

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045773.D
 Acq On : 16 Jun 2020 15:21
 Operator : CG/JU
 Sample : PB129573BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BL

Quant Time: Jun 16 17:22:16 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

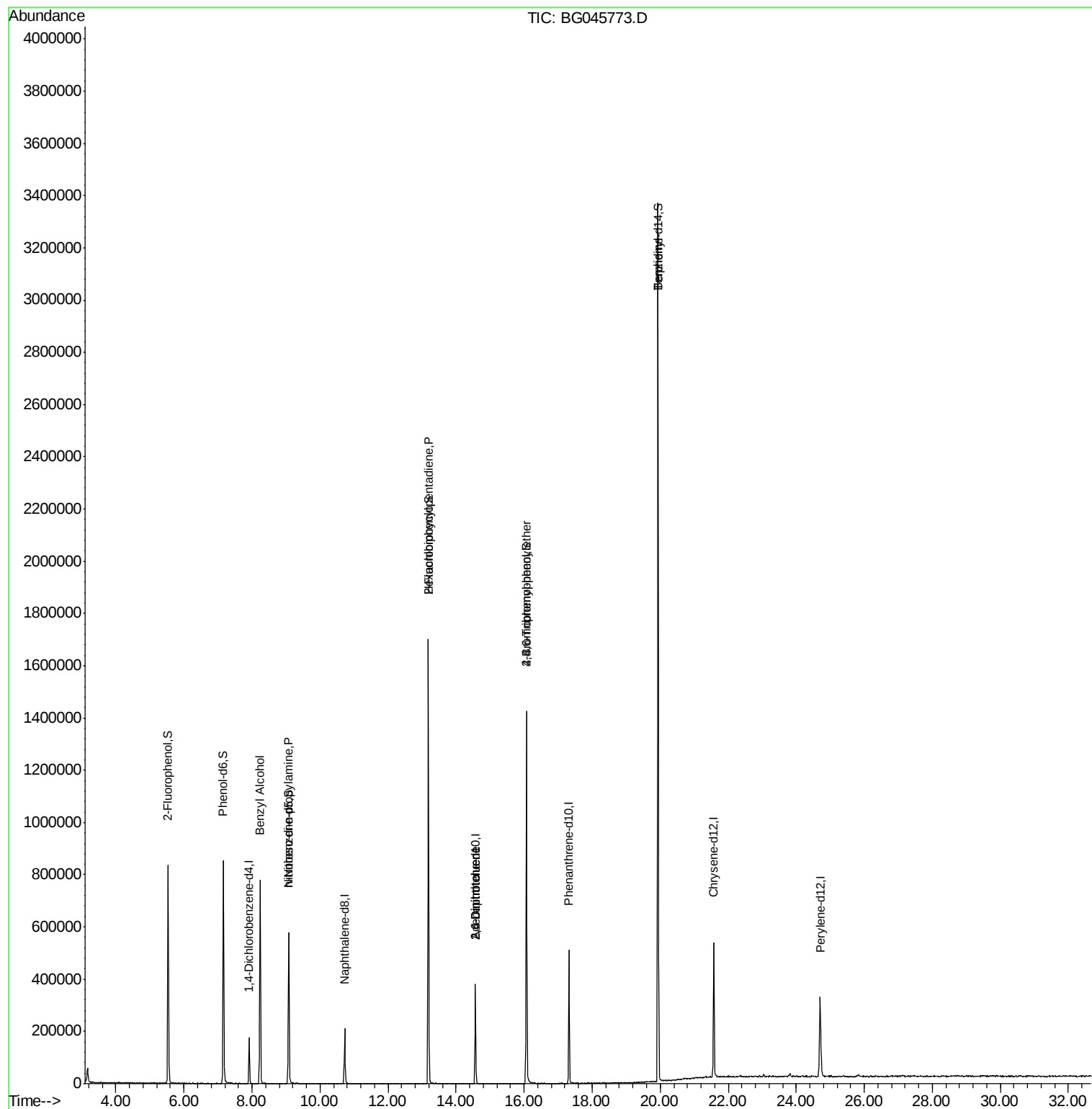
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50777	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	200161	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144900	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	343841	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335886	20.00	ng	0.00
86) Perylene-d12	24.70	264	351007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	403478	134.23	ng	0.00
7) Phenol-d6	7.16	99	553634	121.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	386391	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	296931	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	917051	93.01	ng	0.00
79) Terphenyl-d14	19.94	244	1671030	100.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.24	79	7743	2.188	ng	# 46
19) n-Nitroso-di-n-propylamine	9.08	70	55532	18.474	ng	# 80
41) Hexachlorocyclopentadiene	13.19	237	128	8.462	ng	# 27
51) 2,6-Dinitrotoluene	14.57	165	19084	7.485	ng	# 24
57) 2,4-Dinitrotoluene	14.57	165	19084	5.224	ng	# 23
67) 4-Bromophenyl-phenylether	16.07	248	20428	4.572	ng	# 1
77) Benzydine	19.94	184	33007	3.780	ng	# 88

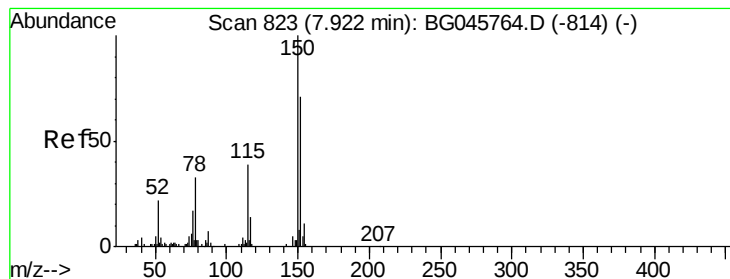
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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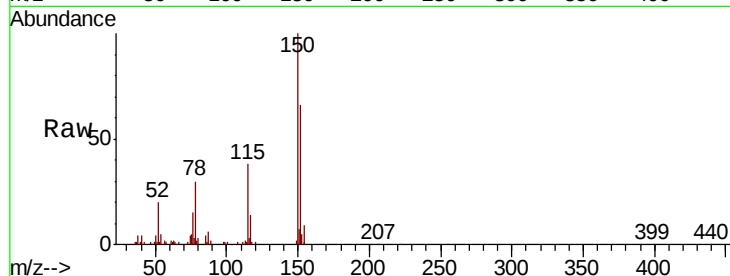


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tot Ion	152	Resp	50777
Ion Ratio	Lower	Upper	
152	100		
150	152.1	113.1	169.7
115	57.6	43.8	65.6

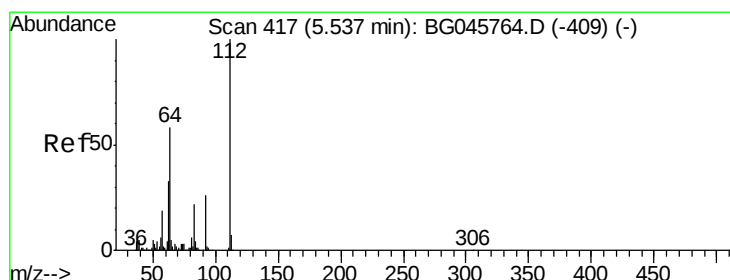
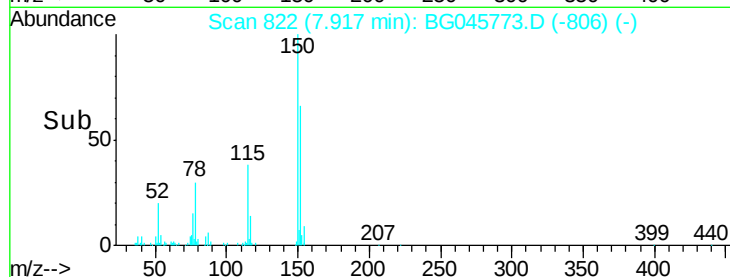
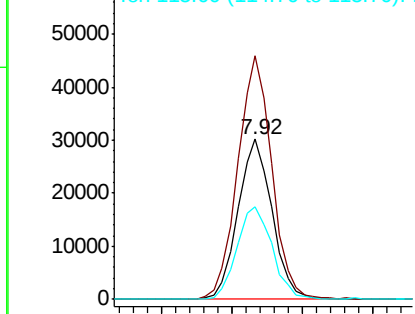


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

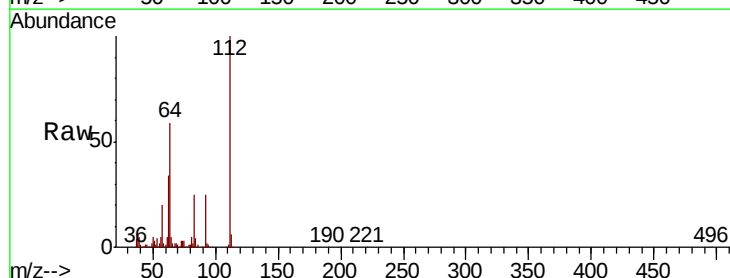
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.228 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion	112	Resp	403478
Ion Ratio	Lower	Upper	
112	100		
64	58.9	46.6	69.8
63	33.9	26.3	39.5

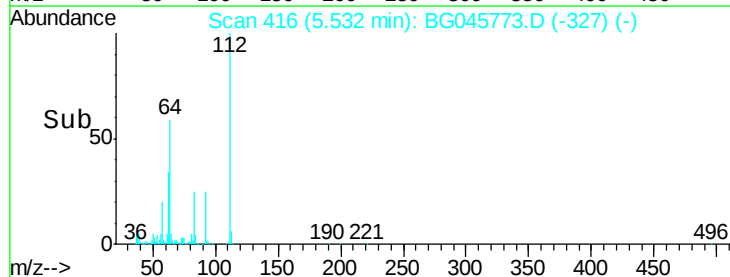
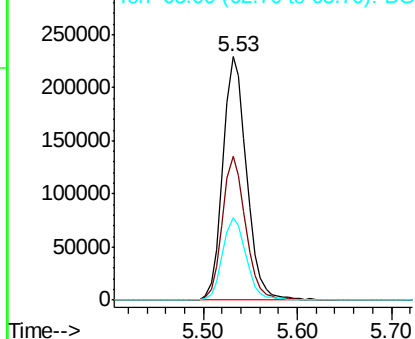


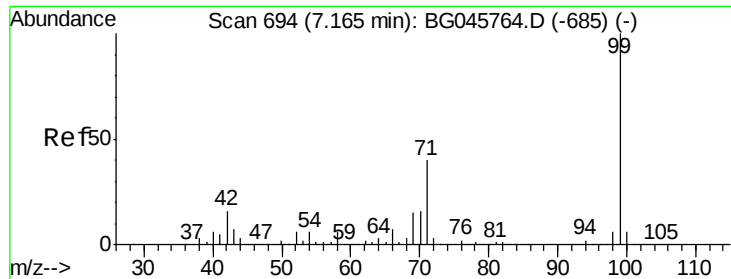
Abundance

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: 121.085 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Instrument :

BNA_G

ClientSampleId :

PB129573BL

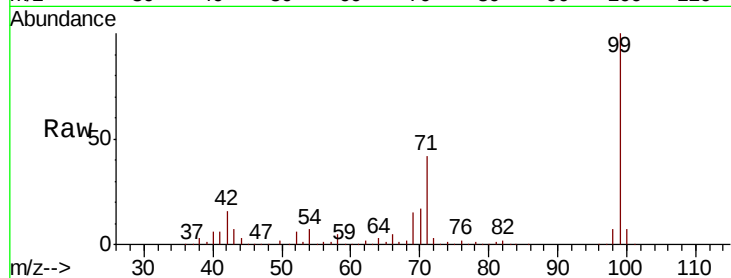
Tot Ion: 99 Resp: 553634

Ion Ratio Lower Upper

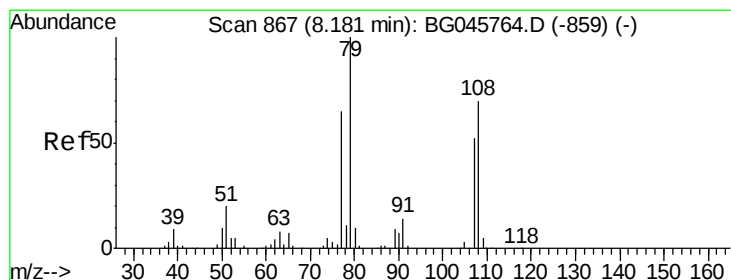
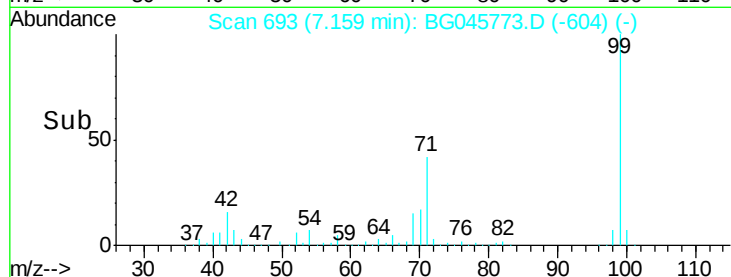
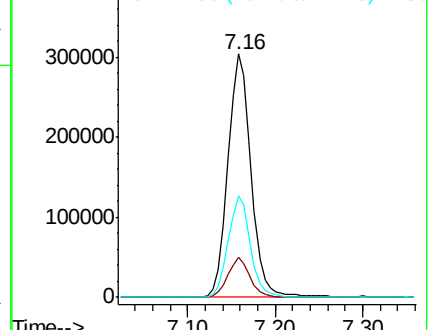
99 100

42 16.3 12.4 18.6

71 41.6 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: 2.188 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

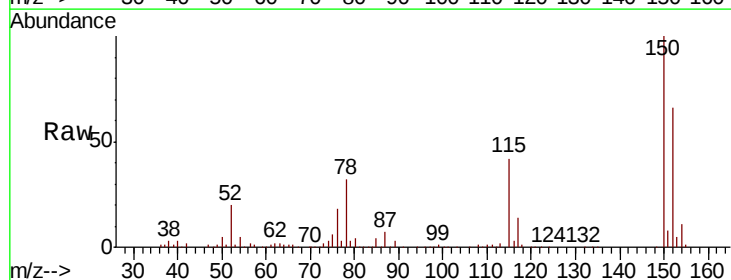
Tgt Ion: 79 Resp: 7743

Ion Ratio Lower Upper

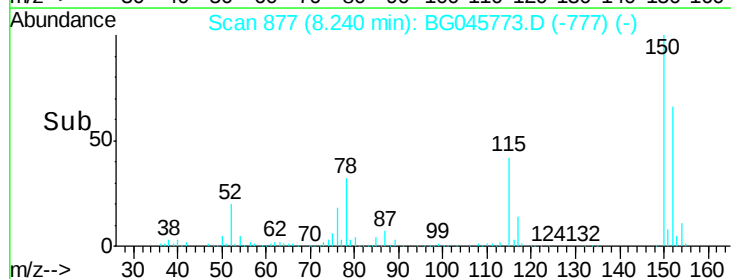
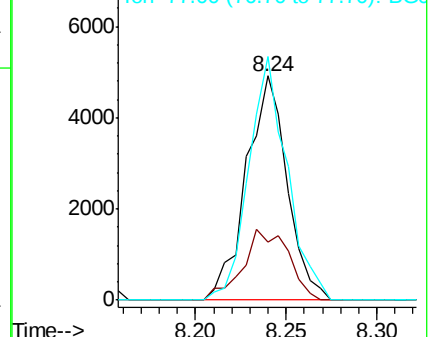
79 100

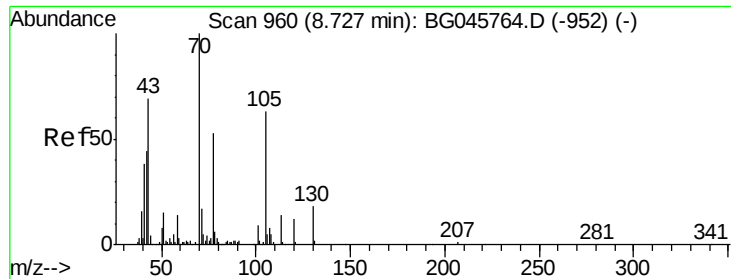
108 26.1 56.2 84.4#

77 108.7 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

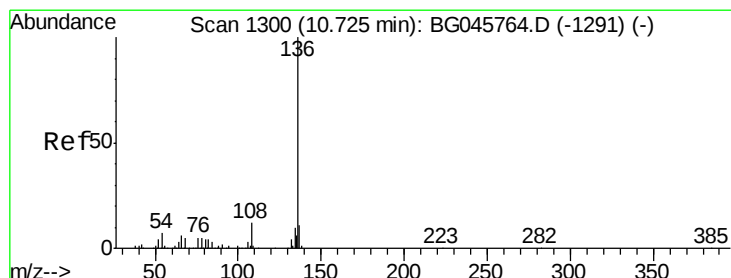
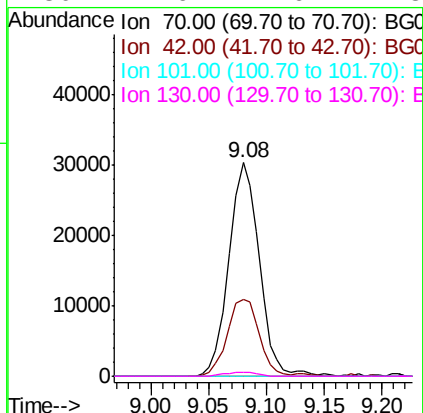
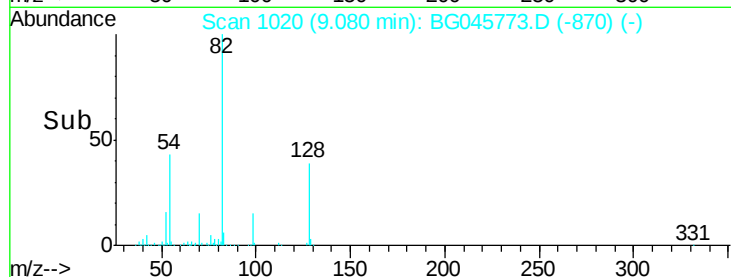
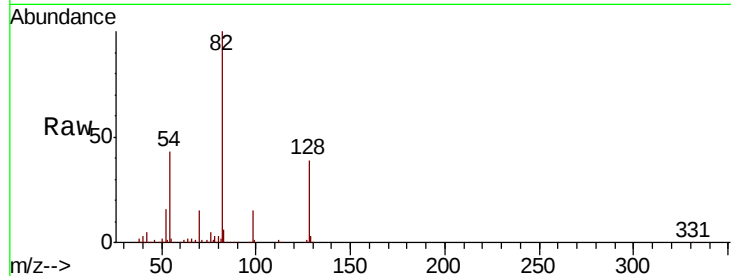




#19
n-Nitroso-di-n-propylamine
Concen: 18.474 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

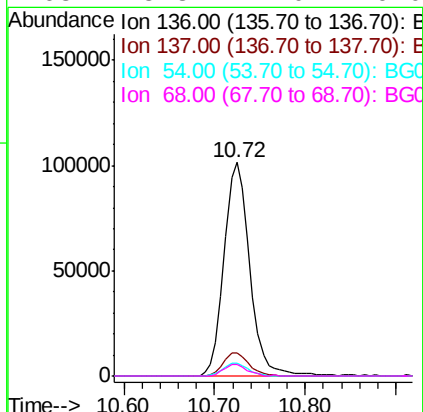
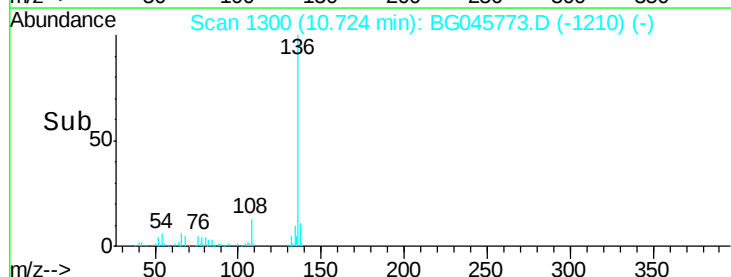
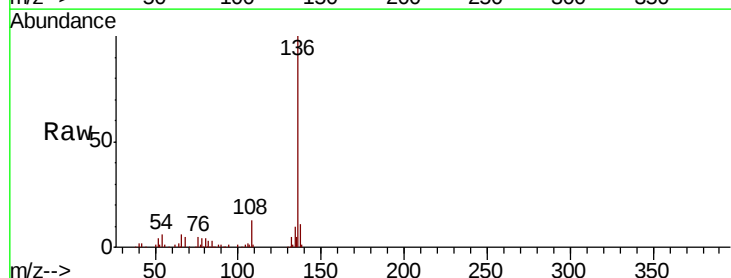
Instrument :
BNA_G
ClientSampleId :
PB129573BL

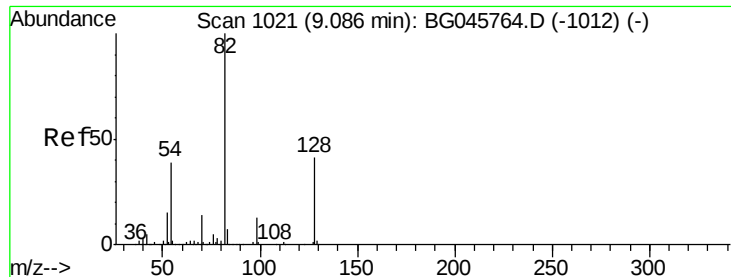
Tot Ion: 70 Resp: 55532
Ion Ratio Lower Upper
70 100
42 36.0 35.1 52.7
101 0.0 7.4 11.0#
130 1.6 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion: 136 Resp: 200161
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.0 5.8 8.6
68 5.3 4.0 6.0

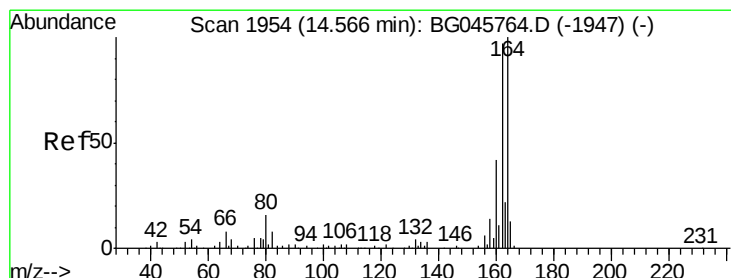
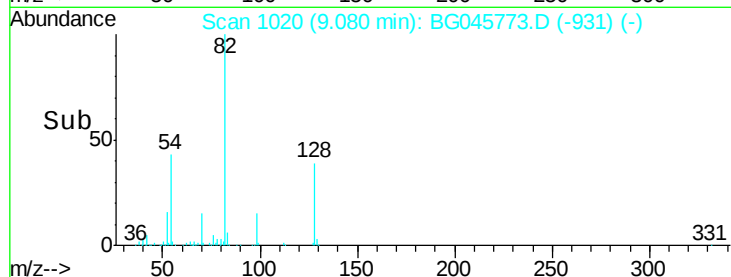
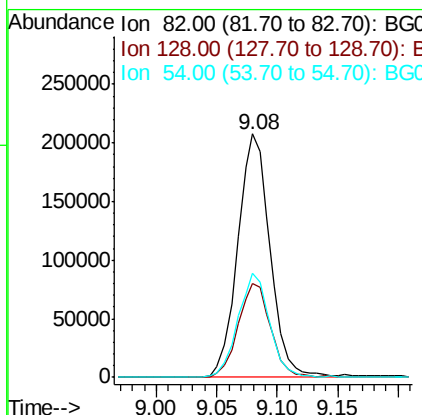
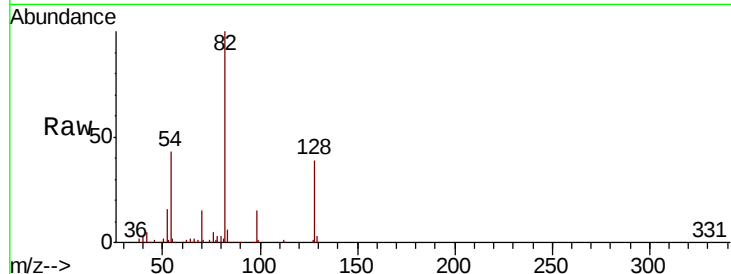




#23
 Nitrobenzene-d5
 Concen: 88.187 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

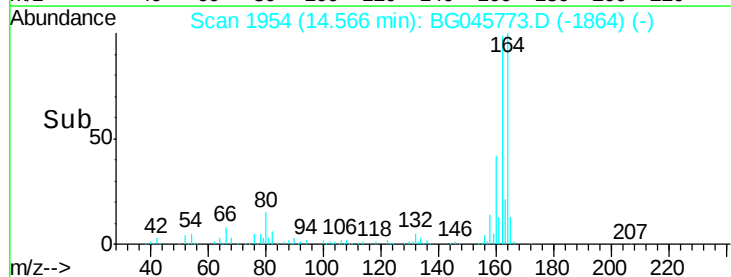
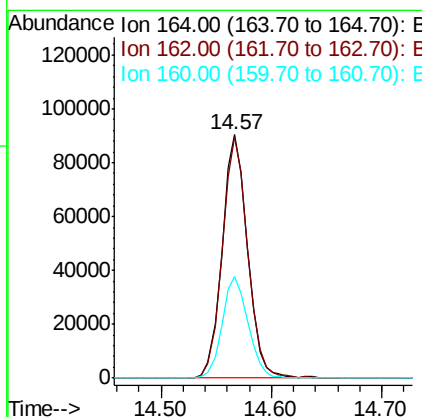
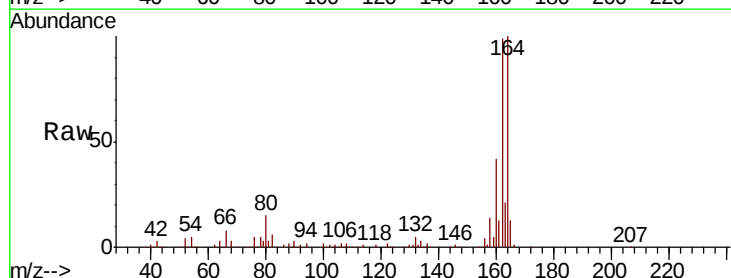
Instrument :
 BNA_G
 ClientSampled :
 PB129573BL

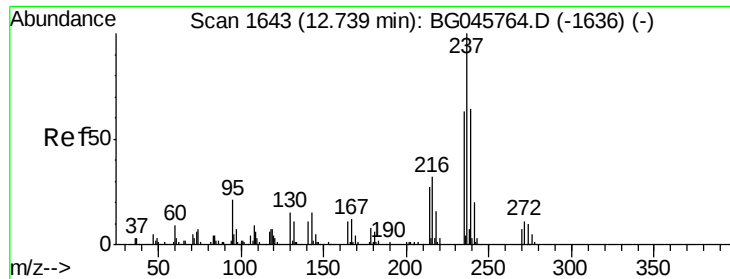
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	42.6	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.4	116.0
160	41.5	33.3	49.9





#41

Hexachlorocyclopentadiene

Concen: 8.462 ng

RT: 13.19 min Scan# 1719

Delta R.T. 0.45 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Instrument :

BNA_G

ClientSampleId :

PB129573BL

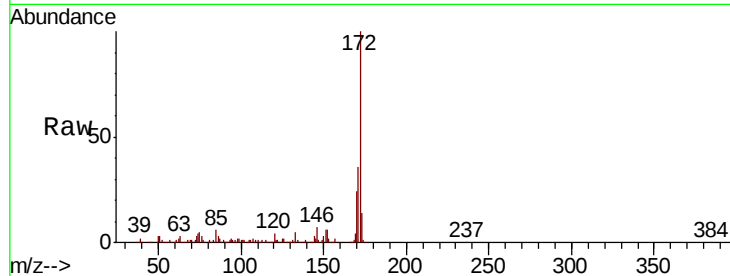
Tot Ion:237 Resp: 128

Ion Ratio Lower Upper

237 100

235 0.0 42.9 82.9#

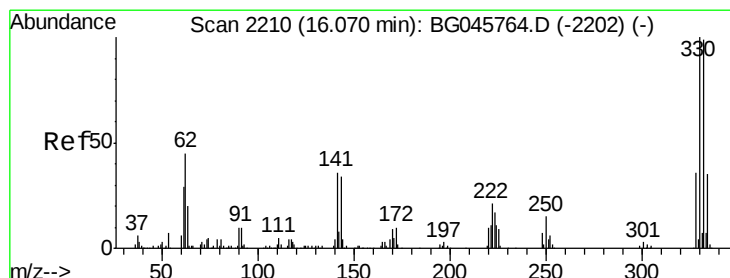
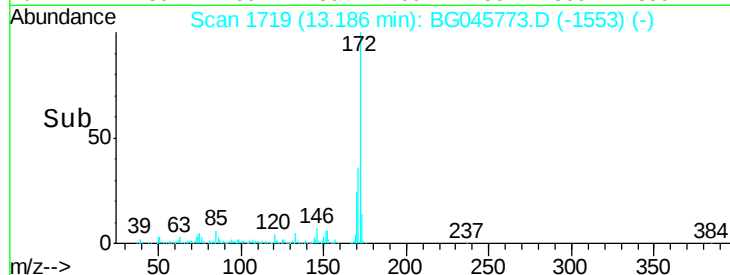
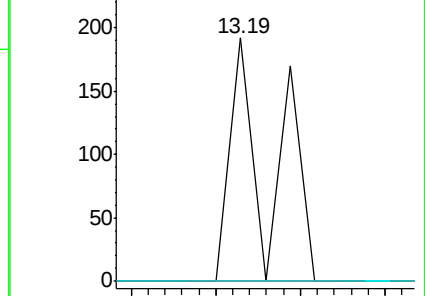
272 0.0 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.733 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

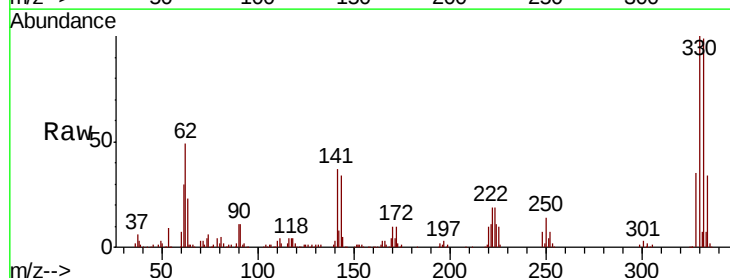
Tgt Ion:330 Resp: 296931

Ion Ratio Lower Upper

330 100

332 99.1 78.6 117.8

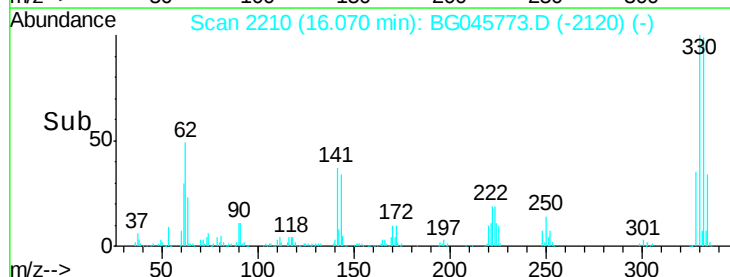
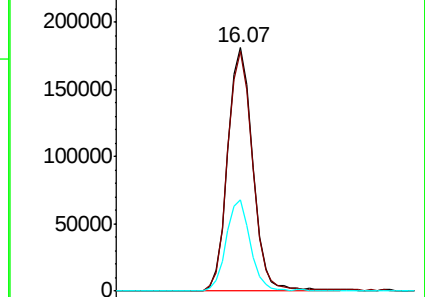
141 36.6 28.2 42.4

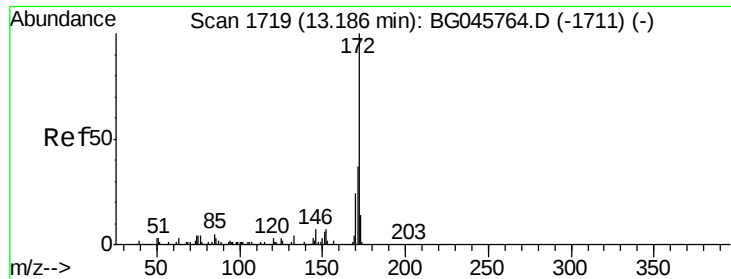


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

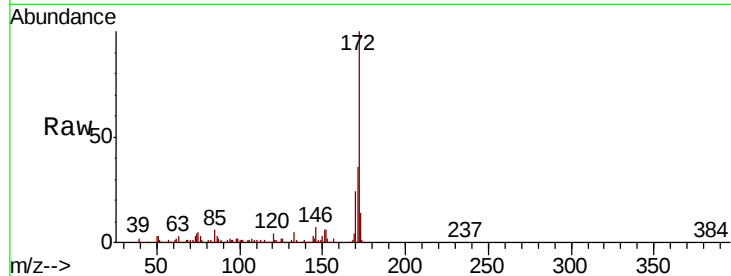




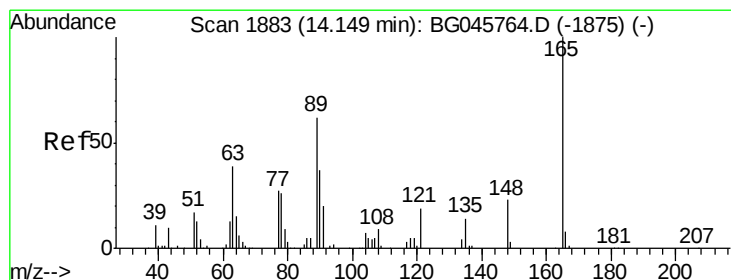
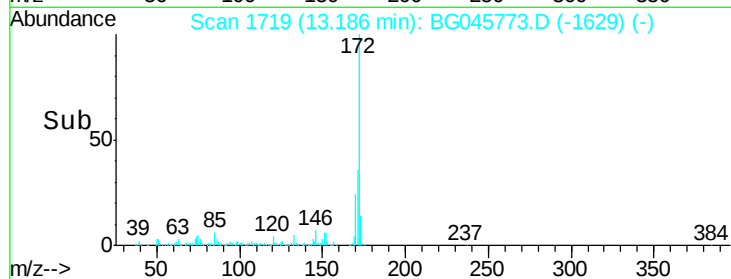
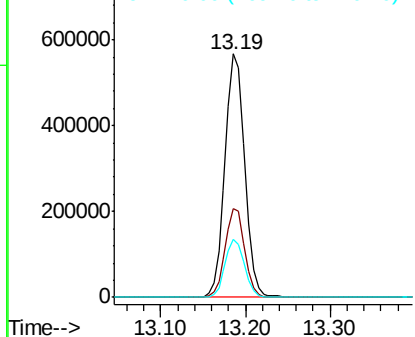
#45
2-Fluorobiphenyl
Concen: 93.006 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tot Ion:172 Resp: 917051
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.8 19.3 28.9

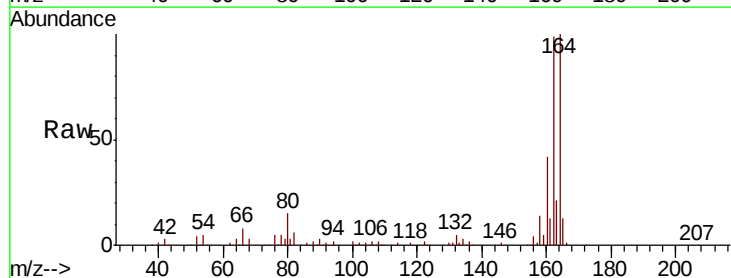


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

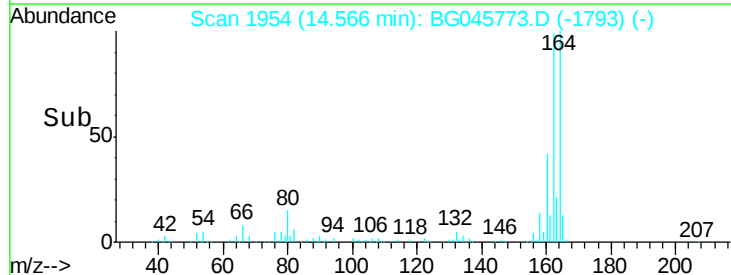
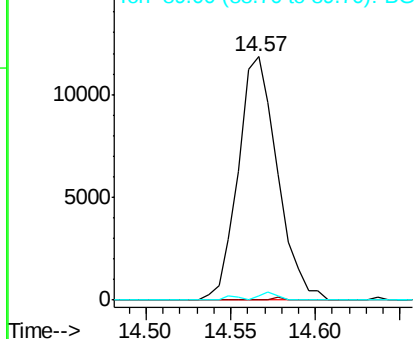


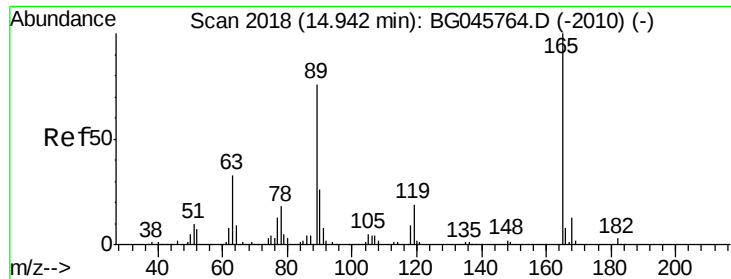
#51
2,6-Dinitrotoluene
Concen: 7.485 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:165 Resp: 19084
Ion Ratio Lower Upper
165 100
63 0.0 41.2 61.8#
89 1.9 49.7 74.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

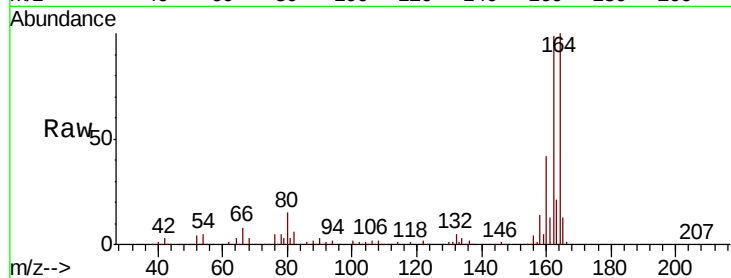




#57
 2,4-Dinitrotoluene
 Concen: 5.224 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.38 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB129573BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	1.9	60.4	90.6#
182	0.0	2.6	3.8#

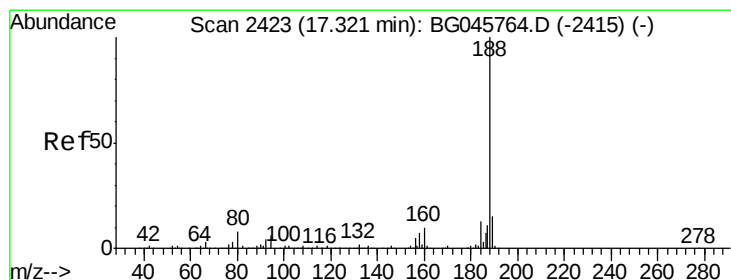
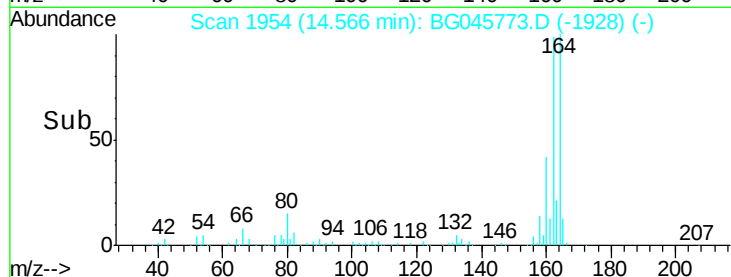
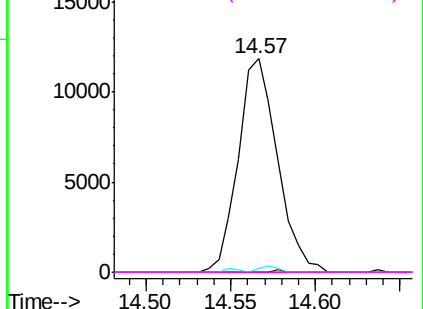


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

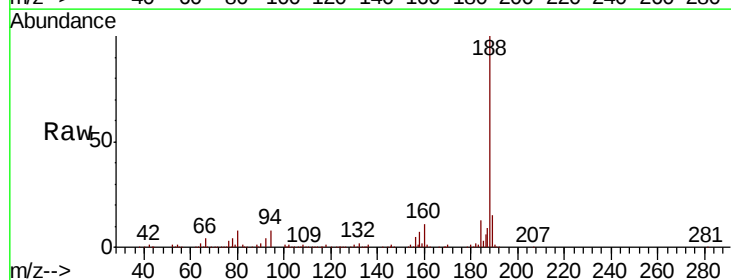
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG045773.D
 Acq: 16 Jun 2020 15:21

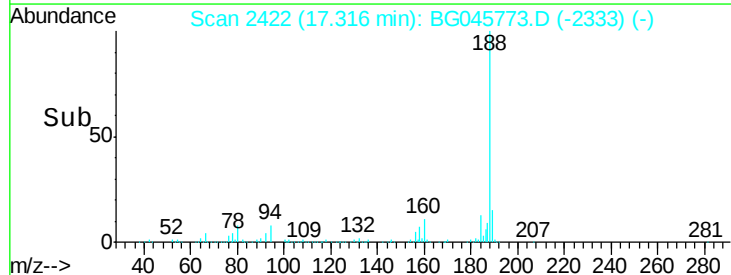
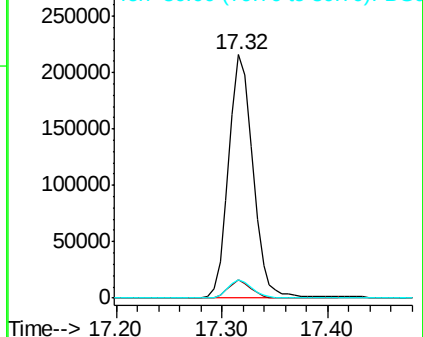
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.1	7.7
80	7.7	6.2	9.4

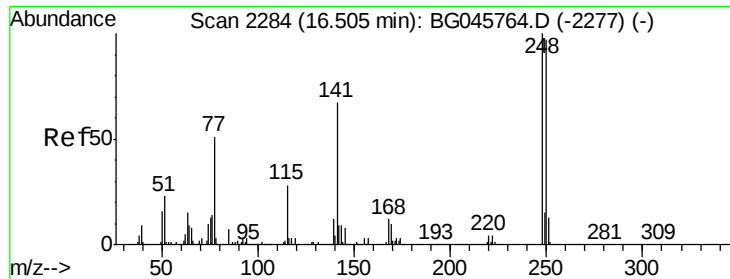


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

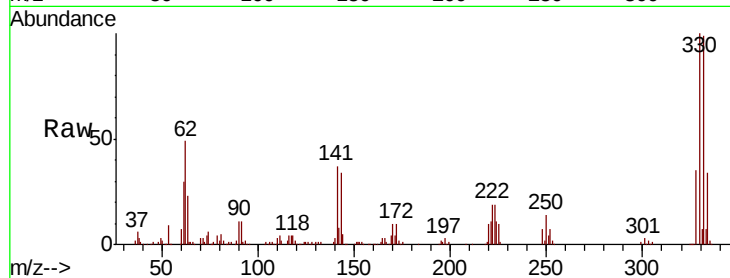




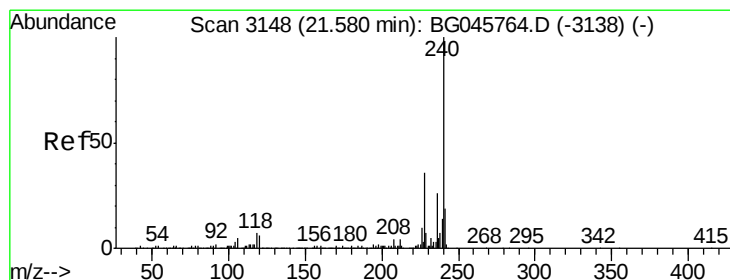
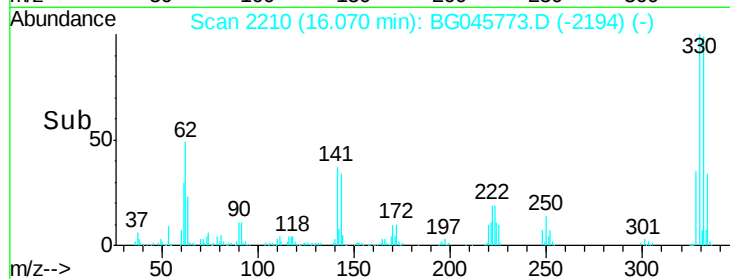
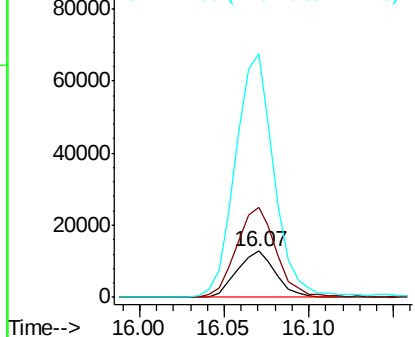
#67
4-Bromophenyl-phenylether
Concen: 4.572 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.43 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tot Ion:248 Resp: 20428
Ion Ratio Lower Upper
248 100
250 194.3 78.0 117.0#
141 528.9 53.9 80.9#

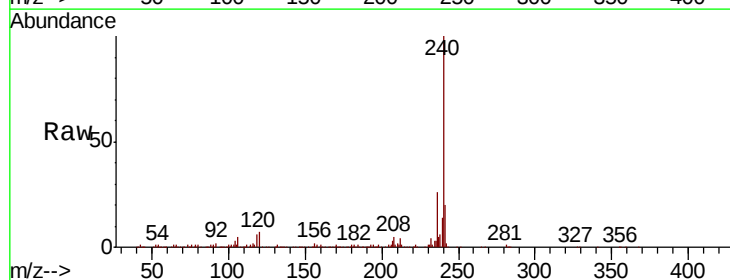


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

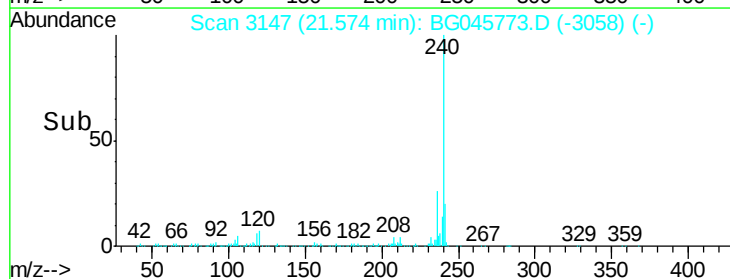
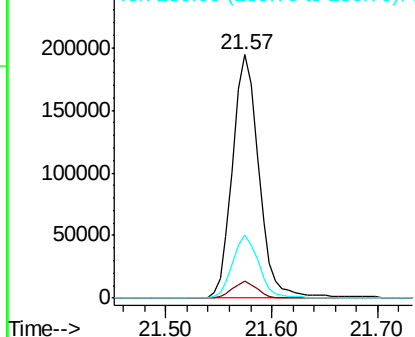


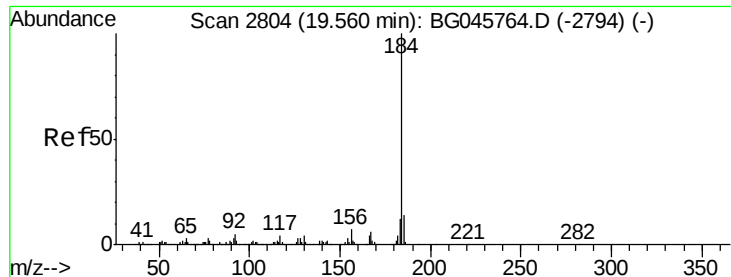
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Tgt Ion:240 Resp: 335886
Ion Ratio Lower Upper
240 100
120 6.9 5.0 7.4
236 25.7 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





#77

Benzidine

Concen: 3.780 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

Instrument :

BNA_G

ClientSampleId :

PB129573BL

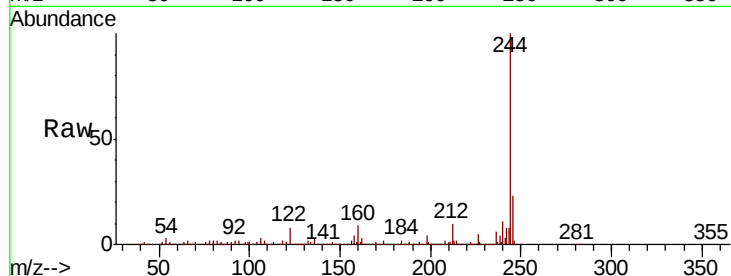
Tot Ion:184 Resp: 33007

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

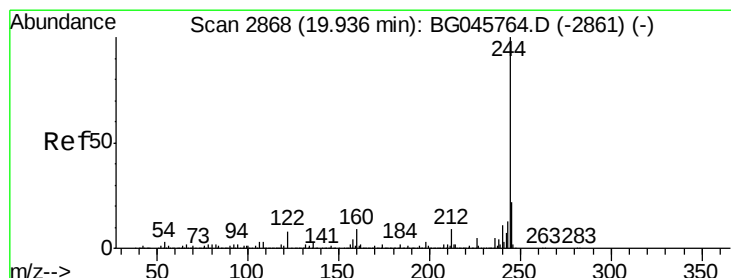
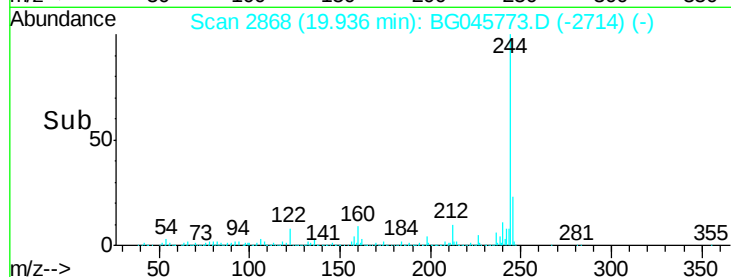
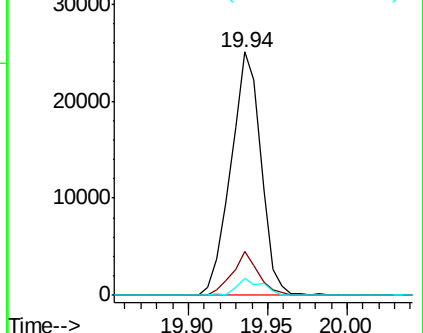
183 7.0 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 100.823 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045773.D

Acq: 16 Jun 2020 15:21

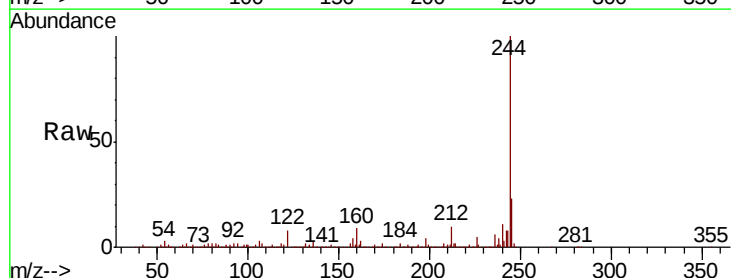
Tgt Ion:244 Resp: 1671030

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

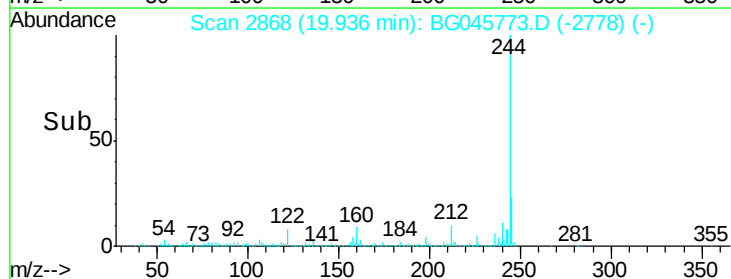
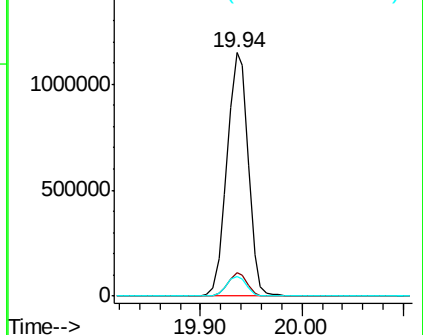
122 8.3 6.4 9.6

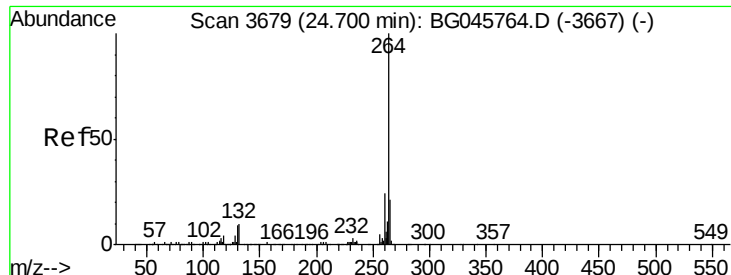


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045773.D
Acq: 16 Jun 2020 15:21

Instrument :
BNA_G
ClientSampleId :
PB129573BL

Tot Ion:264	Resp:	351007
Ion	Ratio	Lower Upper
264	100	
260	22.9	19.0 28.4
265	19.7	17.4 26.0

