

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045892.D
 Acq On : 30 Jun 2020 20:07
 Operator : CG/JU
 Sample : L3153-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-E

Quant Time: Jul 01 00:30:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

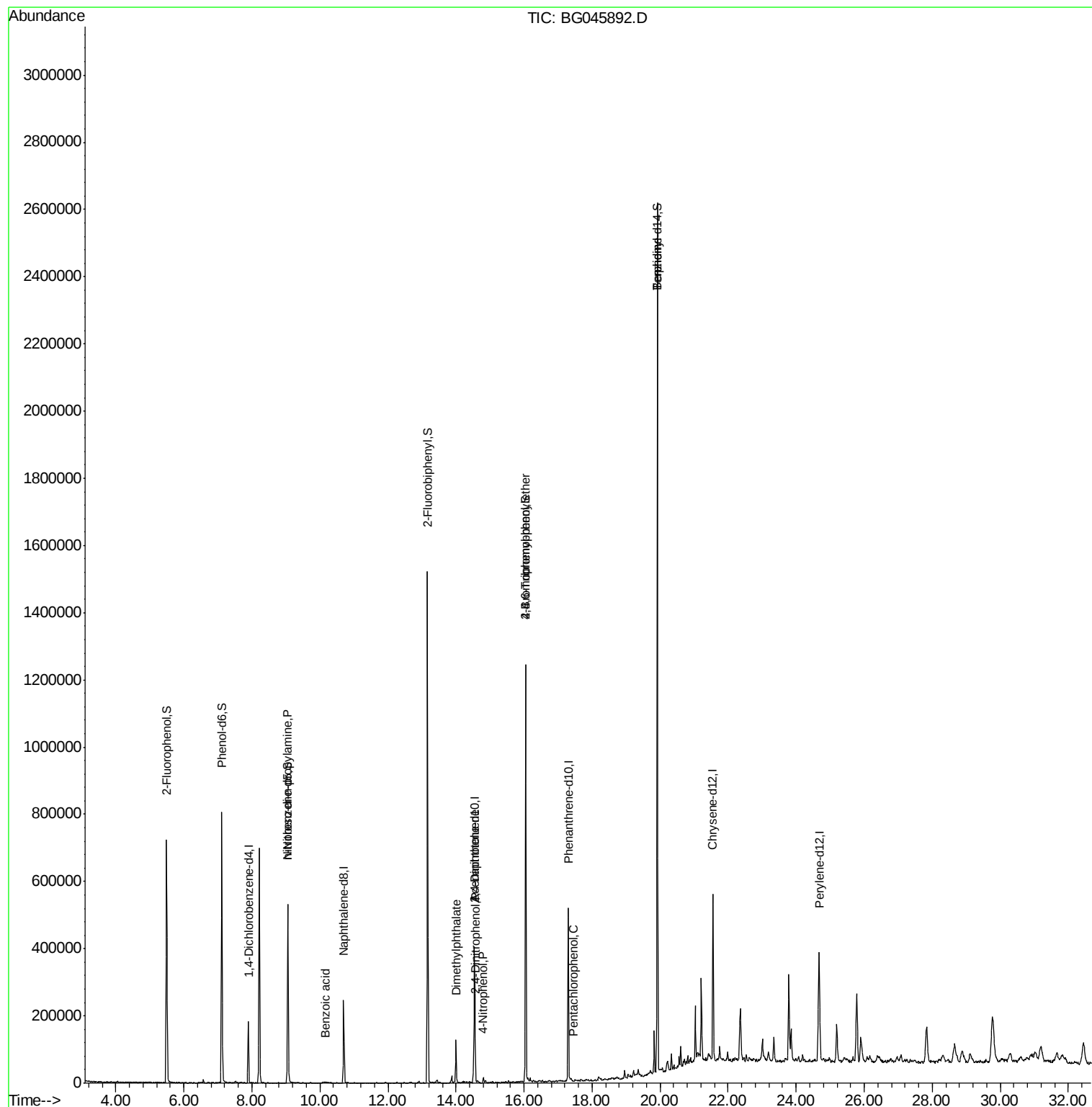
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	53569	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	218760	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	150848	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	338633	20.00	ng	0.00
76) Chrysene-d12	21.55	240	303554	20.00	ng	0.00
86) Perylene-d12	24.67	264	318083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	346662	109.32	ng	0.00
7) Phenol-d6	7.11	99	517653	107.32	ng	0.00
23) Nitrobenzene-d5	9.06	82	359196	75.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	259190	113.81	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	822585	80.14	ng	0.00
79) Terphenyl-d14	19.92	244	1271472	84.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	48206	15.201	ng	Qvalue # 84
32) Benzoic acid	10.15	122	653	9.230	ng	85
50) Dimethylphthalate	14.00	163	87316	7.389	ng	98
54) 2,4-Dinitrophenol	14.57	184	57	9.859	ng	# 14
56) 4-Nitrophenol	14.81	139	84	4.015	ng	# 49
57) 2,4-Dinitrotoluene	14.55	165	19183	5.044	ng	# 21
67) 4-Bromophenyl-phenylether	16.04	248	16783	3.814	ng	# 1
70) Pentachlorophenol	17.45	266	78	7.664	ng	# 19
77) Benzidine	19.92	184	22953	2.909	ng	# 84

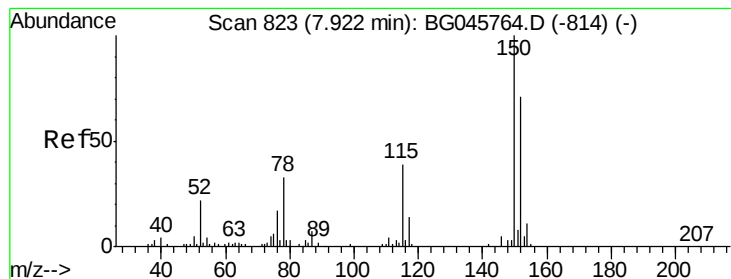
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045892.D
Acq On : 30 Jun 2020 20:07
Operator : CG/JU
Sample : L3153-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP2-E

Quant Time: Jul 01 00:30:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 16:34:40 2020
Response via : Initial Calibration



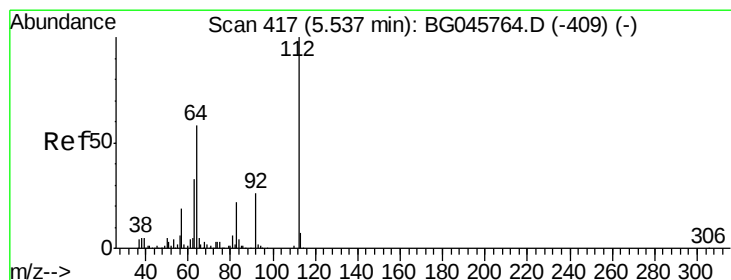
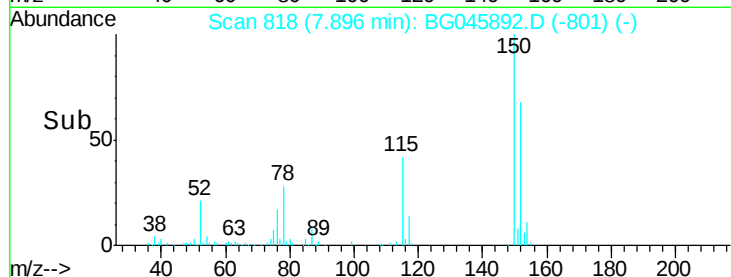
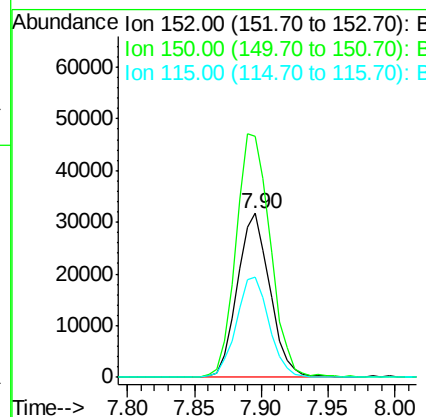
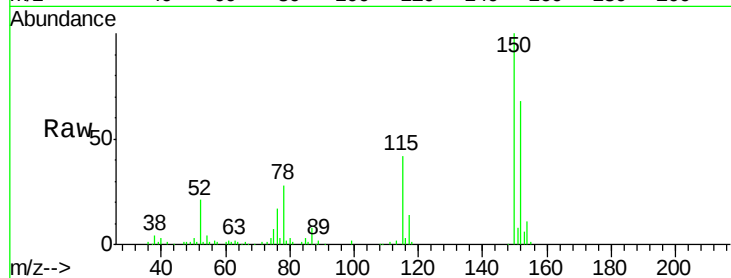


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Instrument :
BNA_G
ClientSampleId :
SP2-E

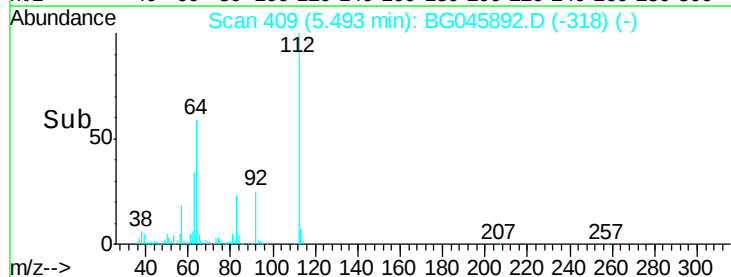
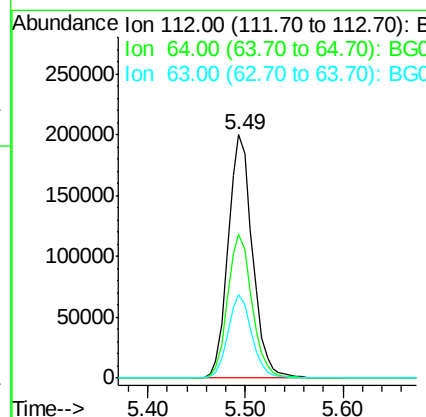
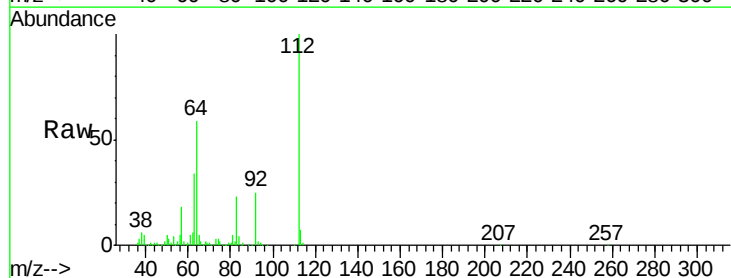
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	121.2	181.8
115	61.2	47.5	71.3

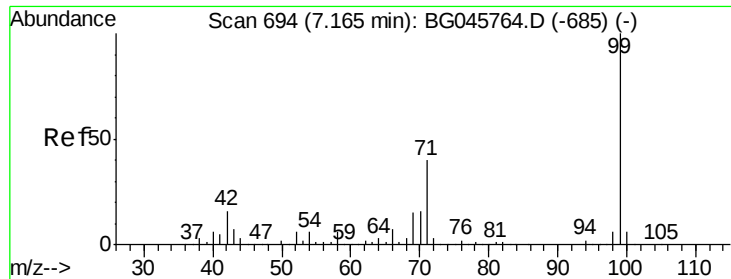


#5

2-Fluorophenol
Concen: 109.316 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.5	72.7
63	34.1	26.5	39.7





#7

Phenol-d6

Concen: 107.315 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Instrument :

BNA_G

ClientSampleId :

SP2-E

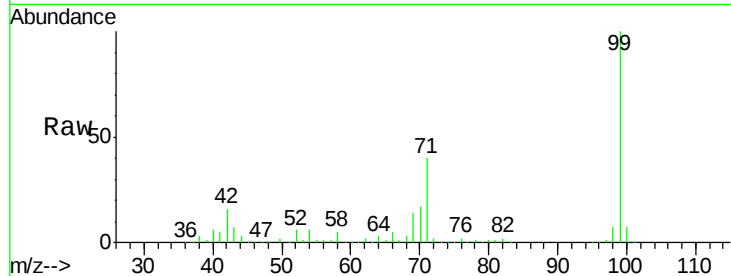
Tot Ion: 99 Resp: 517653

Ion Ratio Lower Upper

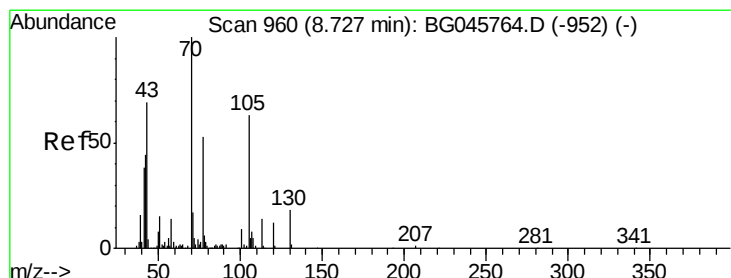
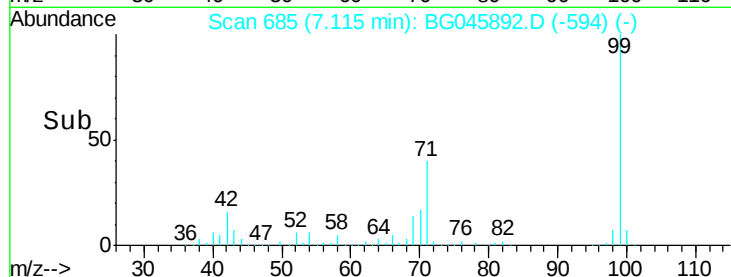
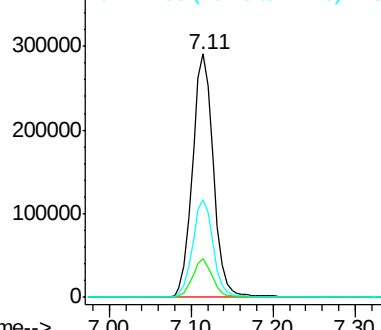
99 100

42 15.8 12.0 18.0

71 40.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.201 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Tgt Ion: 70 Resp: 48206

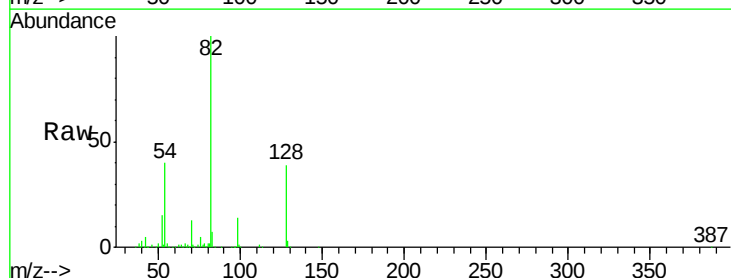
Ion Ratio Lower Upper

70 100

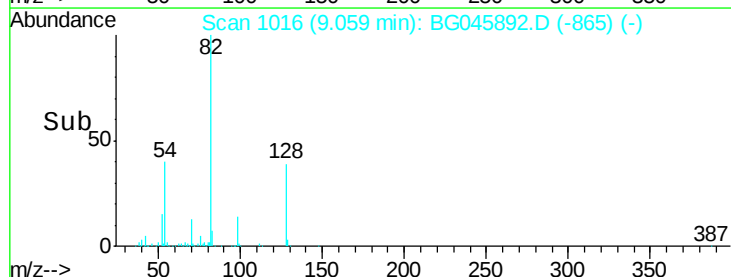
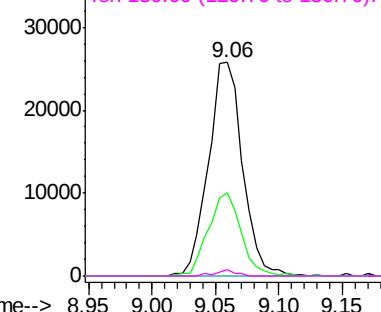
42 39.1 33.9 50.9

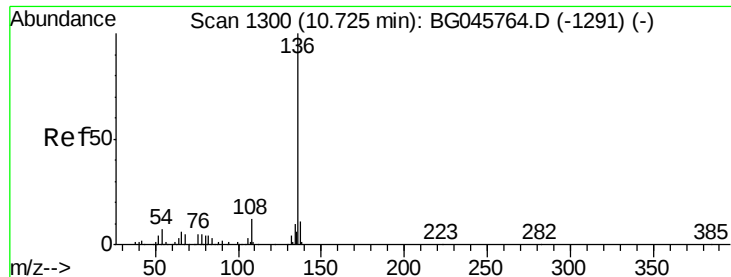
101 0.0 8.0 12.0#

130 2.9 14.9 22.3#



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

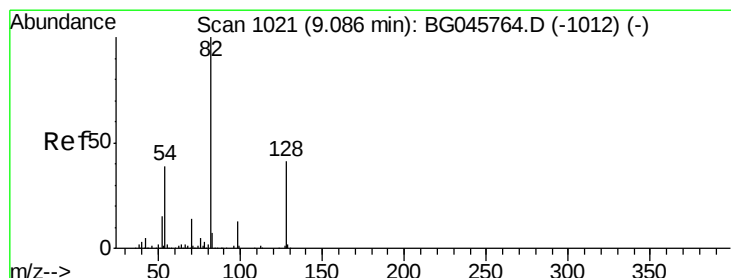
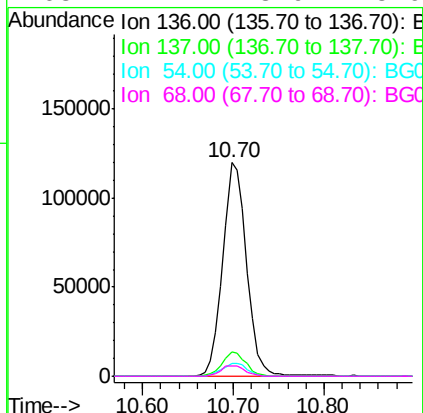
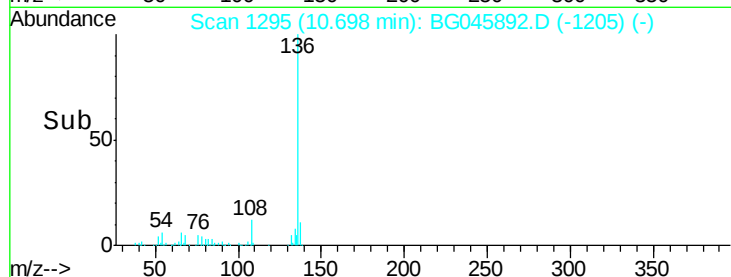
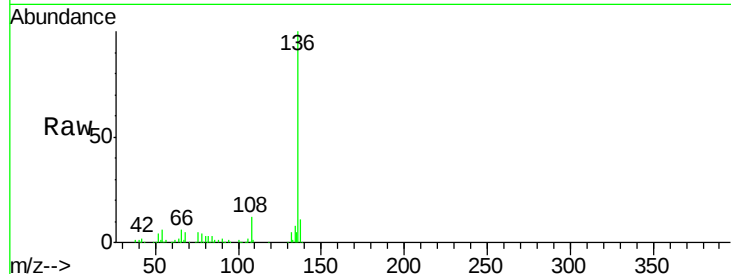




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

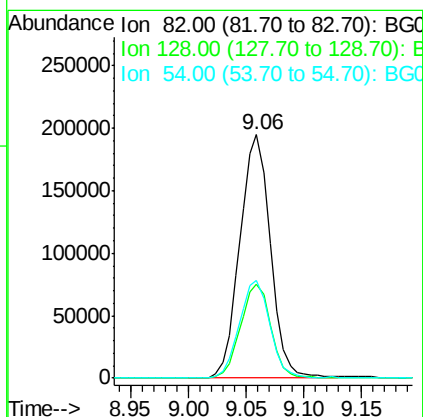
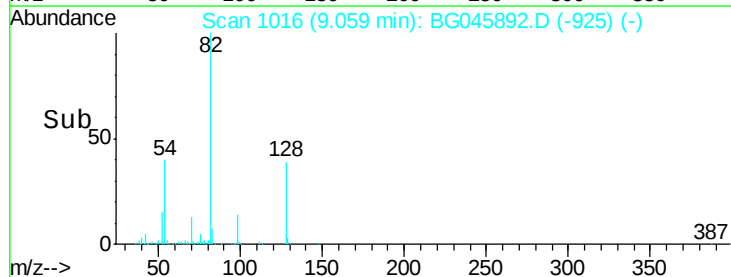
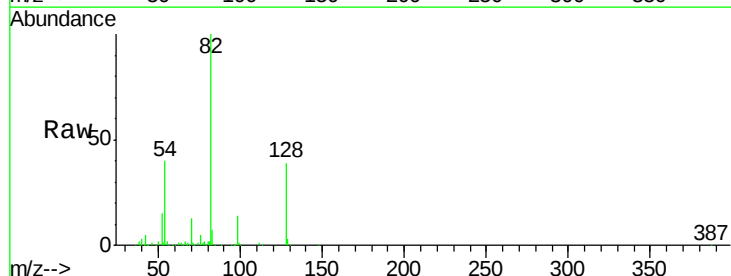
Instrument :
BNA_G
ClientSampleId :
SP2-E

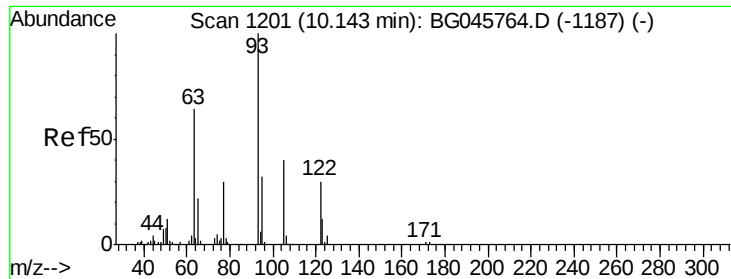
Tot Ion:136	Resp:	218760	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.4	14.0	
54 6.2	4.9	7.3	
68 4.7	3.9	5.9	



#23
Nitrobenzene-d5
Concen: 75.011 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Tgt	Ion: 82	Resp:	359196
Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.3	46.9
54	40.1	32.6	49.0

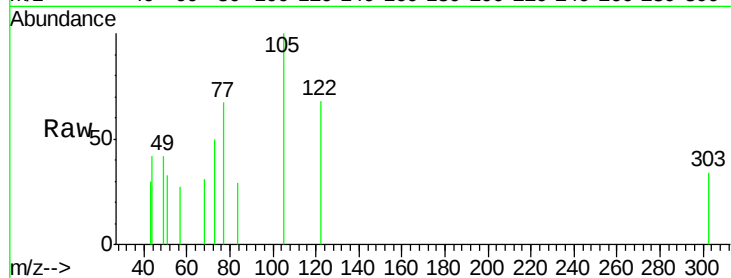




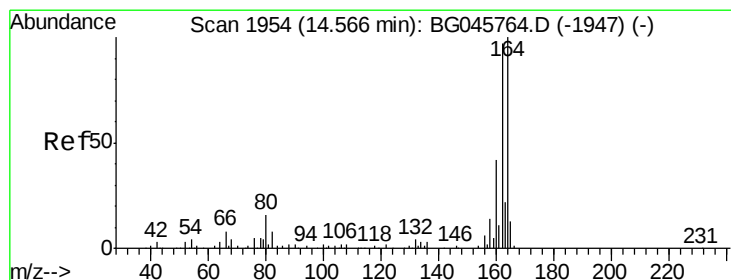
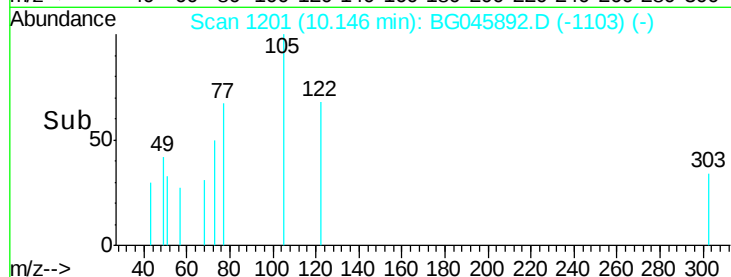
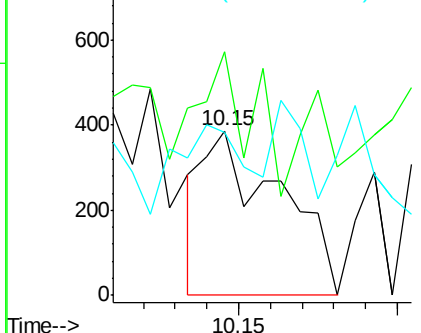
#32
Benzoic acid
Concen: 9.230 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.04 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Instrument :
BNA_G
ClientSampled :
SP2-E

Tot Ion:122 Resp: 653
Ion Ratio Lower Upper
122 100
105 147.8 110.1 150.1
77 98.7 94.1 134.1

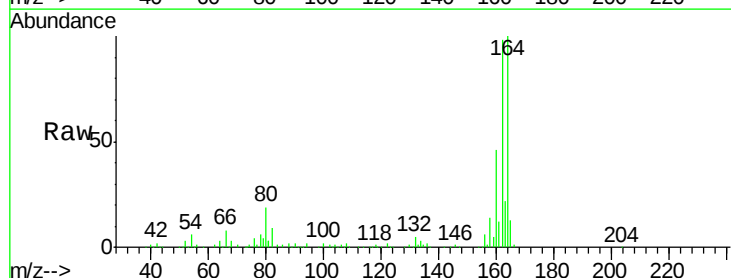


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

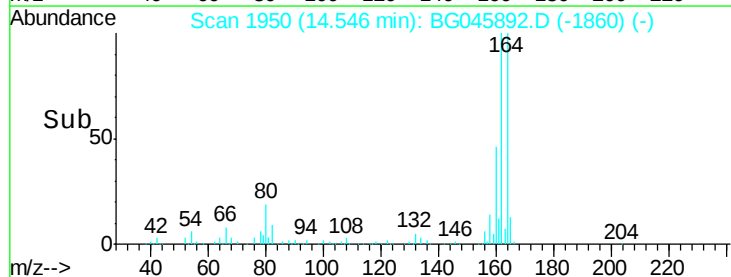
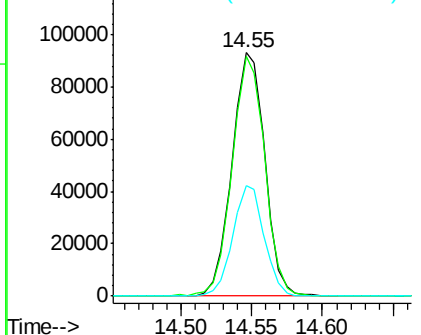


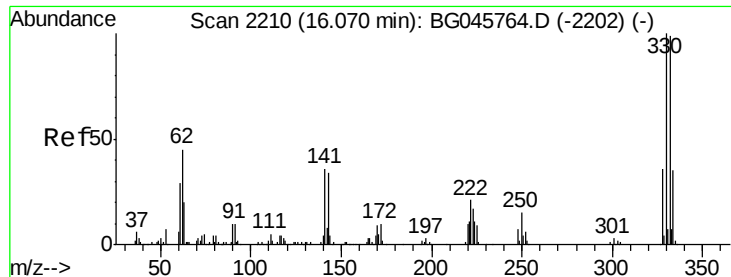
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Tgt Ion:164 Resp: 150848
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 45.6 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

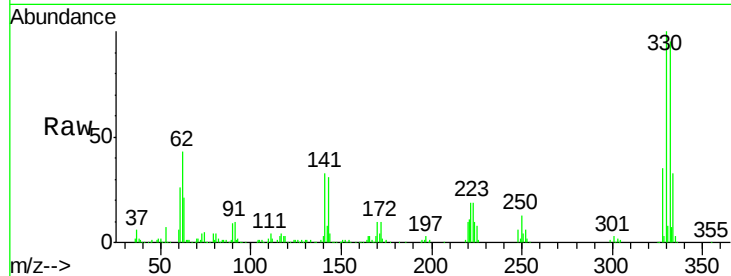




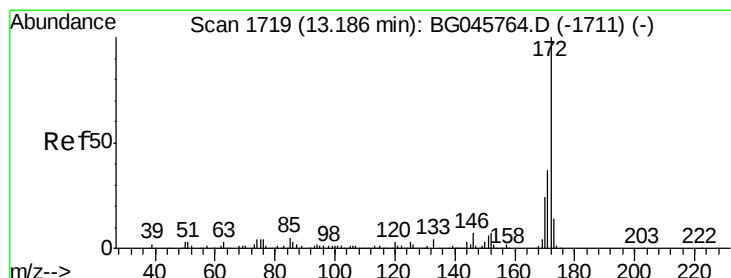
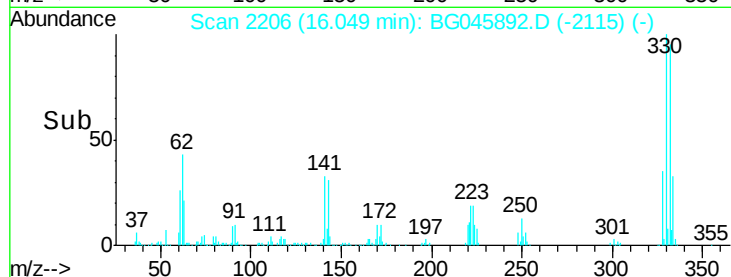
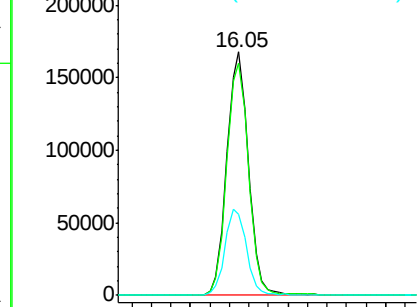
#42
 2,4,6-Tribromophenol
 Concen: 113.809 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG045892.D
 Acq: 30 Jun 2020 20:07

Instrument :
 BNA_G
 ClientSampleId :
 SP2-E

Tot Ion:330 Resp: 259190
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.2 27.7 41.5

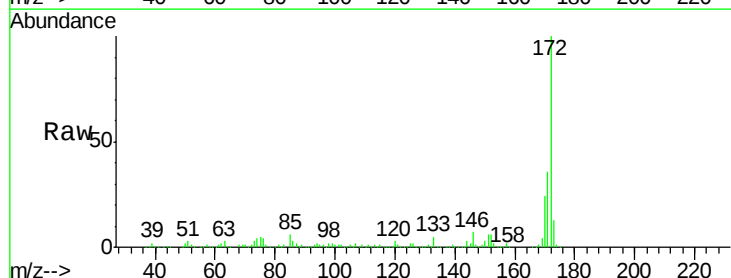


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

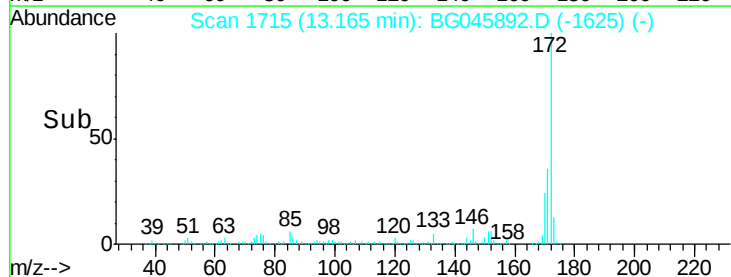
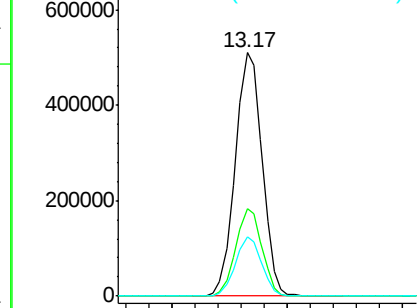


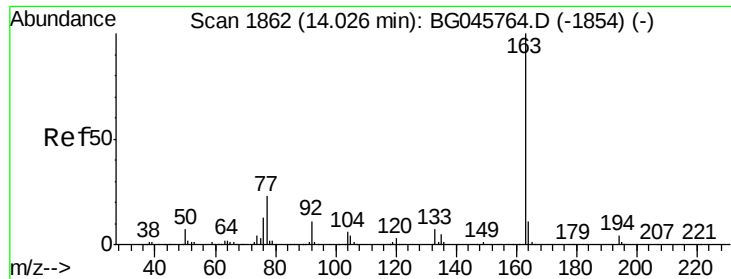
#45
 2-Fluorobiphenyl
 Concen: 80.136 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG045892.D
 Acq: 30 Jun 2020 20:07

Tgt Ion:172 Resp: 822585
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.4 19.1 28.7



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





#50

Dimethylphthalate

Concen: 7.389 ng

RT: 14.00 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Instrument :

BNA_G

ClientSampleId :

SP2-E

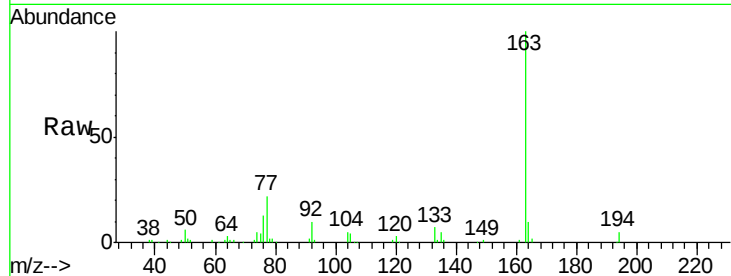
Tot Ion:163 Resp: 87316

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

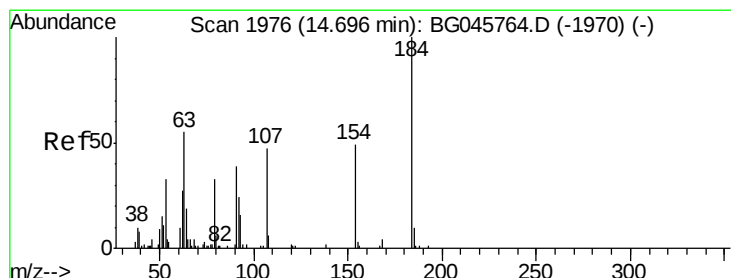
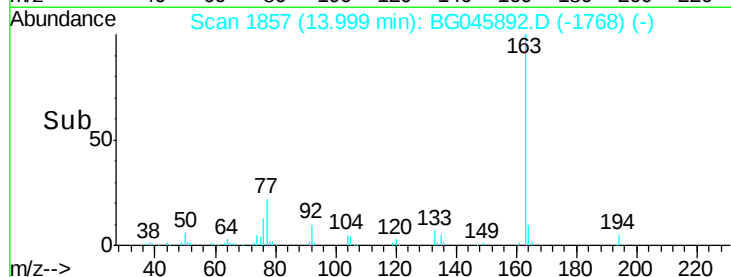
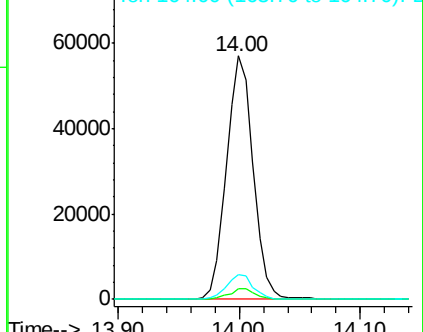
164 10.1 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 9.859 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.11 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

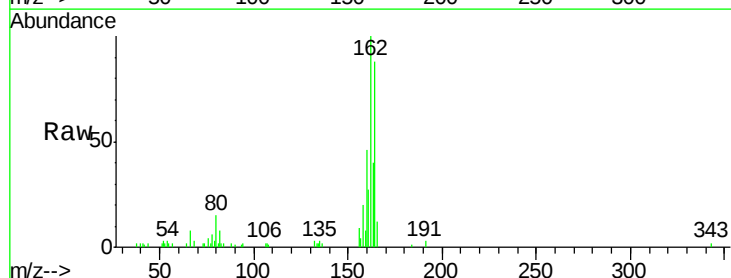
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 51.9 77.9#

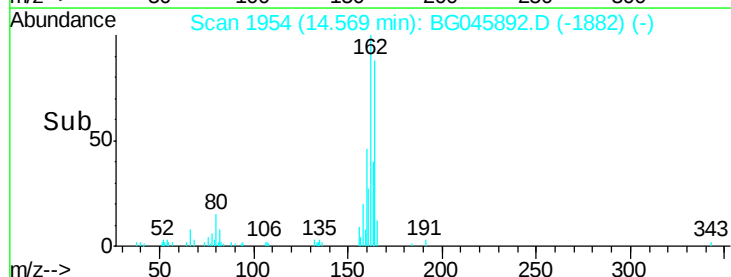
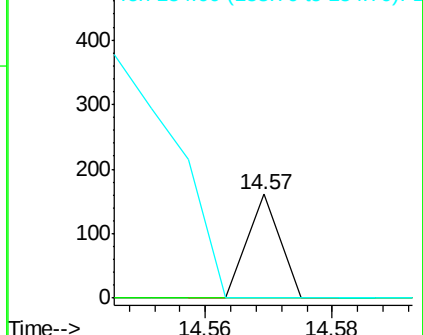
154 0.0 60.7 91.1#

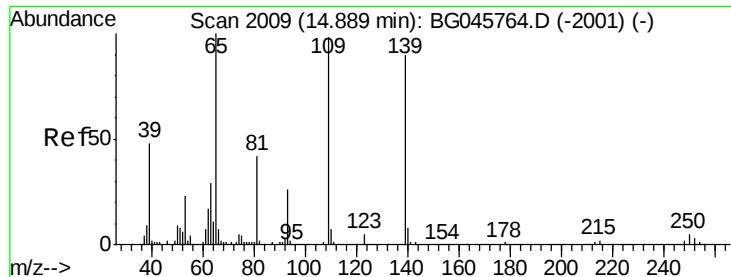


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#56

4-Nitrophenol

Concen: 4.015 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Instrument :

BNA_G

ClientSampleId :

SP2-E

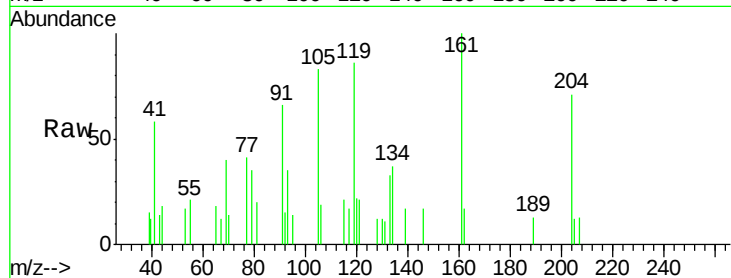
Tot Ion:139 Resp: 84

Ion Ratio Lower Upper

139 100

109 0.0 83.9 123.9#

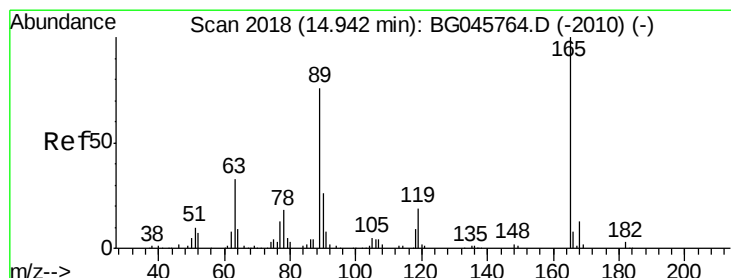
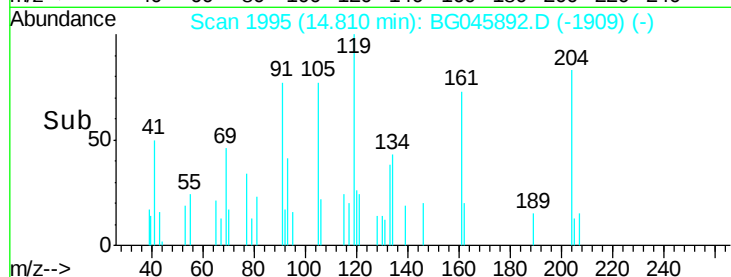
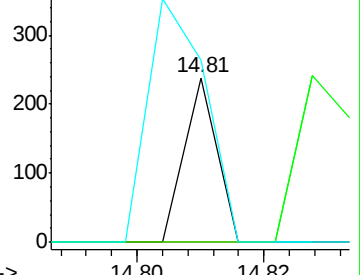
65 110.9 87.8 127.8



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): BGC



#57

2,4-Dinitrotoluene

Concen: 5.044 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Tgt Ion:165 Resp: 19183

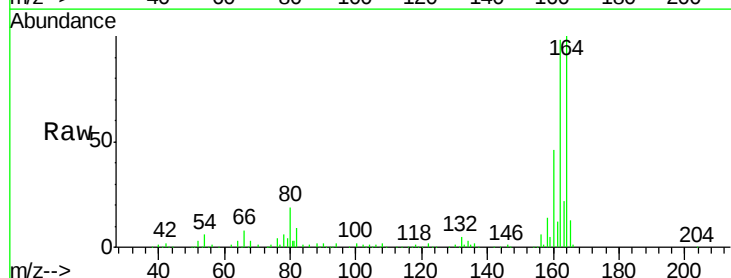
Ion Ratio Lower Upper

165 100

63 0.0 35.2 52.8#

89 1.3 61.4 92.2#

182 0.0 2.3 3.5#

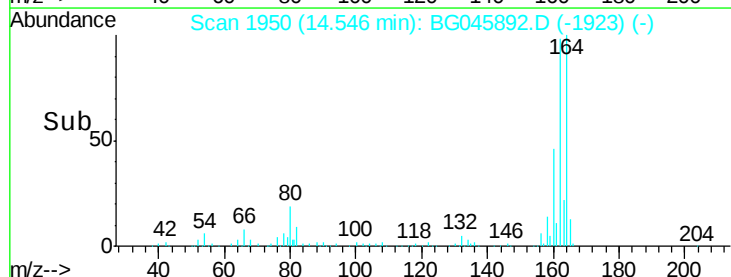
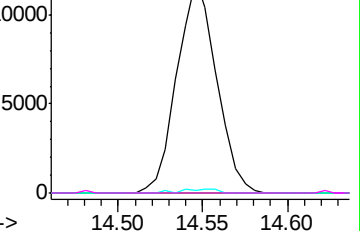


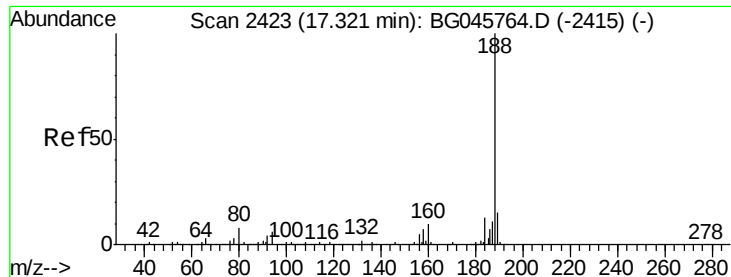
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

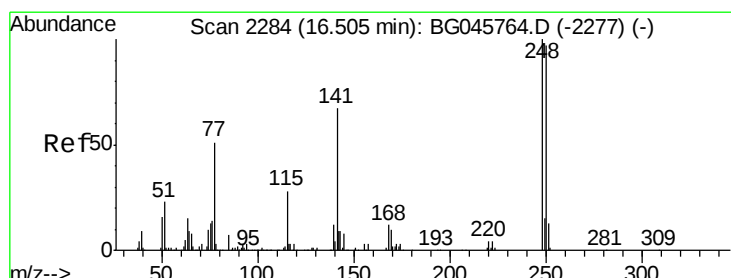
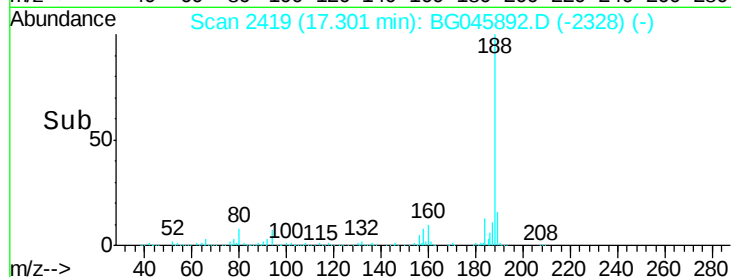
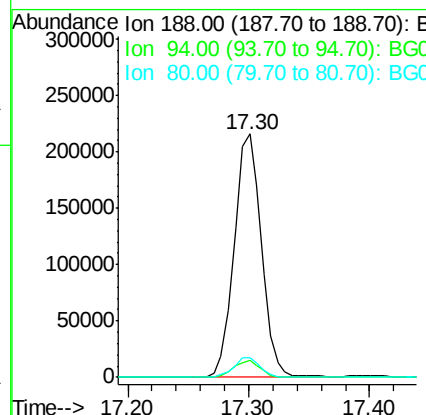
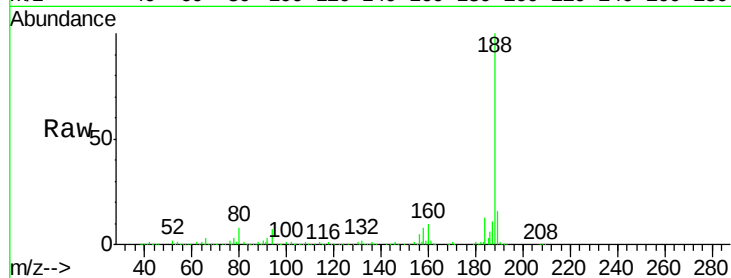




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

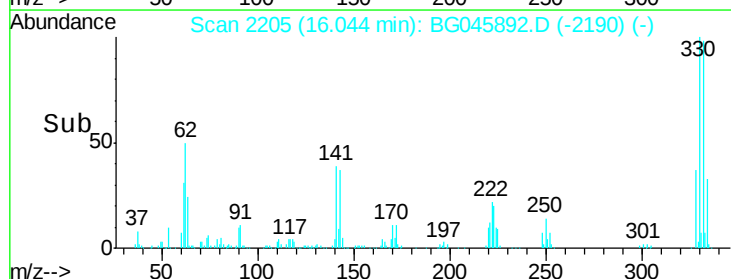
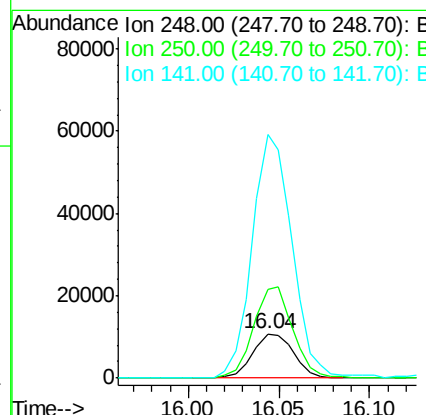
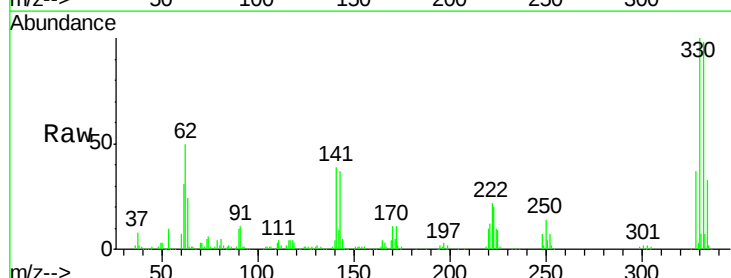
Instrument :
BNA_G
ClientSampleId :
SP2-E

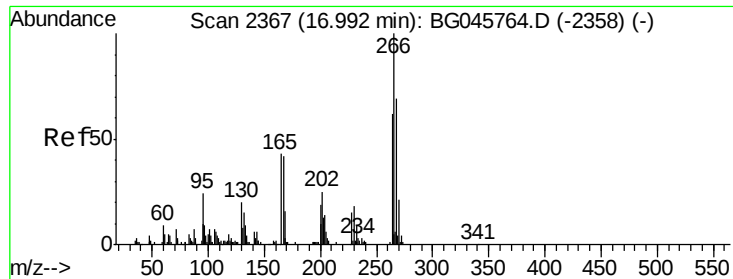
Tot Ion:188 Resp: 338633
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.814 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.44 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Tgt Ion:248 Resp: 16783
Ion Ratio Lower Upper
248 100
250 199.5 76.8 115.2#
141 550.2 52.6 79.0#

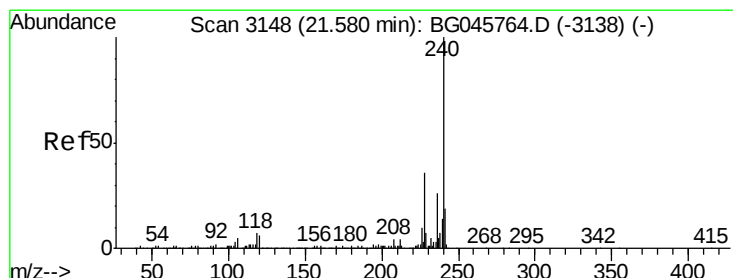
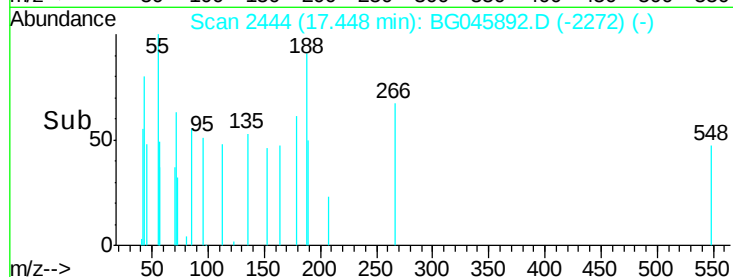
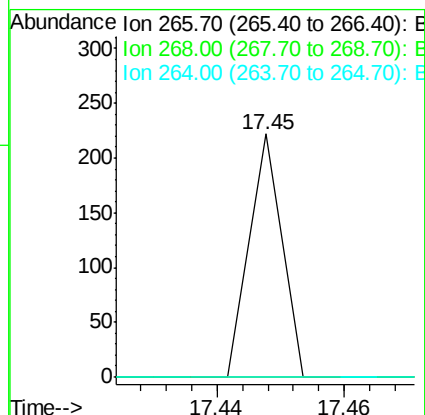
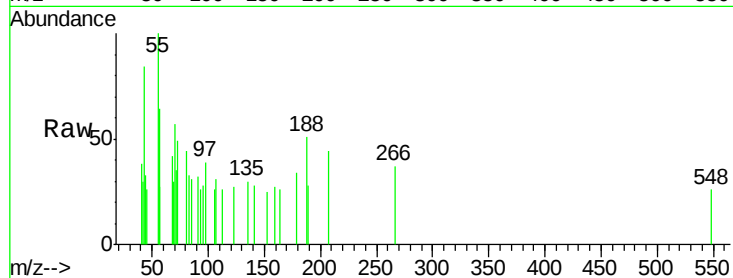




#70
 Pentachlorophenol
 Concen: 7.664 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.48 min
 Lab File: BG045892.D
 Acq: 30 Jun 2020 20:07

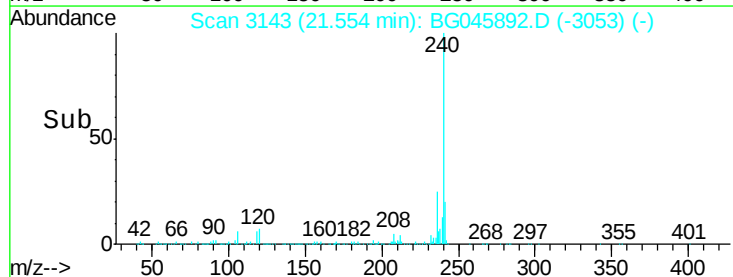
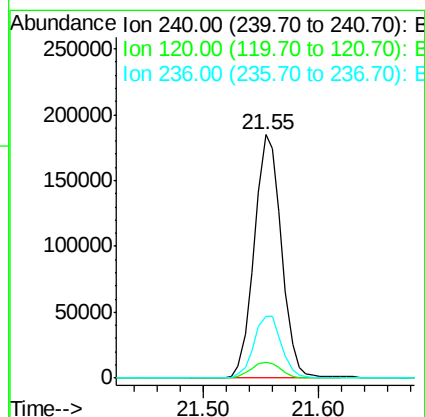
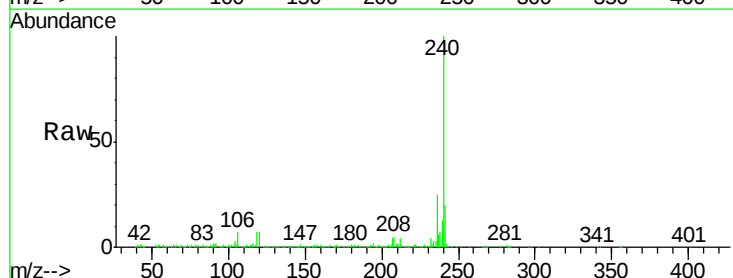
Instrument :
 BNA_G
 ClientSampleId :
 SP2-E

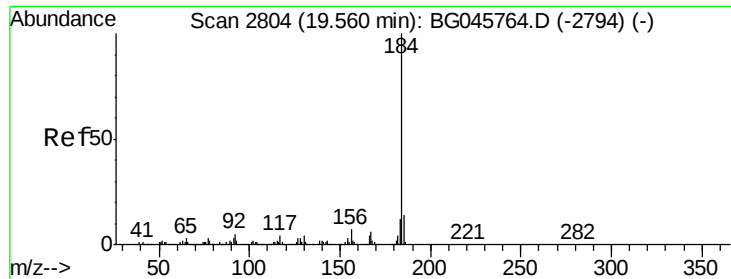
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.9	76.3#
264	0.0	49.8	74.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG045892.D
 Acq: 30 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.6	8.4
236	25.3	21.3	31.9





#77

Benzidine

Concen: 2.909 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.38 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

Instrument :

BNA_G

ClientSampleId :

SP2-E

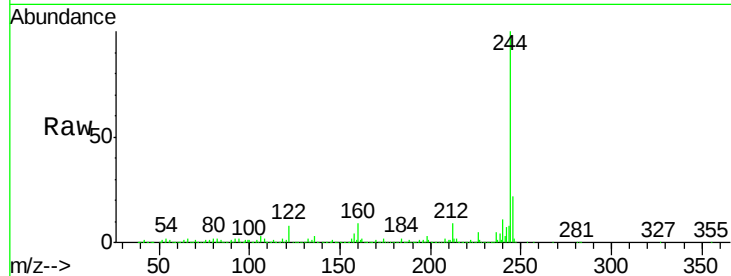
Tot Ion:184 Resp: 22953

Ion Ratio Lower Upper

184 100

185 17.0 10.6 15.8#

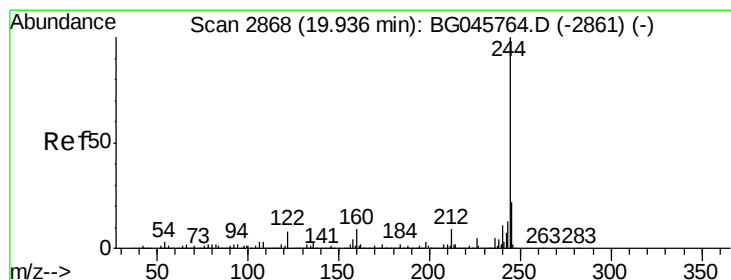
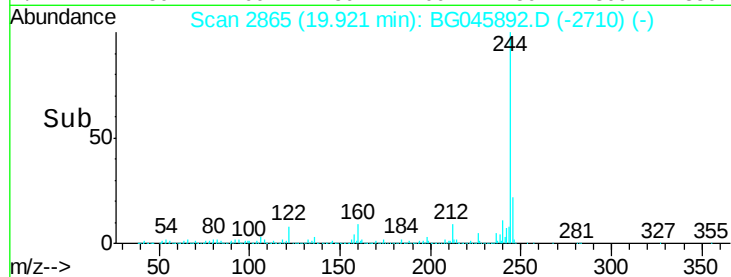
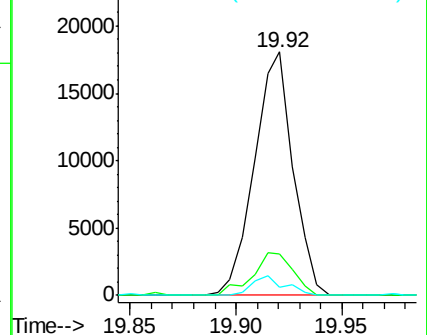
183 3.5 10.1 15.1#



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: 84.886 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG045892.D

Acq: 30 Jun 2020 20:07

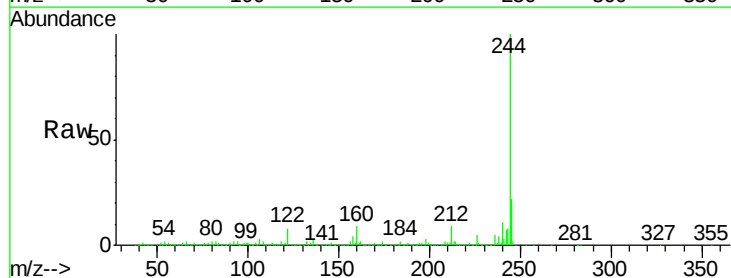
Tgt Ion:244 Resp: 1271472

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

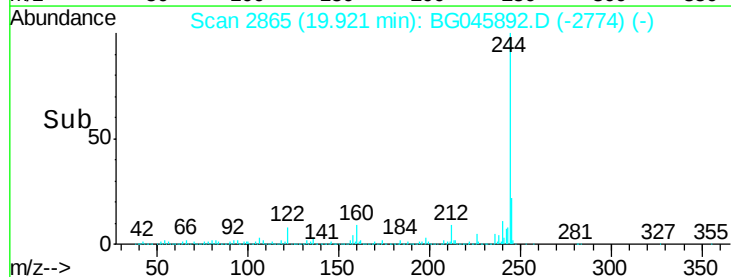
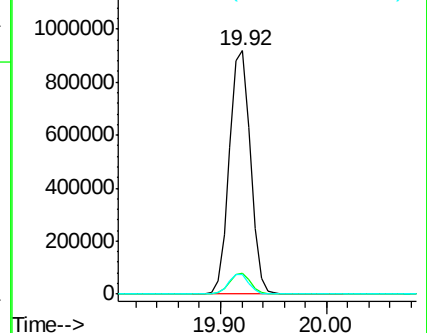
122 8.0 6.9 10.3

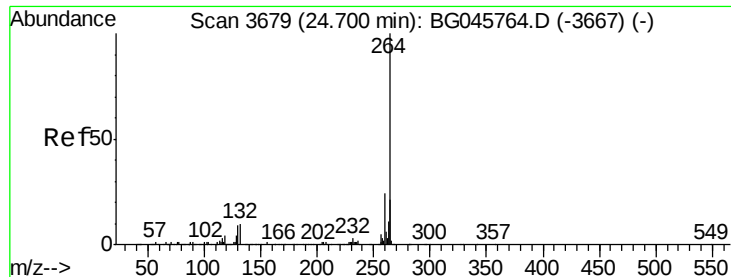


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG045892.D
Acq: 30 Jun 2020 20:07

Instrument :
BNA_G
ClientSampleId :
SP2-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.4	17.4	26.0

