

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
 Data File : BG045873.D
 Acq On : 26 Jun 2020 14:42
 Operator : CG/JU
 Sample : L3094-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2020-06-22-FD04

Quant Time: Jun 26 15:23:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

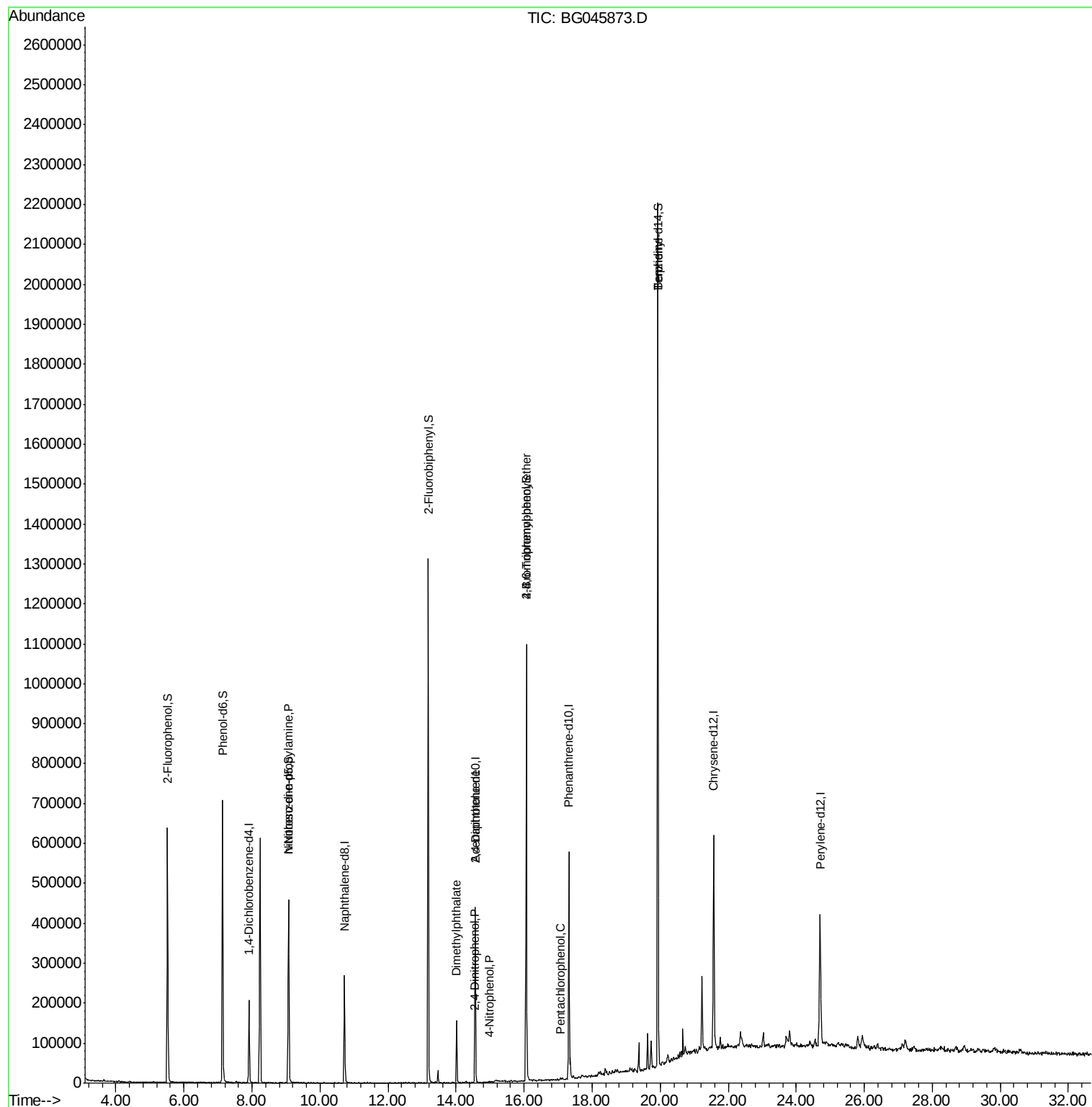
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	60021	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	239373	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	163327	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	374024	20.00	ng	0.00
76) Chrysene-d12	21.58	240	331199	20.00	ng	0.00
86) Perylene-d12	24.69	264	359976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	318237	89.56	ng	0.00
7) Phenol-d6	7.14	99	461726	85.43	ng	0.00
23) Nitrobenzene-d5	9.07	82	315499	60.21	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	223015	90.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	712499	64.11	ng	0.00
79) Terphenyl-d14	19.94	244	1100759	67.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.07	70	43037	12.112	ng	# 82
50) Dimethylphthalate	14.01	163	104885	8.197	ng	# 99
54) 2,4-Dinitrophenol	14.54	184	54	9.855	ng	# 17
56) 4-Nitrophenol	14.97	139	378	4.148	ng	# 17
57) 2,4-Dinitrotoluene	14.56	165	21328	5.180	ng	# 24
67) 4-Bromophenyl-phenylether	16.06	248	14768	3.039	ng	# 1
70) Pentachlorophenol	17.06	266	56	7.653	ng	# 17
77) Benzidine	19.93	184	21264	2.470	ng	# 91

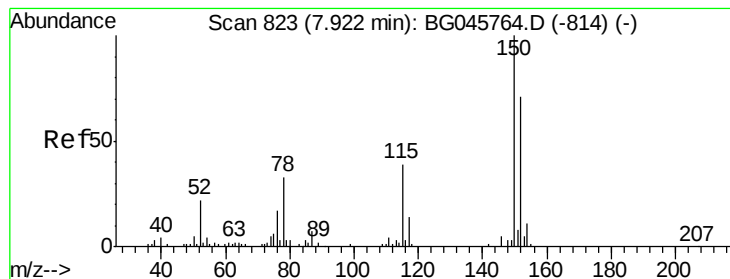
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
Data File : BG045873.D
Acq On : 26 Jun 2020 14:42
Operator : CG/JU
Sample : L3094-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

Quant Time: Jun 26 15:23:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration



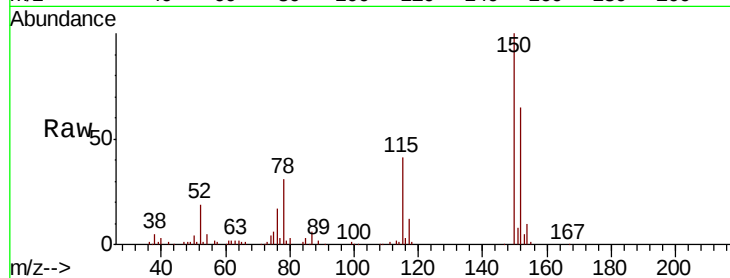


#1

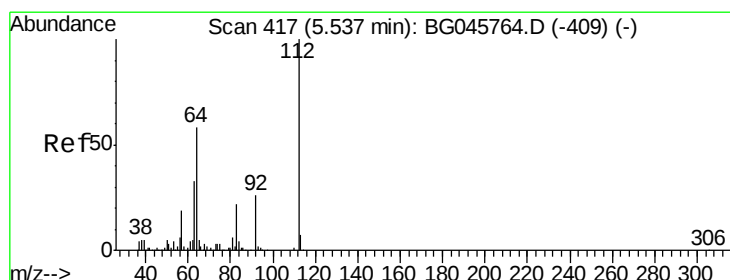
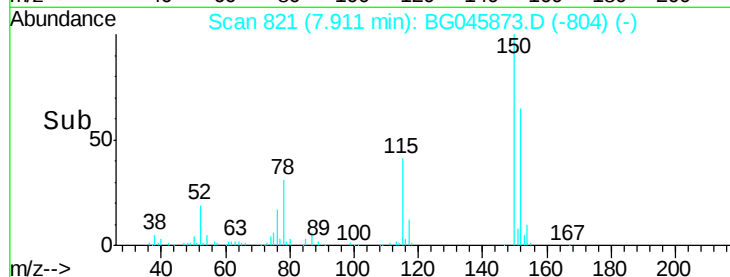
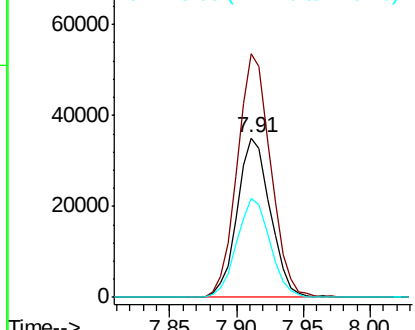
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	113.1	169.7
115	62.0	43.8	65.6



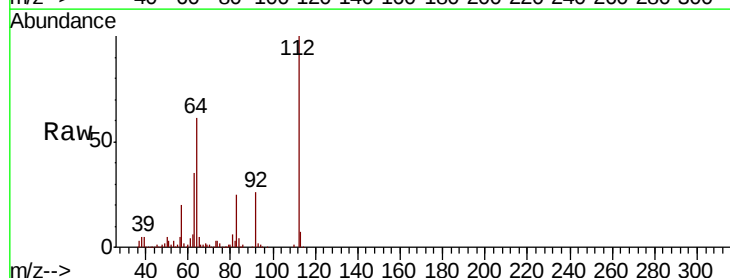
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



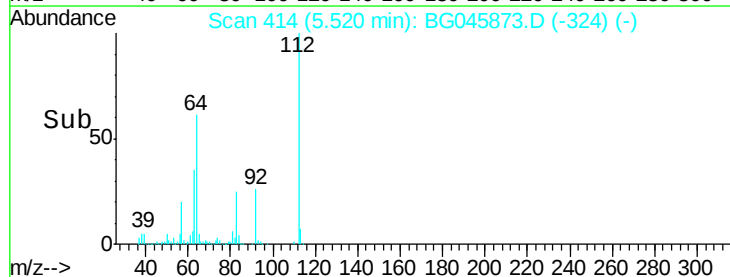
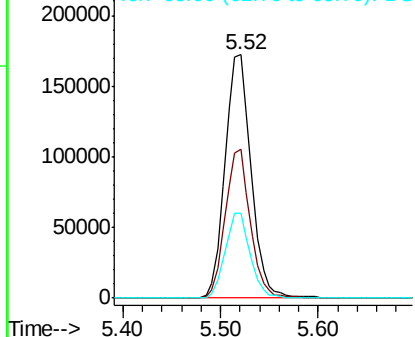
#5

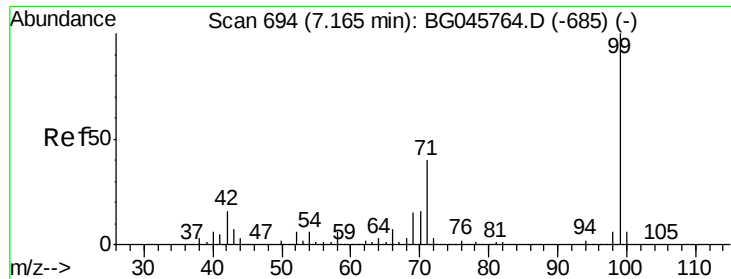
2-Fluorophenol
Concen: 89.565 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.6	69.8
63	35.0	26.3	39.5



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: 85.431 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045873.D

Acq: 26 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

2020-06-22-FD04

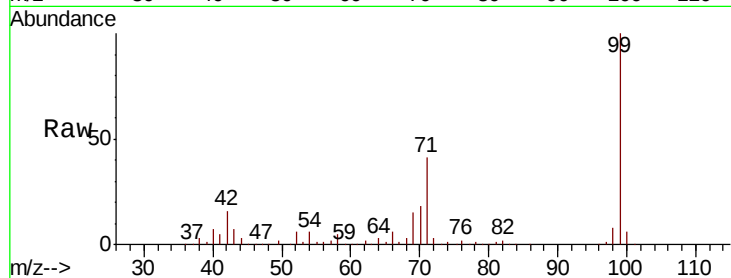
Tot Ion: 99 Resp: 461726

Ion Ratio Lower Upper

99 100

42 16.1 12.4 18.6

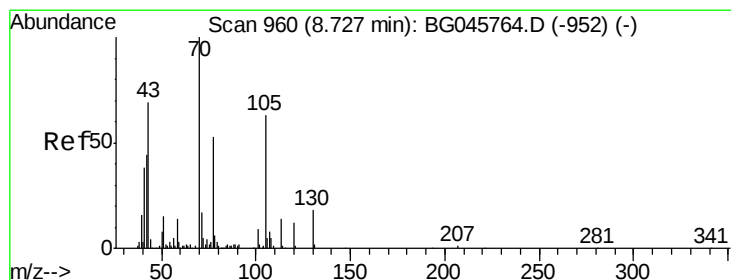
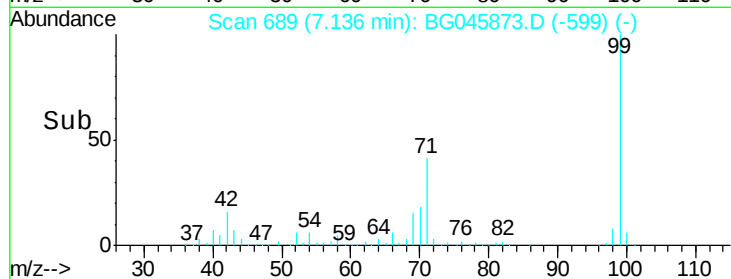
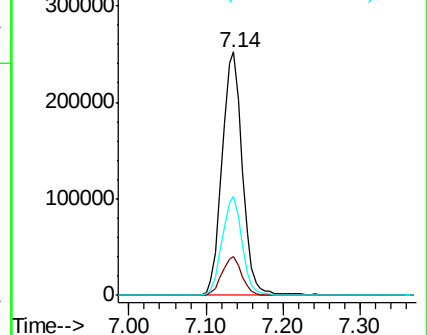
71 40.9 32.1 48.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.112 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.35 min

Lab File: BG045873.D

Acq: 26 Jun 2020 14:42

Tgt Ion: 70 Resp: 43037

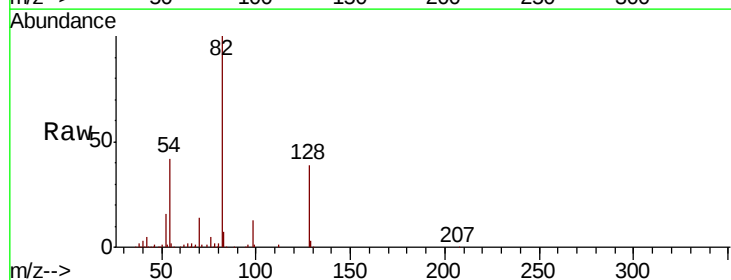
Ion Ratio Lower Upper

70 100

42 38.1 35.1 52.7

101 0.0 7.4 11.0#

130 2.0 14.6 21.8#

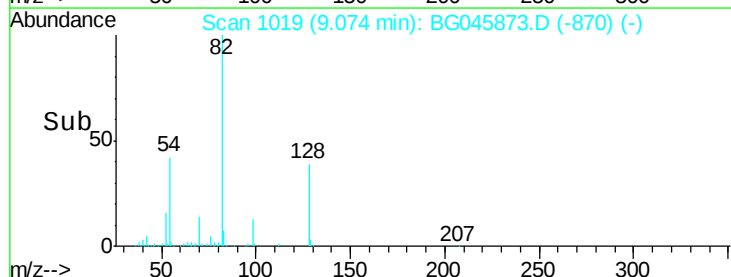
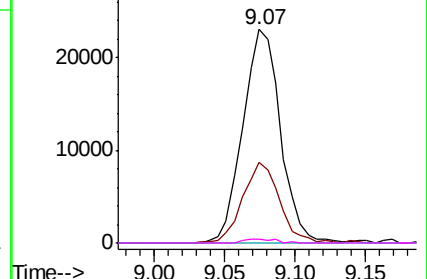


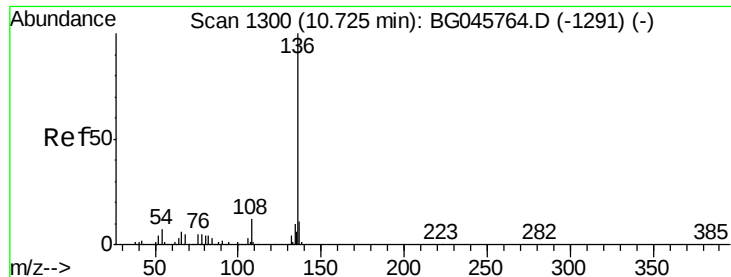
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

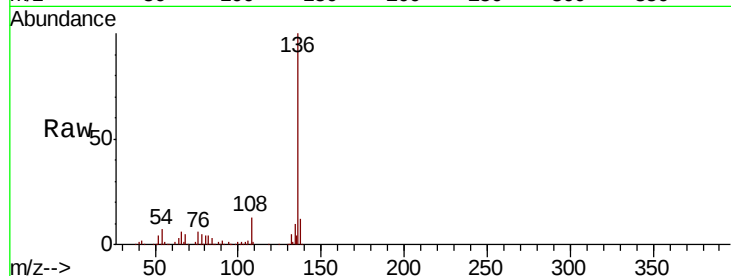




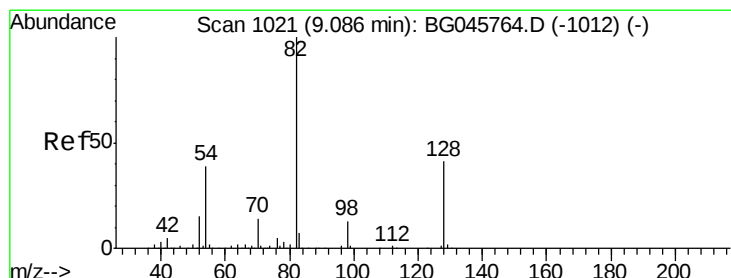
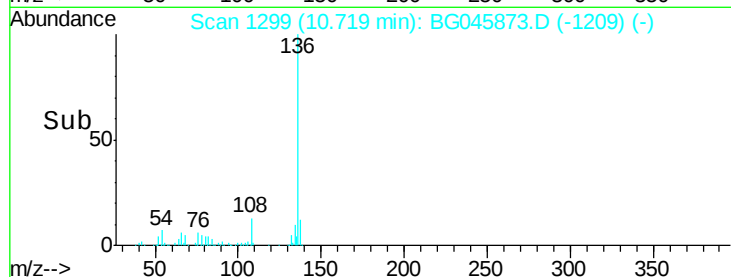
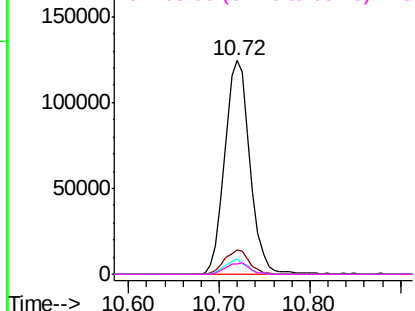
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

Tot Ion:136	Resp:	239373
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.7	13.1
54 7.0	5.8	8.6
68 5.0	4.0	6.0

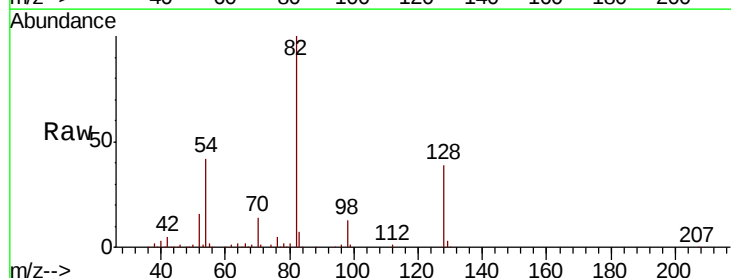


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

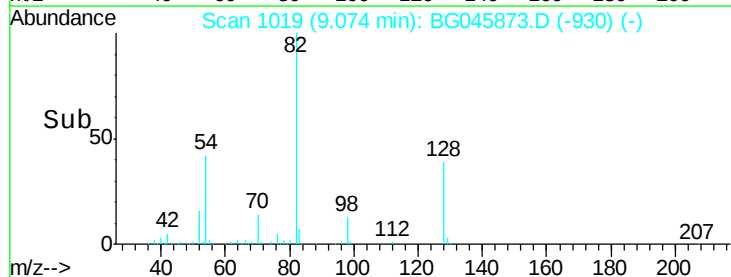
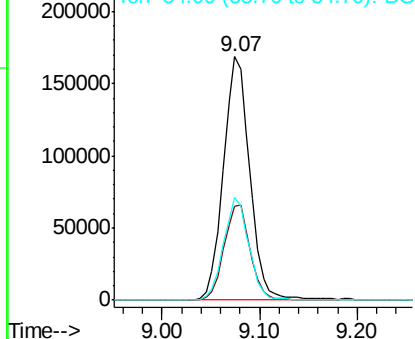


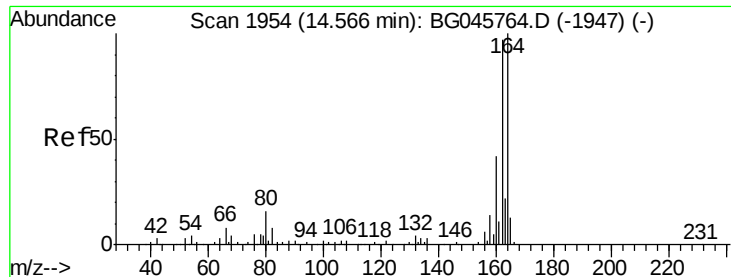
#23
Nitrobenzene-d5
Concen: 60.212 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Tgt Ion: 82	Resp: 315499
Ion Ratio	Lower Upper
82 100	
128 38.6	32.5 48.7
54 42.5	31.2 46.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045873.D

Acq: 26 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

2020-06-22-FD04

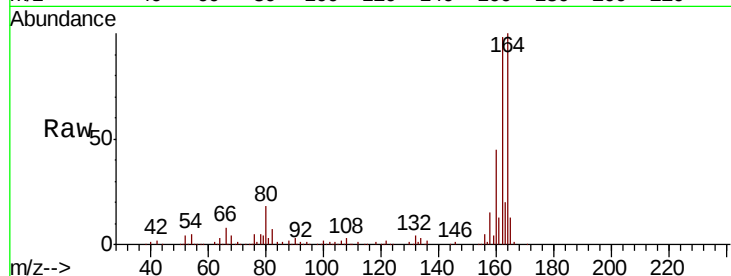
Tot Ion:164 Resp: 163327

Ion Ratio Lower Upper

164 100

162 98.0 77.4 116.0

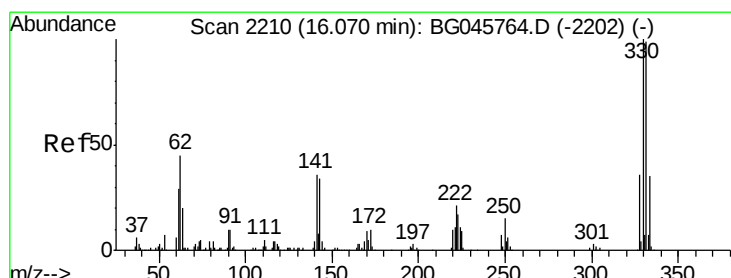
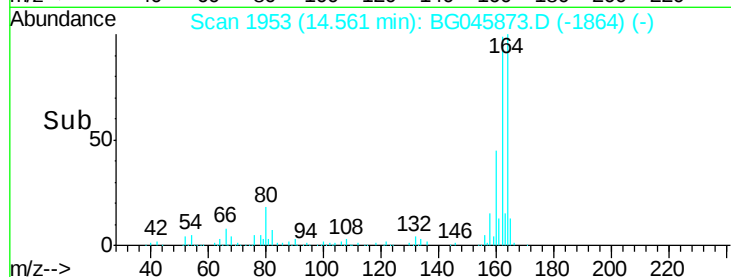
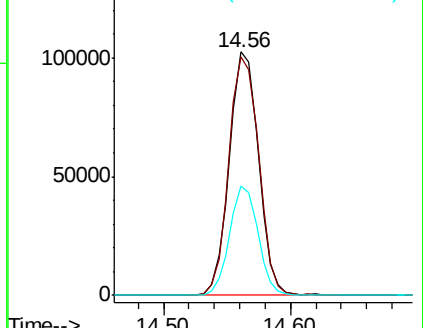
160 44.7 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 90.443 ng

RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG045873.D

Acq: 26 Jun 2020 14:42

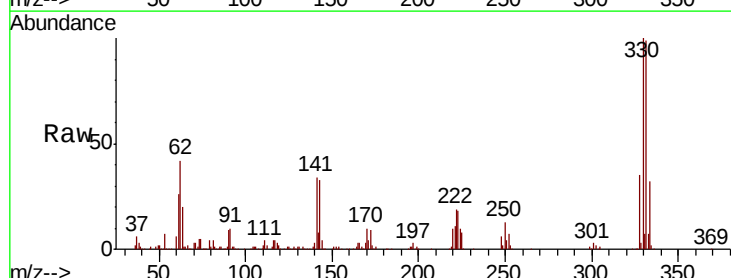
Tgt Ion:330 Resp: 223015

Ion Ratio Lower Upper

330 100

332 98.2 78.6 117.8

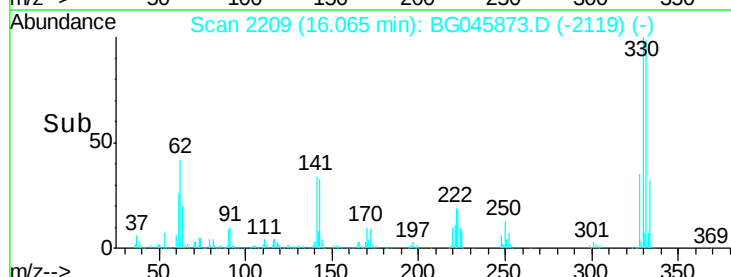
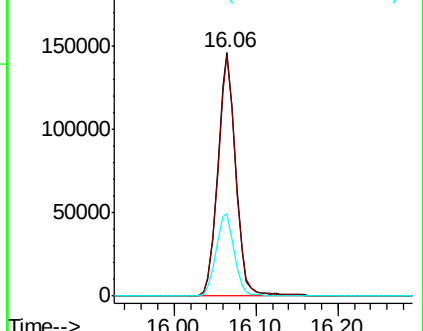
141 35.0 28.2 42.4

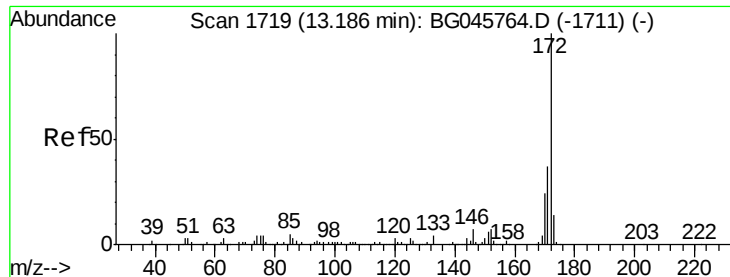


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

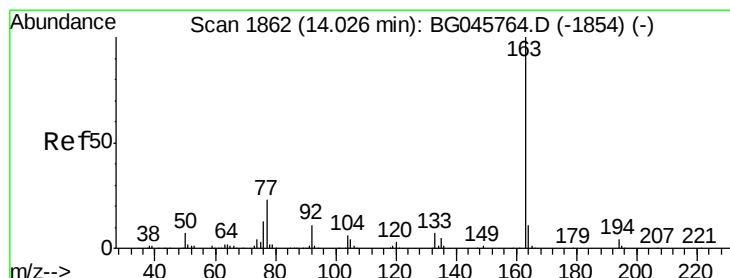
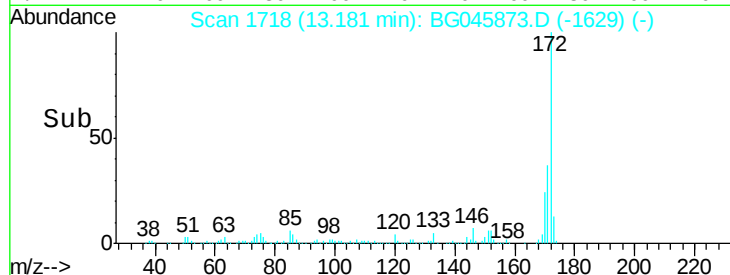
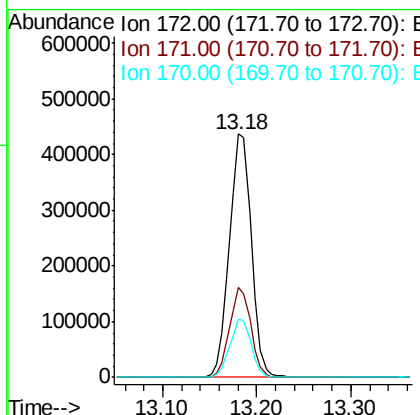
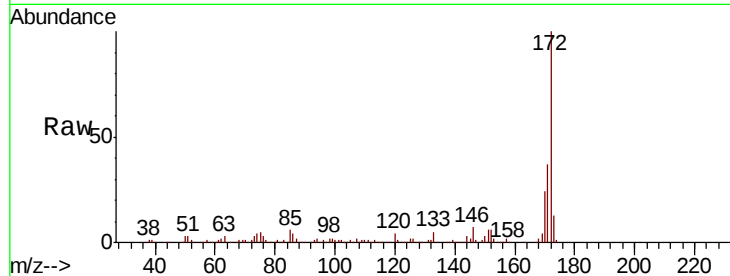




#45
2-Fluorobiphenyl
Concen: 64.108 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

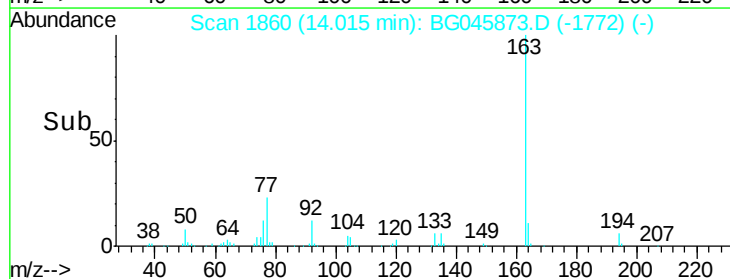
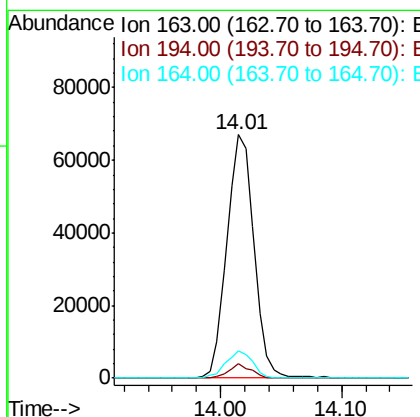
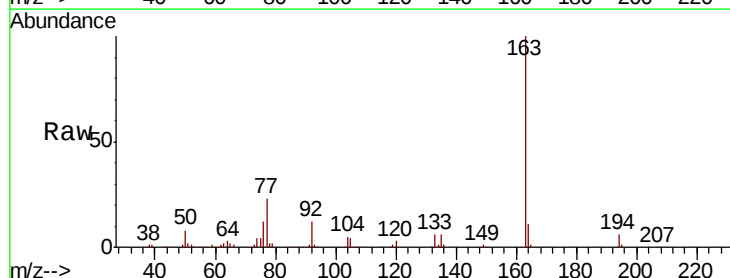
Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

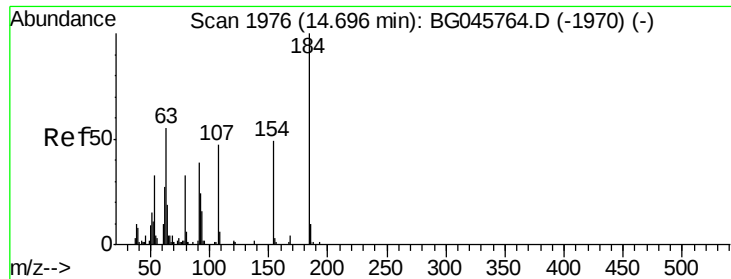
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.0	19.3	28.9



#50
Dimethylphthalate
Concen: 8.197 ng
RT: 14.01 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.4	5.0#
164	11.1	8.9	13.3

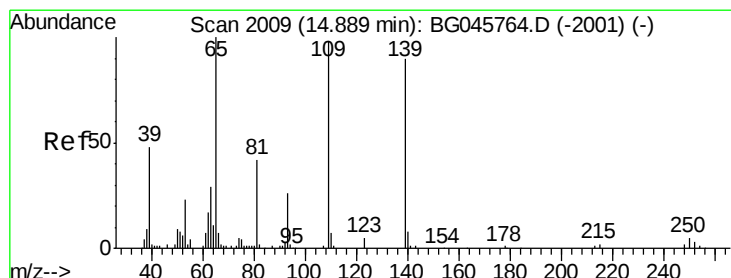
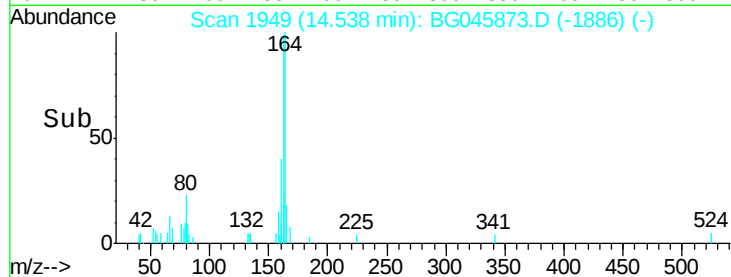
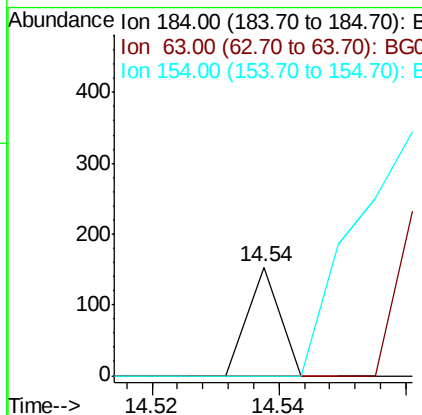
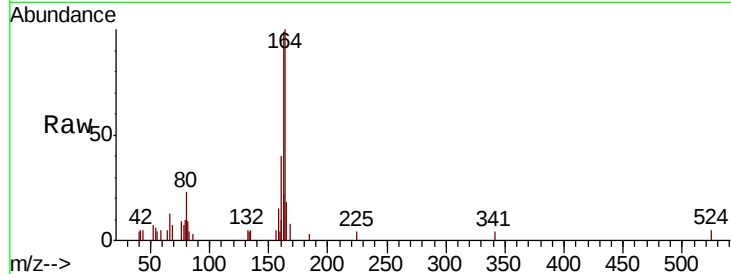




#54
 2,4-Dinitrophenol
 Concen: 9.855 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.16 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

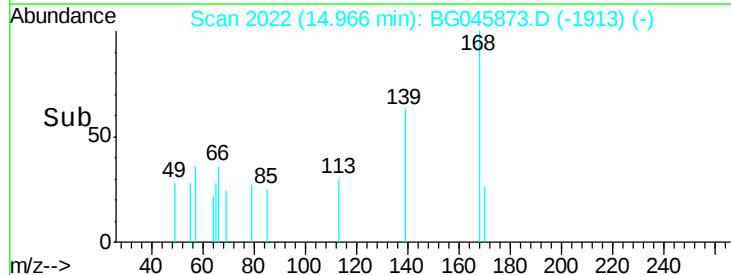
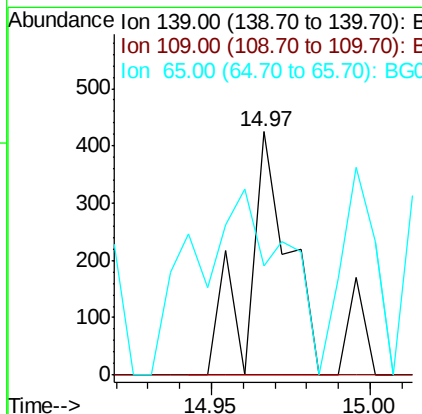
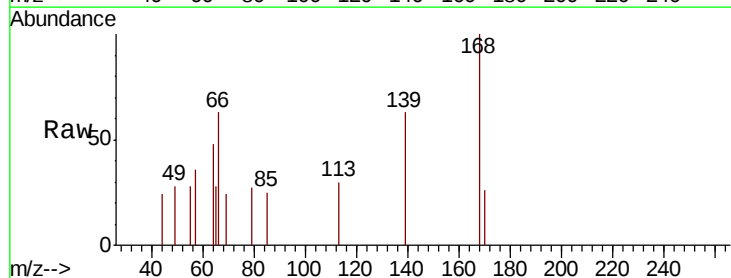
Instrument :
 BNA_G
 ClientSampleId :
 2020-06-22-FD04

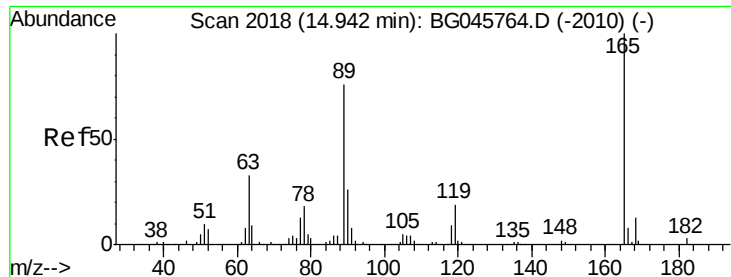
Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 46.6 70.0#
 154 0.0 58.6 87.8#



#56
 4-Nitrophenol
 Concen: 4.148 ng
 RT: 14.97 min Scan# 2022
 Delta R.T. 0.11 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

Tgt Ion:139 Resp: 378
 Ion Ratio Lower Upper
 139 100
 109 0.0 88.9 128.9#
 65 44.9 92.3 132.3#

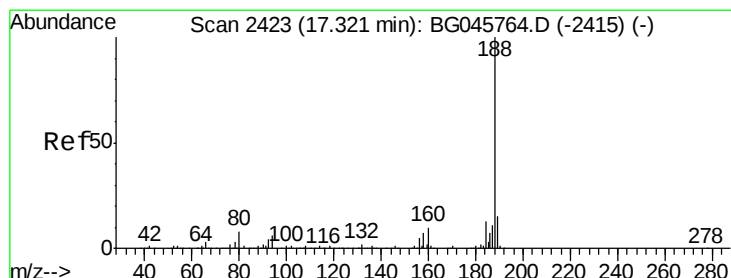
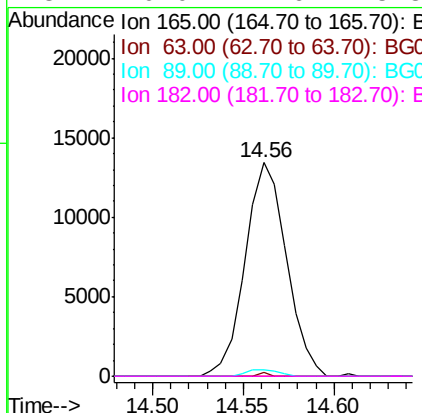
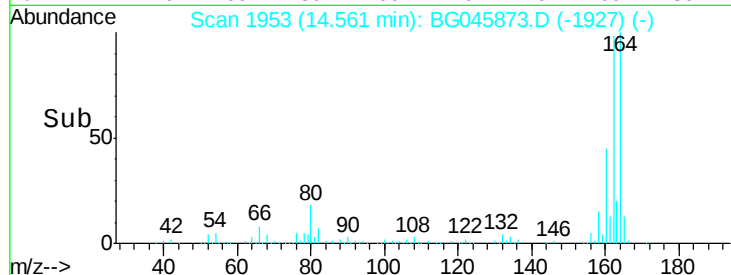
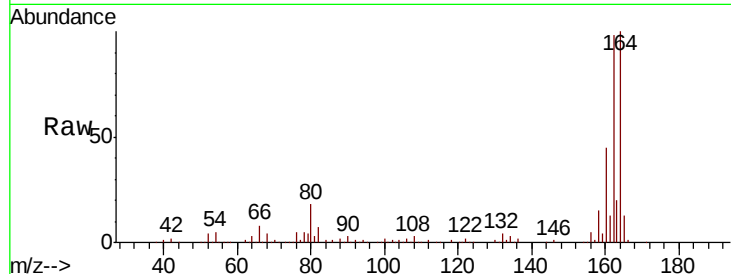




#57
 2,4-Dinitrotoluene
 Concen: 5.180 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.37 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

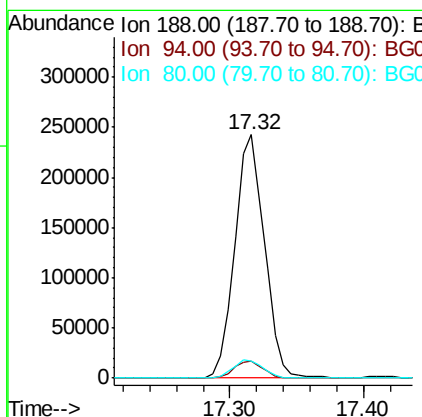
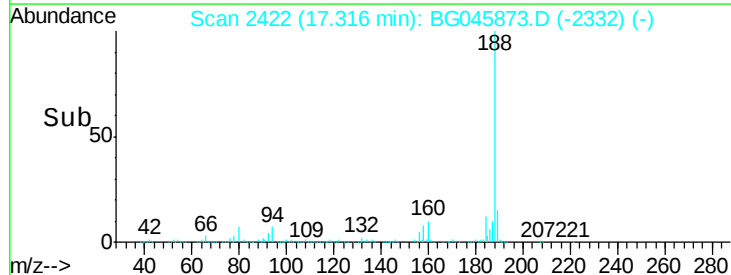
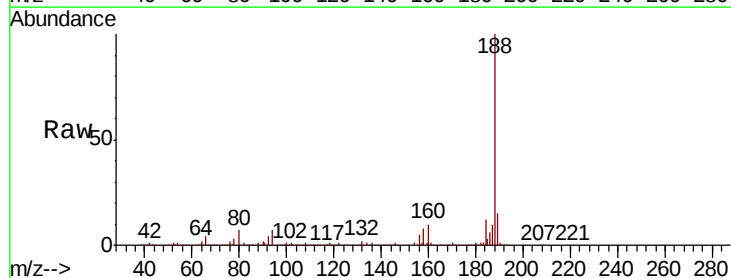
Instrument :
 BNA_G
 ClientSampleId :
 2020-06-22-FD04

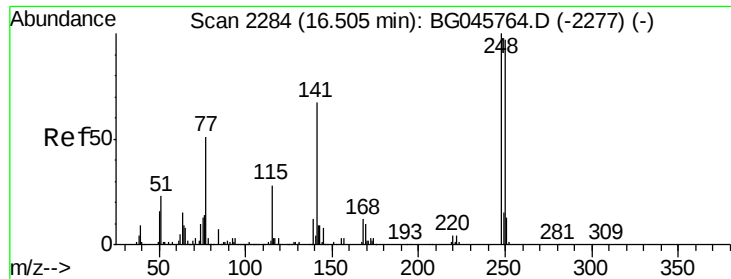
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	2.8	60.4	90.6#
182	0.0	2.6	3.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	7.2	6.2	9.4

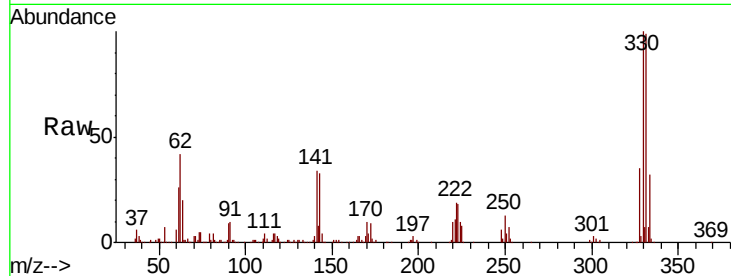




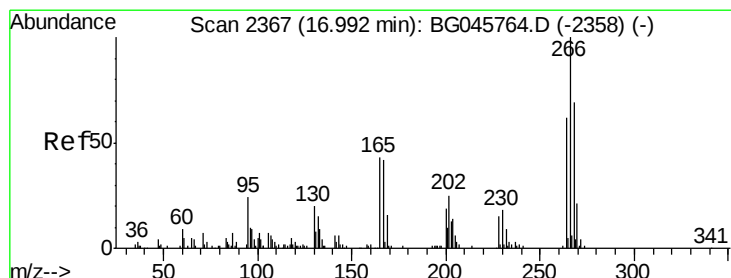
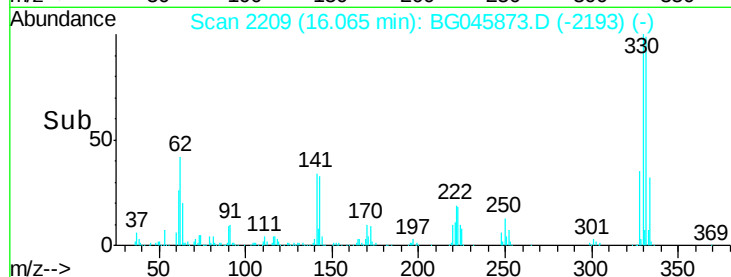
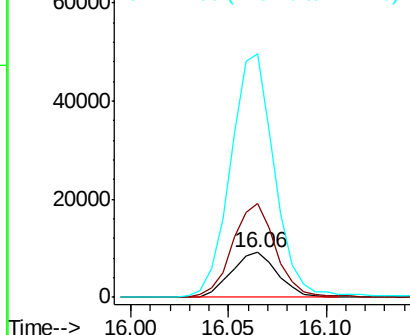
#67
4-Bromophenyl-phenylether
Concen: 3.039 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.43 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

Tot Ion:248 Resp: 14768
Ion Ratio Lower Upper
248 100
250 210.7 78.0 117.0#
141 545.8 53.9 80.9#

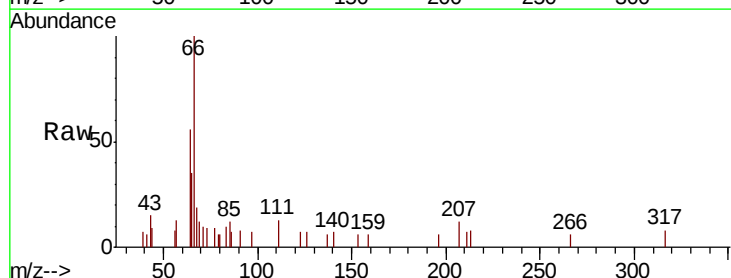


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

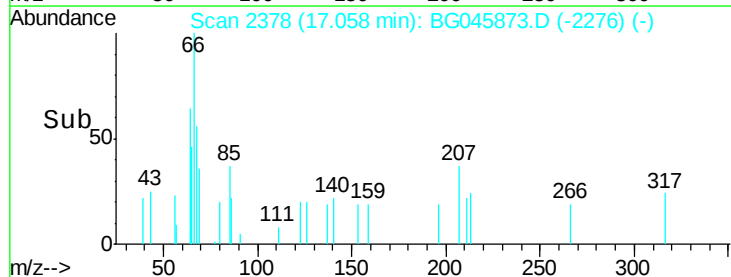
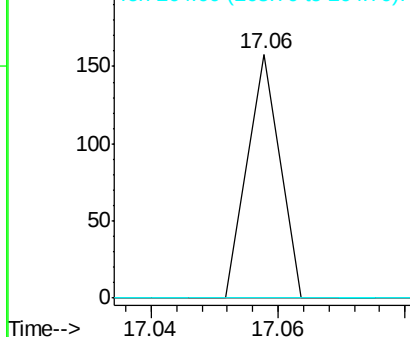


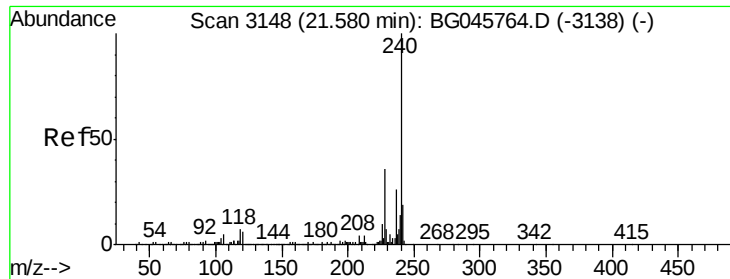
#70
Pentachlorophenol
Concen: 7.653 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.07 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
268 0.0 55.4 83.0#
264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

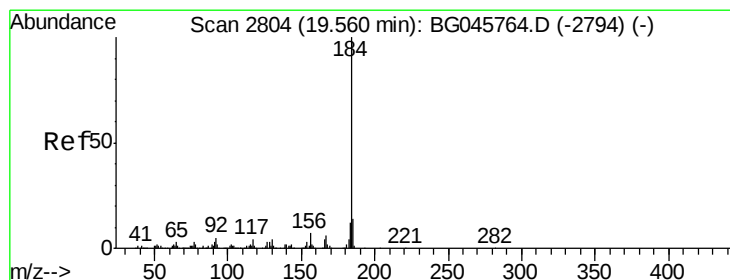
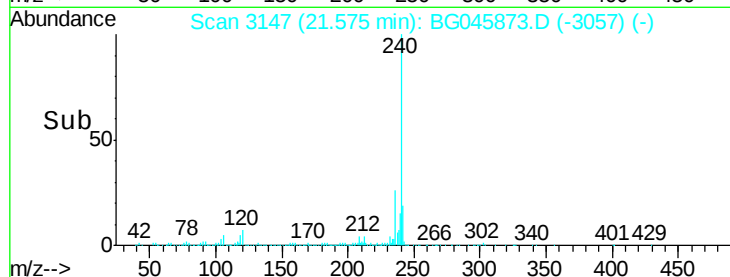
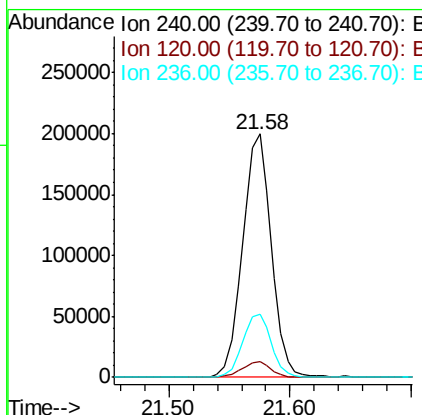
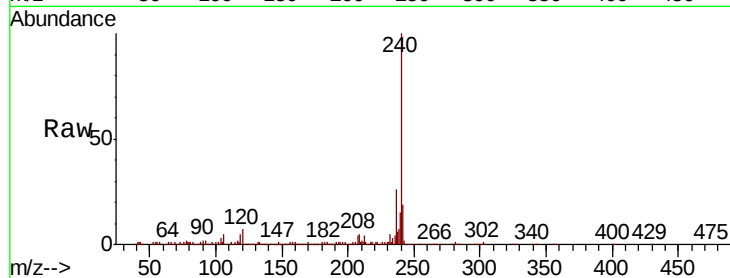




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

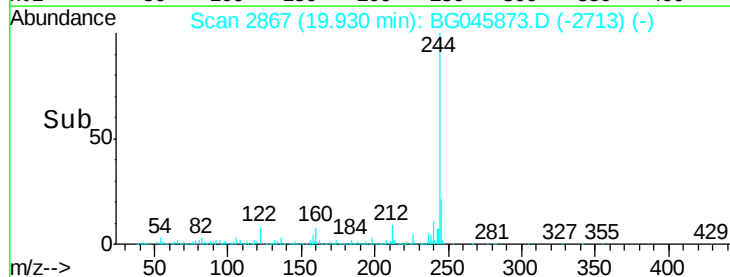
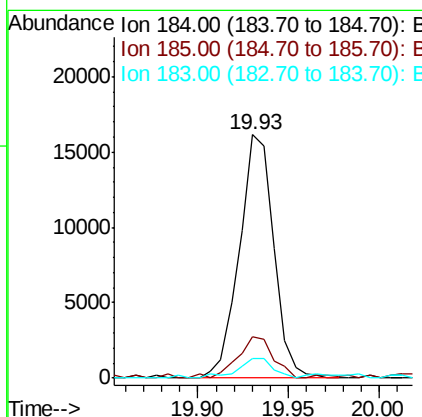
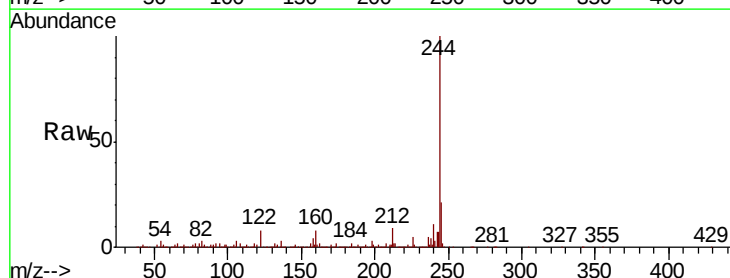
Instrument :
BNA_G
ClientSampleId :
2020-06-22-FD04

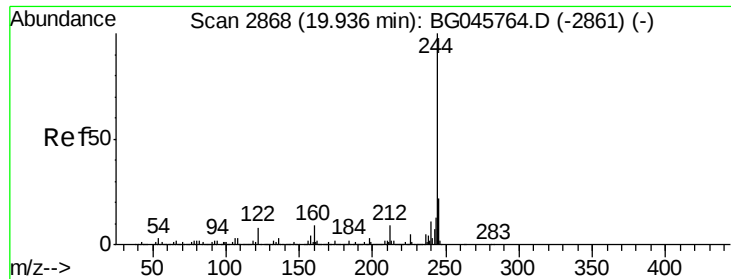
Tot Ion:240 Resp: 331199
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 26.1 20.6 30.8



#77
Benzidine
Concen: 2.470 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.38 min
Lab File: BG045873.D
Acq: 26 Jun 2020 14:42

Tgt Ion:184 Resp: 21264
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 8.0 9.7 14.5#

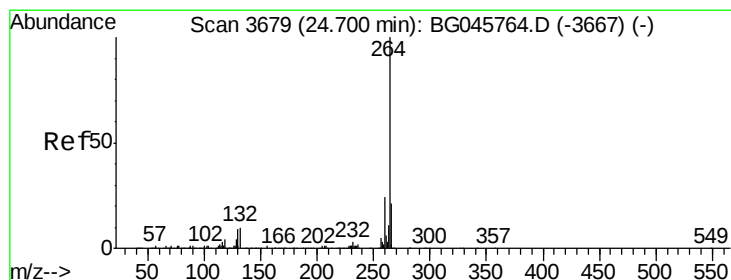
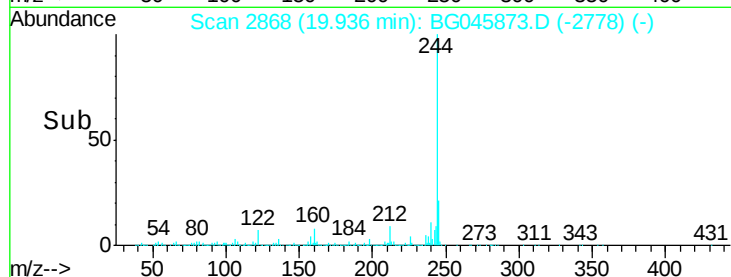
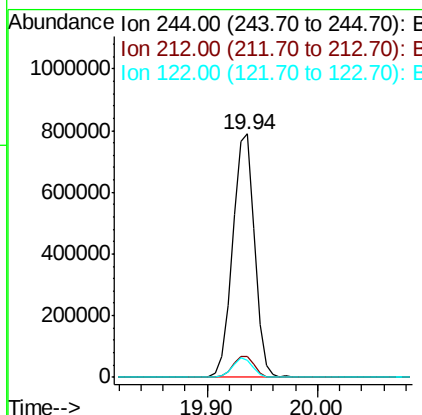
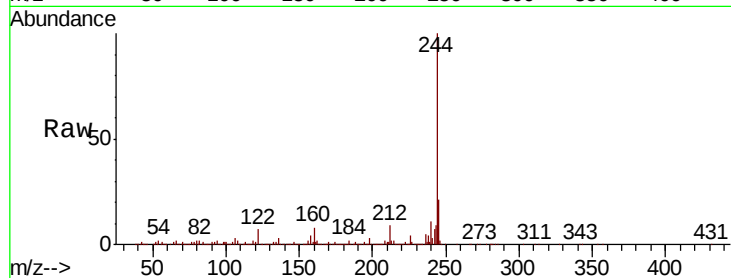




#79
 Terphenyl-d14
 Concen: 67.355 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

Instrument :
 BNA_G
 ClientSampleId :
 2020-06-22-FD04

Tot Ion:244 Resp: 1100759
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.2 10.8
 122 7.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.69 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG045873.D
 Acq: 26 Jun 2020 14:42

Tgt Ion:264 Resp: 359976
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.2 17.4 26.0

