

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045220.D
 Acq On : 1 May 2020 17:37
 Operator : CG/JU
 Sample : L2122-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

Quant Time: May 01 18:18:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64187	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237297	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189532	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	473789	20.00	ng	0.00
76) Chrysene-d12	21.64	240	477101	20.00	ng	0.00
87) Perylene-d12	24.82	264	502927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	464956	119.59	ng	0.00
7) Phenol-d6	7.15	99	582270	100.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	503990	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	408520	139.52	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1198174	92.70	ng	0.00
79) Terphenyl-d14	19.99	244	2179175	99.55	ng	0.00

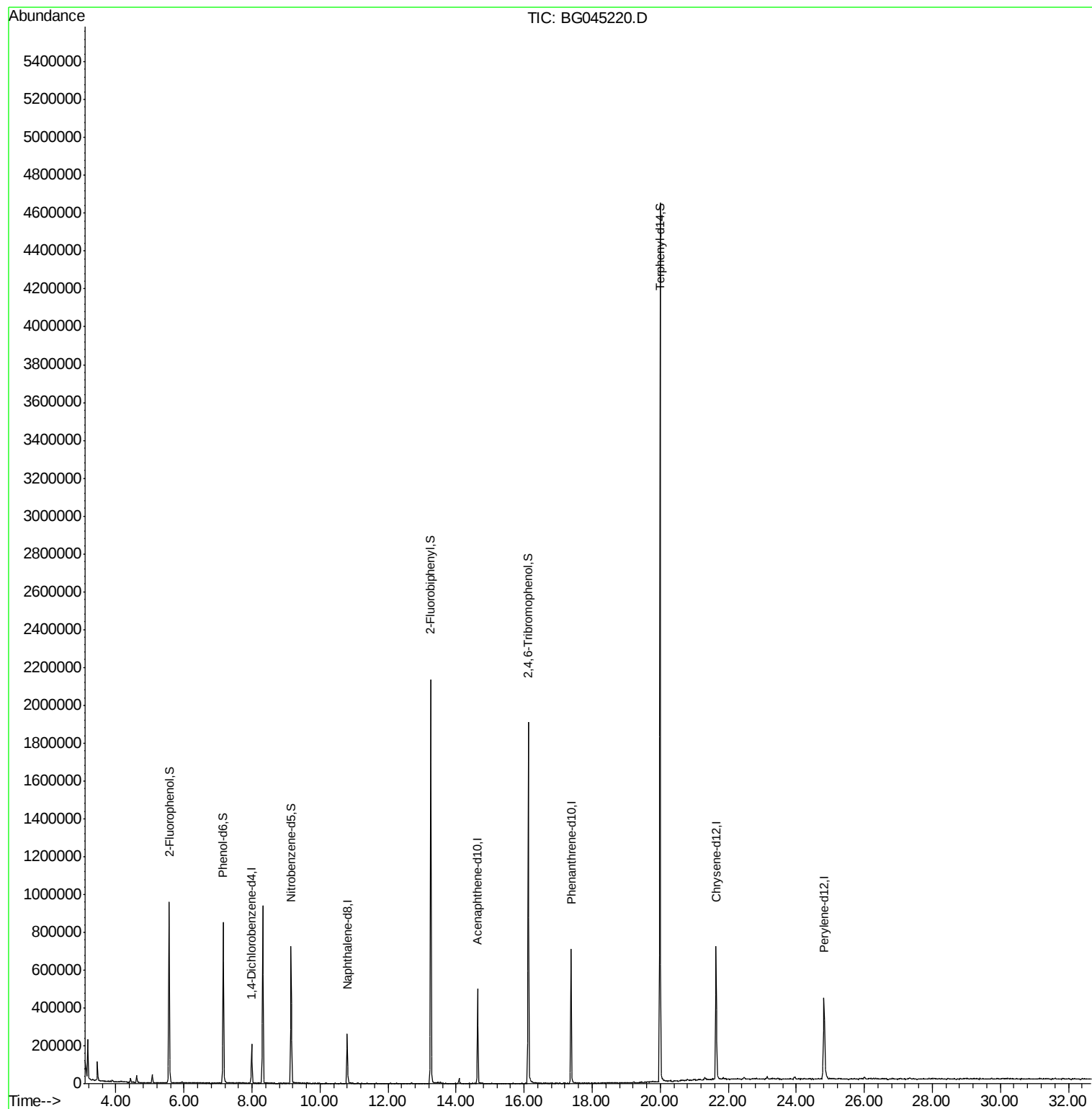
Target Compounds Qvalue

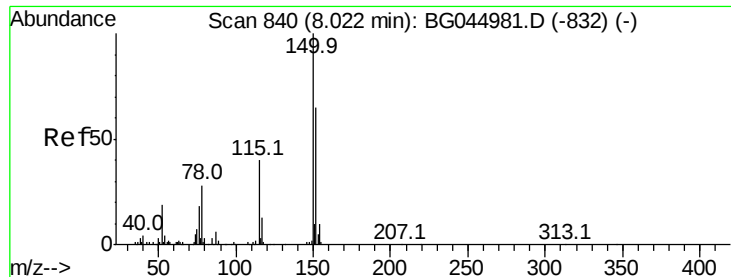
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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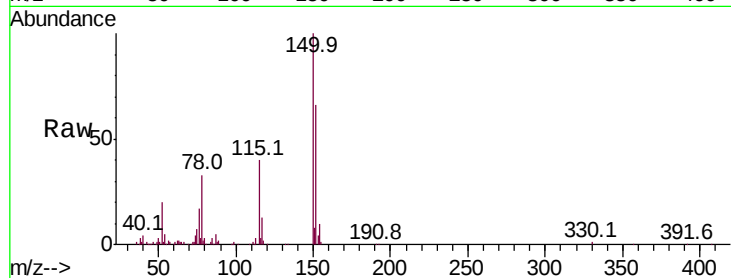


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045220.D
 Acq: 1 May 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

Tot Ion	152	Resp	64187
Ion Ratio	Lower	Upper	
152	100		
150	151.0	123.6	185.4
115	60.2	49.1	73.7

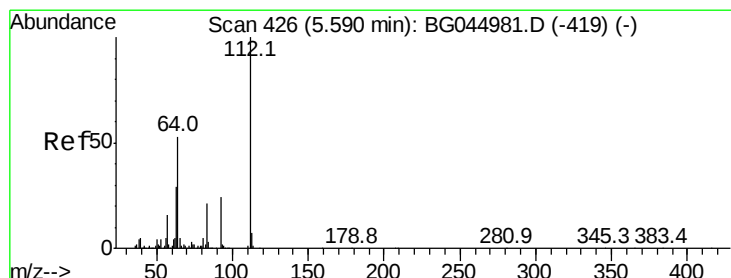
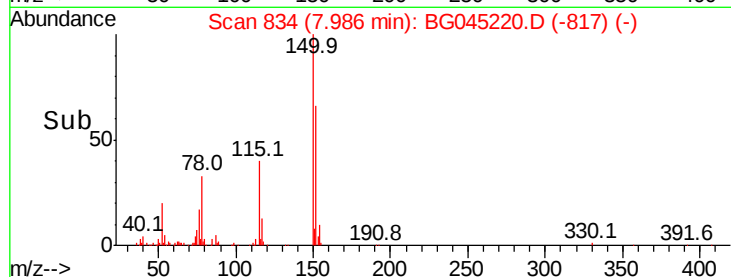
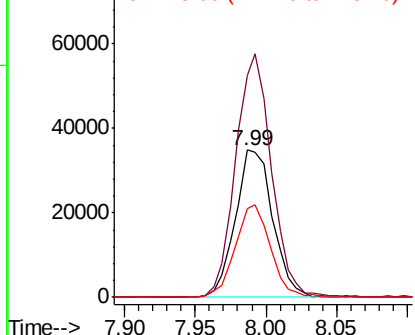


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

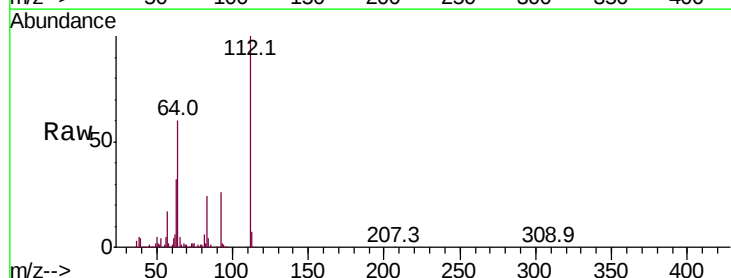
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.591 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG045220.D
 Acq: 1 May 2020 17:37

Tgt Ion	112	Resp	464956
Ion Ratio	Lower	Upper	
112	100		
64	59.6	42.4	63.6
63	32.2	23.1	34.7

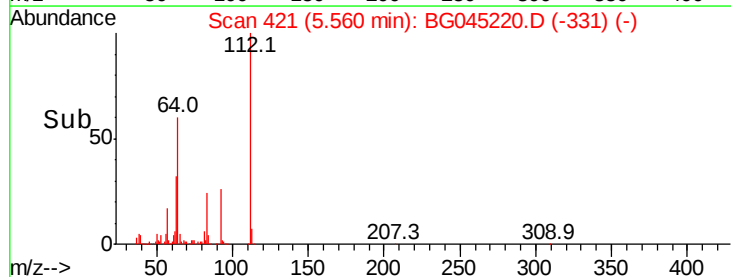
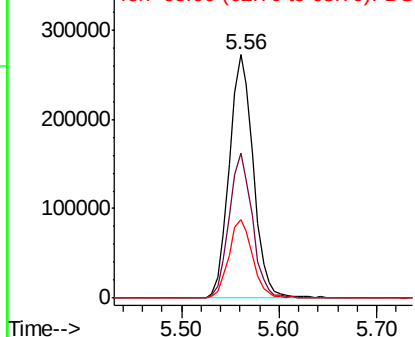


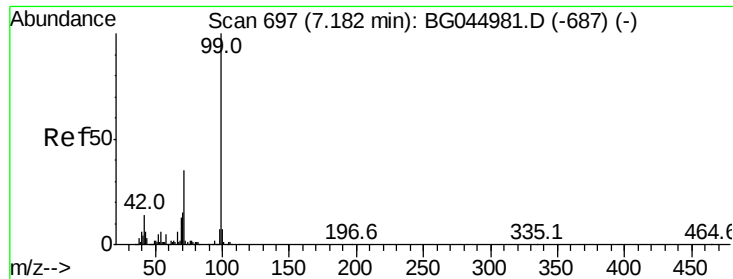
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 100.801 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

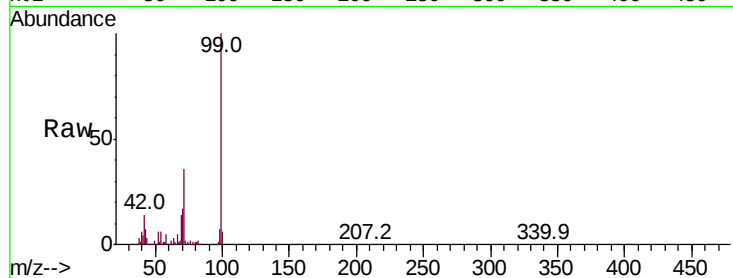
Tot Ion: 99 Resp: 582270

Ion Ratio Lower Upper

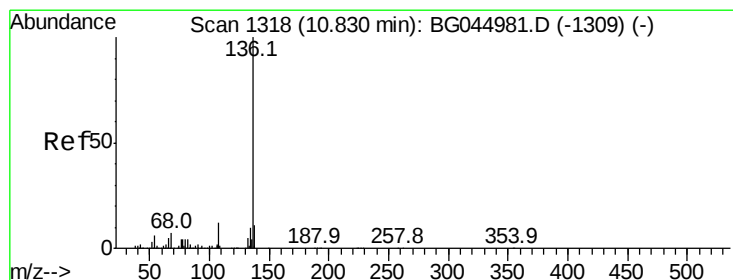
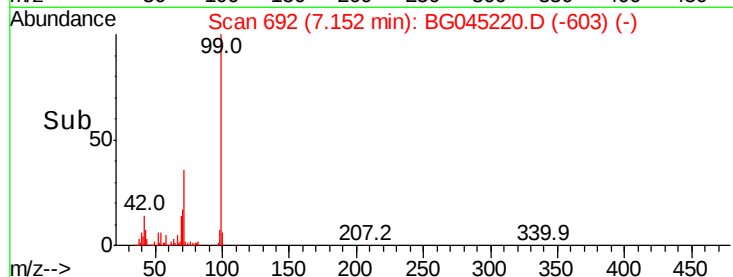
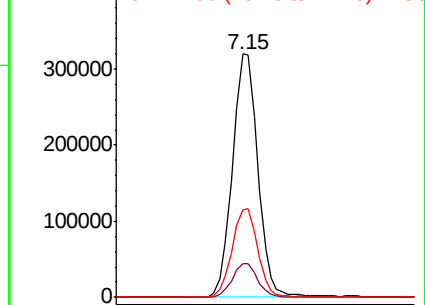
99 100

42 13.7 11.3 16.9

71 36.1 28.3 42.5



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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

Tgt Ion: 136 Resp: 237297

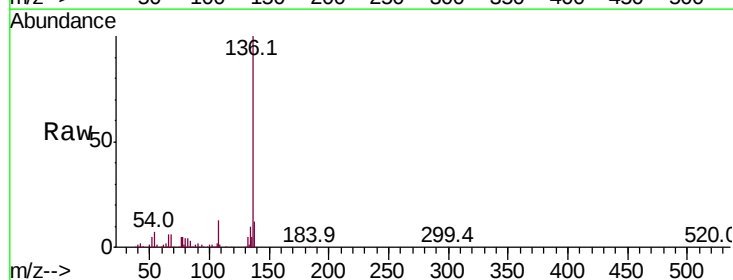
Ion Ratio Lower Upper

136 100

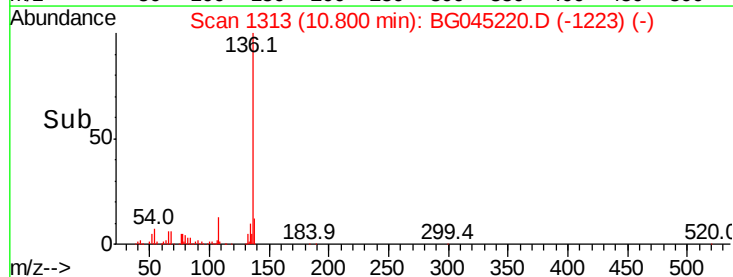
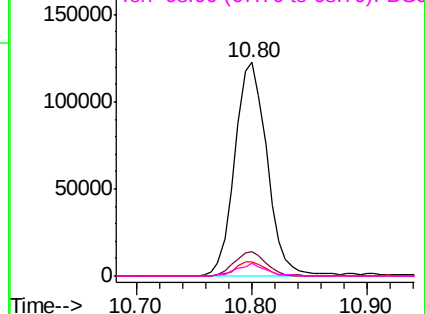
137 11.5 8.6 13.0

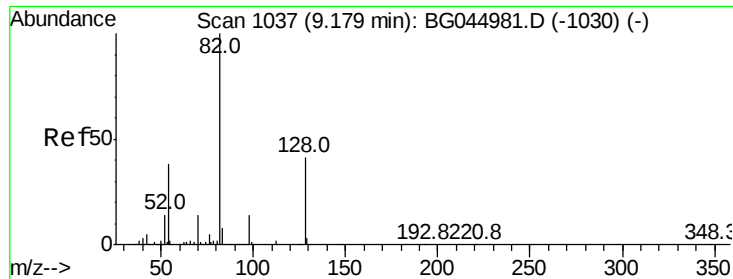
54 6.6 4.8 7.2

68 5.9 5.2 7.8



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

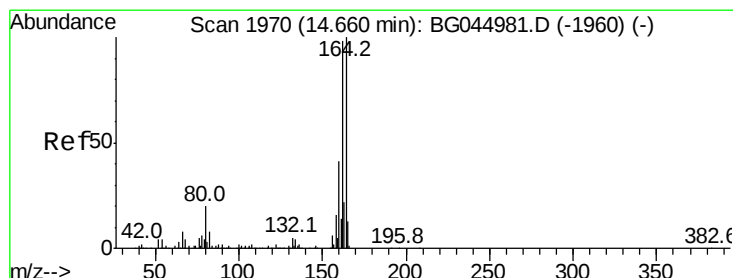
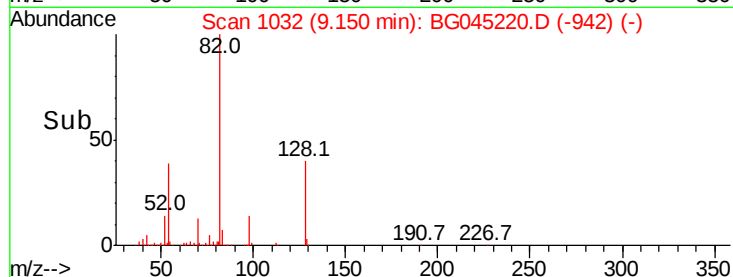
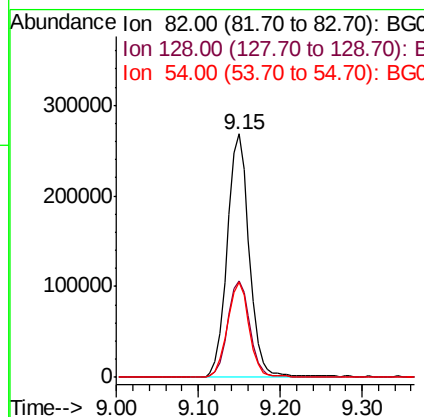
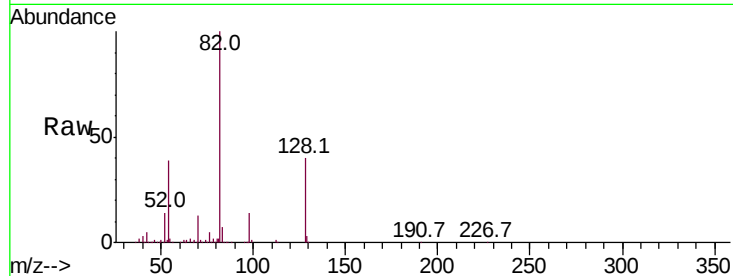




#23
Nitrobenzene-d5
Concen: 96.910 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

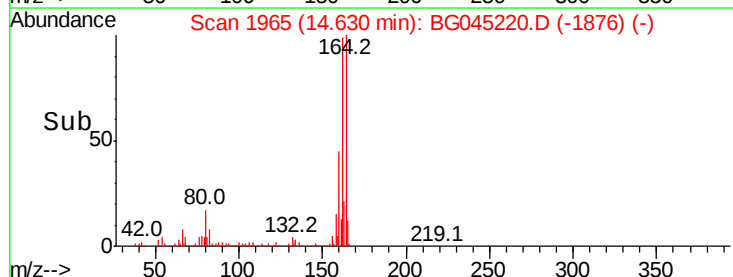
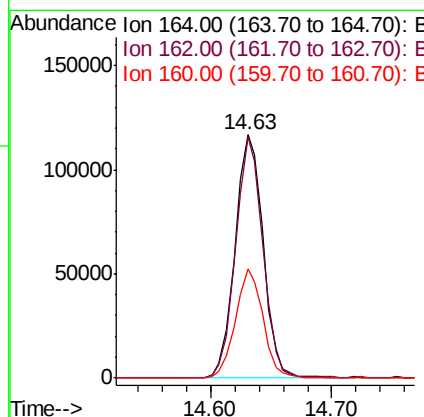
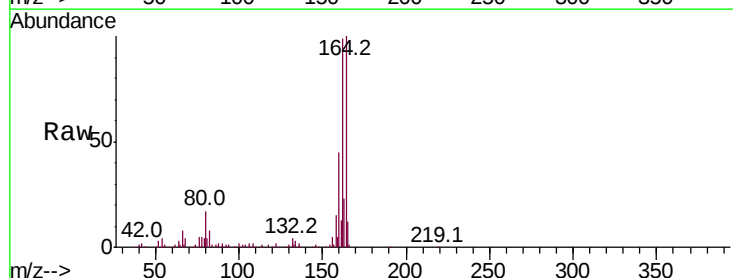
Instrument :
BNA_G
ClientSampleId :
SU-03-043020

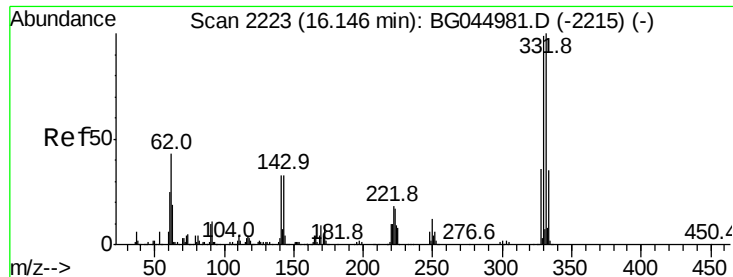
Tot Ion	82	Resp	503990
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.0	49.4
54	39.3	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion	164	Resp	189532
Ion Ratio	Lower	Upper	
164	100		
162	99.2	78.7	118.1
160	44.8	32.8	49.2

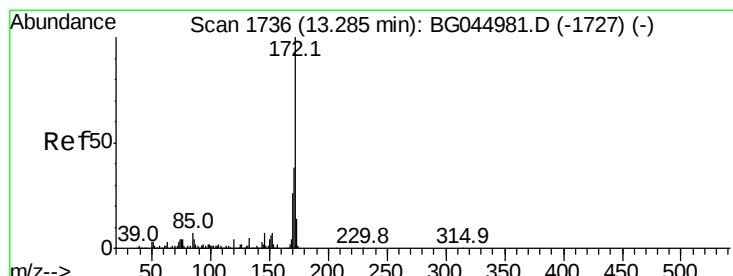
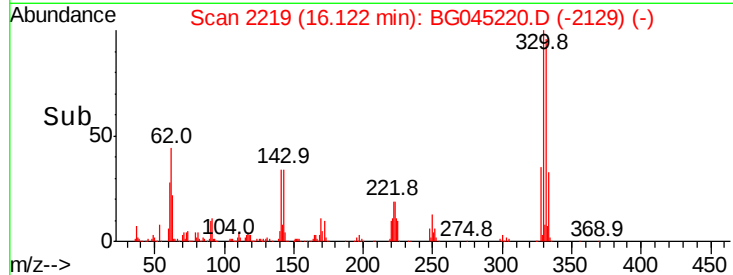
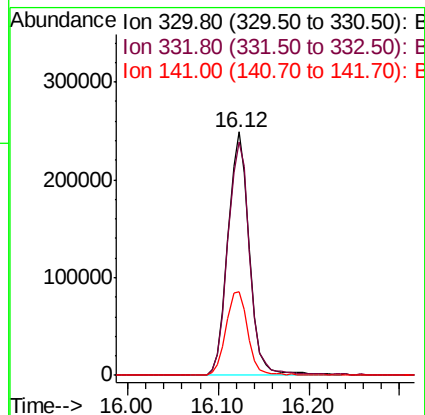
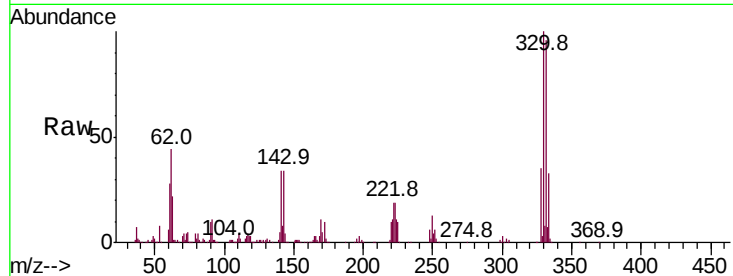




#42
 2,4,6-Tribromophenol
 Concen: 139.521 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045220.D
 Acq: 1 May 2020 17:37

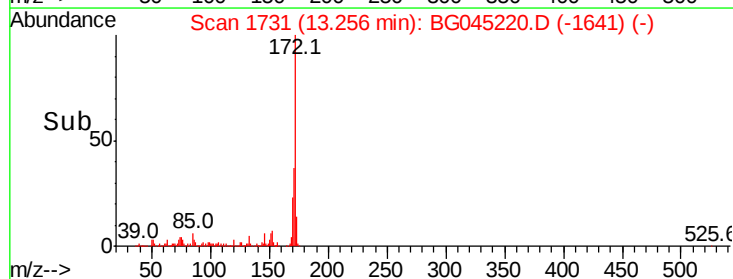
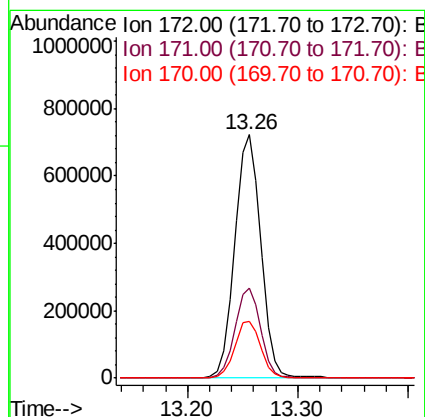
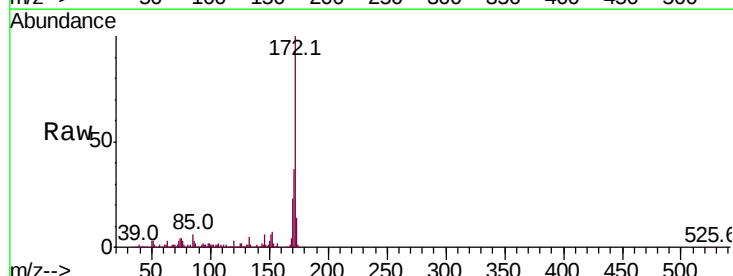
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-043020

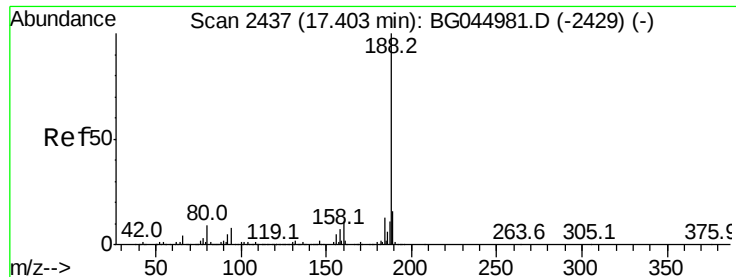
Tot Ion:330 Resp: 408520
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.1 118.7
 141 34.8 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 92.697 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045220.D
 Acq: 1 May 2020 17:37

Tgt Ion:172 Resp: 1198174
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 46.0
 170 23.4 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

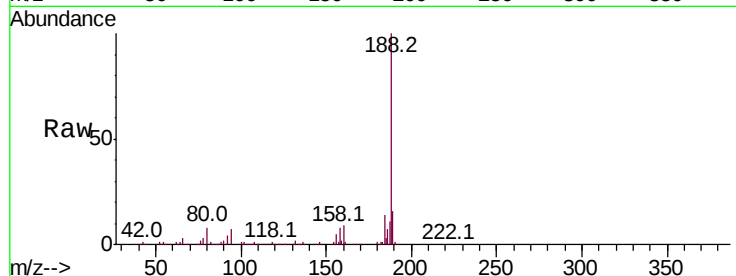
Tot Ion:188 Resp: 473789

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

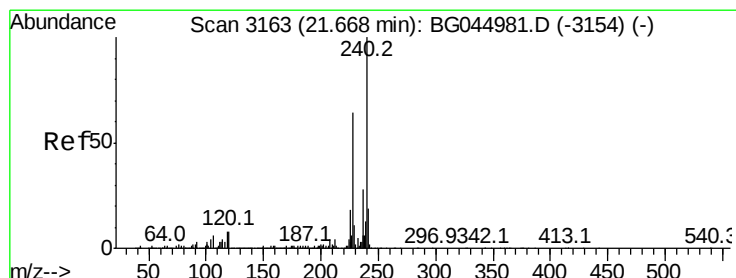
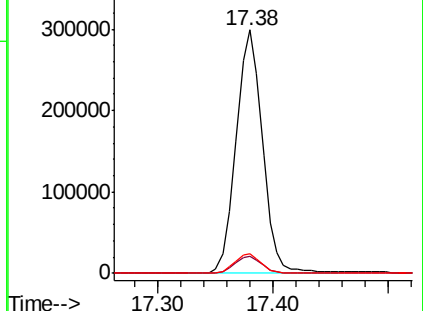
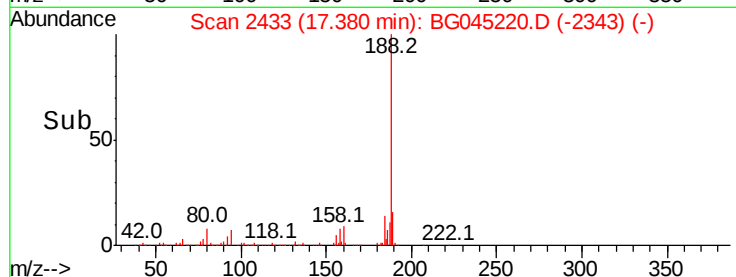
80 8.3 7.0 10.6



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: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

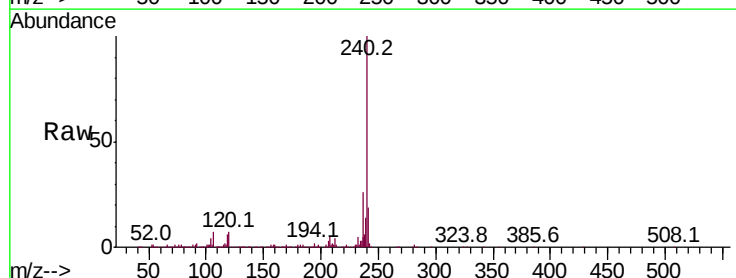
Tgt Ion:240 Resp: 477101

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

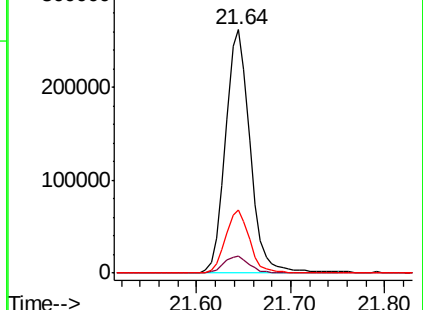
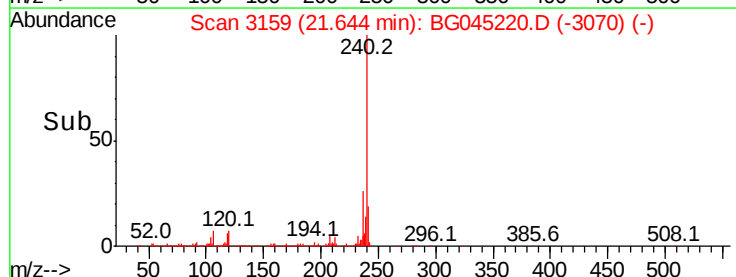
236 25.9 22.2 33.2

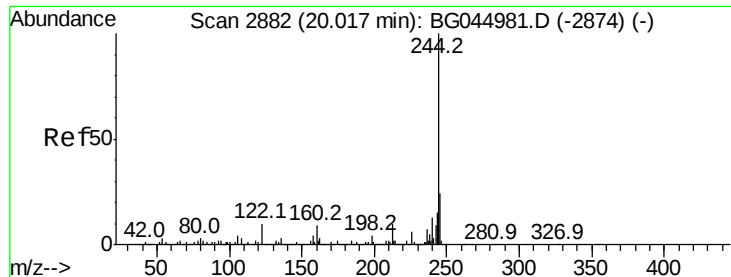


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.552 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

Instrument :

BNA_G

ClientSampleId :

SU-03-043020

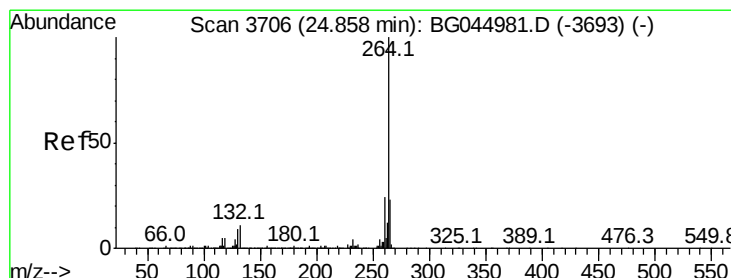
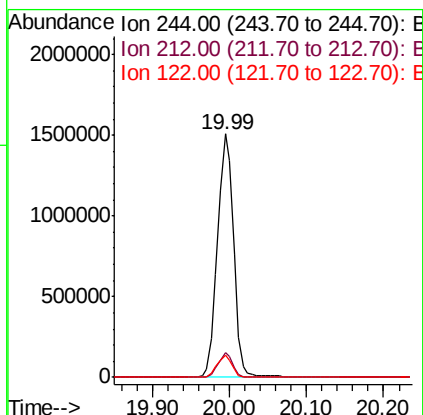
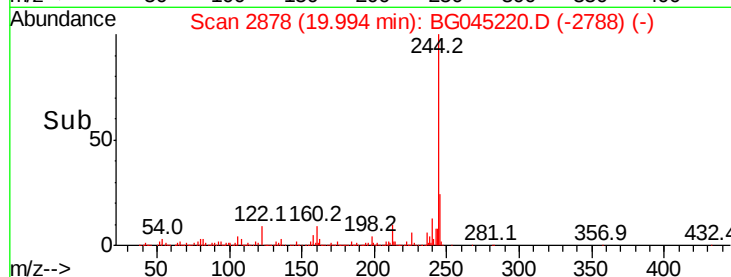
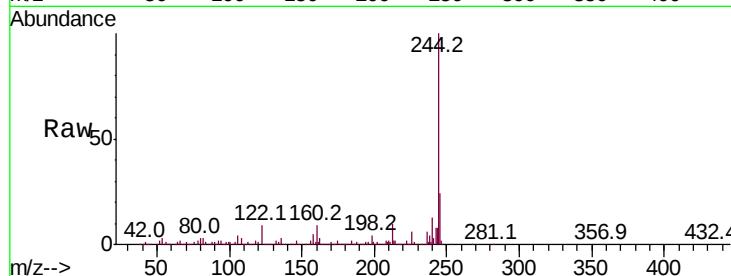
Tot Ion:244 Resp: 2179175

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

122 8.9 7.7 11.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG045220.D

Acq: 1 May 2020 17:37

Tgt Ion:264 Resp: 502927

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.6 19.0 28.4

