

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045848.D
 Acq On : 24 Jun 2020 17:14
 Operator : CG/JU
 Sample : PB129750TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129750TB

Quant Time: Jun 24 18:44:00 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

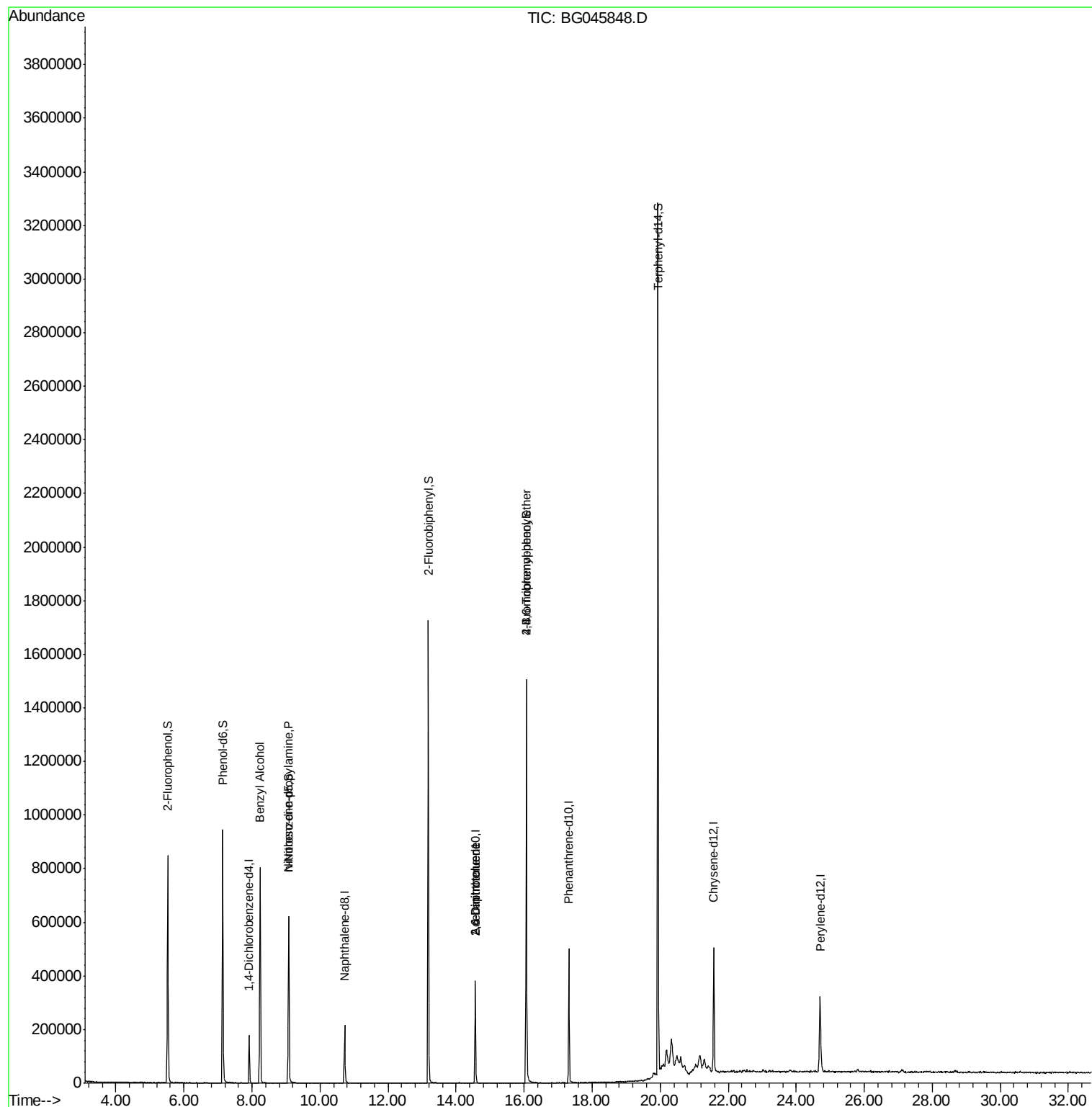
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50974	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	200678	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	147904	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	334696	20.00	ng	0.00
76) Chrysene-d12	21.57	240	301578	20.00	ng	0.00
86) Perylene-d12	24.70	264	337539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	420018	139.19	ng	-0.02
7) Phenol-d6	7.14	99	606956	132.23	ng	-0.02
23) Nitrobenzene-d5	9.08	82	418280	95.22	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	311930	139.69	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	949716	94.36	ng	0.00
79) Terphenyl-d14	19.94	244	1584951	106.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	7309	2.058	ng	# 60
19) n-Nitroso-di-n-propylamine	9.08	70	58872	19.509	ng	# 78
51) 2,6-Dinitrotoluene	14.57	165	18992	7.298	ng	# 24
57) 2,4-Dinitrotoluene	14.57	165	18992	5.093	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	20951	4.818	ng	# 1

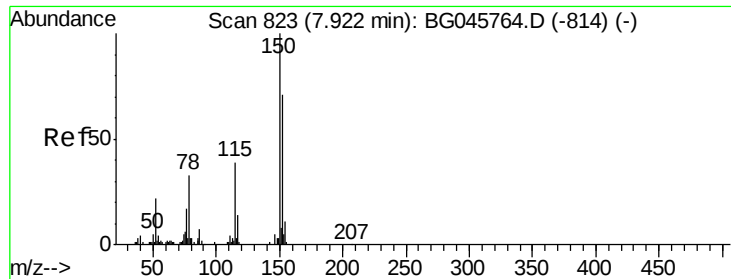
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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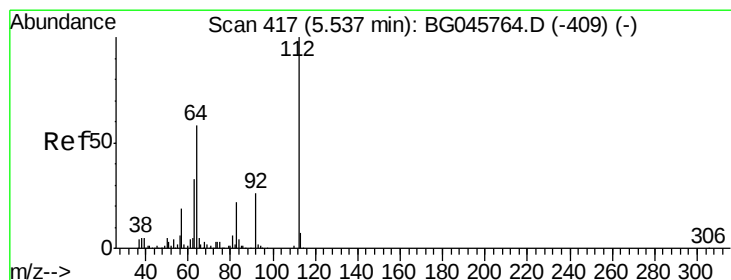
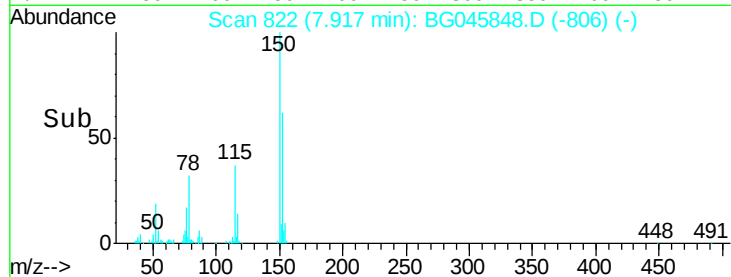
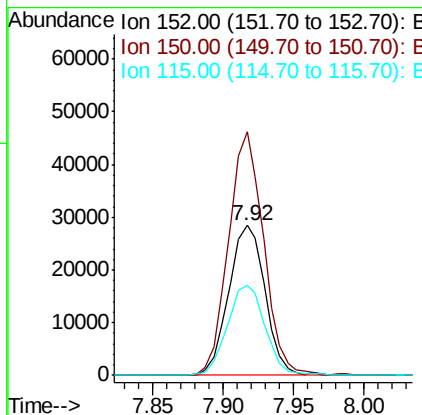
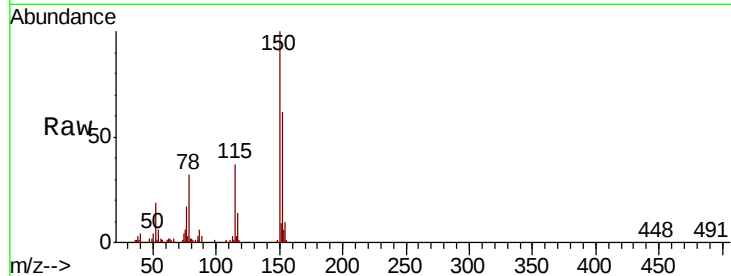


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :
PB129750TB

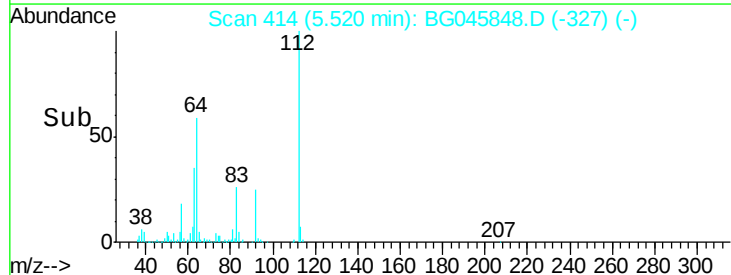
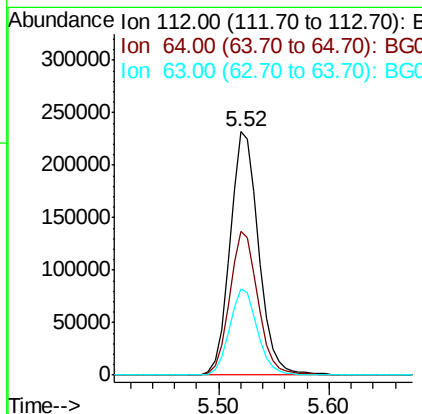
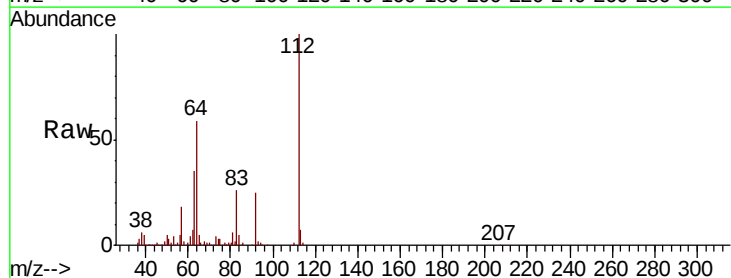
Tot Ion	152	Resp	50974
Ion	Ratio	Lower	Upper
152	100		
150	162.6	113.1	169.7
115	59.7	43.8	65.6

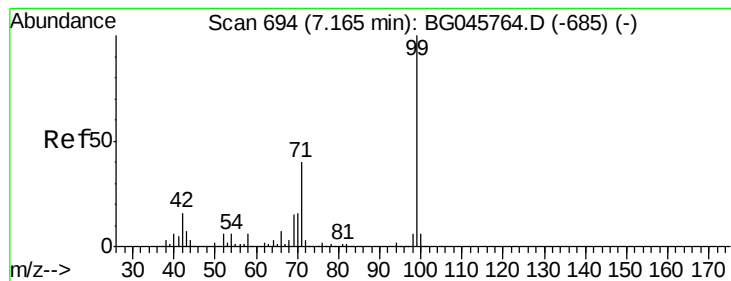


#5

2-Fluorophenol
Concen: 139.190 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Tgt Ion	112	Resp	420018
Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.6	69.8
63	35.3	26.3	39.5





#7

Phenol-d6

Concen: 132.234 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045848.D

Acq: 24 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB129750TB

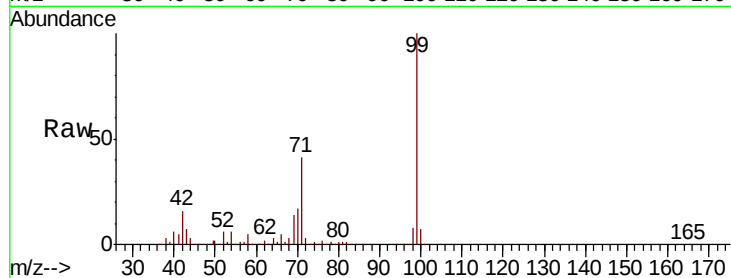
Tot Ion: 99 Resp: 606956

Ion Ratio Lower Upper

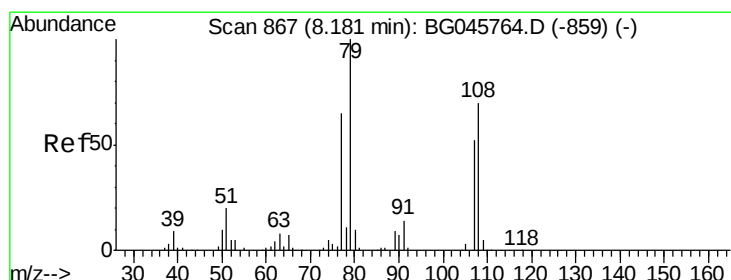
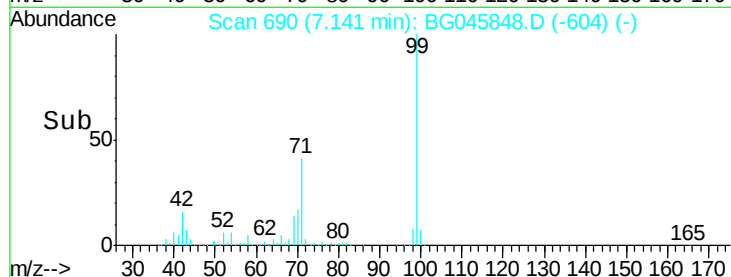
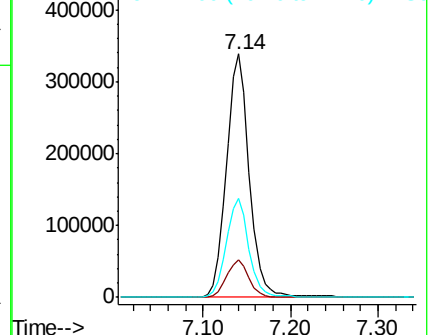
99 100

42 15.6 12.4 18.6

71 40.5 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



#15

Benzyl Alcohol

Concen: 2.058 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG045848.D

Acq: 24 Jun 2020 17:14

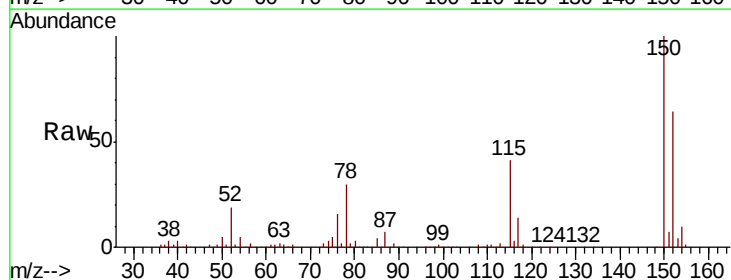
Tgt Ion: 79 Resp: 7309

Ion Ratio Lower Upper

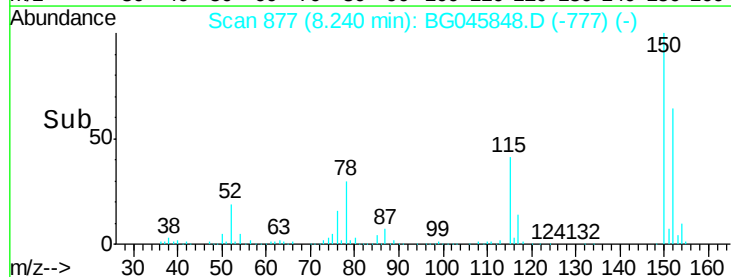
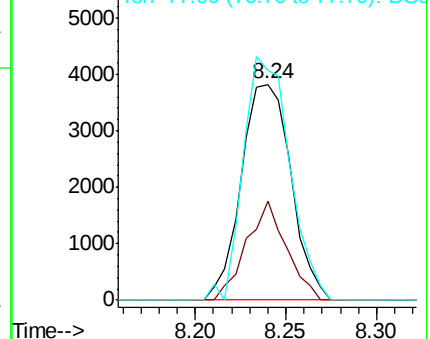
79 100

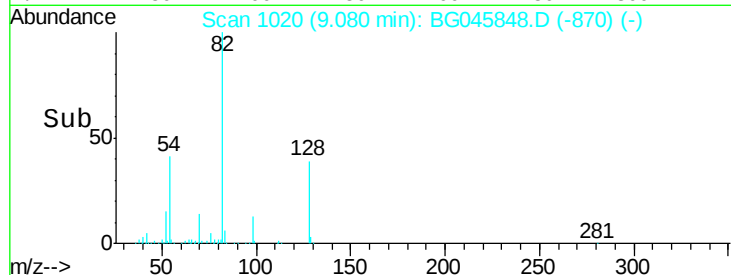
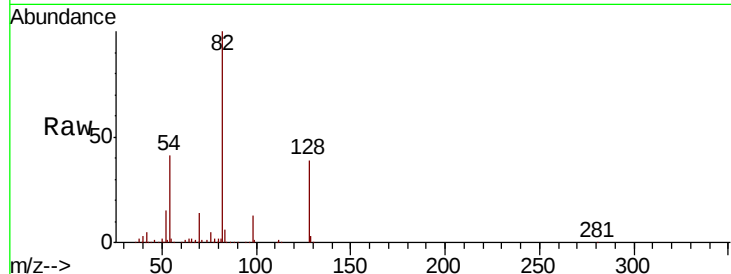
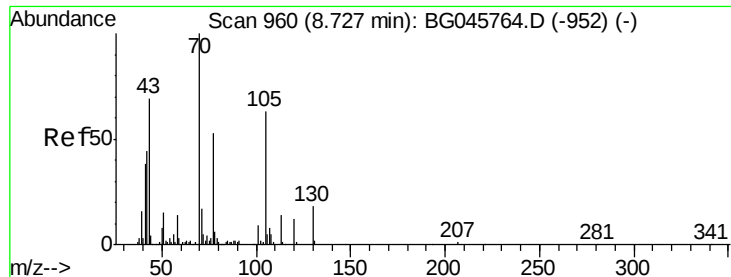
108 45.8 56.2 84.4#

77 106.3 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

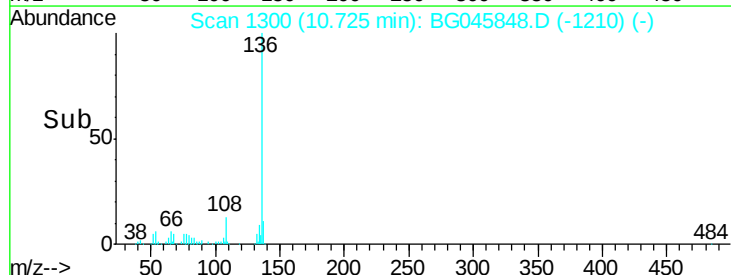
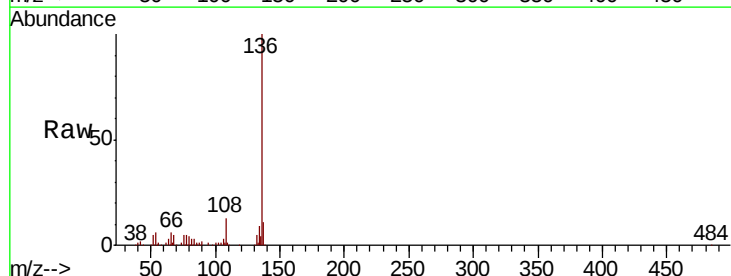
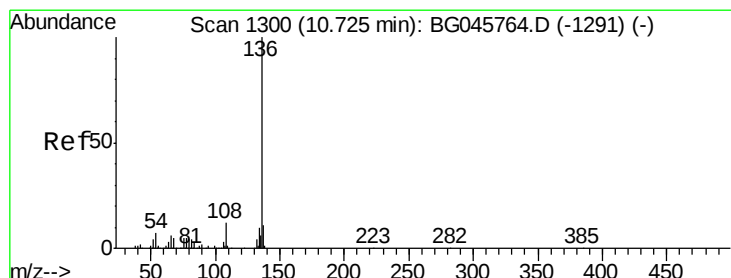
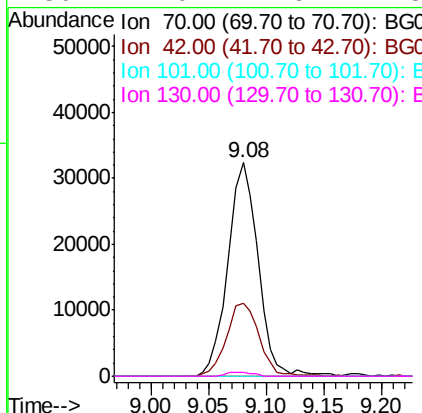




#19
n-Nitroso-di-n-propylamine
Concen: 19.509 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

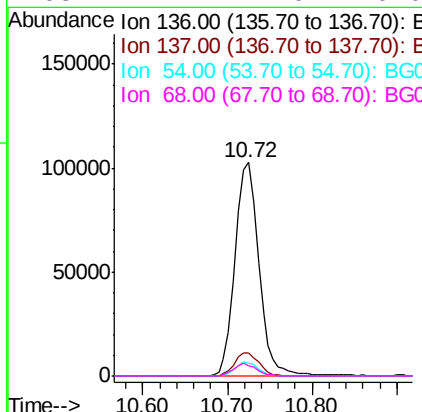
Instrument :
BNA_G
ClientSampleId :
PB129750TB

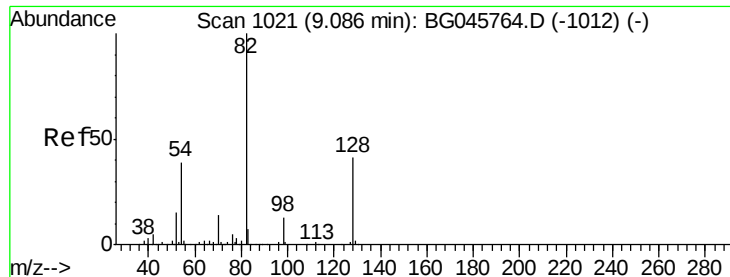
Tot Ion: 70 Resp: 58872
Ion Ratio Lower Upper
70 100
42 34.1 35.1 52.7#
101 0.0 7.4 11.0#
130 2.0 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Tgt Ion: 136 Resp: 200678
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.9 5.8 8.6
68 4.7 4.0 6.0

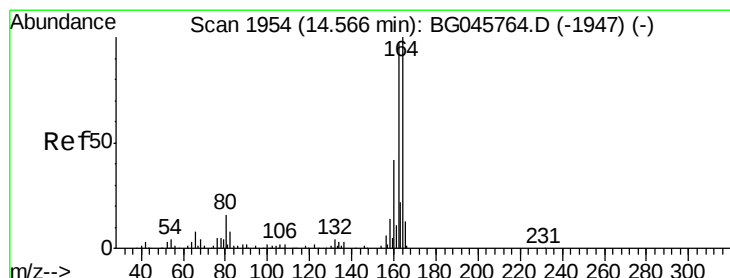
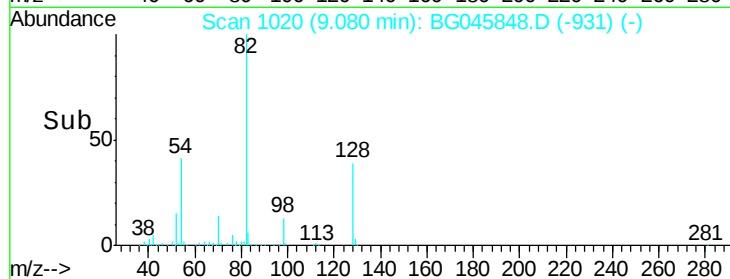
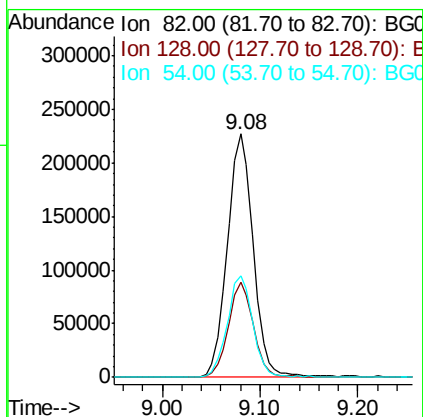
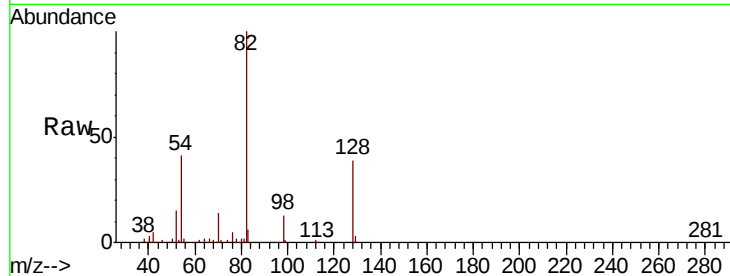




#23
Nitrobenzene-d5
Concen: 95.220 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

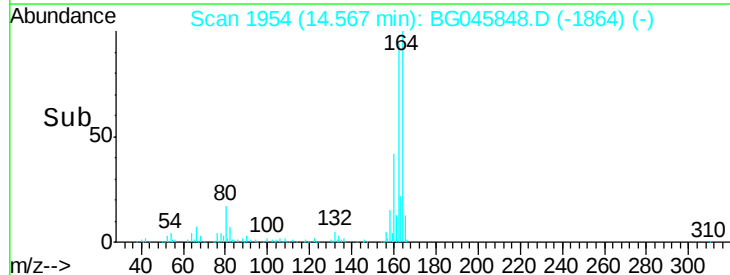
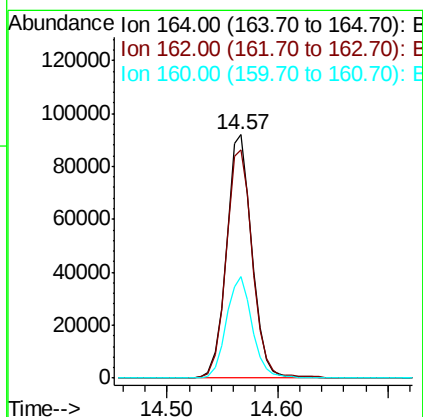
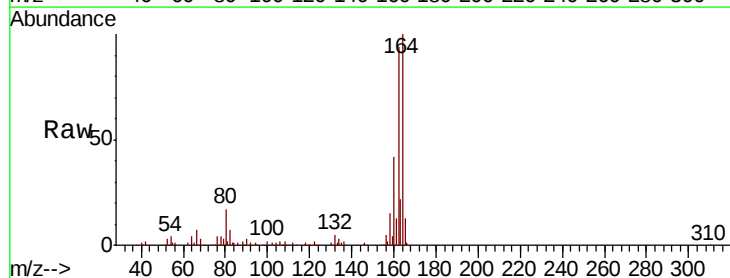
Instrument :
BNA_G
ClientSampleId :
PB129750TB

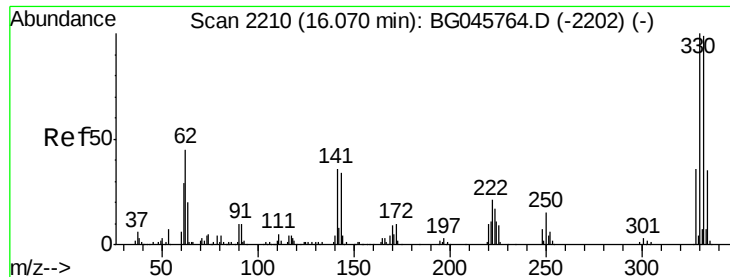
Tot Ion	82	Resp	418280
Ion Ratio	Lower	Upper	
82	100		
128	39.2	32.5	48.7
54	41.5	31.2	46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Tgt Ion	164	Resp	147904
Ion Ratio	Lower	Upper	
164	100		
162	93.8	77.4	116.0
160	41.7	33.3	49.9

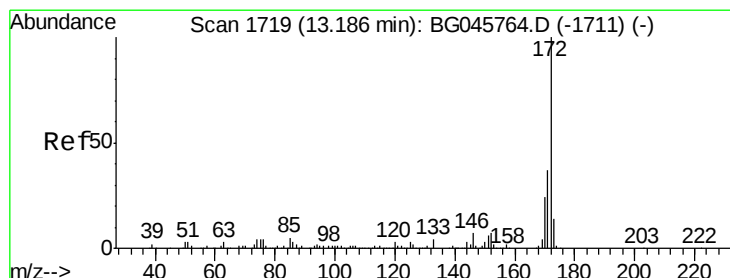
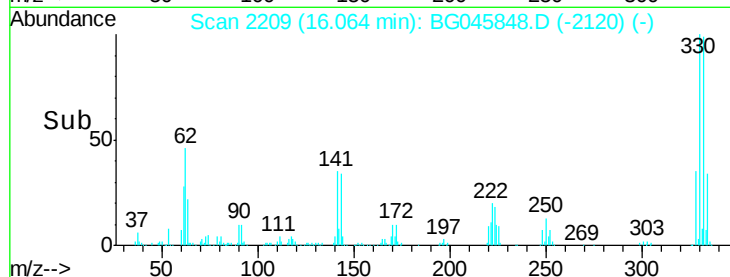
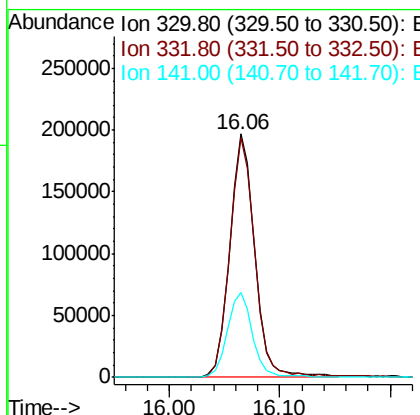
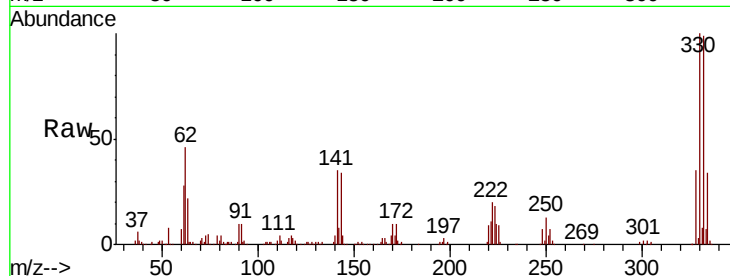




#42
 2,4,6-Tribromophenol
 Concen: 139.693 ng
 RT: 16.06 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG045848.D
 Acq: 24 Jun 2020 17:14

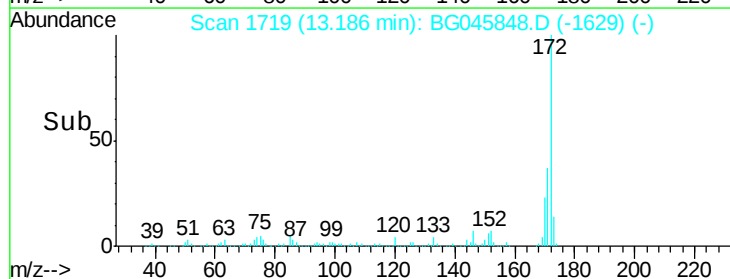
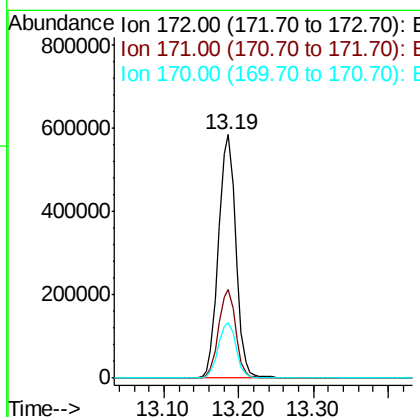
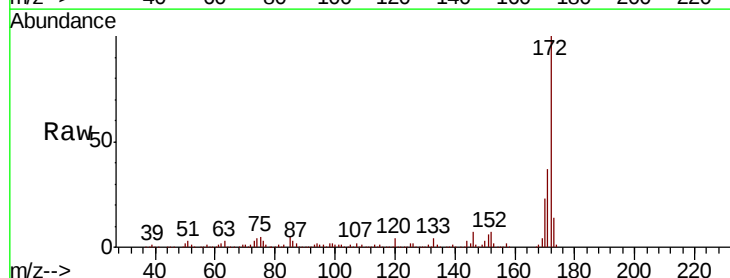
Instrument :
 BNA_G
 ClientSampleId :
 PB129750TB

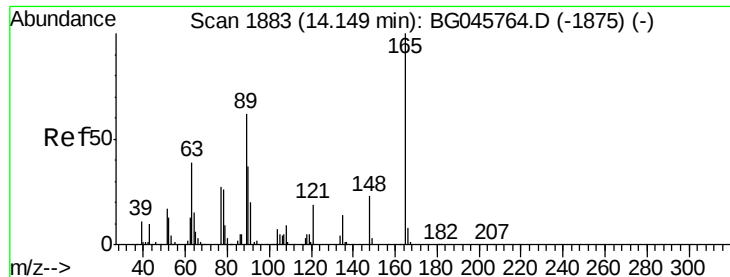
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	35.4	28.2	42.4



#45
 2-Fluorobiphenyl
 Concen: 94.363 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG045848.D
 Acq: 24 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	22.8	19.3	28.9

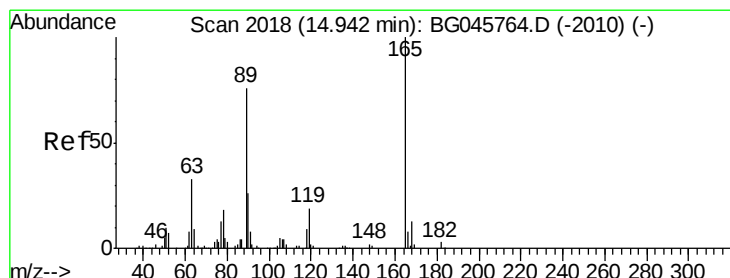
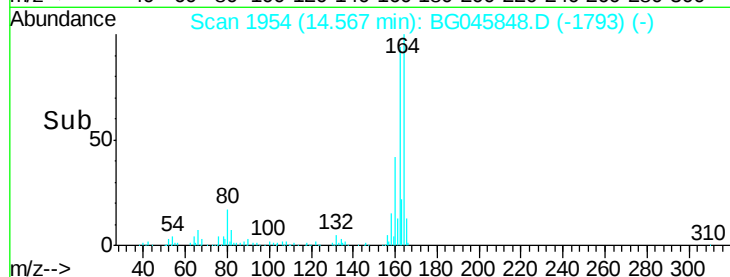
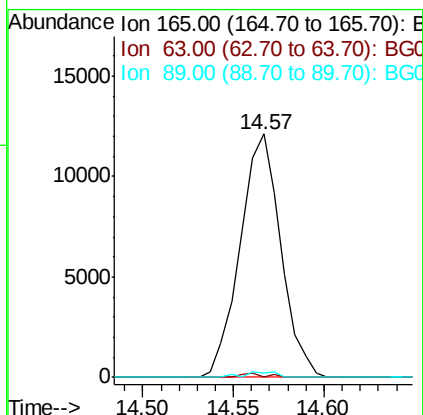
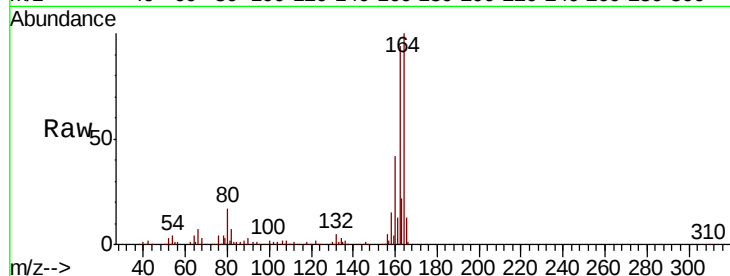




#51
2,6-Dinitrotoluene
Concen: 7.298 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

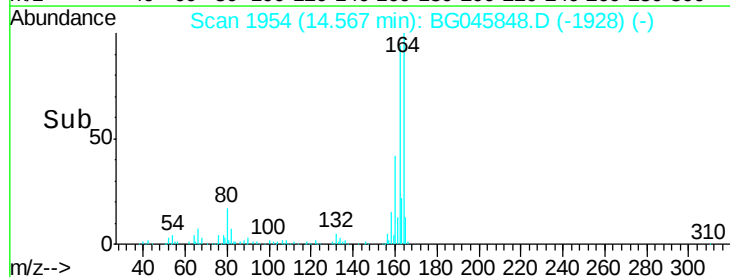
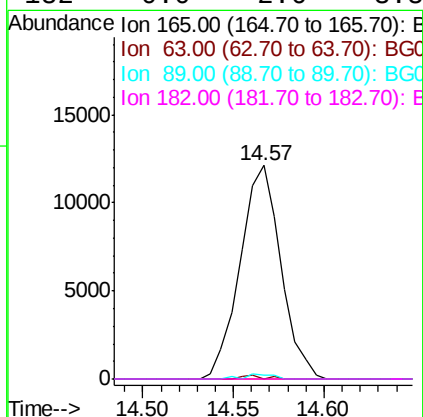
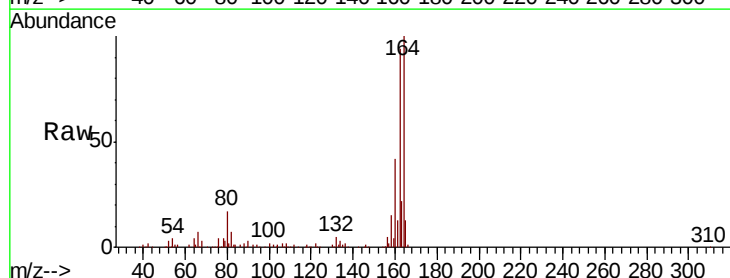
Instrument :
BNA_G
ClientSampleId :
PB129750TB

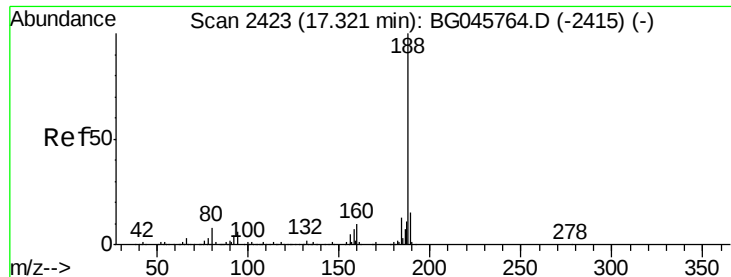
Tot Ion:165 Resp: 18992
Ion Ratio Lower Upper
165 100
63 0.0 41.2 61.8#
89 2.0 49.7 74.5#



#57
2,4-Dinitrotoluene
Concen: 5.093 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Tgt Ion:165 Resp: 18992
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 2.0 60.4 90.6#
182 0.0 2.6 3.8#

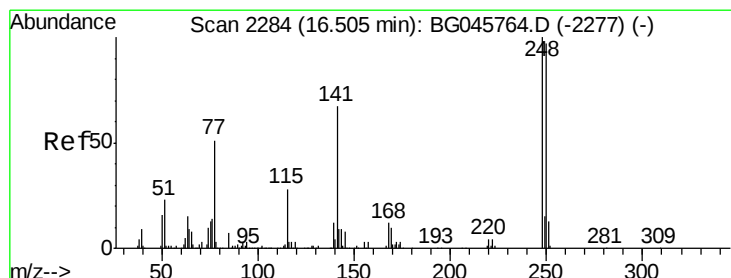
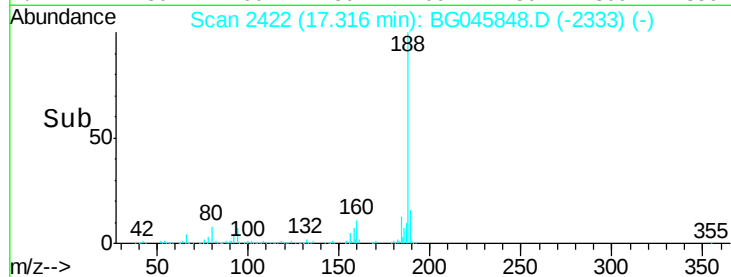
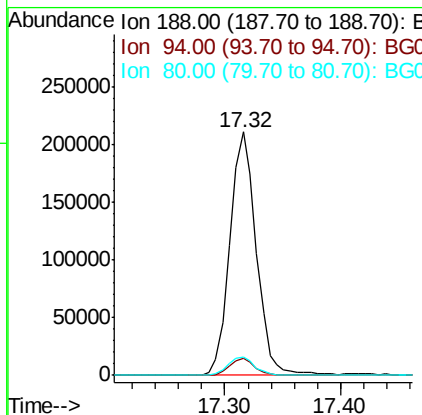
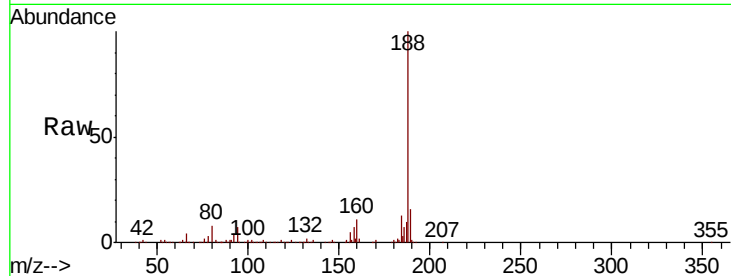




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

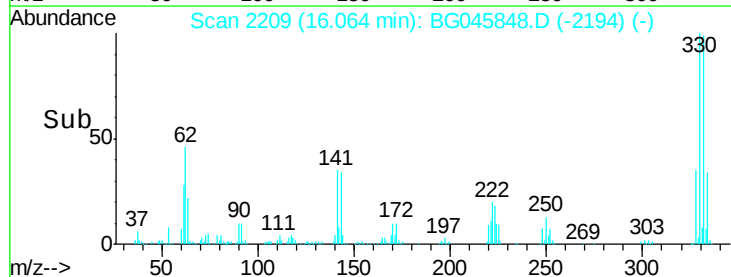
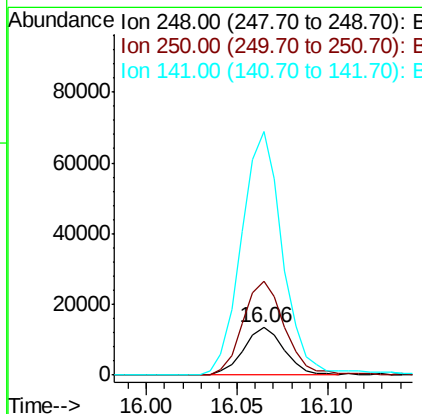
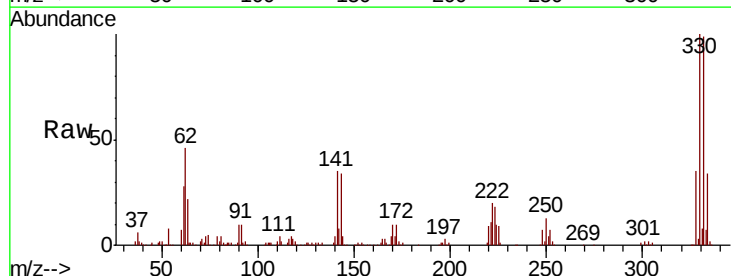
Instrument :
BNA_G
ClientSampled :
PB129750TB

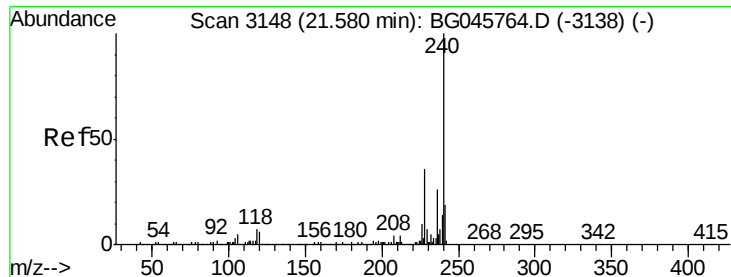
Tot Ion:188 Resp: 334696
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 7.5 6.2 9.4



#67
4-Bromophenyl-phenylether
Concen: 4.818 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Tgt Ion:248 Resp: 20951
Ion Ratio Lower Upper
248 100
250 197.5 78.0 117.0#
141 515.3 53.9 80.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045848.D

Acq: 24 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB129750TB

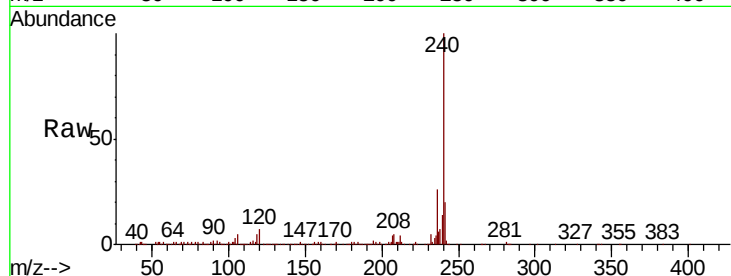
Tot Ion:240 Resp: 301578

Ion Ratio Lower Upper

240 100

120 6.5 5.0 7.4

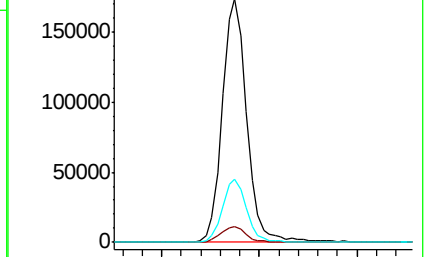
236 25.8 20.6 30.8



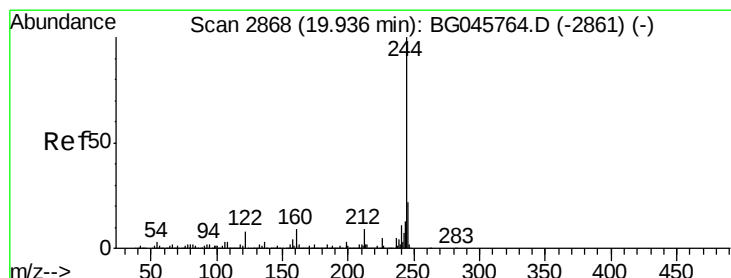
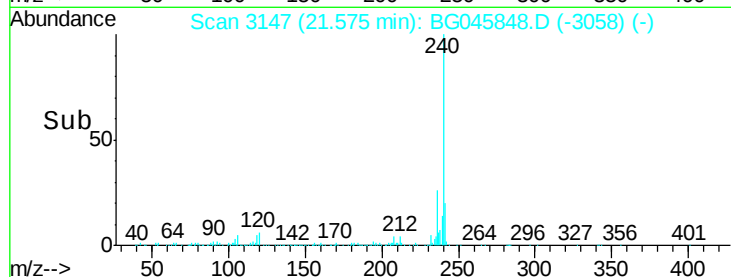
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 106.508 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045848.D

Acq: 24 Jun 2020 17:14

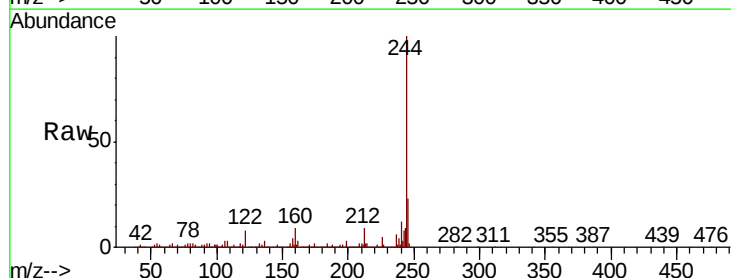
Tgt Ion:244 Resp: 1584951

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

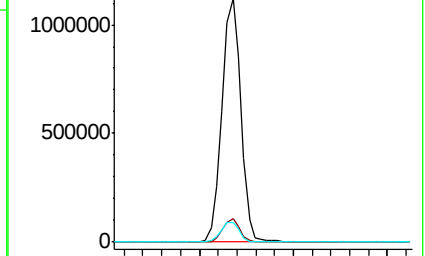
122 8.3 6.4 9.6



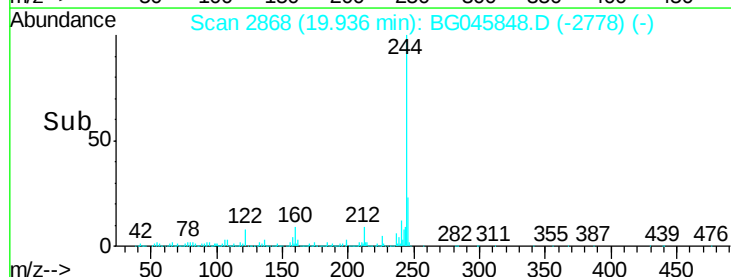
Abundance Ion 244.00 (243.70 to 244.70): E

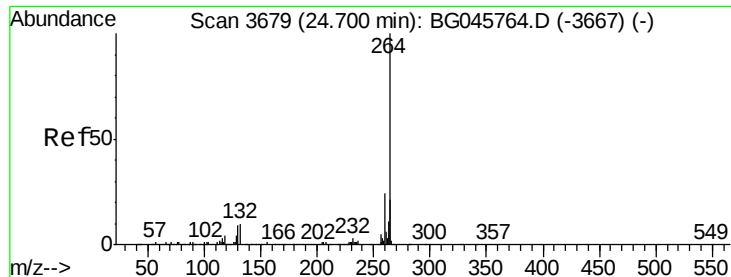
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045848.D
Acq: 24 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :
PB129750TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	21.9	17.4	26.0

