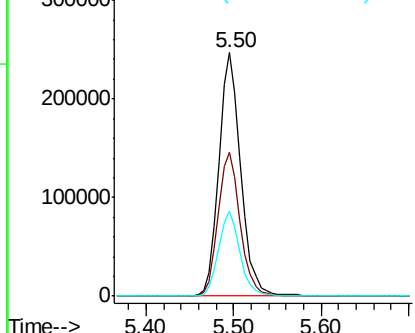


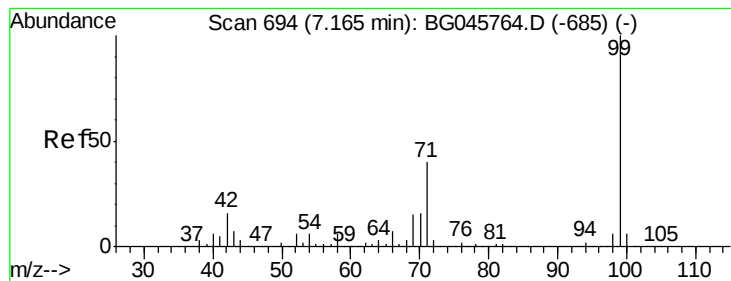
Abundance

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: 122.844 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SP2-A

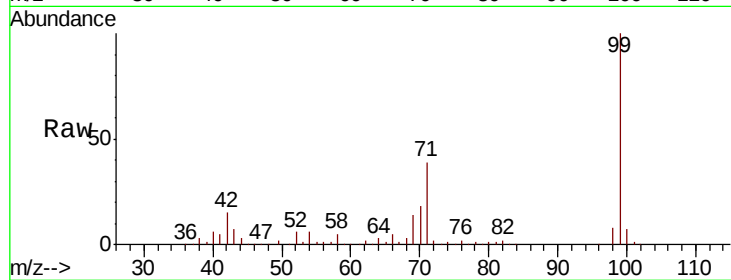
Tot Ion: 99 Resp: 625698

Ion Ratio Lower Upper

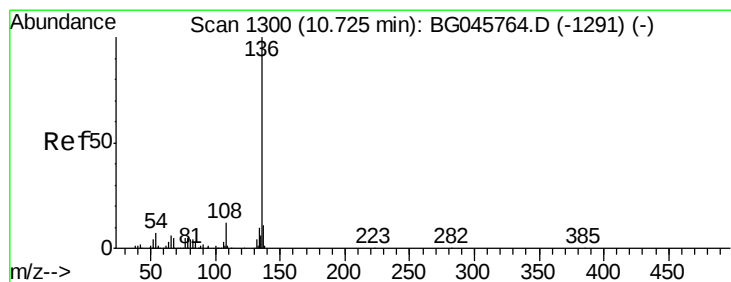
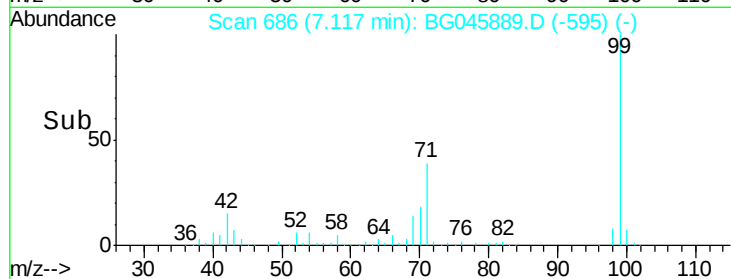
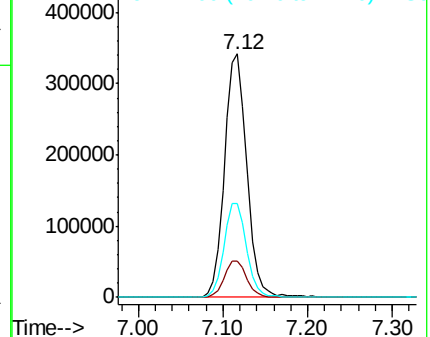
99 100

42 14.8 12.0 18.0

71 38.8 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: BG045889.D

Acq: 30 Jun 2020 18:06

Tgt Ion: 136 Resp: 217358

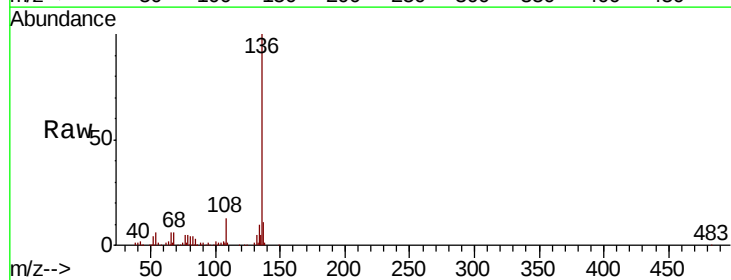
Ion Ratio Lower Upper

136 100

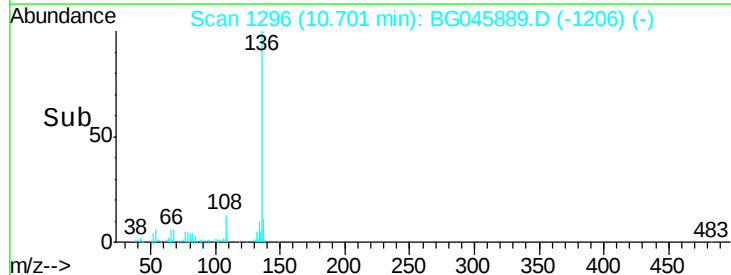
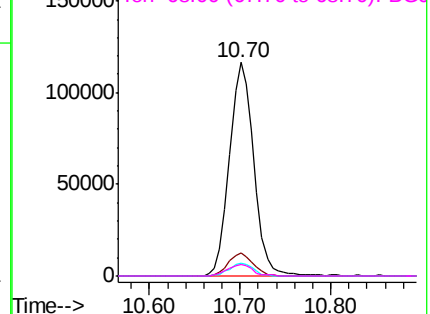
137 10.9 9.4 14.0

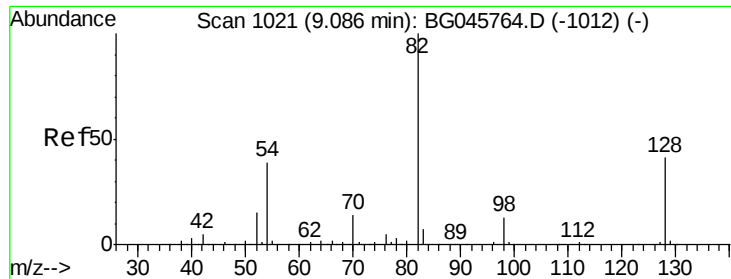
54 5.9 4.9 7.3

68 5.6 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

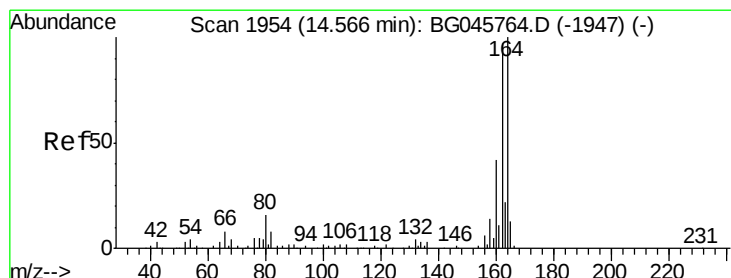
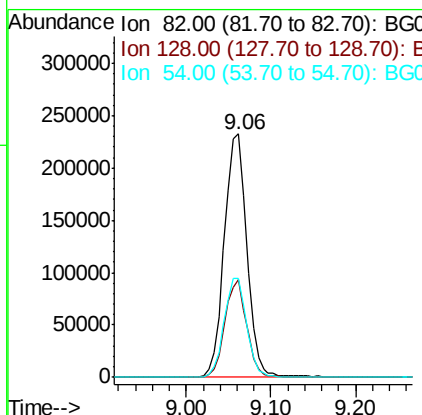
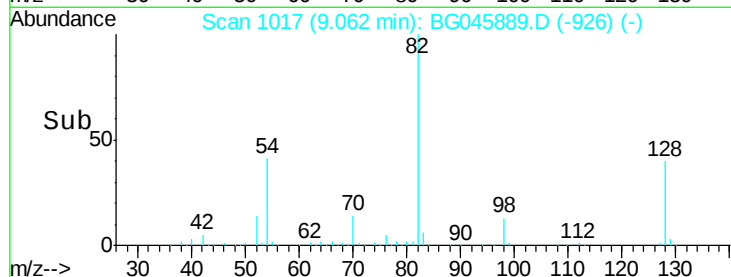
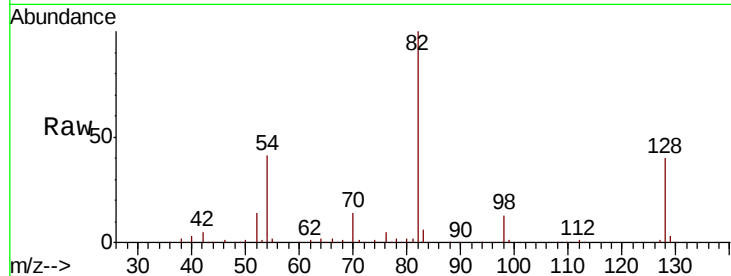




#23
Nitrobenzene-d5
Concen: 90.512 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG045889.D
Acq: 30 Jun 2020 18:06

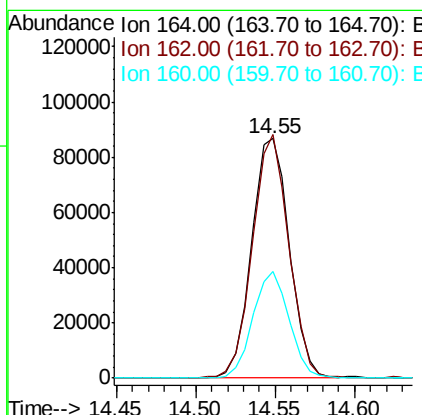
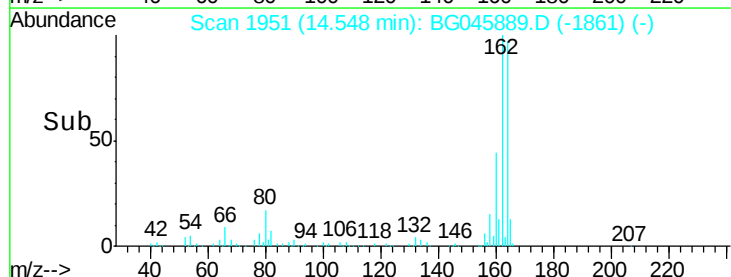
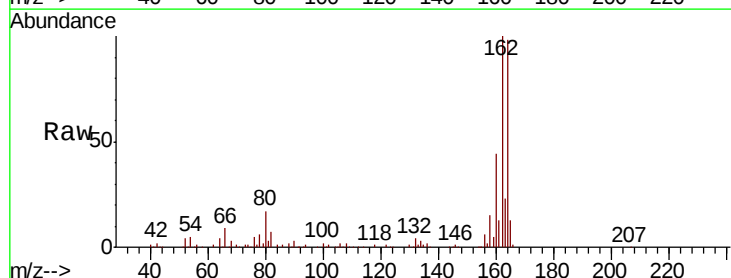
Instrument :
BNA_G
ClientSampleId :
SP2-A

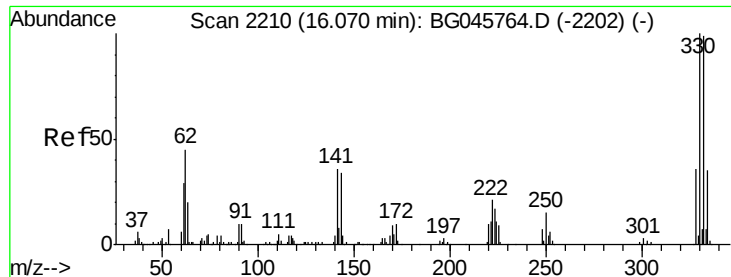
Tot Ion: 82 Resp: 430650
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 40.9 32.6 49.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045889.D
Acq: 30 Jun 2020 18:06

Tgt Ion: 164 Resp: 143384
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.5 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 129.240 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SP2-A

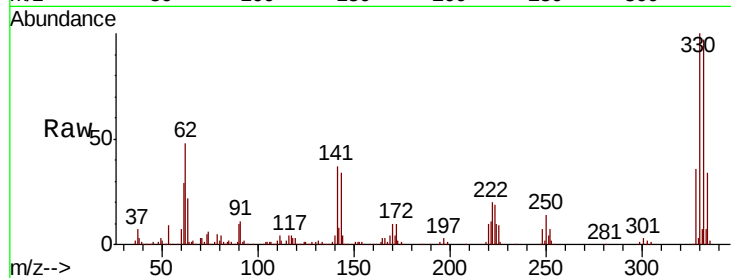
Tot Ion:330 Resp: 279770

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

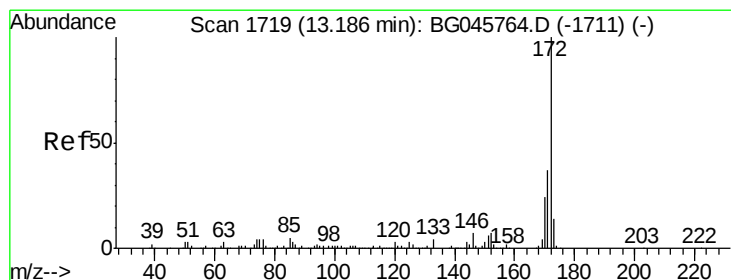
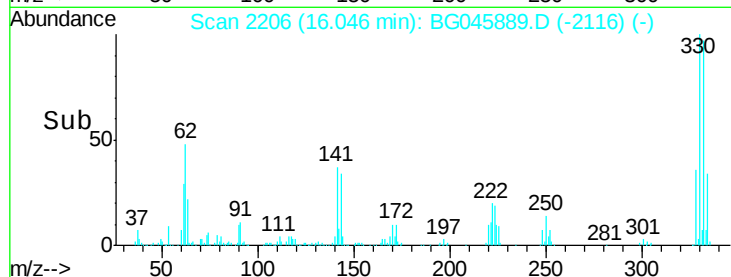
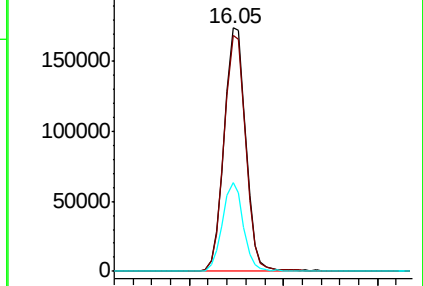
141 35.7 27.7 41.5



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: 94.543 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

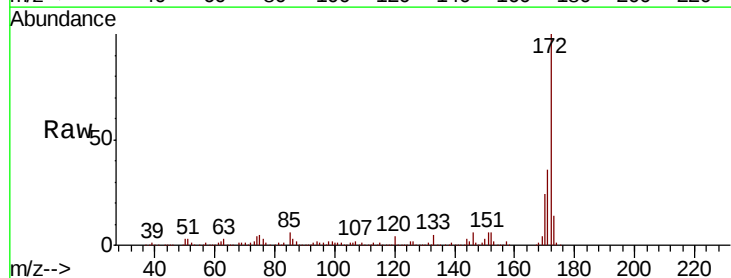
Tgt Ion:172 Resp: 922455

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

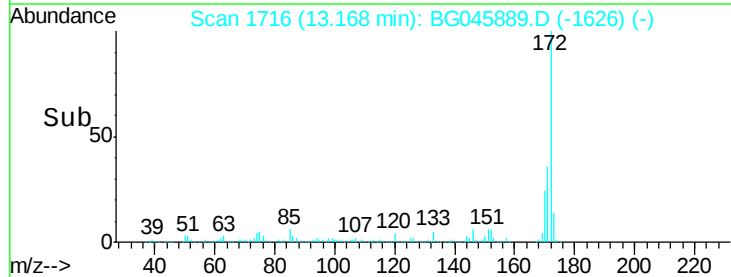
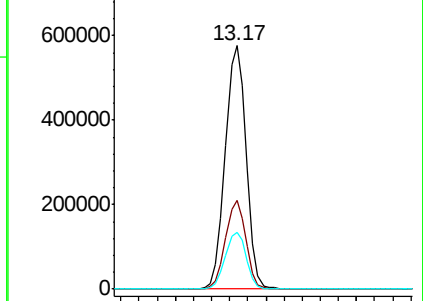
170 23.5 19.1 28.7

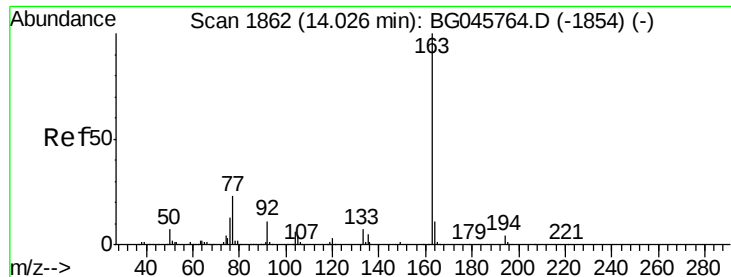


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.920 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

Instrument :

BNA_G

ClientSampled :

SP2-A

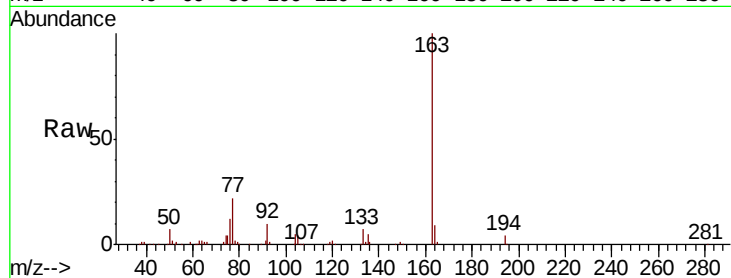
Tot Ion:163 Resp: 156360

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

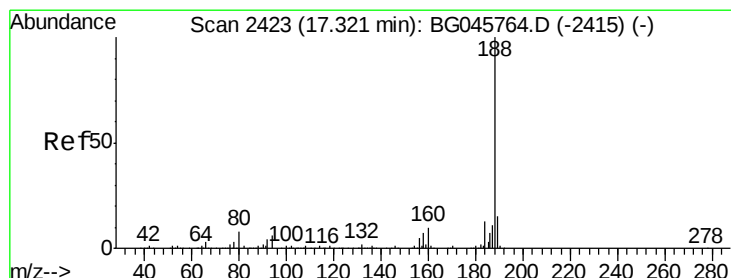
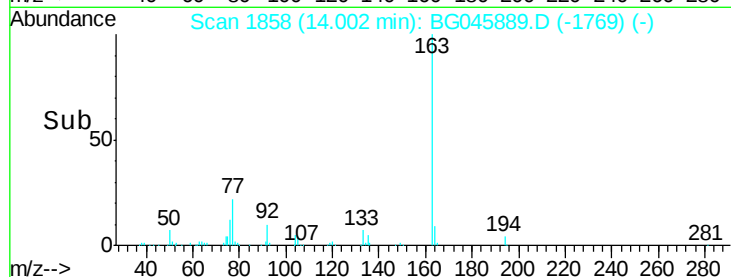
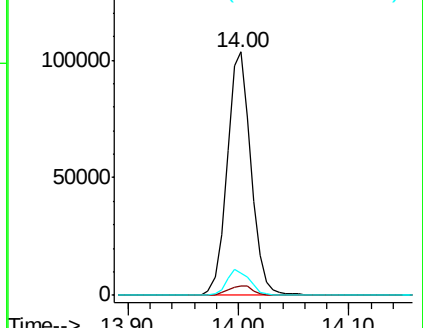
164 9.3 8.8 13.2



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: BG045889.D

Acq: 30 Jun 2020 18:06

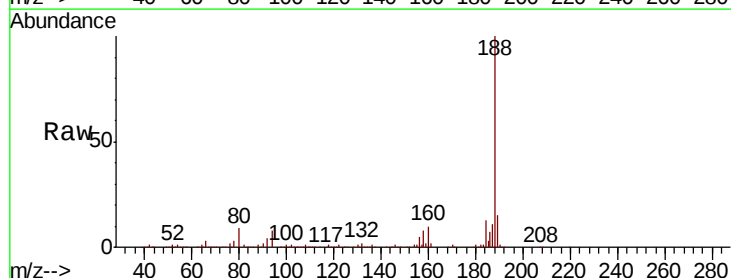
Tgt Ion:188 Resp: 317069

Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

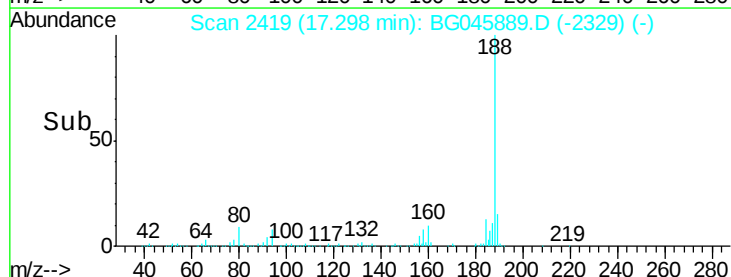
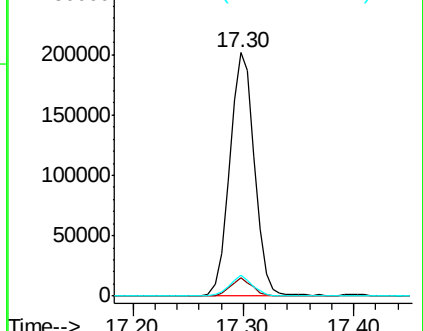
80 8.8 6.6 10.0

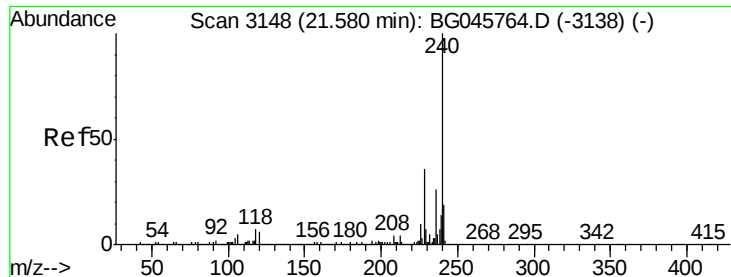


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

SP2-A

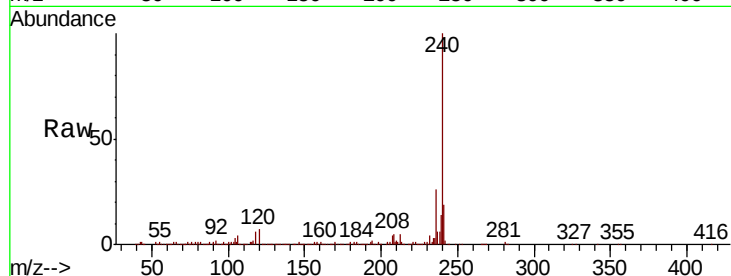
Tot Ion:240 Resp: 311259

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

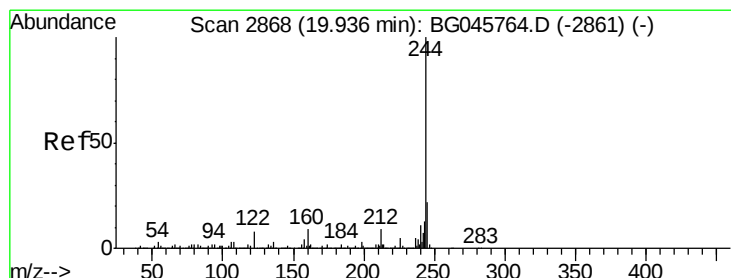
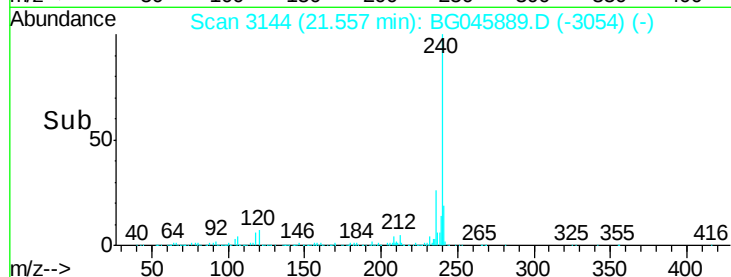
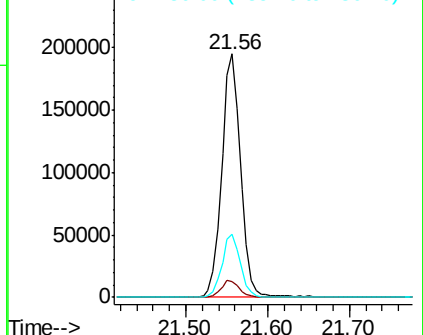
236 26.1 21.3 31.9



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: 93.302 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045889.D

Acq: 30 Jun 2020 18:06

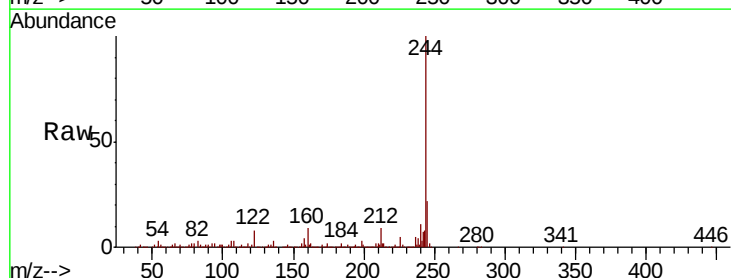
Tgt Ion:244 Resp: 1433004

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

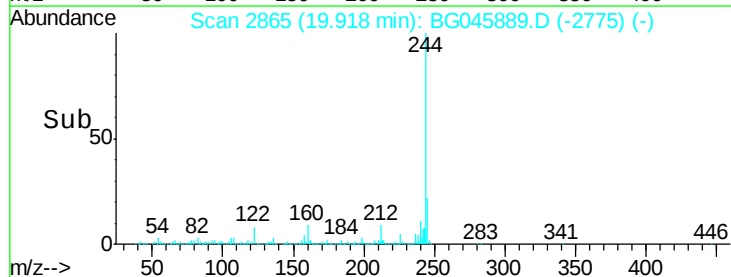
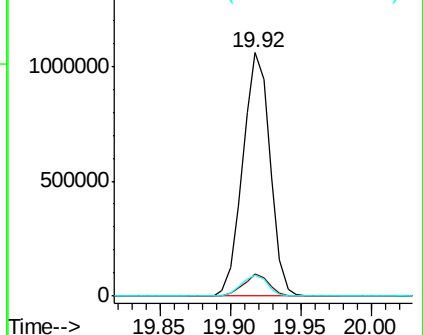
122 8.4 6.9 10.3

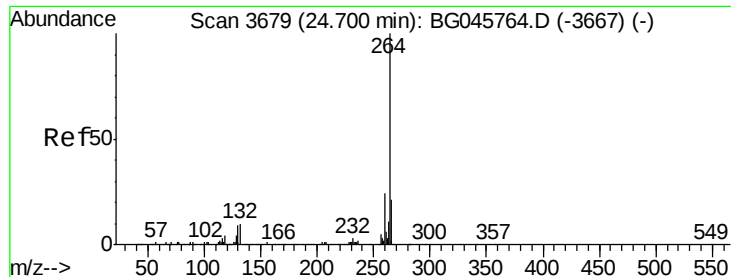


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: BG045889.D
 Acq: 30 Jun 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 SP2-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.4	17.4	26.0

