

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045581.D
 Acq On : 3 Jun 2020 14:59
 Operator : CG/JU
 Sample : PB129255BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 16:05:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

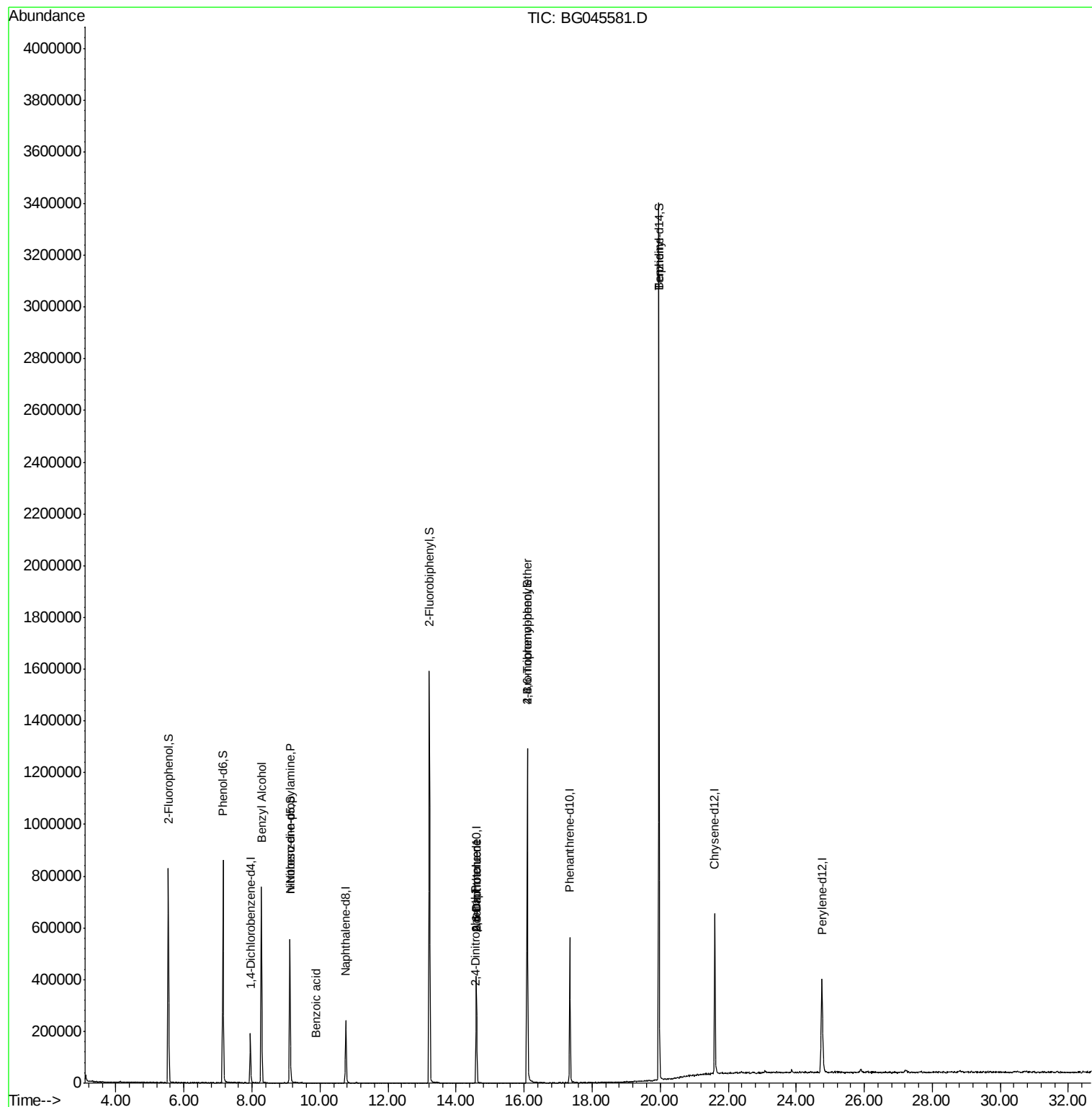
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	56175	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	224798	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	161470	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	388329	20.00	ng	0.00
76) Chrysene-d12	21.60	240	418392	20.00	ng	0.00
87) Perylene-d12	24.76	264	432930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	402206	139.93	ng	0.00
7) Phenol-d6	7.15	99	561255	137.19	ng	0.00
23) Nitrobenzene-d5	9.11	82	397132	96.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	288692	139.80	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	908211	95.41	ng	0.00
79) Terphenyl-d14	19.97	244	1724688	96.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.28	79	6940	2.053	ng	# 47
19) n-Nitroso-di-n-propylamine	9.12	70	53266	18.828	ng	# 84
32) Benzoic acid	9.87	122	58	10.047	ng	# 1
51) 2,6-Dinitrotoluene	14.60	165	20297	8.121	ng	# 24
54) 2,4-Dinitrophenol	14.58	184	99	5.515	ng	# 89
57) 2,4-Dinitrotoluene	14.60	165	20297	5.607	ng	# 23
67) 4-Bromophenyl-phenylether	16.09	248	19253	4.579	ng	# 1
77) Benzidine	19.97	184	30498	2.595	ng	# 88

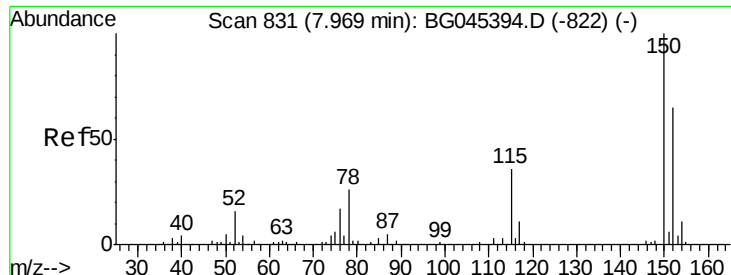
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
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BNA_G
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Quant Time: Jun 03 16:05:29 2020
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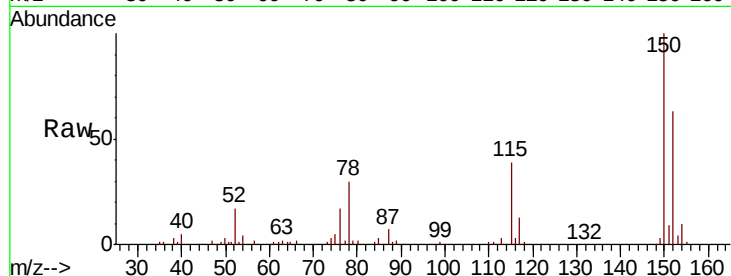


#1

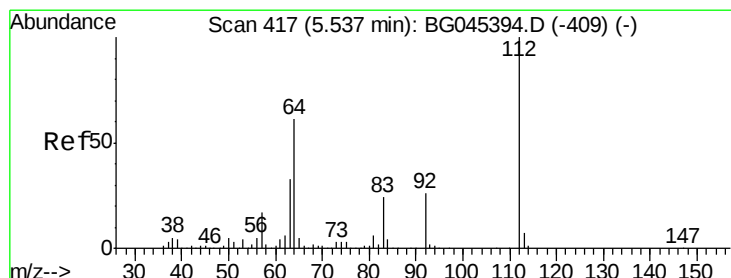
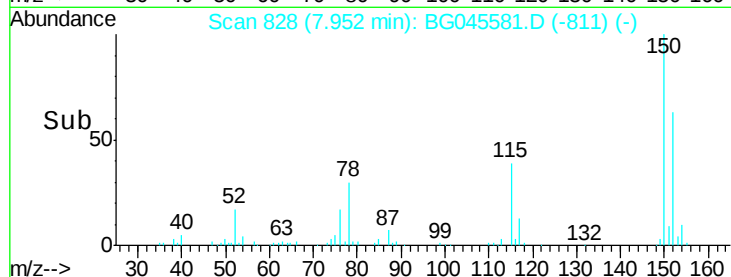
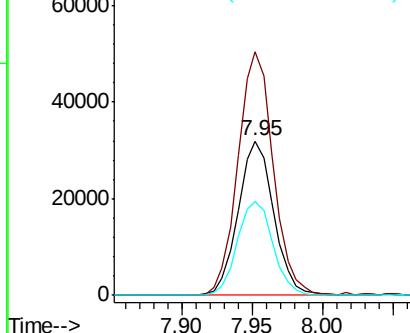
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.4	183.6
115	60.8	44.2	66.4



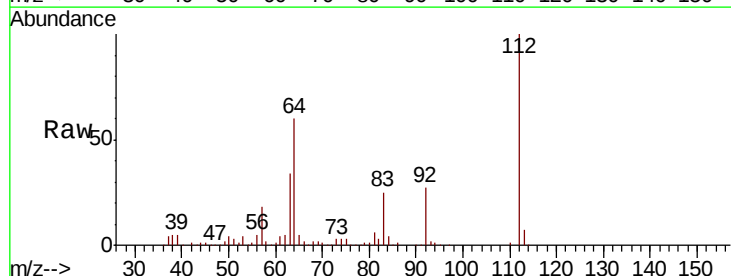
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



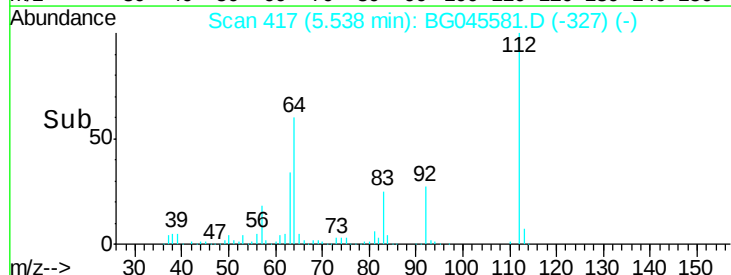
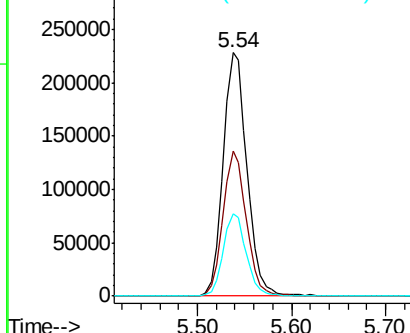
#5

2-Fluorophenol
Concen: 139.925 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.6	72.8
63	34.0	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 137.186 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Instrument :

BNA_G

ClientSampleId :

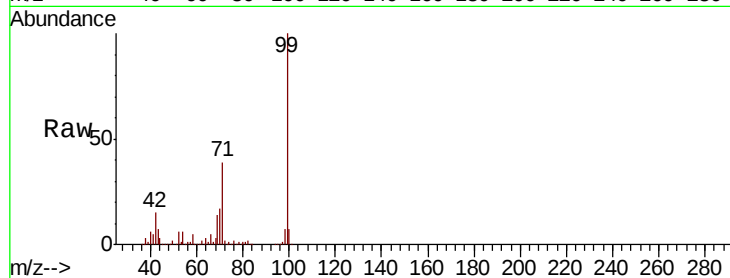
Tot Ion: 99 Resp: 561255

Ion Ratio Lower Upper

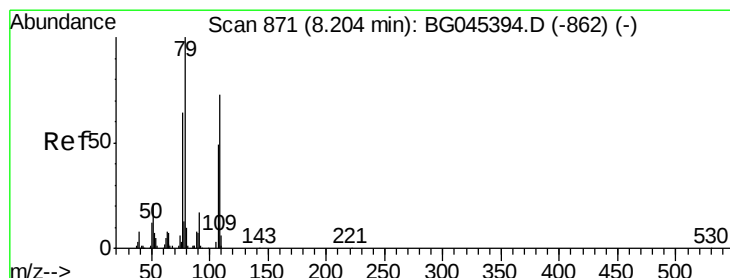
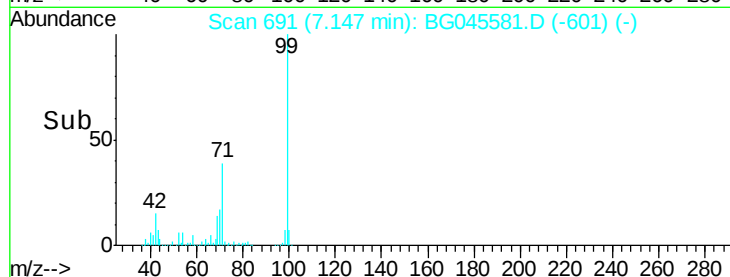
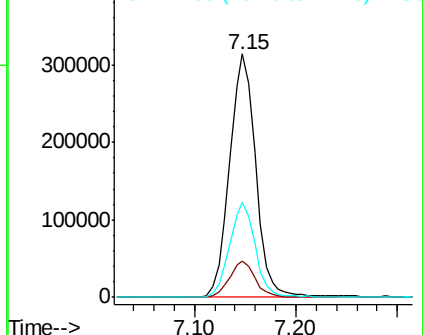
99 100

42 14.6 11.3 16.9

71 39.0 30.8 46.2



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: 2.053 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

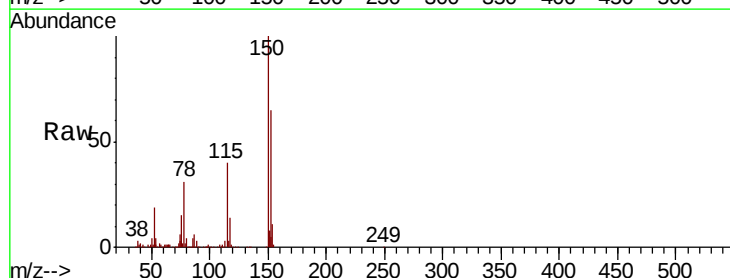
Tgt Ion: 79 Resp: 6940

Ion Ratio Lower Upper

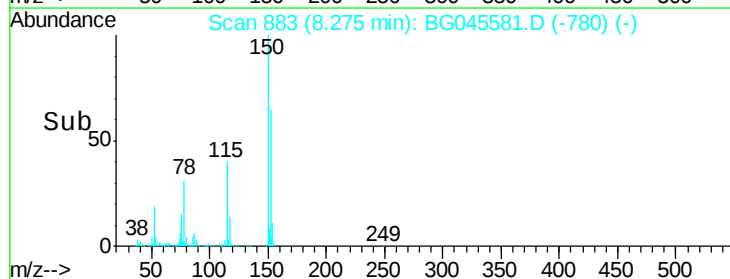
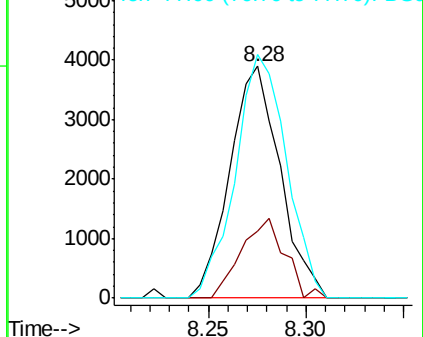
79 100

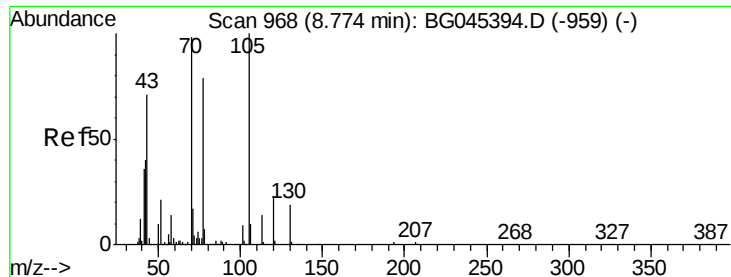
108 29.0 58.2 87.4#

77 105.2 51.0 76.4#



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

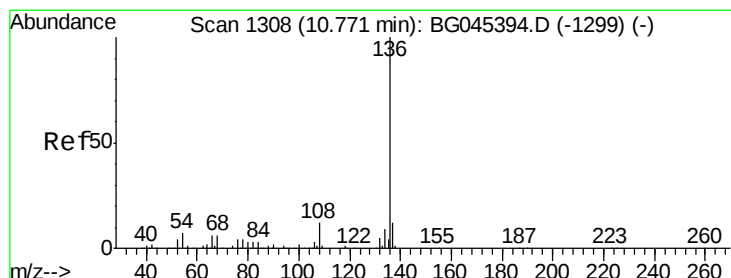
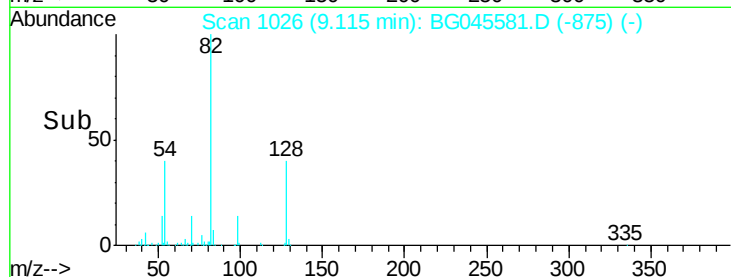
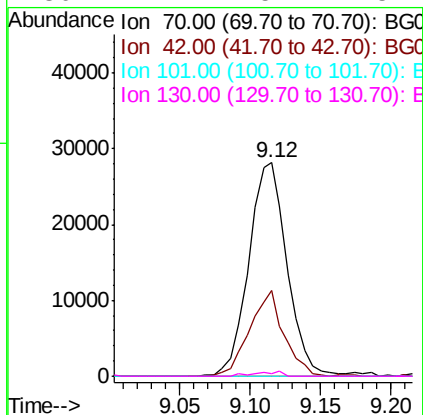
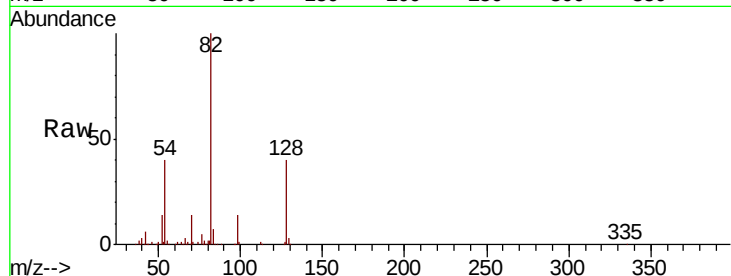




#19
n-Nitroso-di-n-propylamine
Concen: 18.828 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.36 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

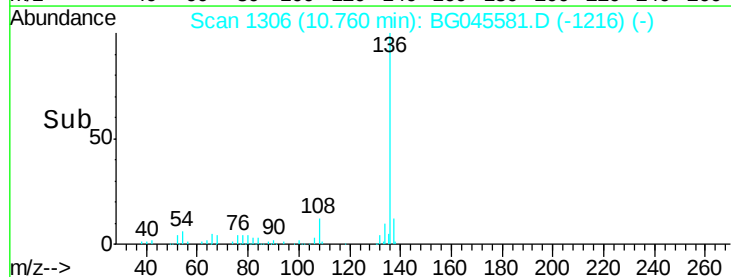
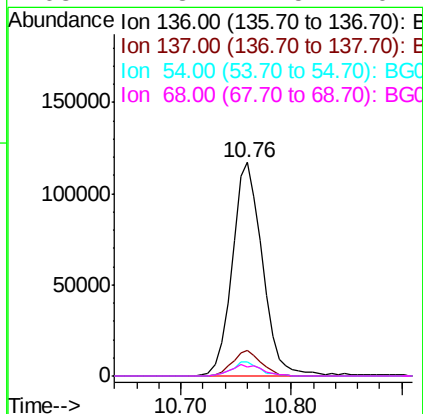
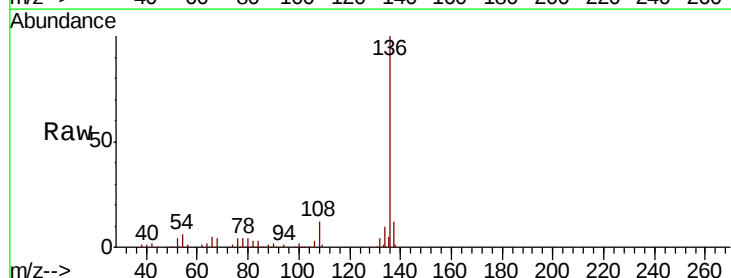
Instrument :
BNA_G
ClientSampleId :

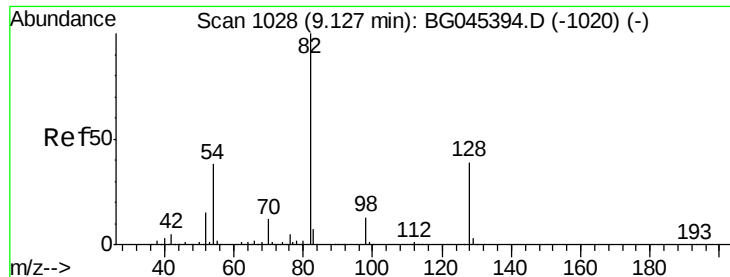
Tot Ion: 70 Resp: 53266
Ion Ratio Lower Upper
70 100
42 40.3 33.2 49.8
101 0.0 7.8 11.6#
130 1.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion: 136 Resp: 224798
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 6.3 5.8 8.6
68 4.3 4.5 6.7#

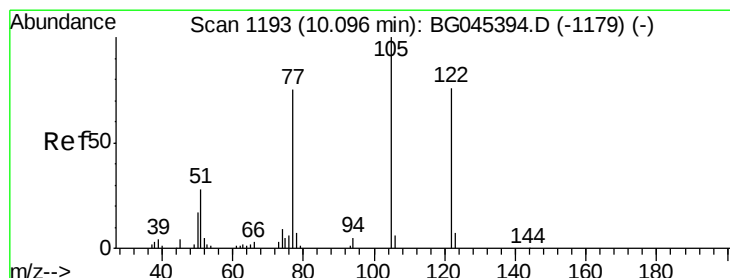
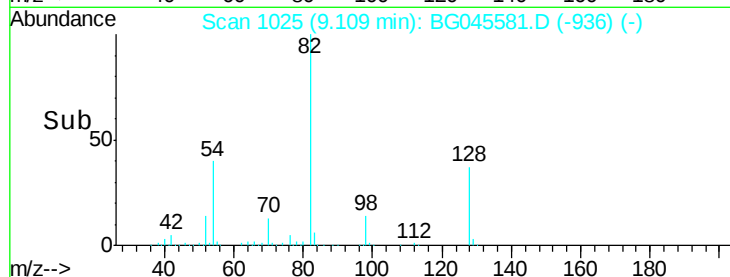
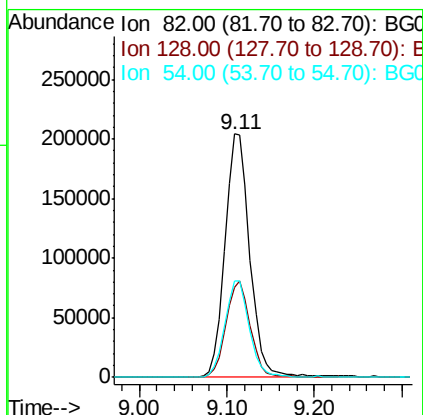
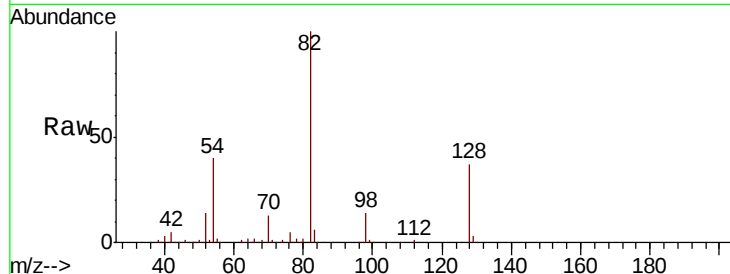




#23
Nitrobenzene-d5
Concen: 96.336 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

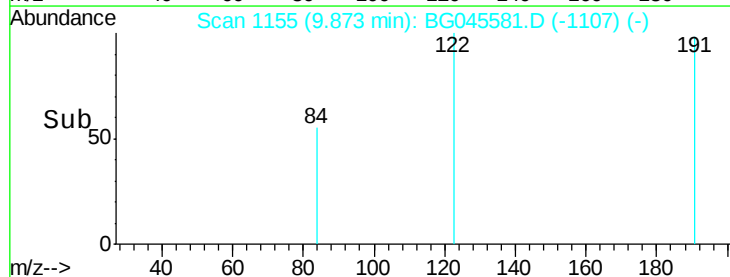
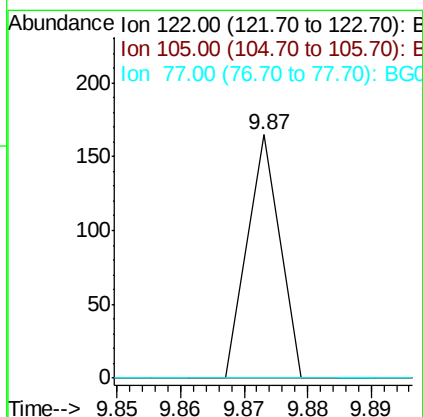
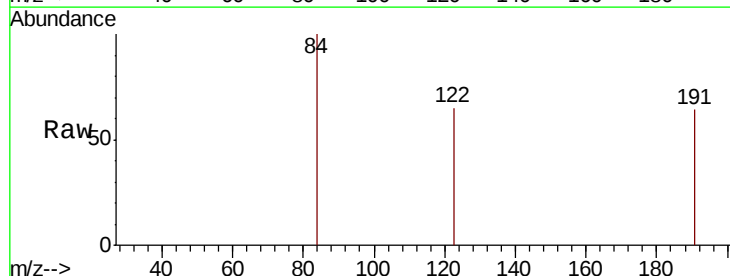
Instrument :
BNA_G
ClientSampleId :

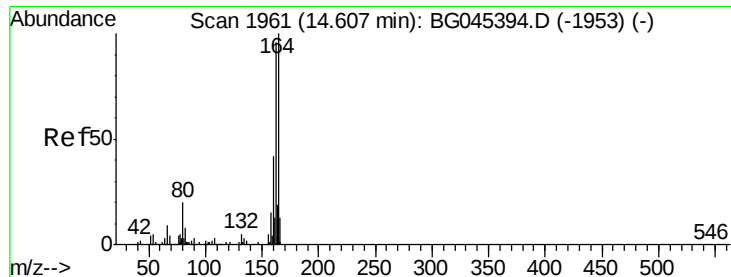
Tot Ion	82	Resp	397132
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.9	46.3
54	39.8	30.3	45.5



#32
Benzoic acid
Concen: 10.047 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.25 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion	122	Resp	58
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Instrument :

BNA_G

ClientSampleId :

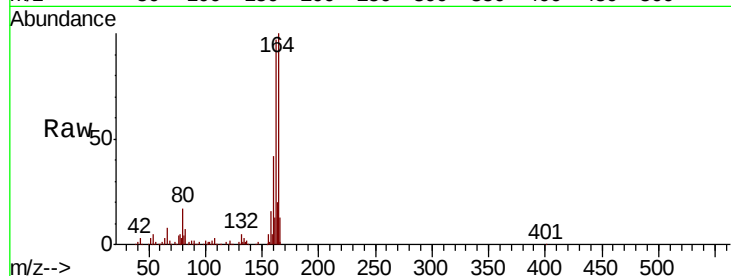
Tot Ion:164 Resp: 161470

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

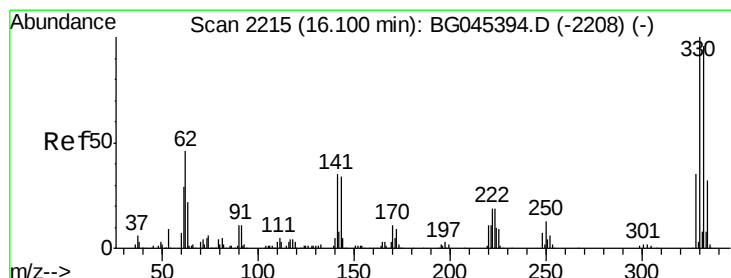
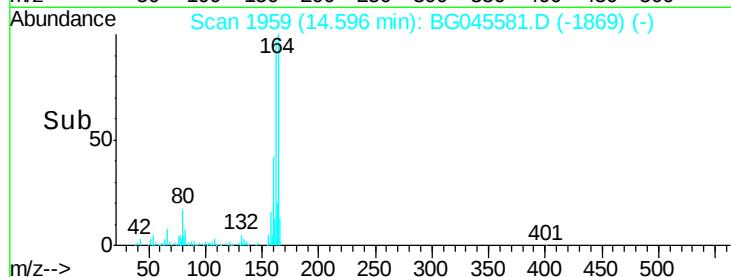
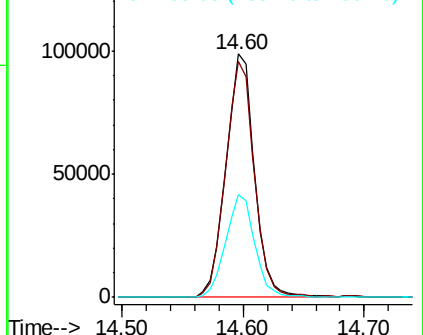
160 42.4 33.8 50.8



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: 139.801 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

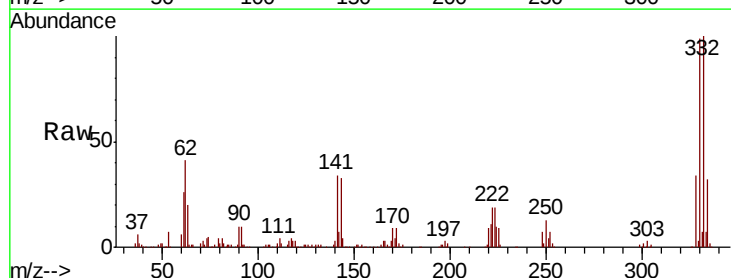
Tgt Ion:330 Resp: 288692

Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

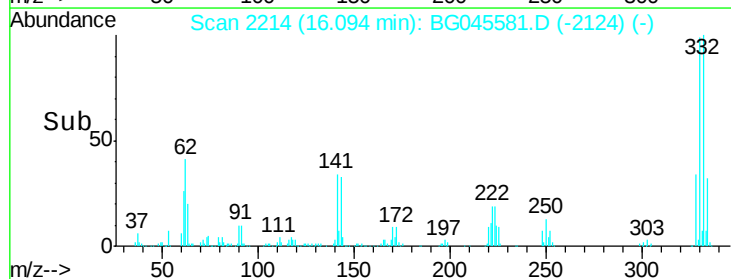
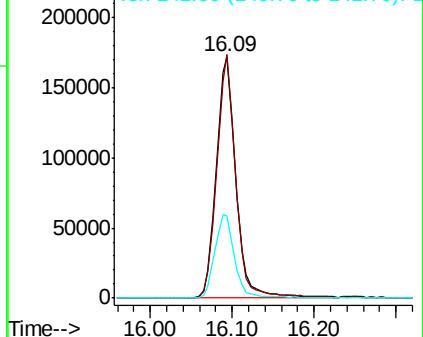
141 34.9 28.2 42.4

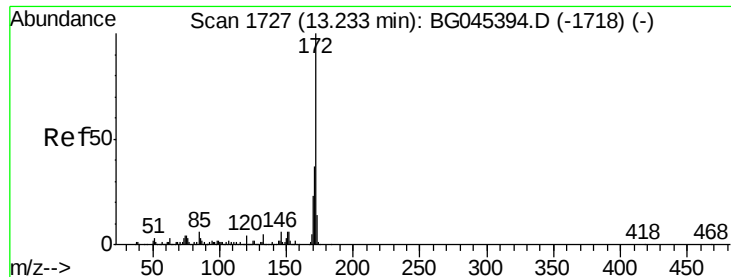


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

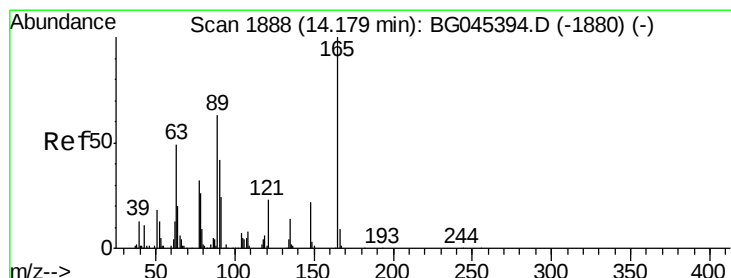
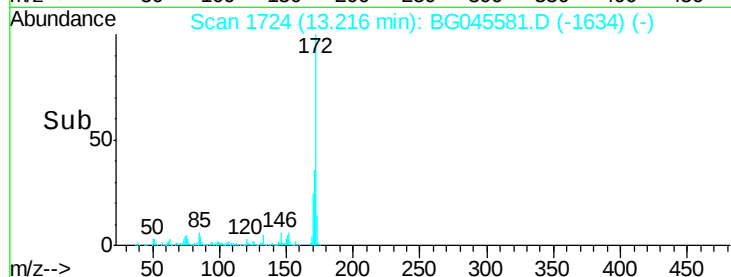
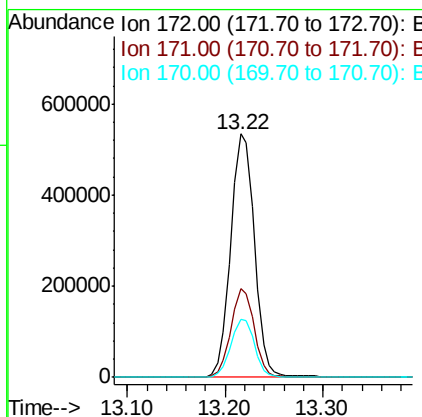
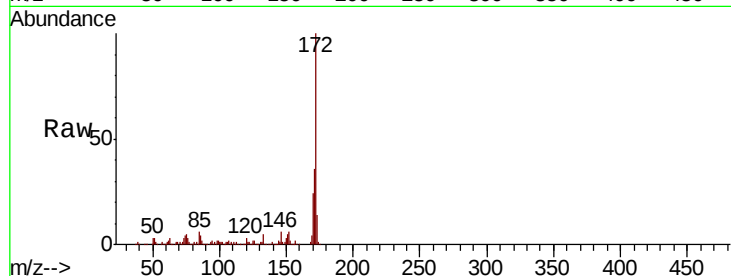




#45
2-Fluorobiphenyl
Concen: 95.406 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

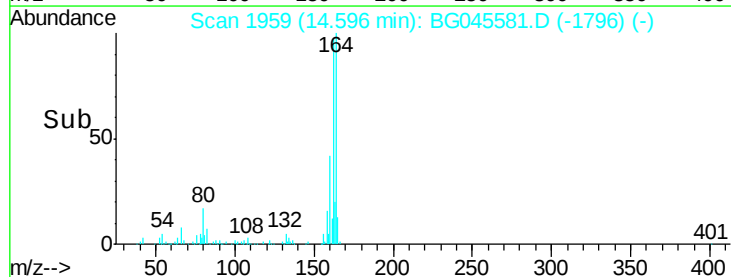
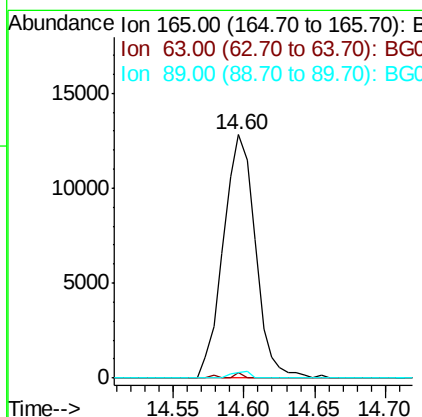
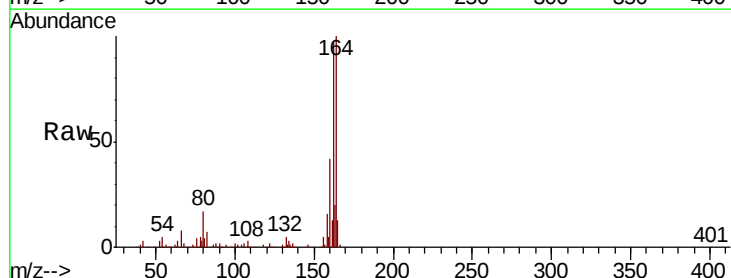
Instrument :
BNA_G
ClientSampleId :

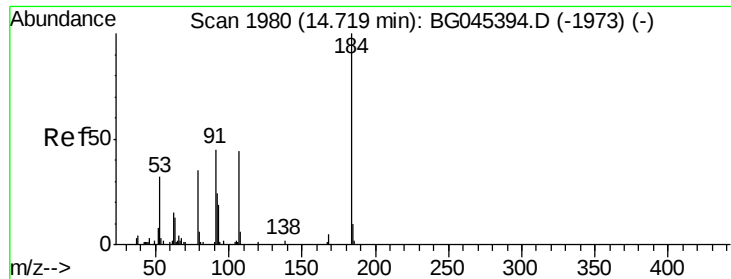
Tot Ion:172 Resp: 908211
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 23.7 18.5 27.7



#51
2,6-Dinitrotoluene
Concen: 8.121 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.43 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion:165 Resp: 20297
Ion Ratio Lower Upper
165 100
63 2.0 45.0 67.4#
89 2.1 50.2 75.4#

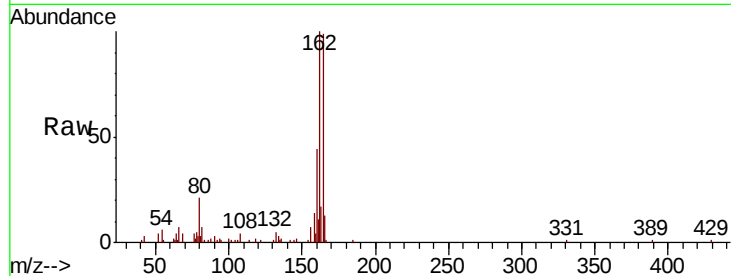




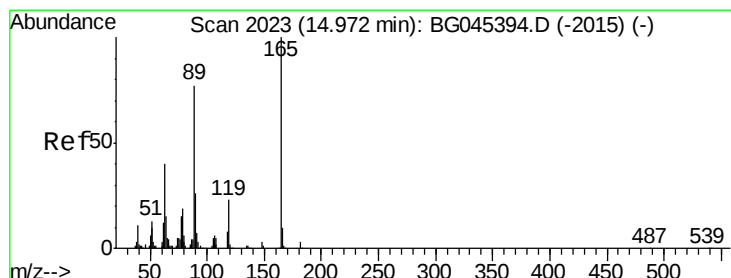
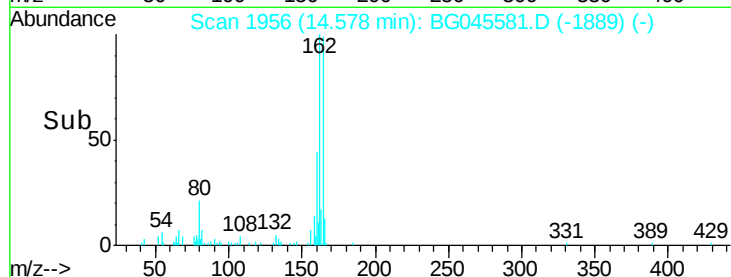
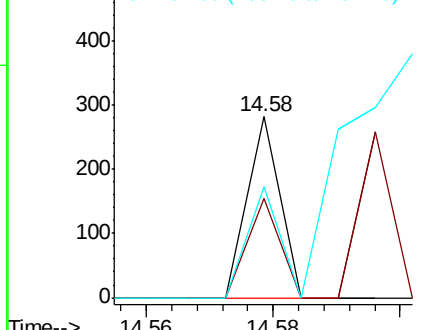
#54
2,4-Dinitrophenol
Concen: 5.515 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.13 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 99
Ion Ratio Lower Upper
184 100
63 54.6 47.8 71.6
154 61.3 58.3 87.5

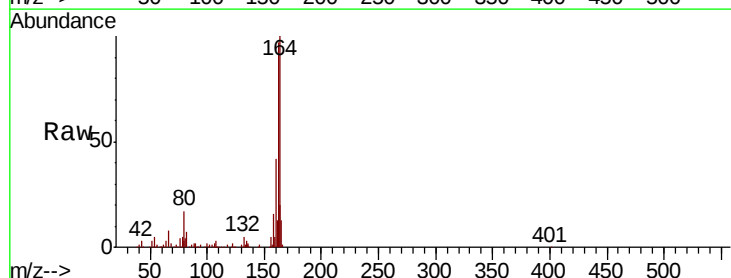


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

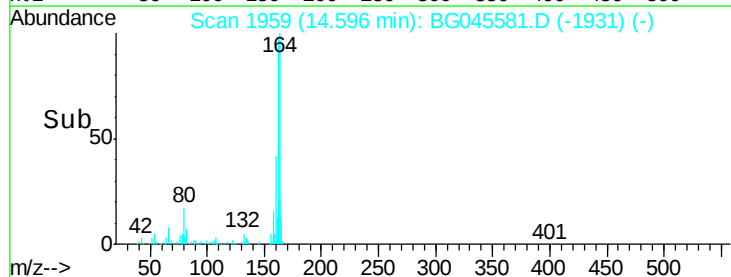
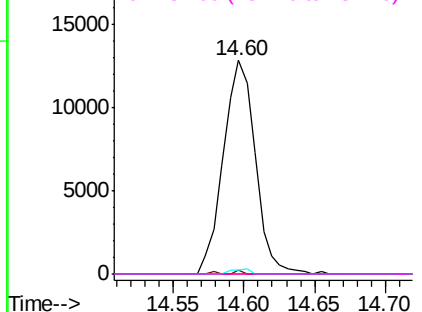


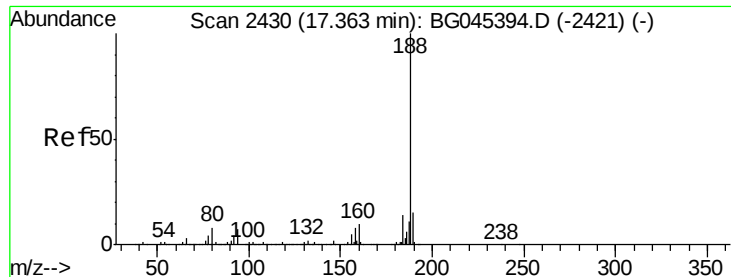
#57
2,4-Dinitrotoluene
Concen: 5.607 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.36 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion:165 Resp: 20297
Ion Ratio Lower Upper
165 100
63 2.0 32.5 48.7#
89 2.1 61.8 92.6#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
20000 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

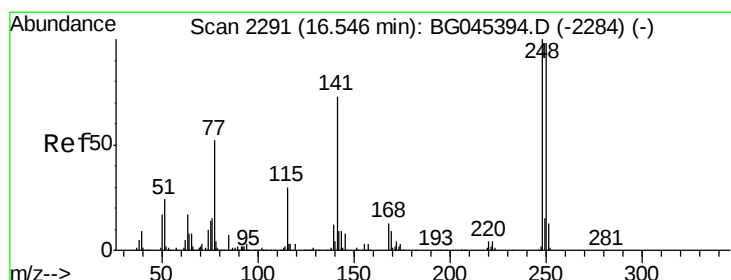
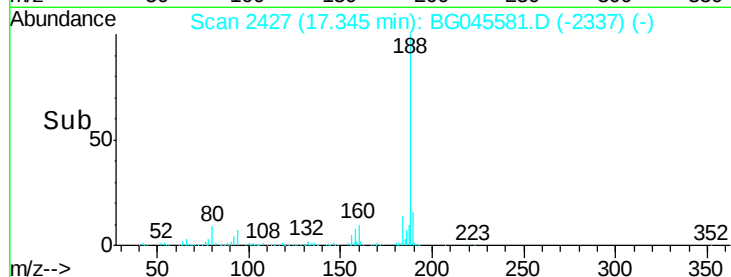
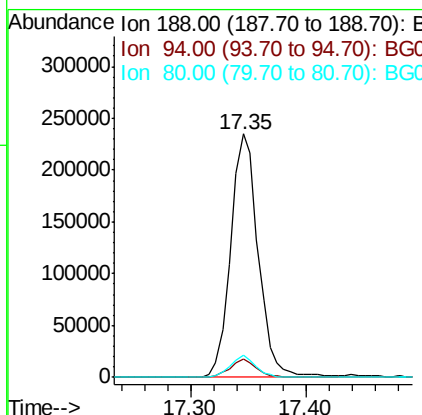
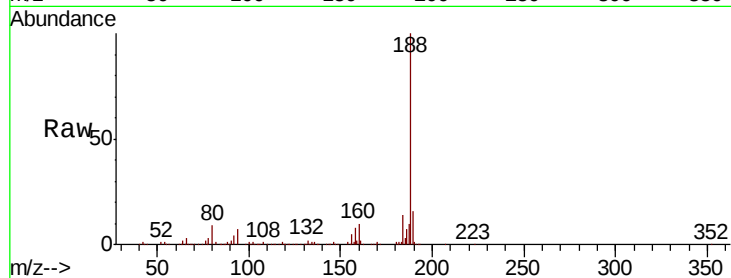




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

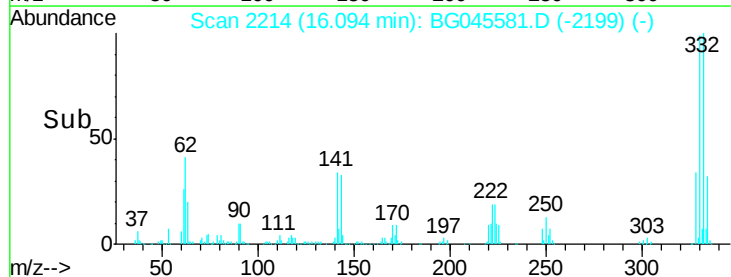
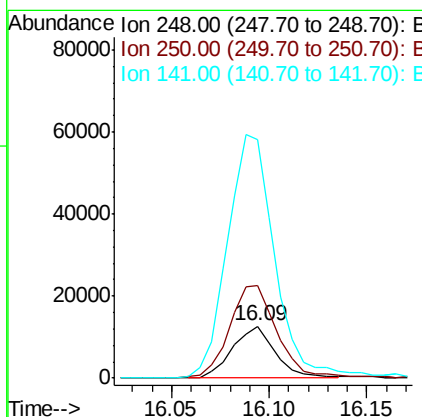
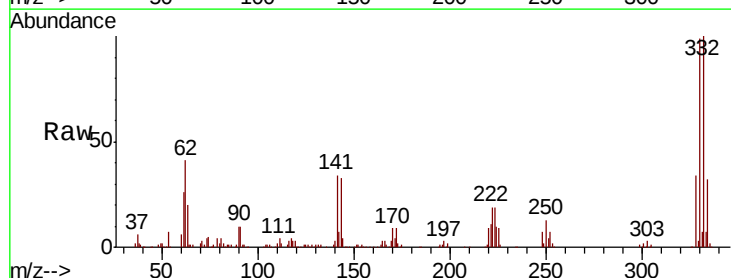
Instrument :
BNA_G
ClientSampleId :

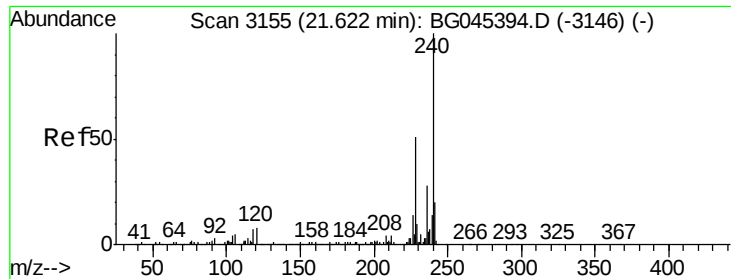
Tot Ion:188 Resp: 388329
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.579 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.44 min
Lab File: BG045581.D
Acq: 3 Jun 2020 14:59

Tgt Ion:248 Resp: 19253
Ion Ratio Lower Upper
248 100
250 177.3 78.6 117.8#
141 459.9 58.2 87.2#

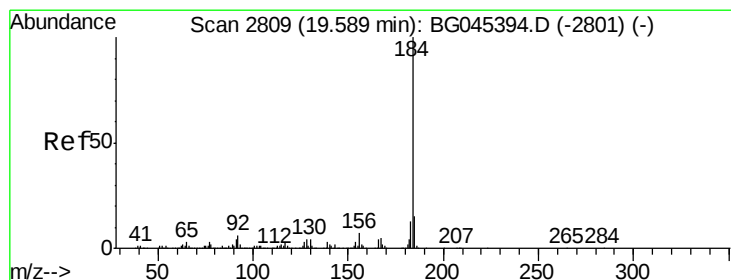
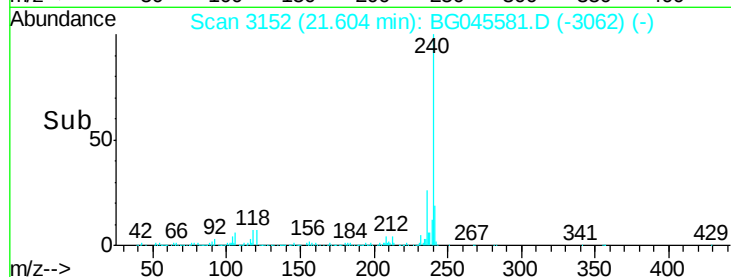
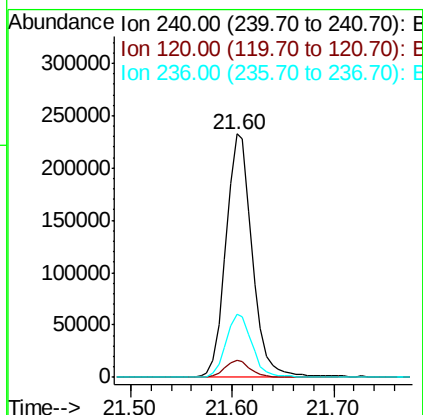
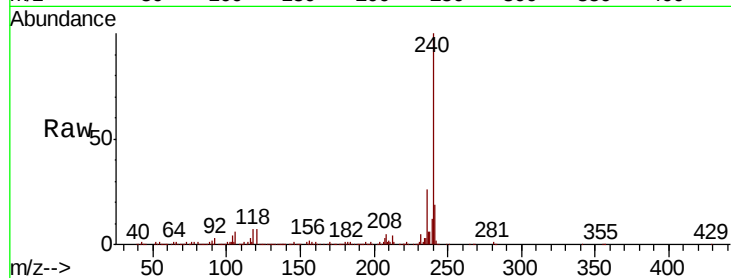




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

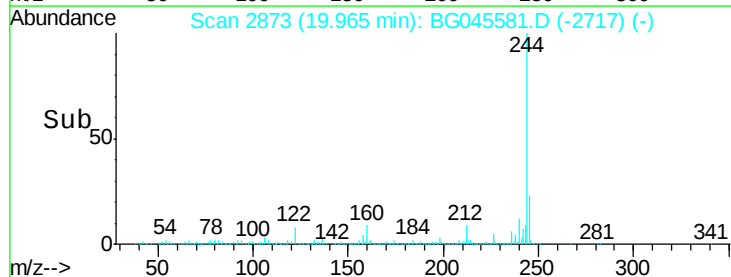
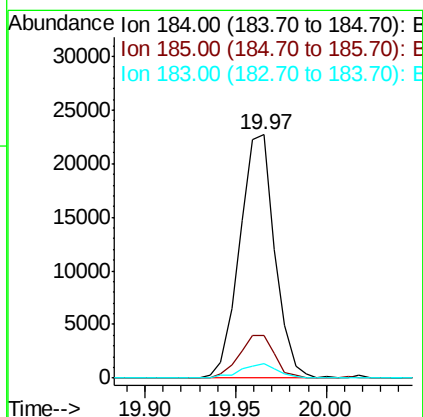
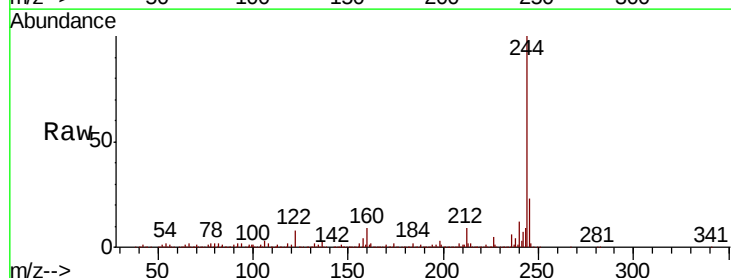
Instrument :
 BNA_G
 ClientSampleId :

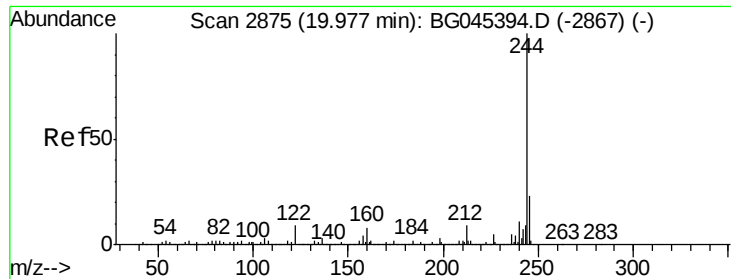
Tot Ion:240 Resp: 418392
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 26.1 22.3 33.5



#77
 Benzidine
 Concen: 2.595 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.39 min
 Lab File: BG045581.D
 Acq: 3 Jun 2020 14:59

Tgt Ion:184 Resp: 30498
 Ion Ratio Lower Upper
 184 100
 185 17.4 11.7 17.5
 183 5.8 10.2 15.4#





#79

Terphenyl-d14

Concen: 96.142 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

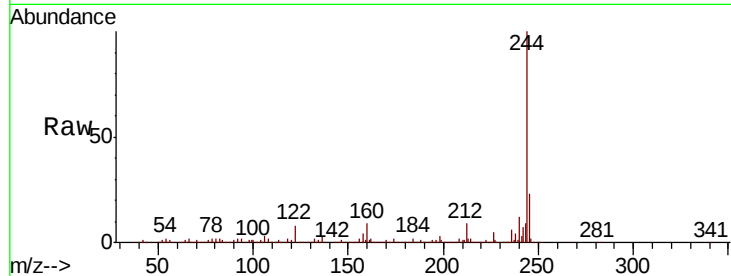
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1724688

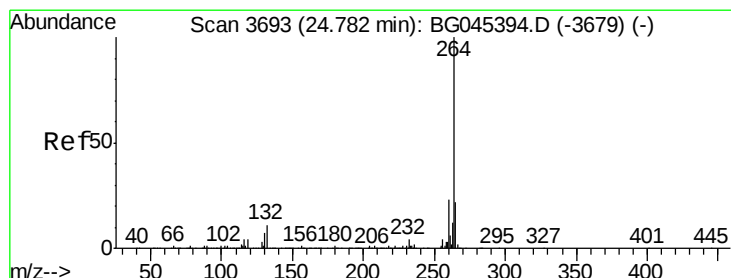
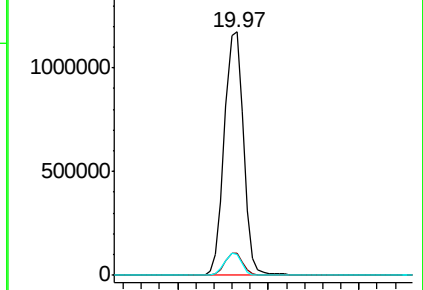
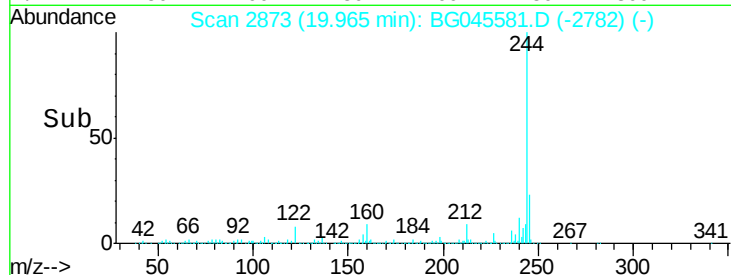
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.4	6.8	10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

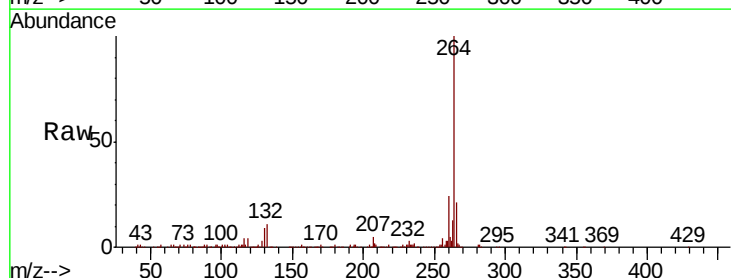
Delta R.T. 0.01 min

Lab File: BG045581.D

Acq: 3 Jun 2020 14:59

Tgt Ion:264 Resp: 432930

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	17.6	26.4



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

