

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045020.D
 Acq On : 17 Apr 2020 00:09
 Operator : CG/JU
 Sample : L2213-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

Quant Time: Apr 17 04:41:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

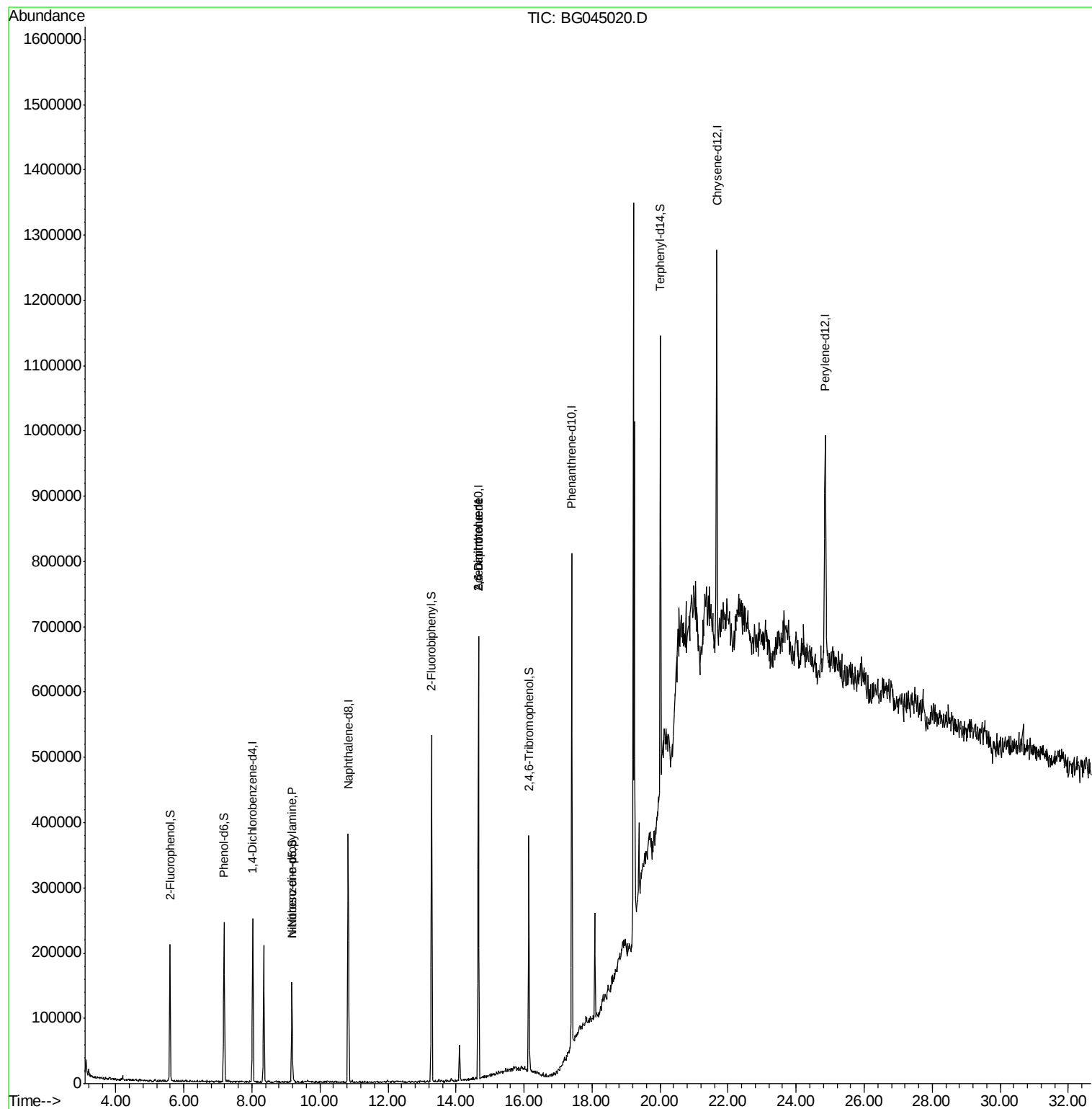
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	74875	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	342547	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	248335	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	485039	20.00	ng	0.00
76) Chrysene-d12	21.66	240	365859	20.00	ng	0.00
87) Perylene-d12	24.85	264	414093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	101855	22.46	ng	0.00
7) Phenol-d6	7.18	99	160409	23.81	ng	0.00
23) Nitrobenzene-d5	9.18	82	107848	14.37	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	77290	20.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	290400	17.15	ng	0.00
79) Terphenyl-d14	20.01	244	333660	19.88	ng	0.00
Target Compounds						
9) Benzaldehyde	7.17	77	254	Below Cal	#	36
19) n-Nitroso-di-n-propylamine	9.18	70	13950	2.927 ng	#	77
51) 2,6-Dinitrotoluene	14.66	165	31659	7.000 ng	#	25
57) 2,4-Dinitrotoluene	14.66	165	31659	4.790 ng	#	23
69) Atrazine	16.86	200	79	Below Cal	#	35
74) Di-n-butylphthalate	18.37	149	1245	Below Cal	#	70
75) Fluoranthene	19.46	202	4836	Below Cal	#	74
77) Benzidine	19.64	184	375	Below Cal	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045020.D
Acq On : 17 Apr 2020 00:09
Operator : CG/JU
Sample : L2213-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Quant Time: Apr 17 04:41:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



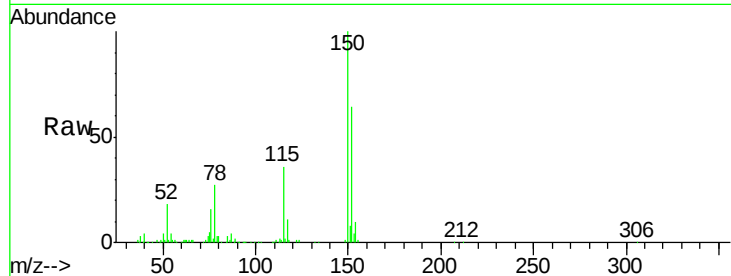


#1

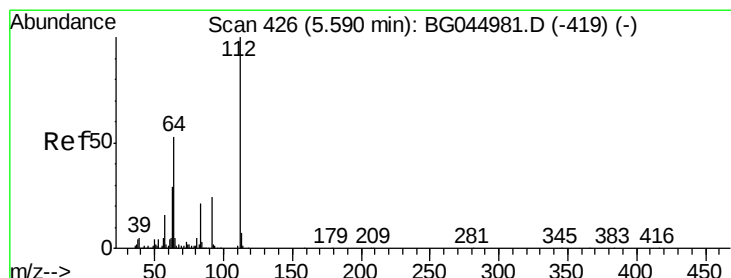
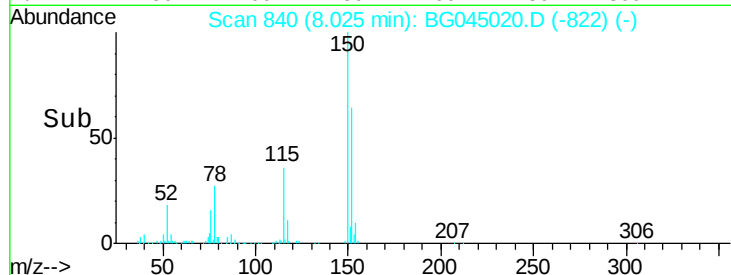
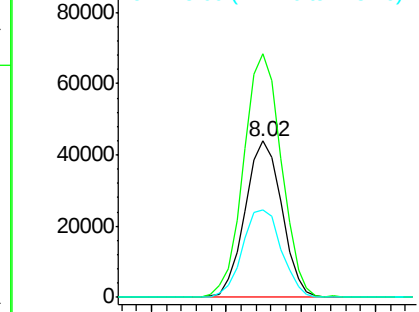
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tot Ion:152 Resp: 74875
Ion Ratio Lower Upper
152 100
150 155.7 123.6 185.4
115 56.3 49.1 73.7



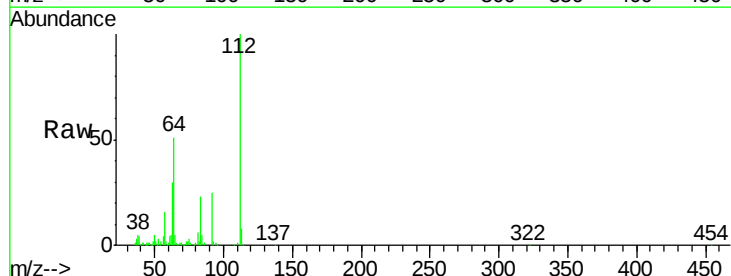
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



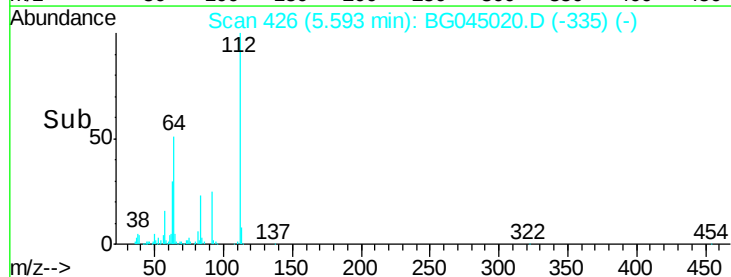
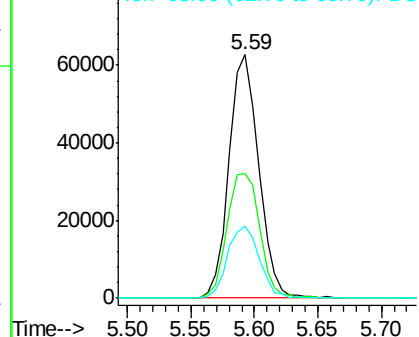
#5

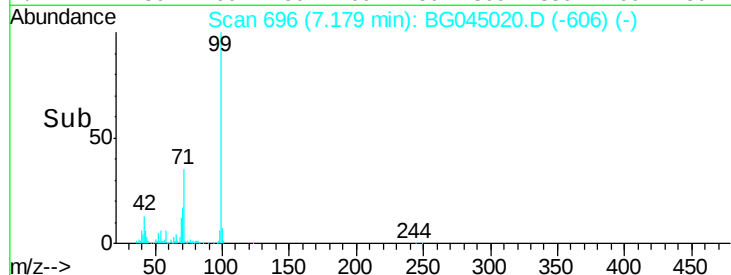
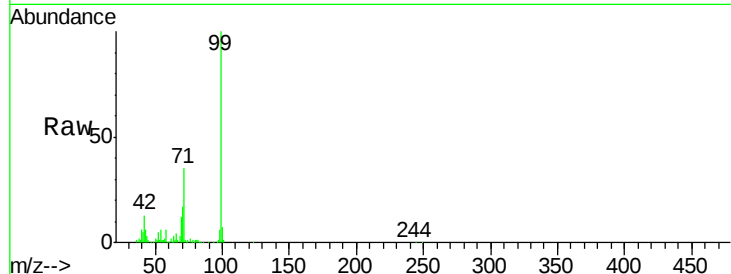
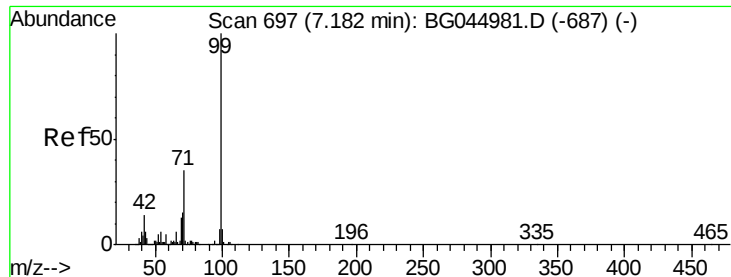
2-Fluorophenol
Concen: 22.458 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Tgt Ion:112 Resp: 101855
Ion Ratio Lower Upper
112 100
64 51.0 42.4 63.6
63 29.6 23.1 34.7



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: 23.806 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

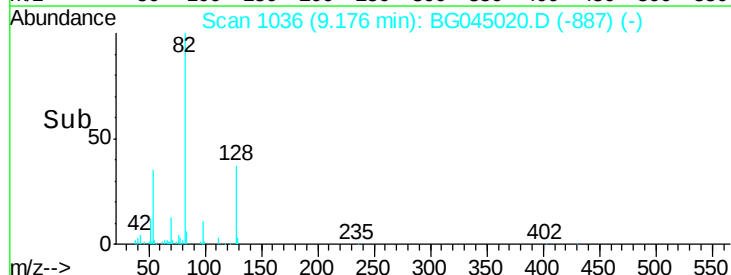
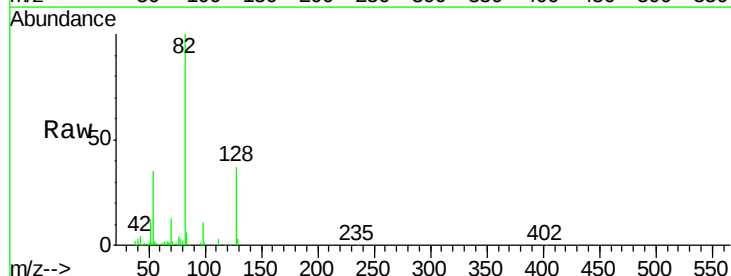
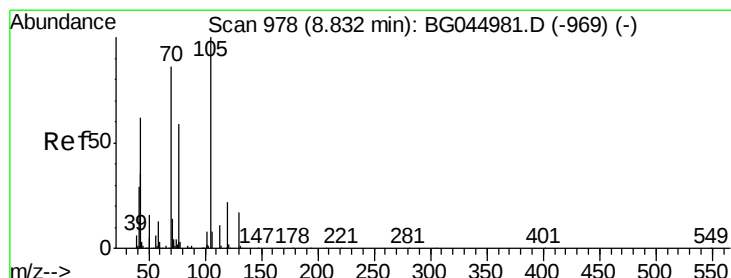
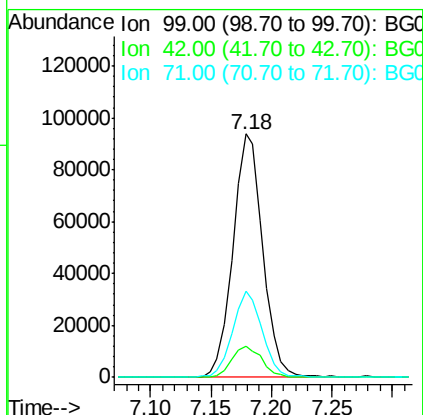
Tot Ion: 99 Resp: 160409

Ion Ratio Lower Upper

99 100

42 12.9 11.3 16.9

71 35.5 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.927 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.34 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Tgt Ion: 70 Resp: 13950

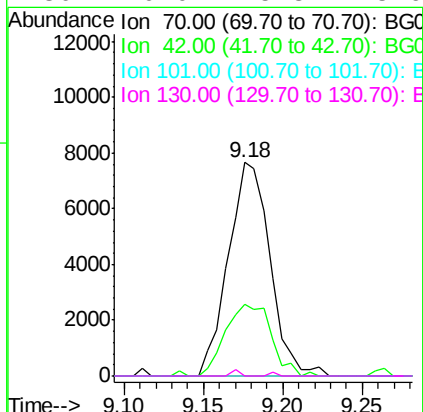
Ion Ratio Lower Upper

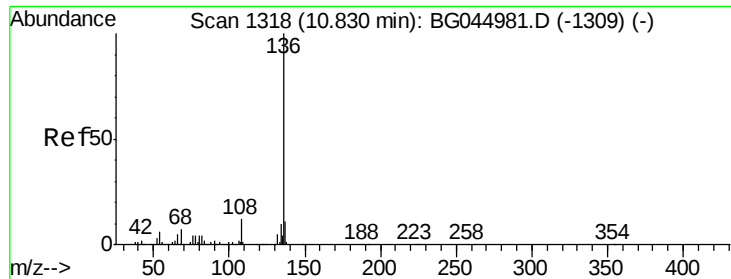
70 100

42 33.5 33.3 49.9

101 0.0 7.8 11.8#

130 0.0 15.8 23.6#

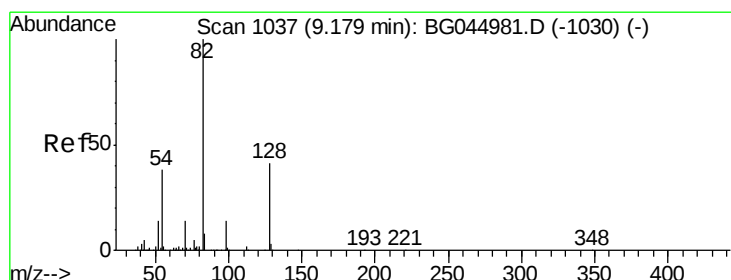
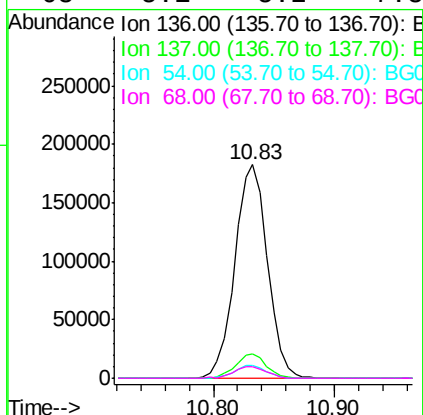
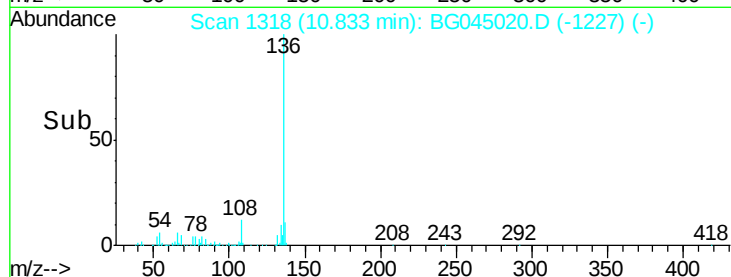
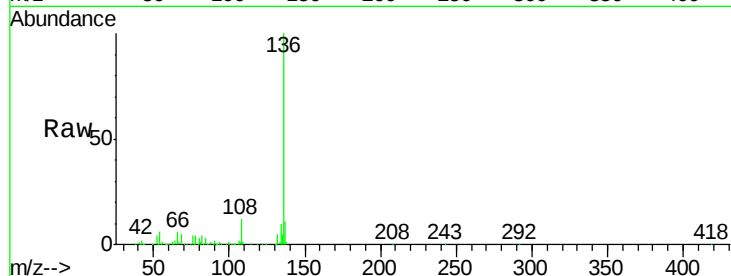




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

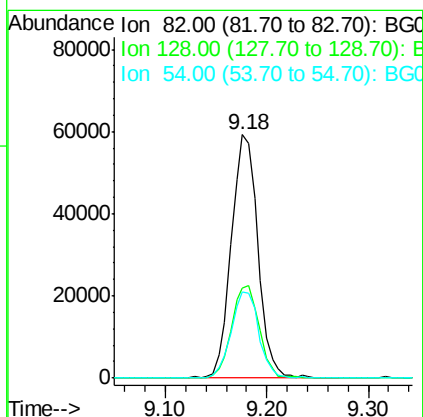
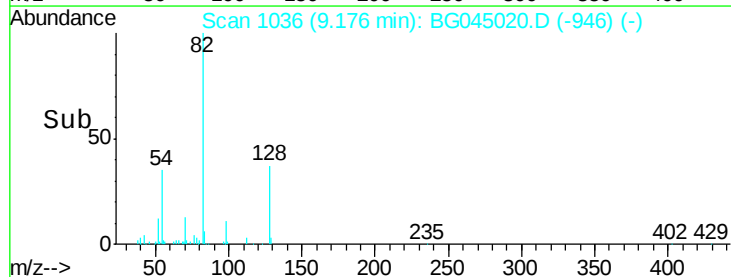
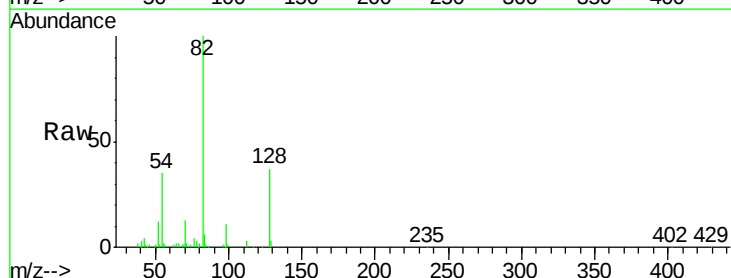
Instrument :
BNA_G
ClientSampleId :
TR-04-041420

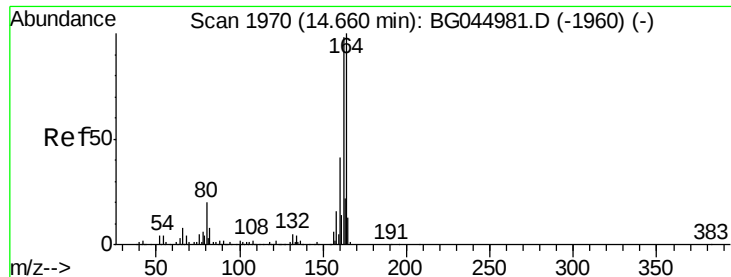
Tot Ion:136	Resp:	342547
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.6	13.0
54 6.0	4.8	7.2
68 5.1	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 14.366 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Tgt Ion: 82	Resp: 107848
Ion Ratio	Lower Upper
82 100	
128 36.9	33.0 49.4
54 35.4	30.4 45.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

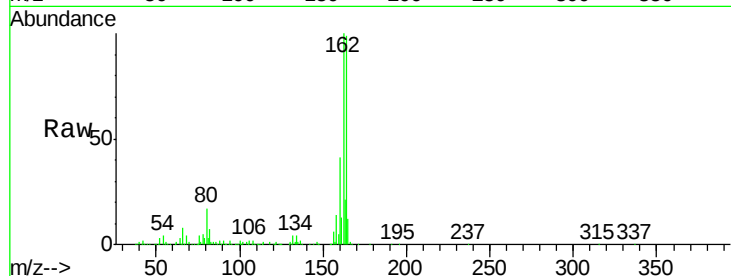
BNA_G

ClientSampleId :

TR-04-041420

Tot Ion:164 Resp: 248335

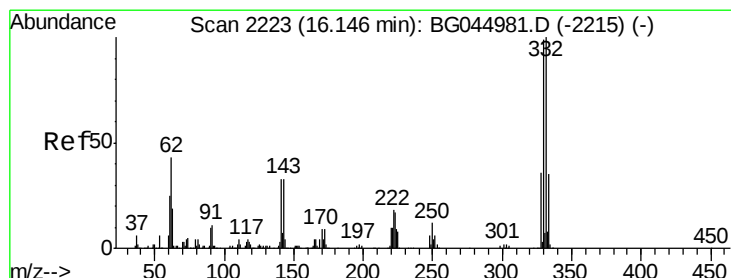
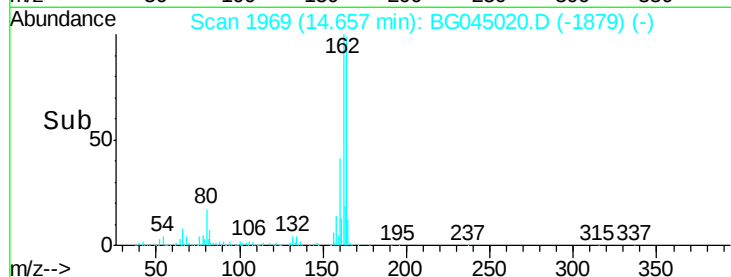
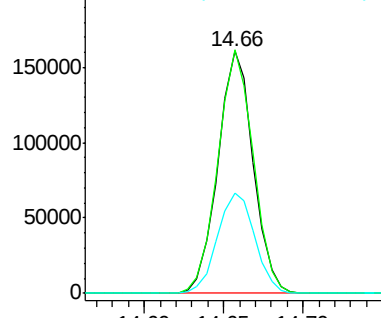
Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.7	118.1
160	41.2	32.8	49.2



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: 20.146 ng

RT: 16.14 min Scan# 2222

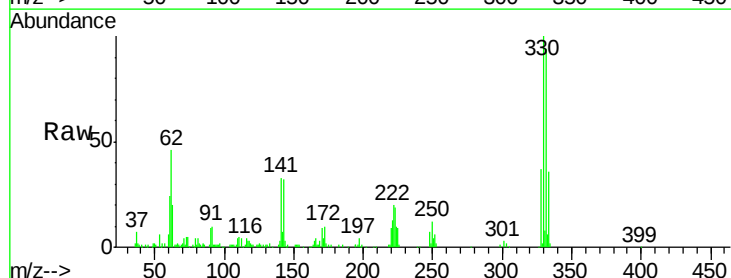
Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Tgt Ion:330 Resp: 77290

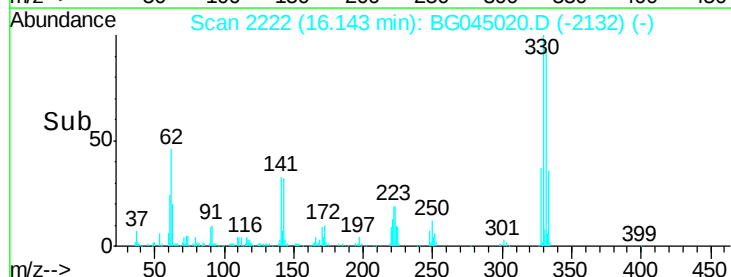
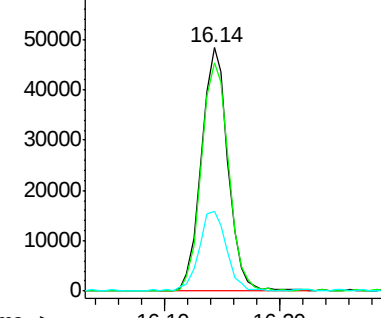
Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	33.7	27.1	40.7

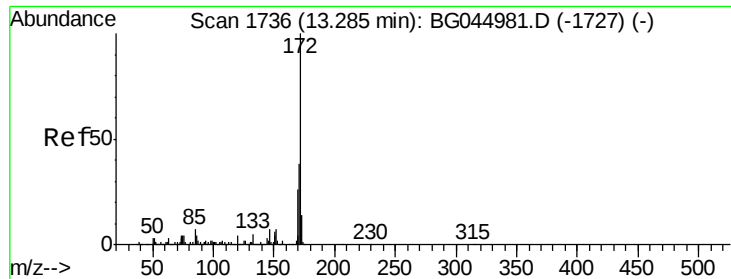


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

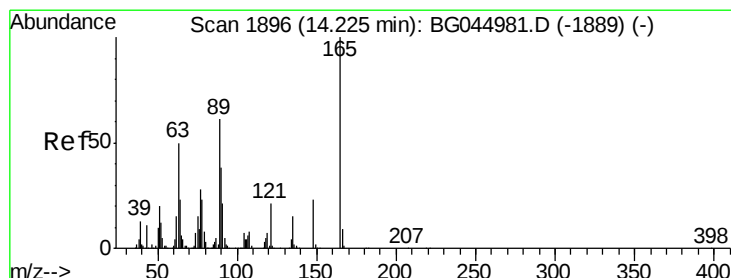
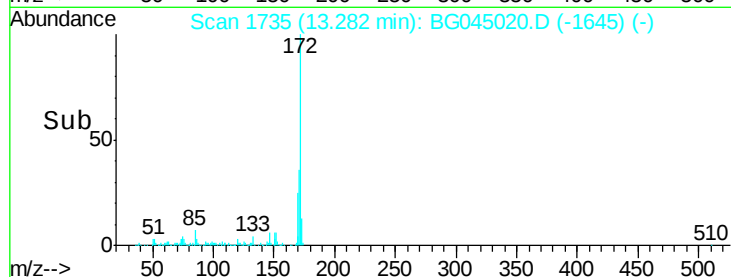
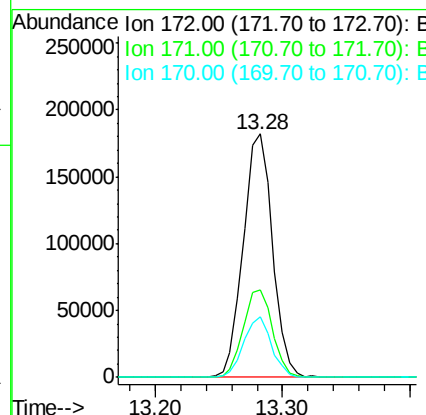
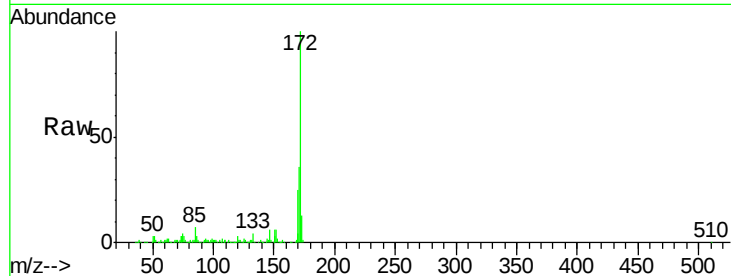




#45
2-Fluorobiphenyl
Concen: 17.147 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

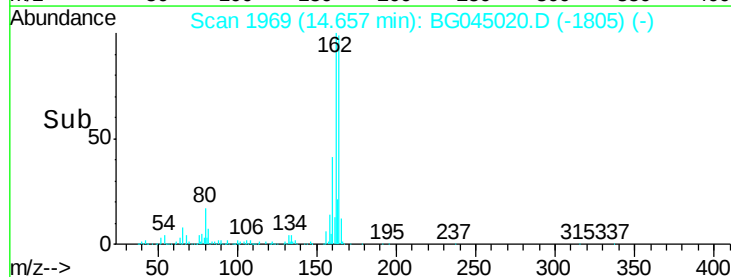
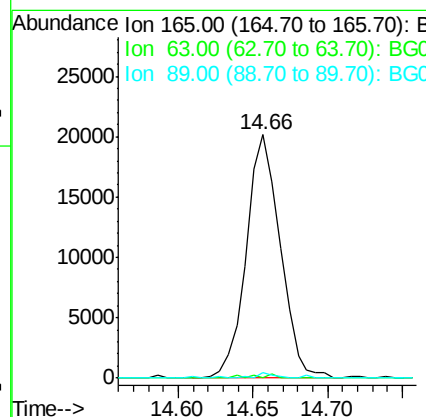
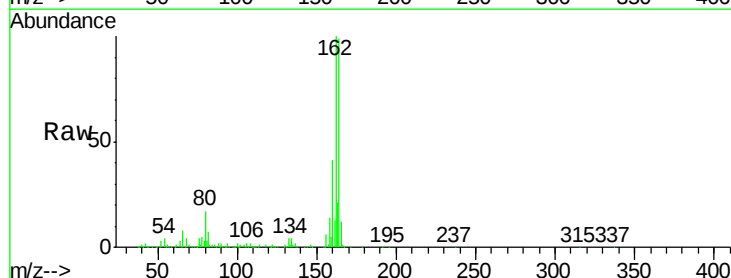
Instrument :
BNA_G
ClientSampleId :
TR-04-041420

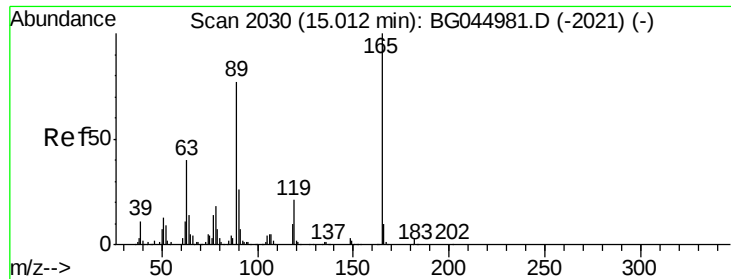
Tot Ion:172 Resp: 290400
Ion Ratio Lower Upper
172 100
171 35.8 30.6 46.0
170 25.0 20.5 30.7



#51
2,6-Dinitrotoluene
Concen: 7.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Tgt Ion:165 Resp: 31659
Ion Ratio Lower Upper
165 100
63 0.0 40.4 60.6#
89 2.5 49.1 73.7#

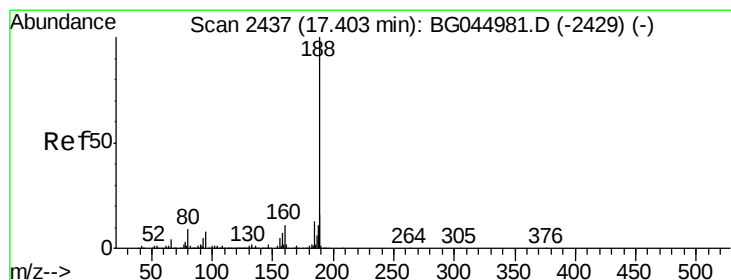
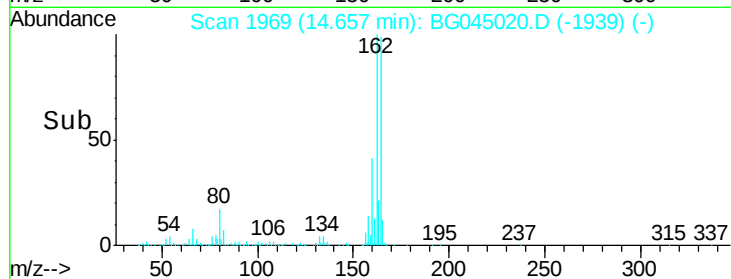
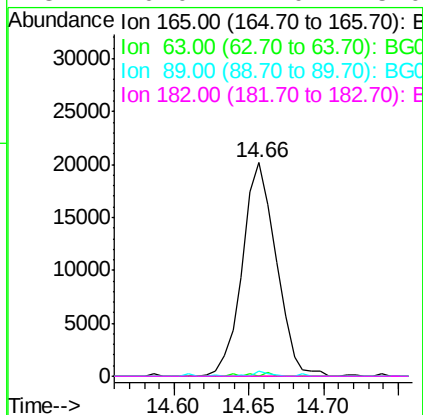
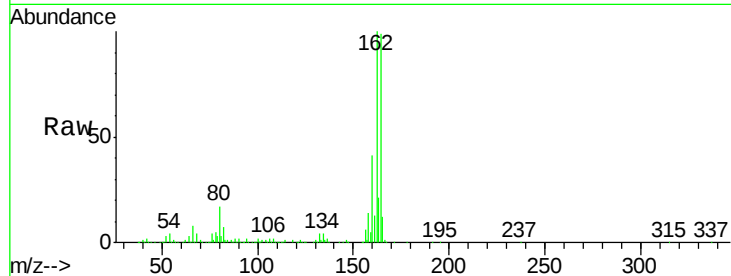




#57
 2,4-Dinitrotoluene
 Concen: 4.790 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.36 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

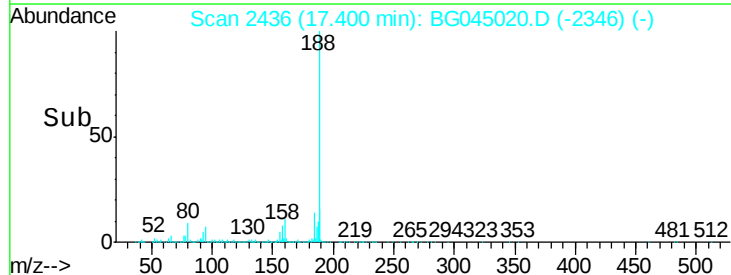
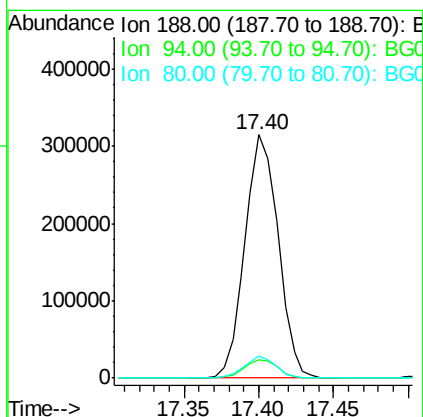
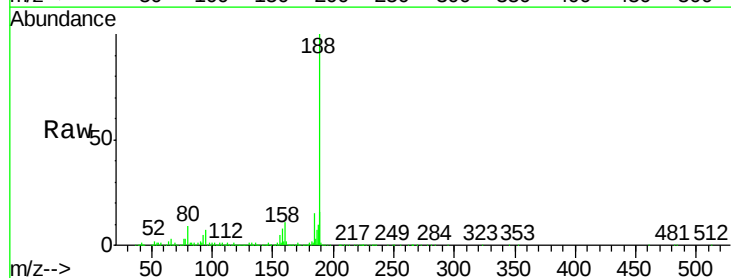
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-041420

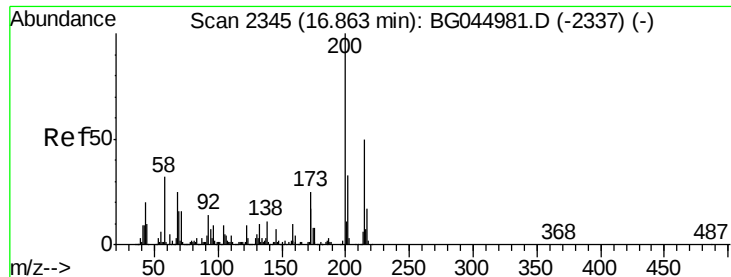
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.5	61.7	92.5#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG045020.D
 Acq: 17 Apr 2020 00:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	9.3	7.0	10.6





#69

Atrazine

Concen: Below Cal

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

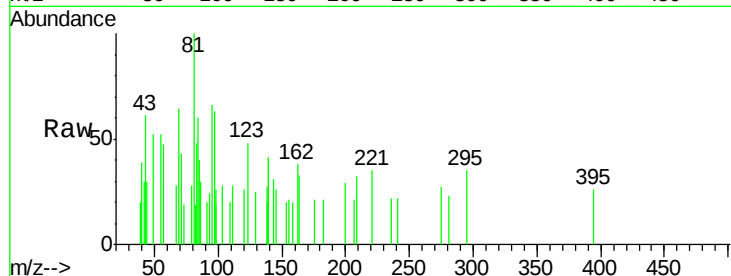
Tot Ion:200 Resp: 79

Ion Ratio Lower Upper

200 100

173 0.0 4.5 44.5#

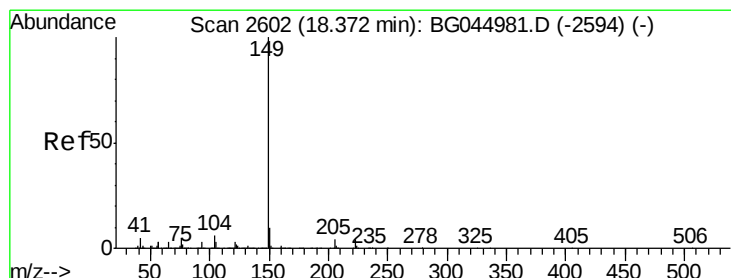
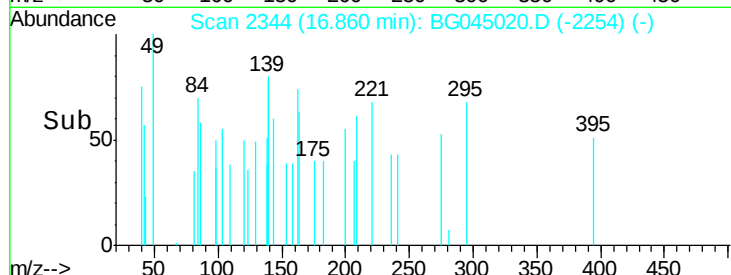
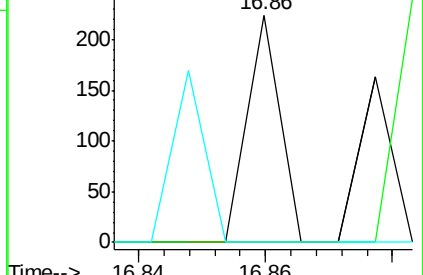
215 0.0 30.0 70.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

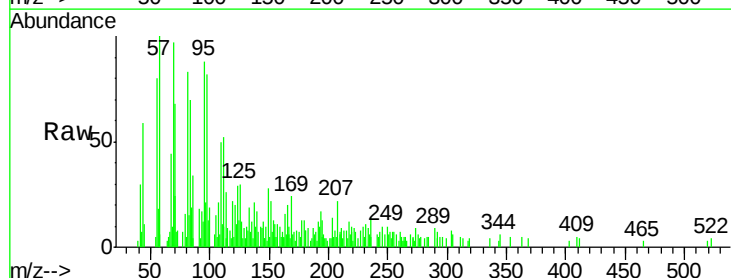
Tgt Ion:149 Resp: 1245

Ion Ratio Lower Upper

149 100

150 18.1 8.2 12.2#

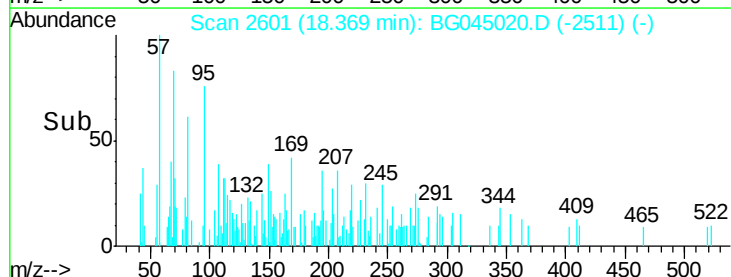
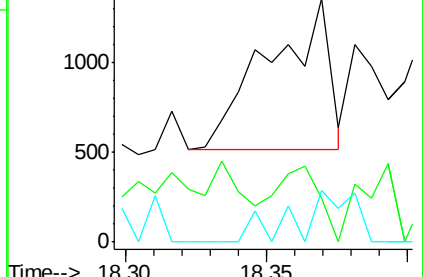
104 21.4 4.8 7.2#

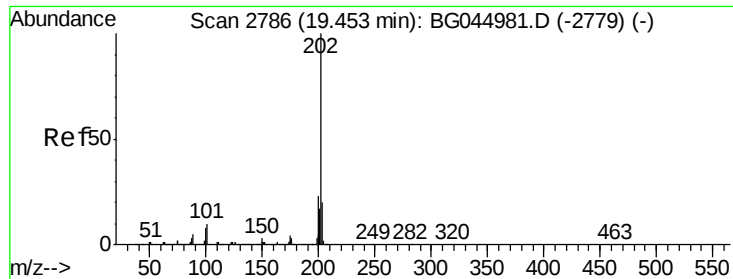


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

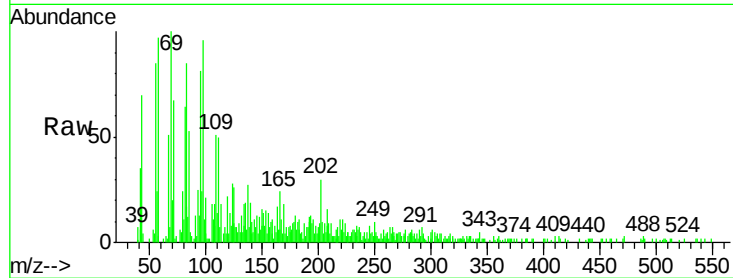
Tot Ion:202 Resp: 4836

Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.6

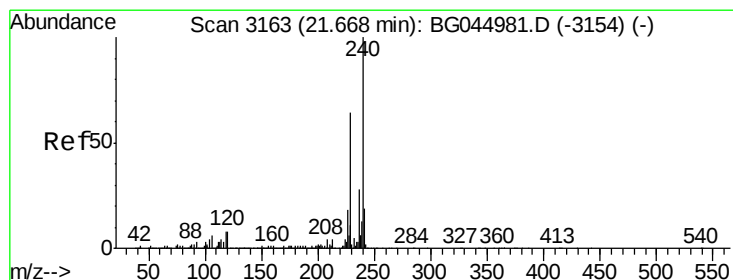
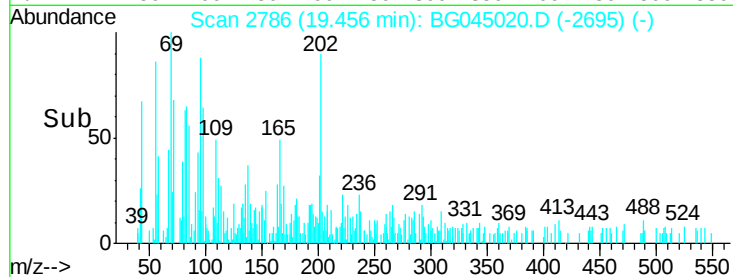
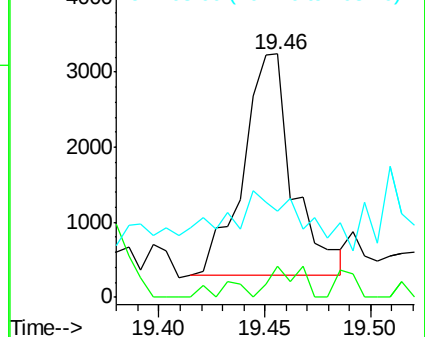
203 35.2 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

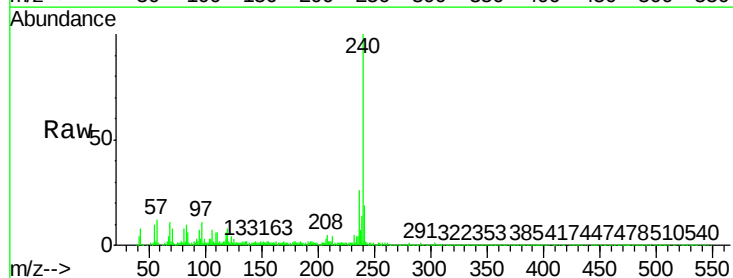
Tgt Ion:240 Resp: 365859

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

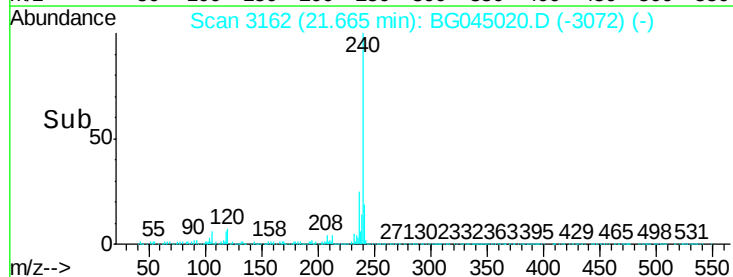
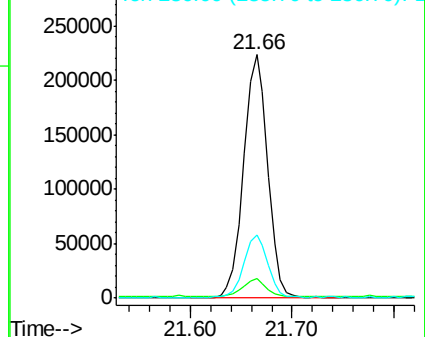
236 25.8 22.2 33.2

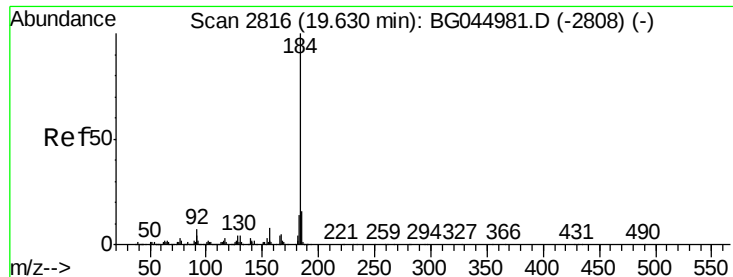


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.64 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

Instrument :

BNA_G

ClientSampleId :

TR-04-041420

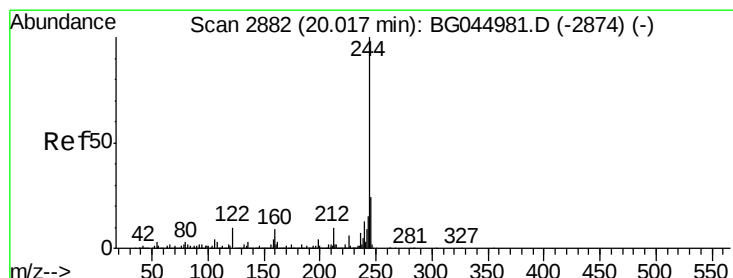
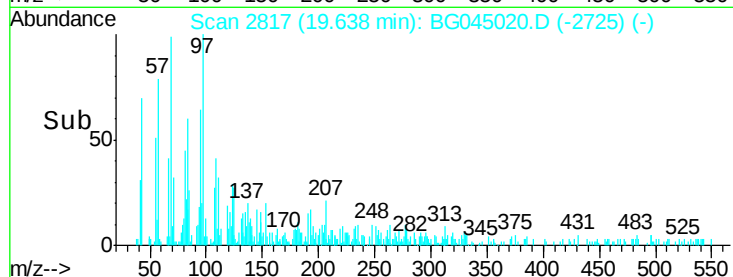
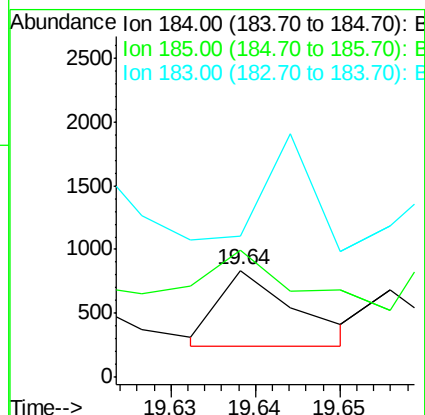
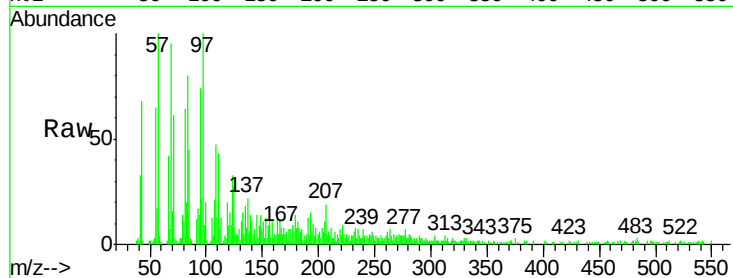
Tot Ion:184 Resp: 375

Ion Ratio Lower Upper

184 100

185 119.0 12.6 19.0#

183 132.3 11.3 16.9#



#79

Terphenyl-d14

Concen: 19.877 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045020.D

Acq: 17 Apr 2020 00:09

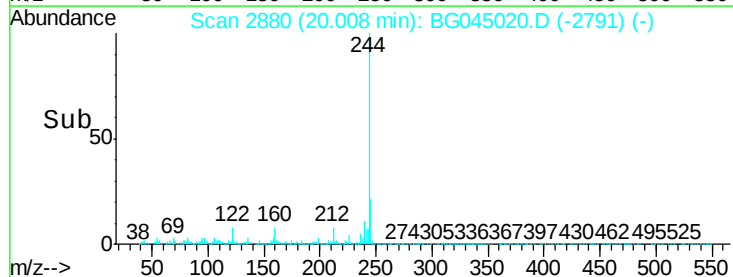
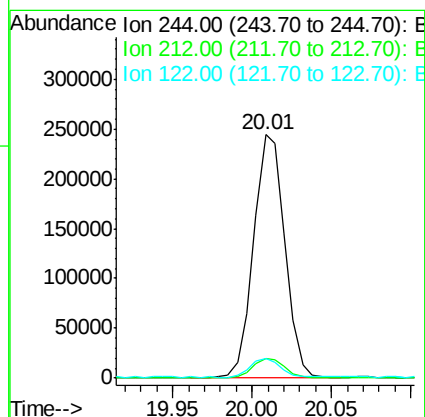
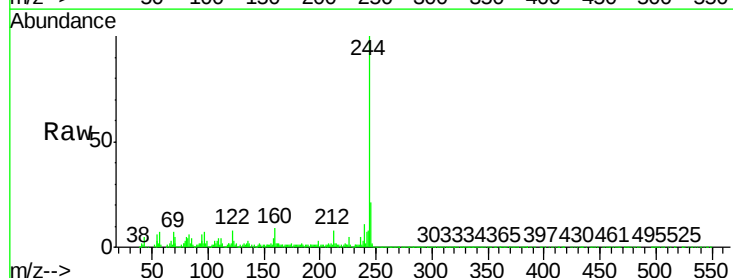
Tgt Ion:244 Resp: 333660

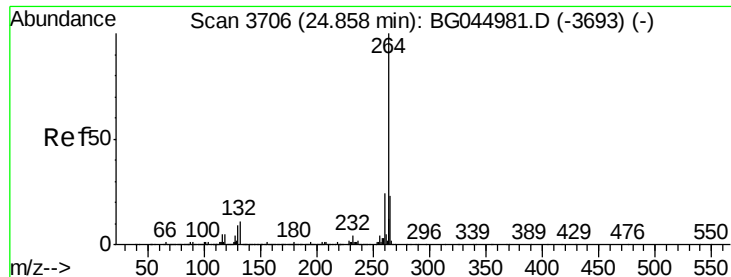
Ion Ratio Lower Upper

244 100

212 7.8 7.9 11.9#

122 8.1 7.7 11.5

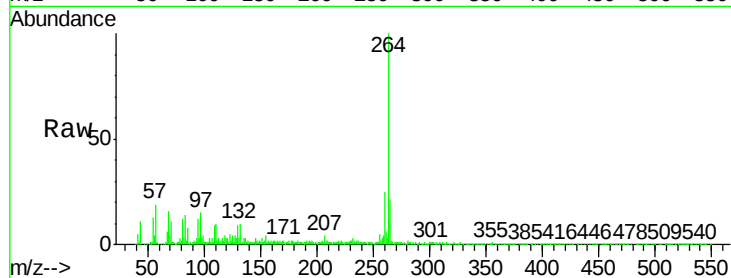




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045020.D
Acq: 17 Apr 2020 00:09

Instrument :
BNA_G
ClientSampleId :
TR-04-041420

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	19.0	28.4



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

