

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
 Data File : BG045900.D
 Acq On : 1 Jul 2020 11:03
 Operator : CG/JU
 Sample : L3153-26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 14:01:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:54:49 2020
 Response via : Initial Calibration

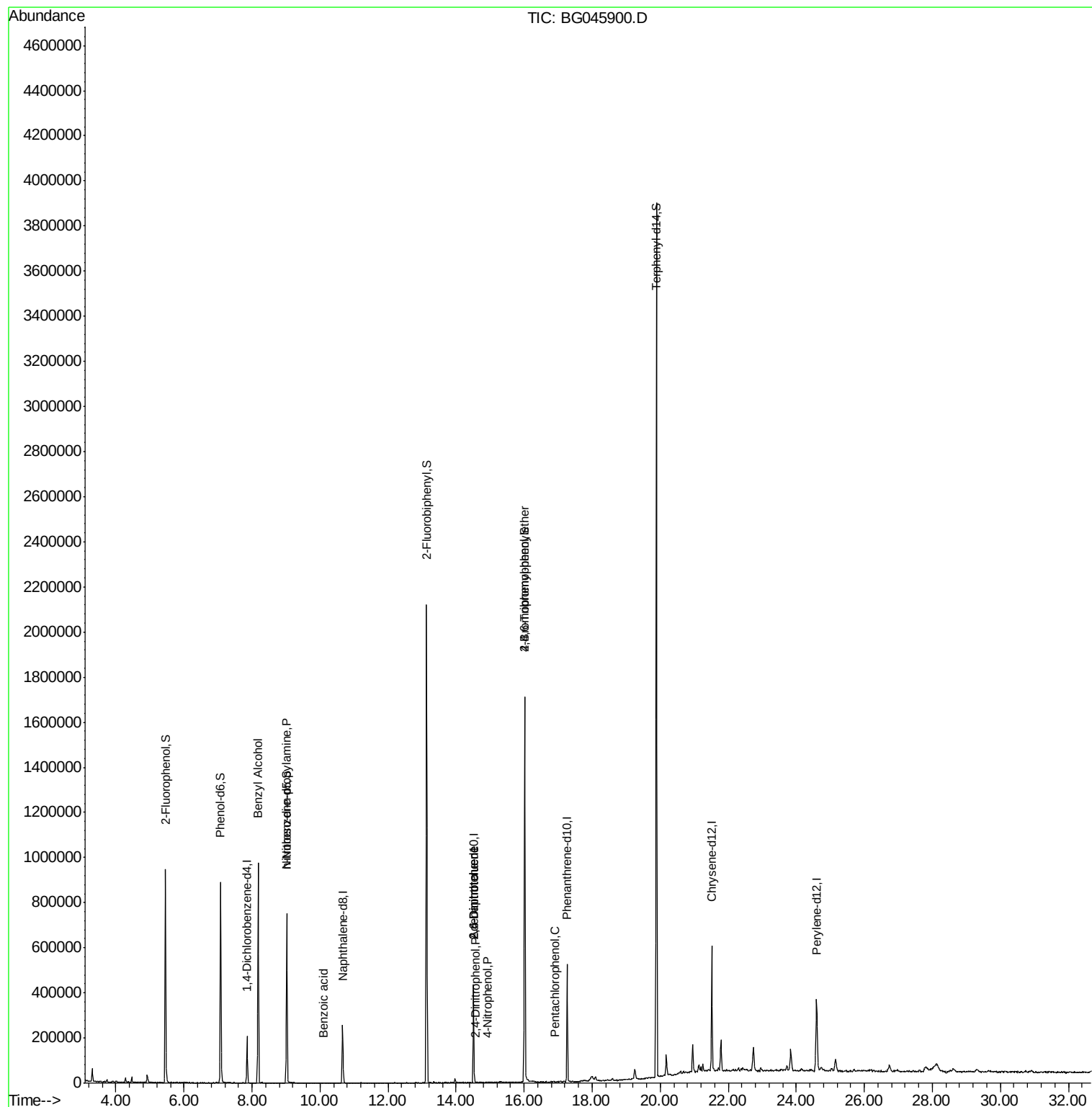
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	60862	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	222283	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	156299	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	341425	20.00	ng	0.00
76) Chrysene-d12	21.52	240	334451	20.00	ng	0.00
86) Perylene-d12	24.59	264	340414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	444666	123.42	ng	0.00
7) Phenol-d6	7.08	99	562766	102.69	ng	0.00
23) Nitrobenzene-d5	9.02	82	498223	102.39	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	349927	148.29	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1107080	104.09	ng	0.00
79) Terphenyl-d14	19.89	244	1771495	107.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.18	79	9526	2.246	ng	# 68
19) n-Nitroso-di-n-propylamine	9.02	70	71652	19.887	ng	# 81
32) Benzoic acid	10.10	122	55	8.999	ng	# 1
51) 2,6-Dinitrotoluene	14.51	165	20712	7.531	ng	# 20
54) 2,4-Dinitrophenol	14.57	184	55	9.857	ng	# 1
56) 4-Nitrophenol	14.92	139	75	4.009	ng	# 44
57) 2,4-Dinitrotoluene	14.51	165	20712	5.256	ng	# 21
67) 4-Bromophenyl-phenylether	16.01	248	24423	5.505	ng	# 1
70) Pentachlorophenol	16.92	266	57	7.655	ng	# 19

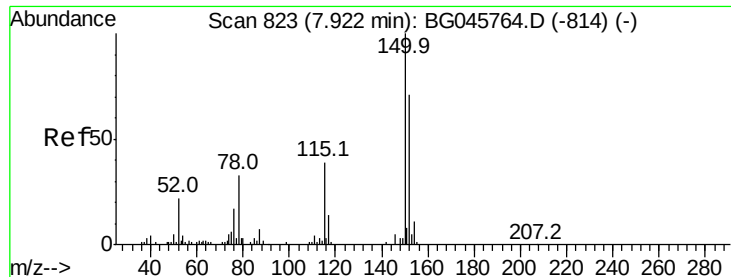
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070120\
Data File : BG045900.D
Acq On : 1 Jul 2020 11:03
Operator : CG/JU
Sample : L3153-26
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-F

Quant Time: Jul 01 14:01:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:54:49 2020
Response via : Initial Calibration



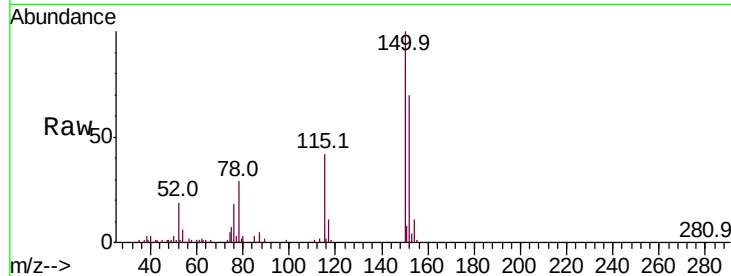


#1

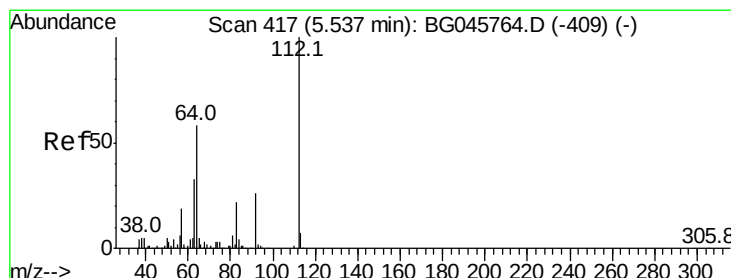
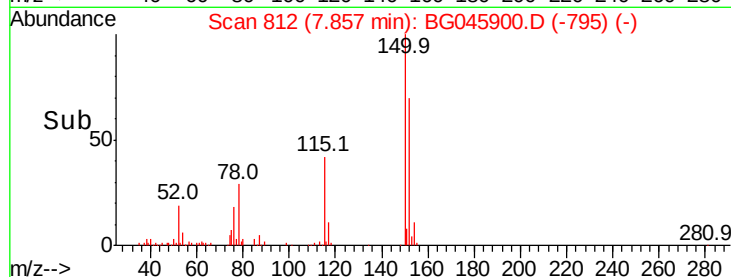
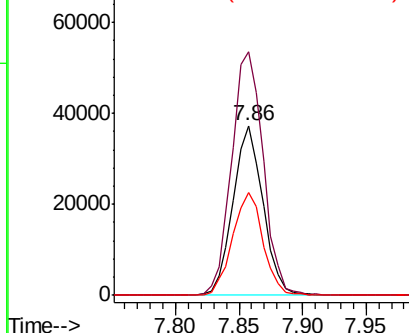
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	121.2	181.8
115	60.5	47.5	71.3



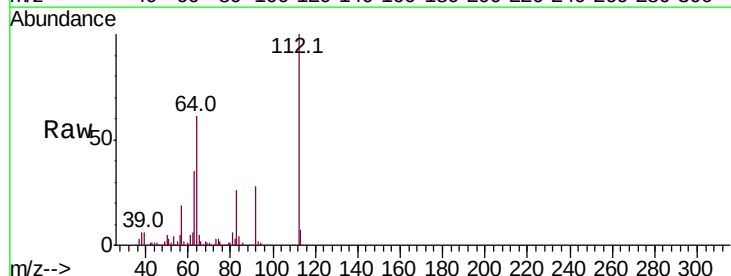
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



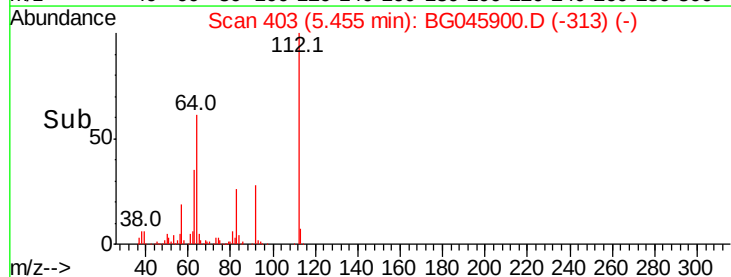
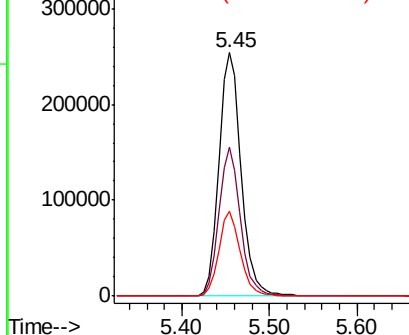
#5

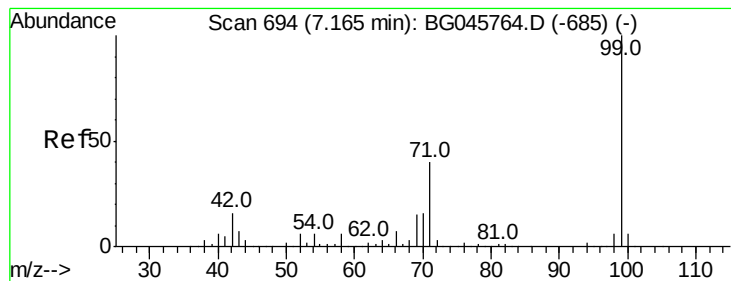
2-Fluorophenol
Concen: 123.418 ng
RT: 5.45 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.5	72.7
63	35.0	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: 102.687 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

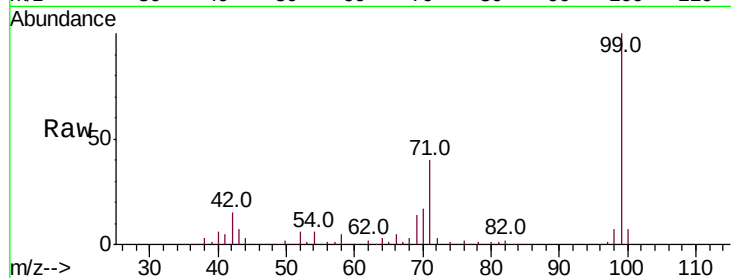
Tot Ion: 99 Resp: 562766

Ion Ratio Lower Upper

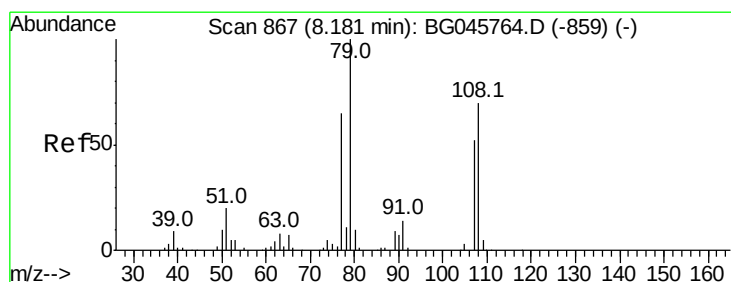
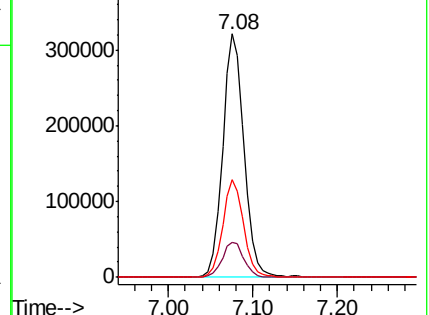
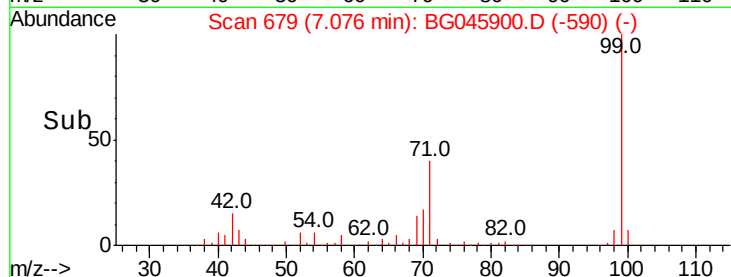
99 100

42 14.6 12.0 18.0

71 40.1 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



#15

Benzyl Alcohol

Concen: 2.246 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.06 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

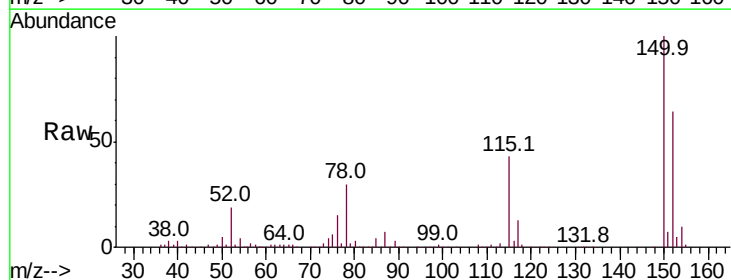
Tgt Ion: 79 Resp: 9526

Ion Ratio Lower Upper

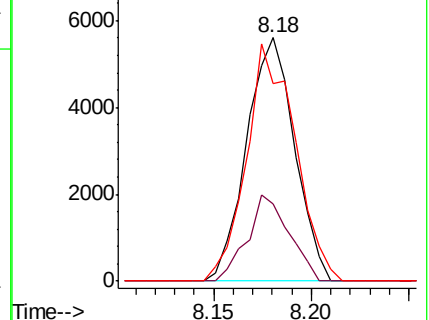
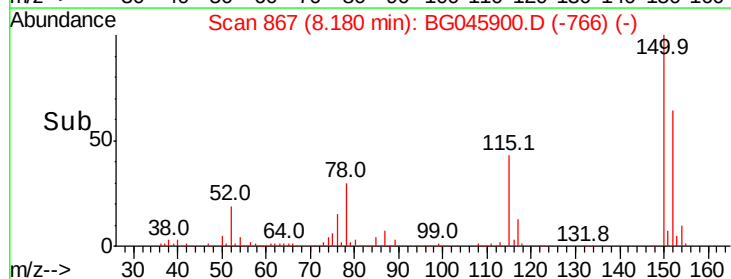
79 100

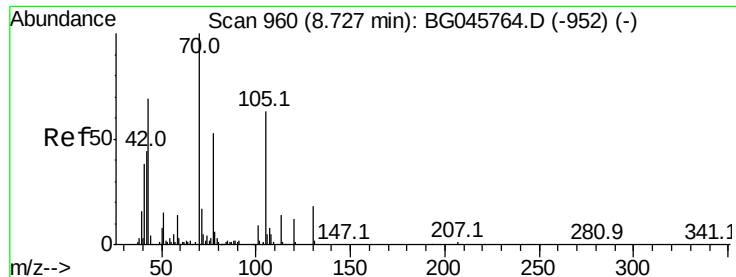
108 31.8 54.7 82.1#

77 80.9 52.6 79.0#



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

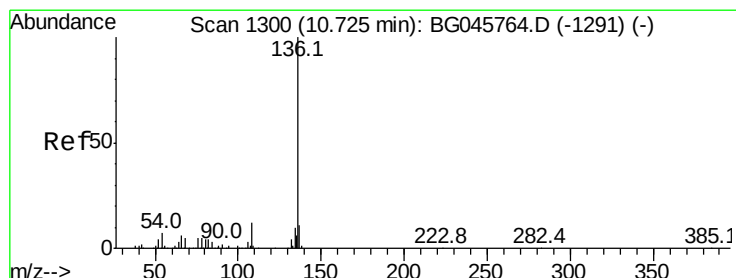
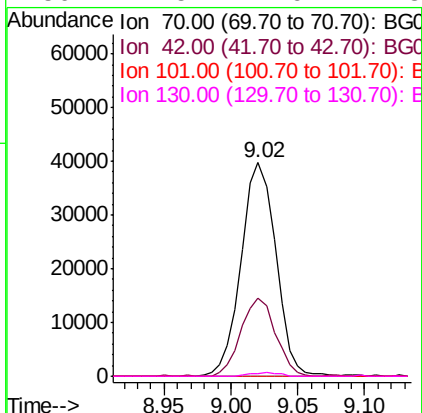
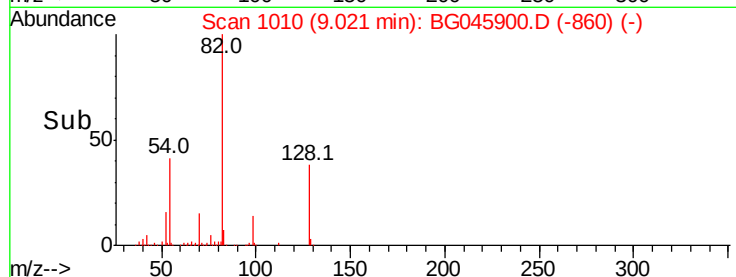
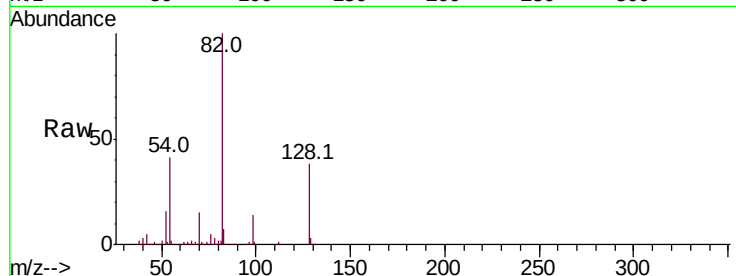




#19
n-Nitroso-di-n-propylamine
Concen: 19.887 ng
RT: 9.02 min Scan# 1010
Delta R.T. 0.35 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

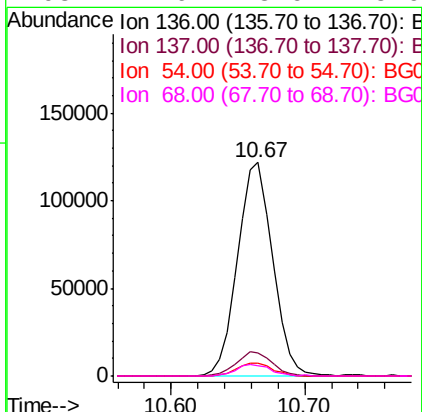
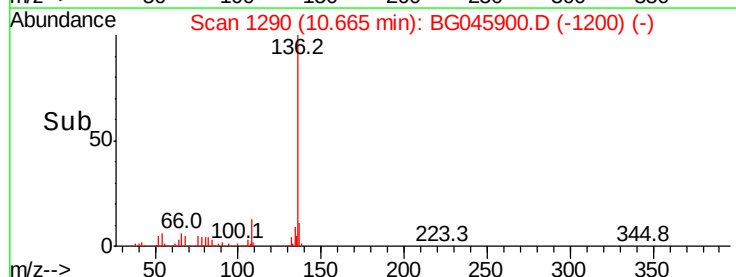
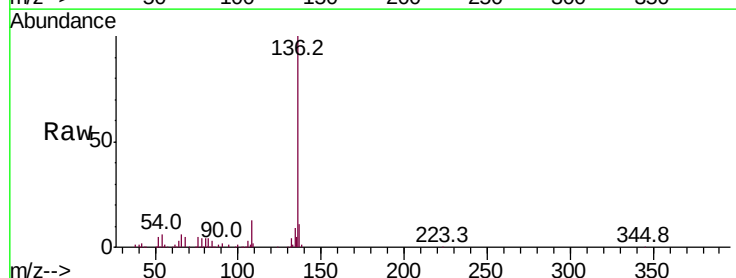
Instrument :
BNA_G
ClientSampleId :
SP2-F

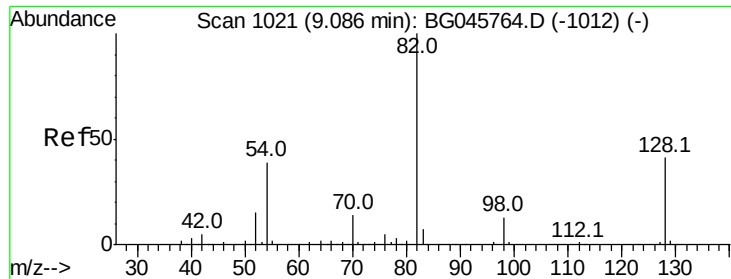
Tot Ion: 70 Resp: 71652
Ion Ratio Lower Upper
70 100
42 36.5 33.9 50.9
101 0.0 8.0 12.0#
130 1.5 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion: 136 Resp: 222283
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 6.0 4.9 7.3
68 4.6 3.9 5.9

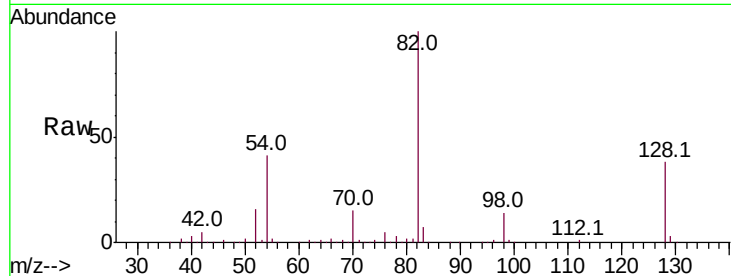




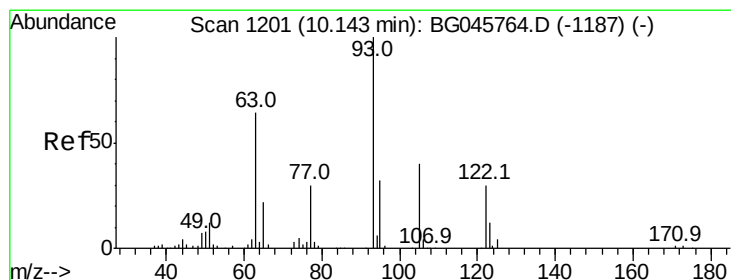
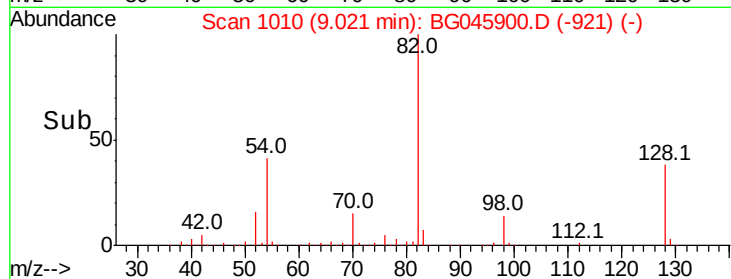
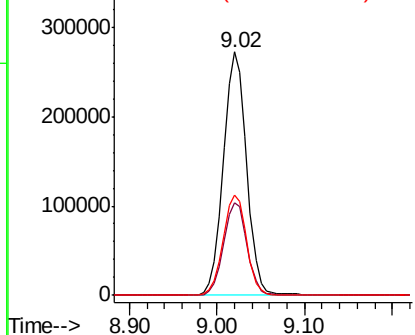
#23
Nitrobenzene-d5
Concen: 102.394 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion: 82 Resp: 498223
Ion Ratio Lower Upper
82 100
128 37.9 31.3 46.9
54 41.3 32.6 49.0

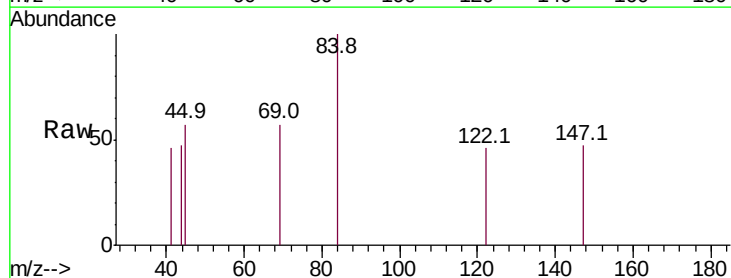


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

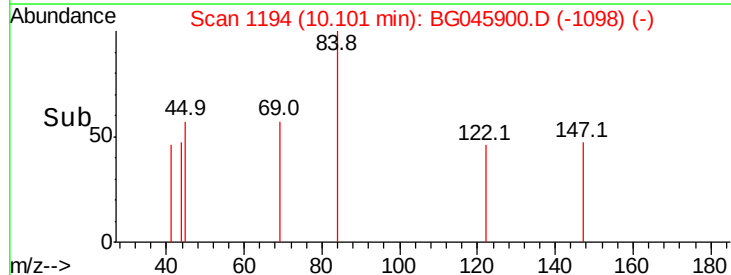
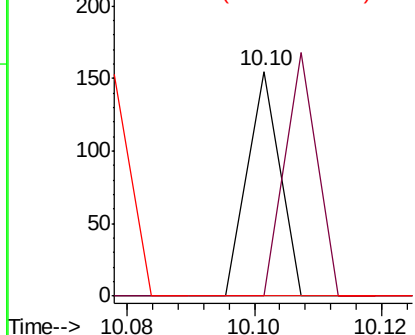


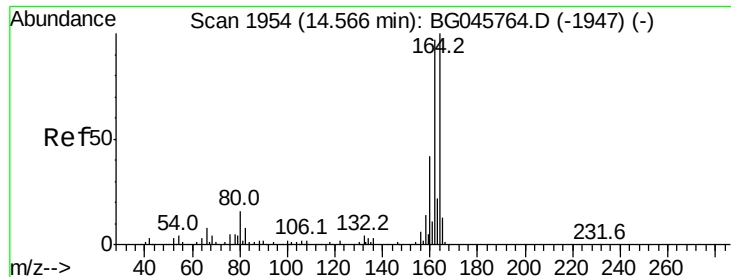
#32
Benzoic acid
Concen: 8.999 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.03 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 110.1 150.1#
77 0.0 94.1 134.1#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

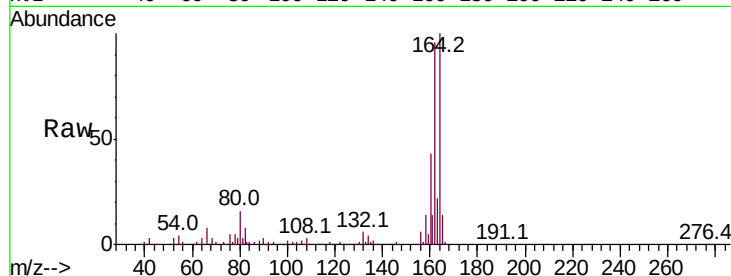




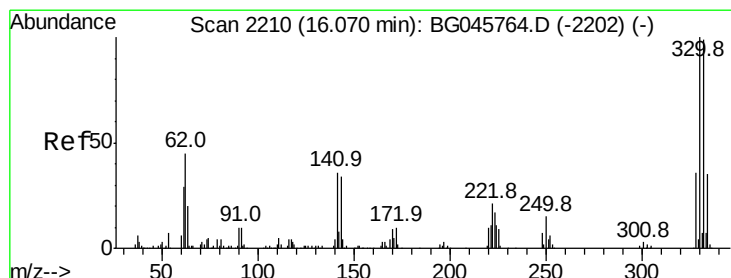
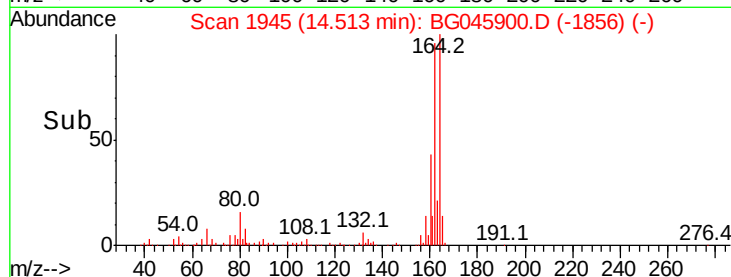
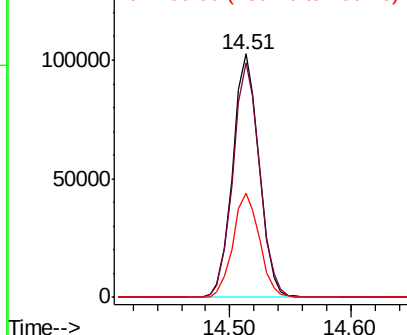
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampled :
SP2-F

Tot Ion:164 Resp: 156299
Ion Ratio Lower Upper
164 100
162 96.2 80.6 120.8
160 42.6 35.0 52.4

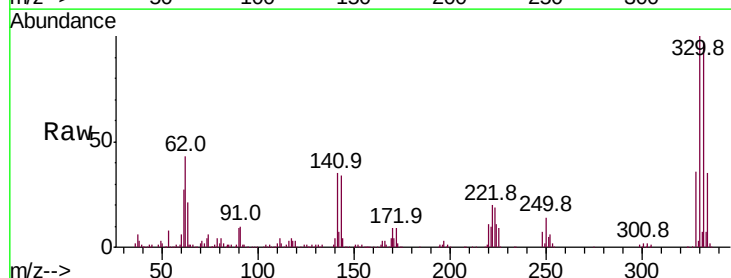


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

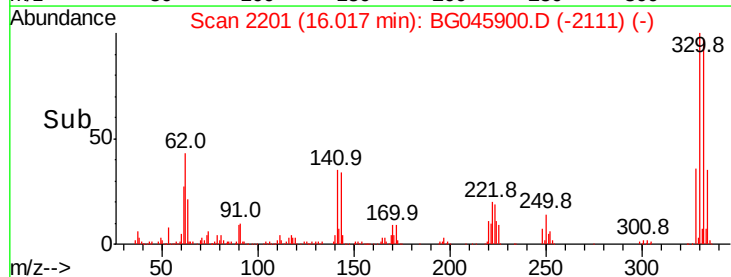
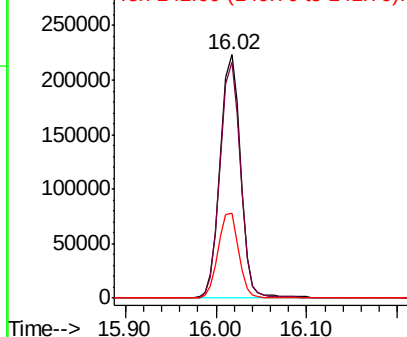


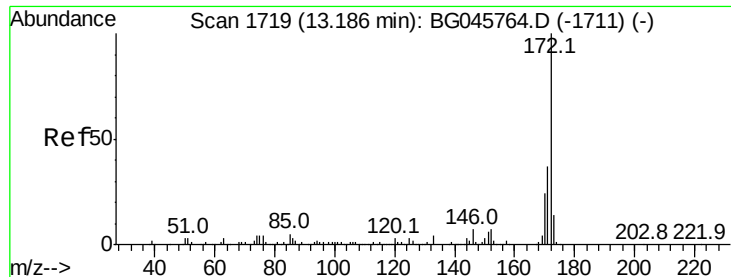
#42
2,4,6-Tribromophenol
Concen: 148.292 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion:330 Resp: 349927
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 35.4 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

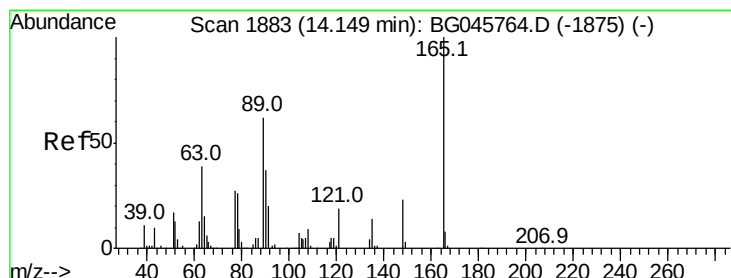
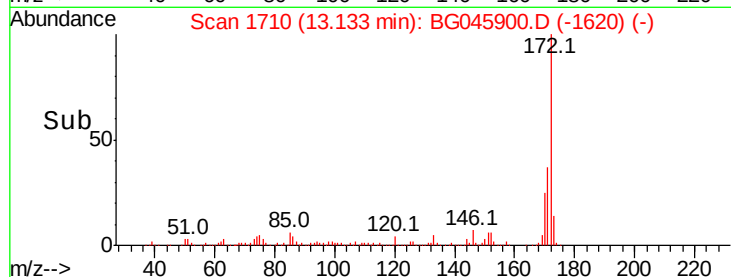
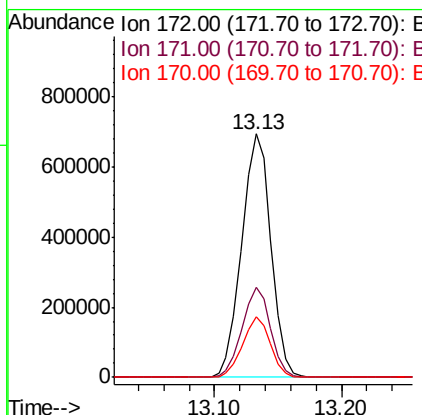
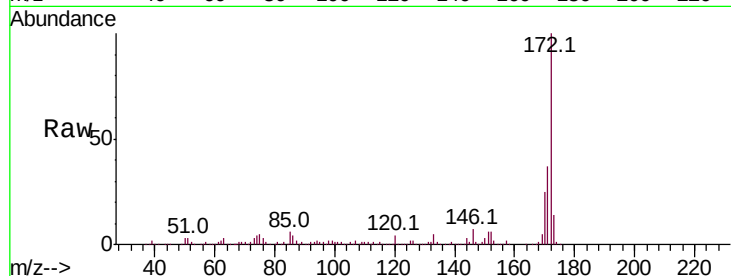




#45
2-Fluorobiphenyl
Concen: 104.090 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

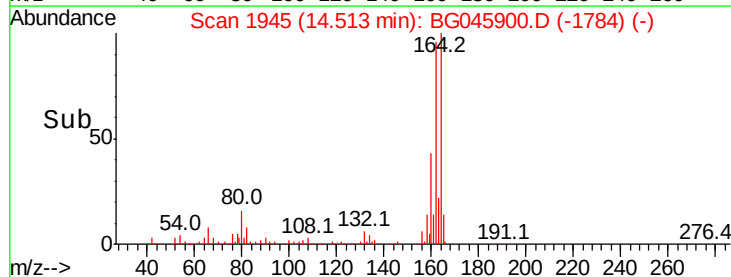
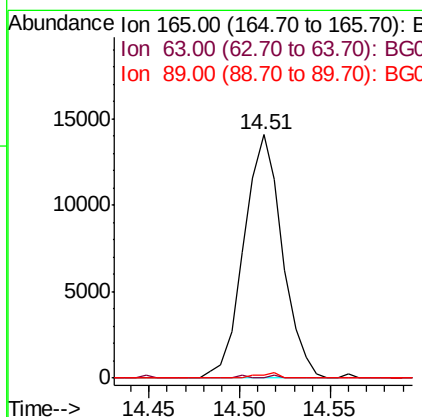
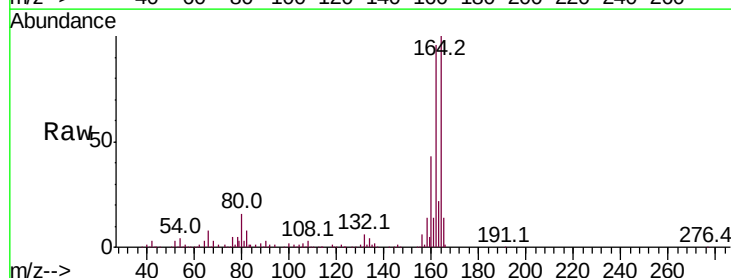
Instrument :
BNA_G
ClientSampleId :
SP2-F

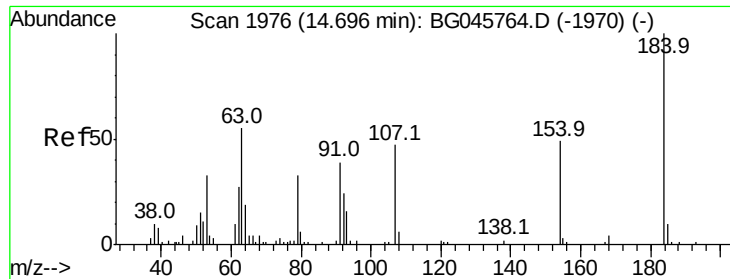
Tot Ion:172 Resp: 1107080
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 24.8 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 7.531 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.42 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Tgt Ion:165 Resp: 20712
Ion Ratio Lower Upper
165 100
63 0.0 45.6 68.4#
89 1.1 52.8 79.2#





#54

2,4-Dinitrophenol

Concen: 9.857 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.08 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

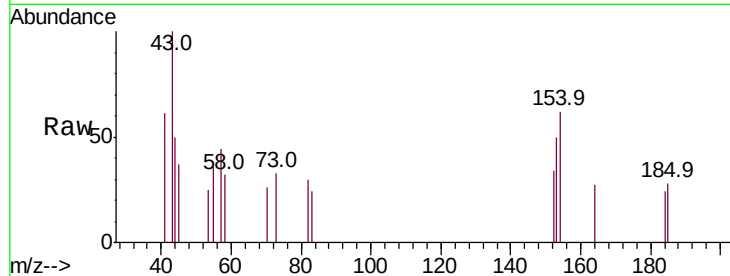
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 51.9 77.9#

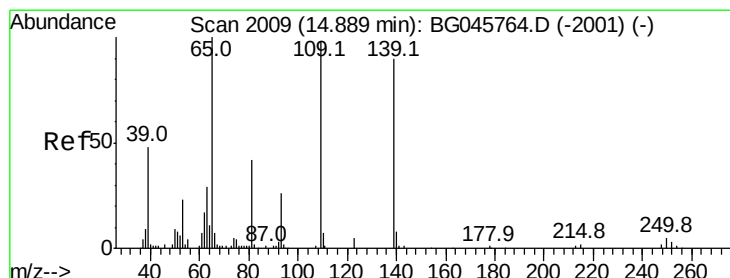
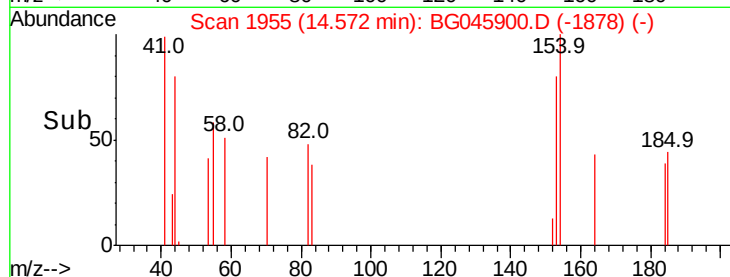
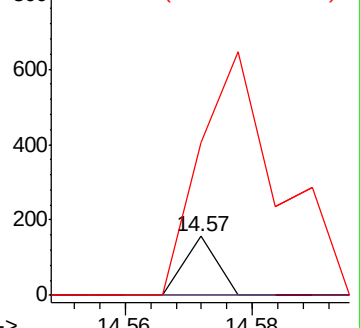
154 259.0 60.7 91.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 4.009 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.12 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

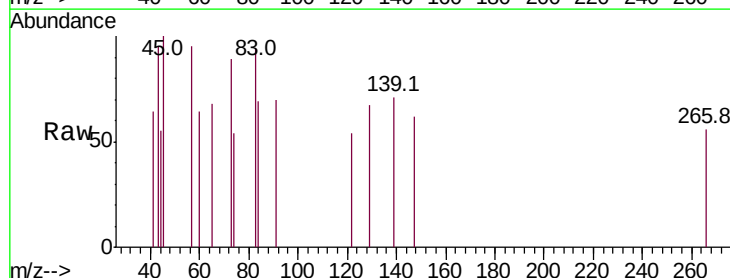
Tgt Ion:139 Resp: 75

Ion Ratio Lower Upper

139 100

109 0.0 83.9 123.9#

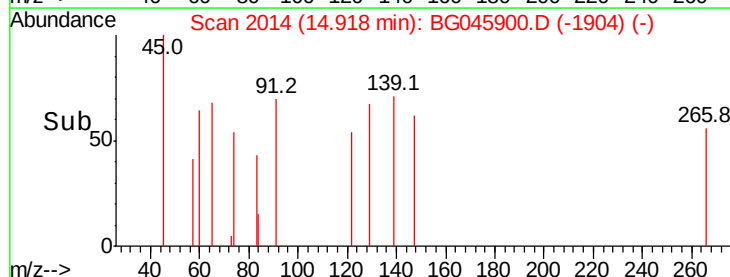
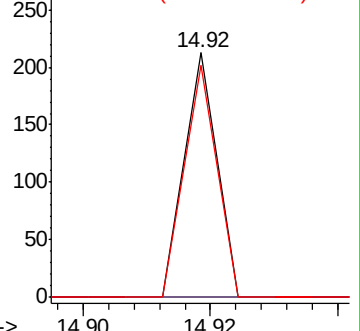
65 94.8 87.8 127.8

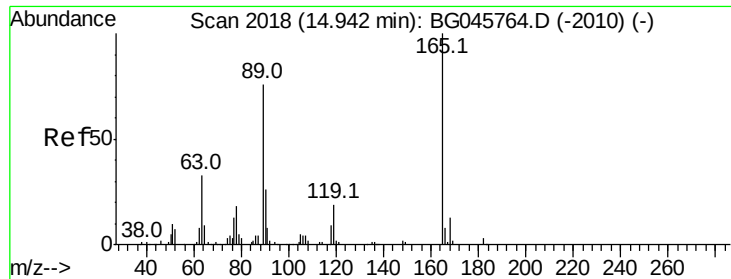


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG0

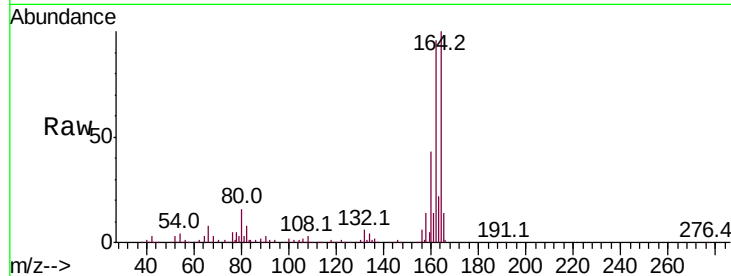




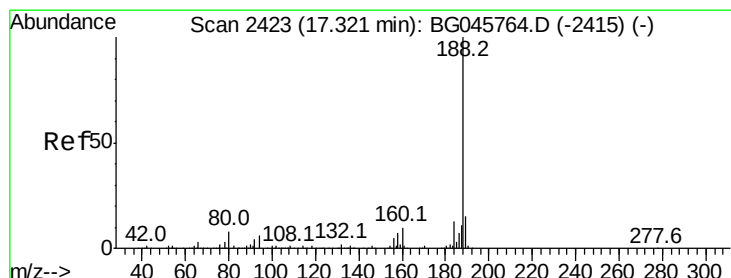
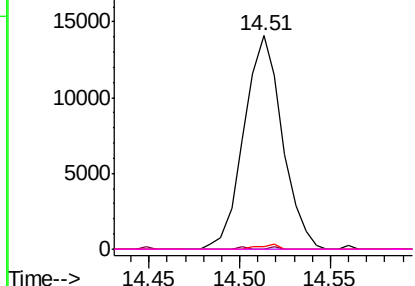
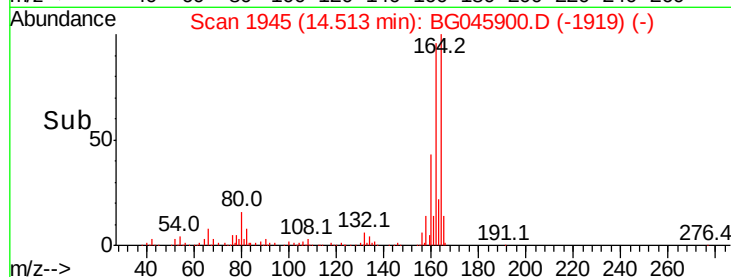
#57
 2,4-Dinitrotoluene
 Concen: 5.256 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.38 min
 Lab File: BG045900.D
 Acq: 1 Jul 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-F

Tot Ion:165 Resp: 20712
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.2 52.8#
 89 1.1 61.4 92.2#
 182 0.0 2.3 3.5#

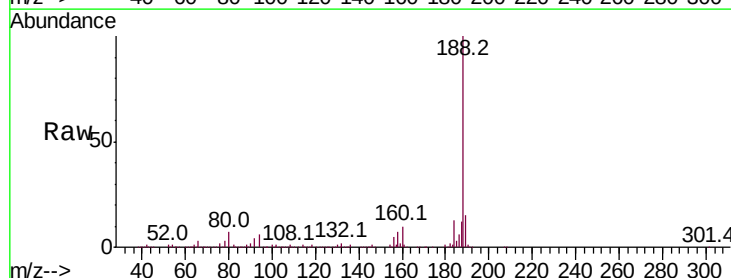


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

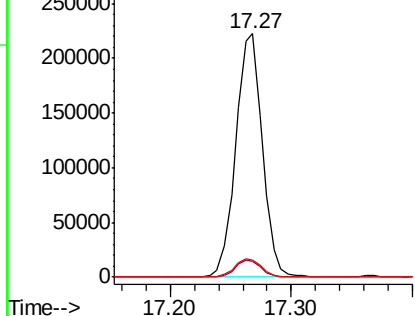
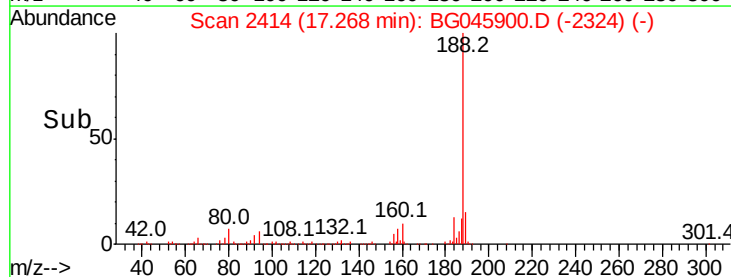


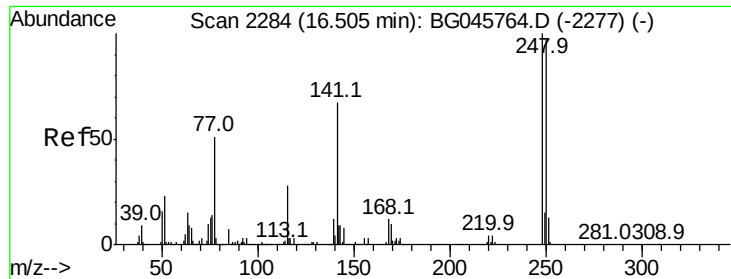
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG045900.D
 Acq: 1 Jul 2020 11:03

Tgt Ion:188 Resp: 341425
 Ion Ratio Lower Upper
 188 100
 94 6.4 5.7 8.5
 80 6.9 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

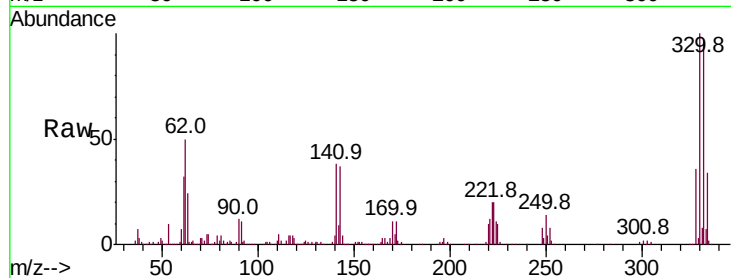




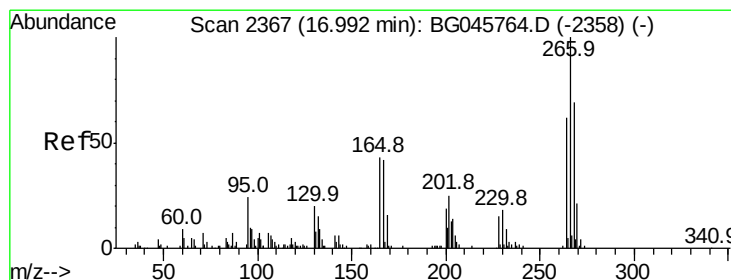
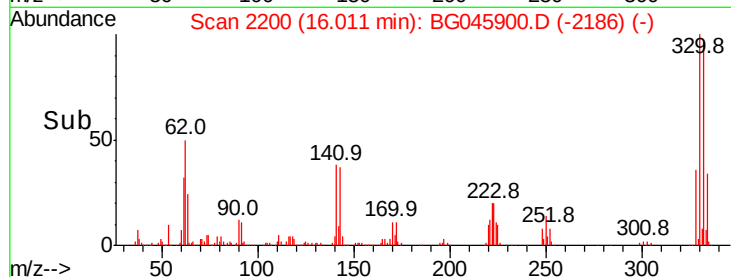
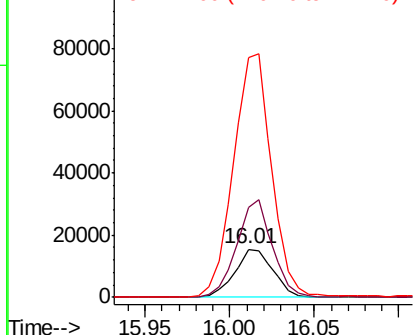
#67
 4-Bromophenyl-phenylether
 Concen: 5.505 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG045900.D
 Acq: 1 Jul 2020 11:03

Instrument :
 BNA_G
 ClientSampleId :
 SP2-F

Tot Ion:248 Resp: 24423
 Ion Ratio Lower Upper
 248 100
 250 186.5 76.8 115.2#
 141 496.2 52.6 79.0#

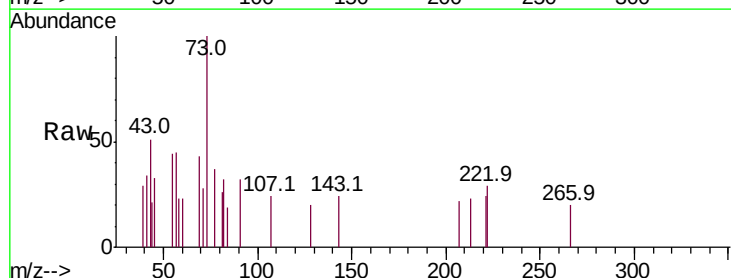


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

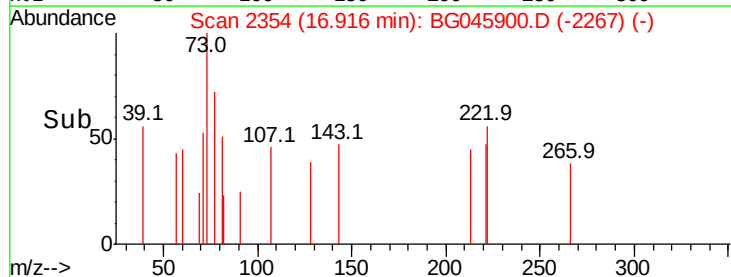
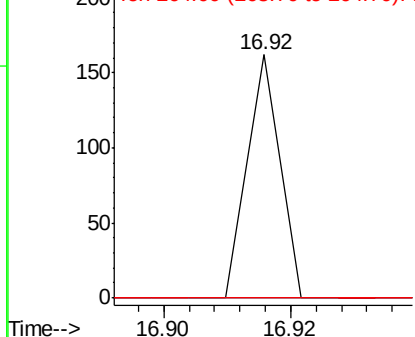


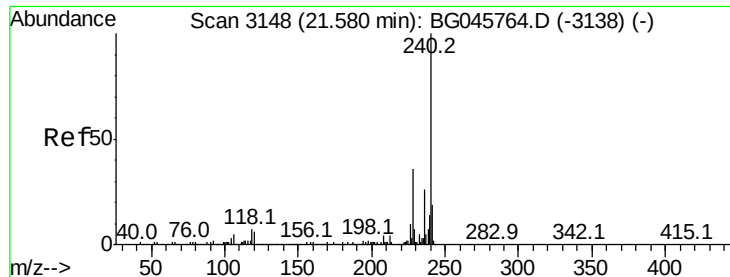
#70
 Pentachlorophenol
 Concen: 7.655 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.02 min
 Lab File: BG045900.D
 Acq: 1 Jul 2020 11:03

Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.9 76.3#
 264 0.0 49.8 74.8#



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: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

Instrument :

BNA_G

ClientSampleId :

SP2-F

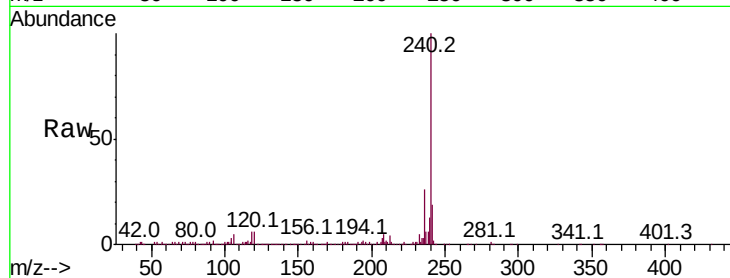
Tot Ion:240 Resp: 334451

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

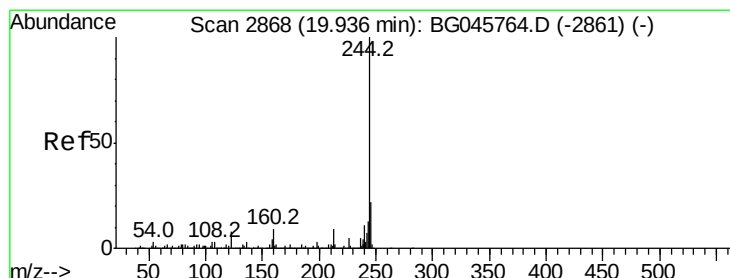
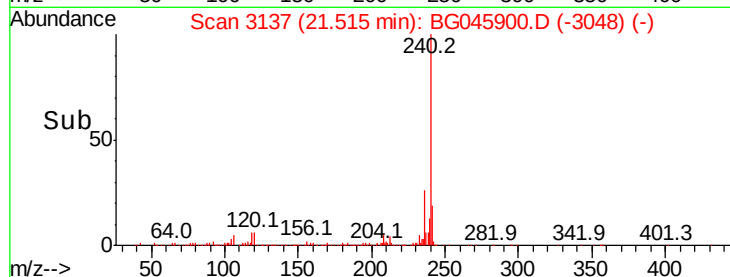
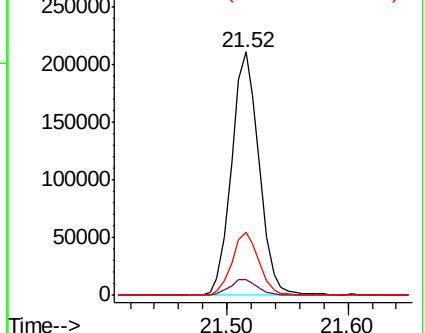
236 26.2 21.3 31.9



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: 107.343 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG045900.D

Acq: 1 Jul 2020 11:03

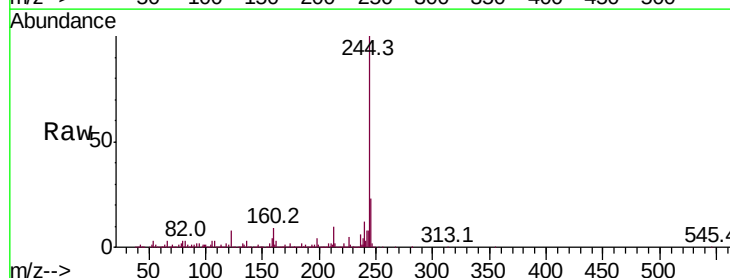
Tgt Ion:244 Resp: 1771495

Ion Ratio Lower Upper

244 100

212 10.1 7.2 10.8

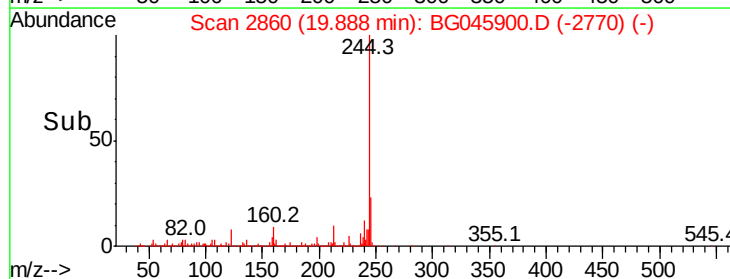
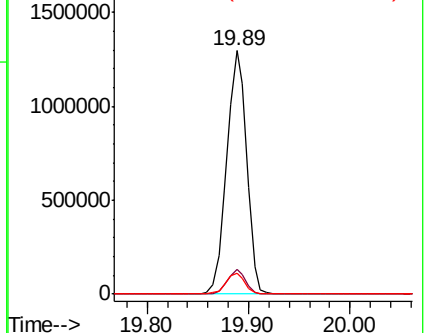
122 8.4 6.9 10.3

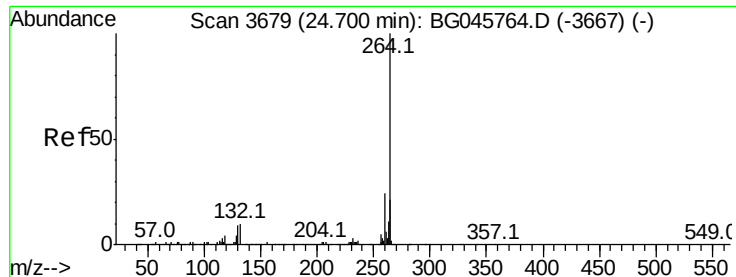


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

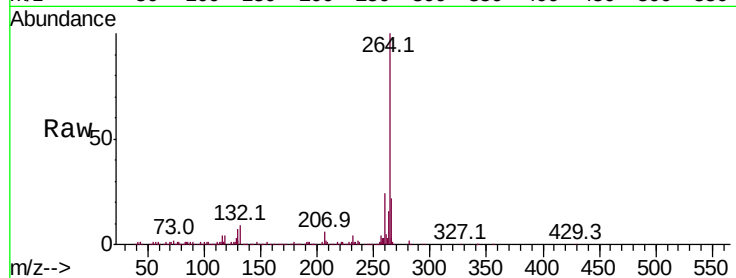




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045900.D
Acq: 1 Jul 2020 11:03

Instrument :
BNA_G
ClientSampleId :
SP2-F

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

