

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045283.D
 Acq On : 7 May 2020 23:59
 Operator : CG/JU
 Sample : L2529-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 08 03:45:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56915	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	222723	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	162368	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	391886	20.00	ng	0.00
76) Chrysene-d12	21.64	240	387031	20.00	ng	0.00
87) Perylene-d12	24.80	264	405532	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	525852	152.54	ng	0.00
7) Phenol-d6	7.14	99	784348	153.13	ng	0.00
23) Nitrobenzene-d5	9.14	82	548679	112.41	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	457004	182.19	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1322975	119.48	ng	0.00
79) Terphenyl-d14	19.99	244	2282504	128.54	ng	0.00

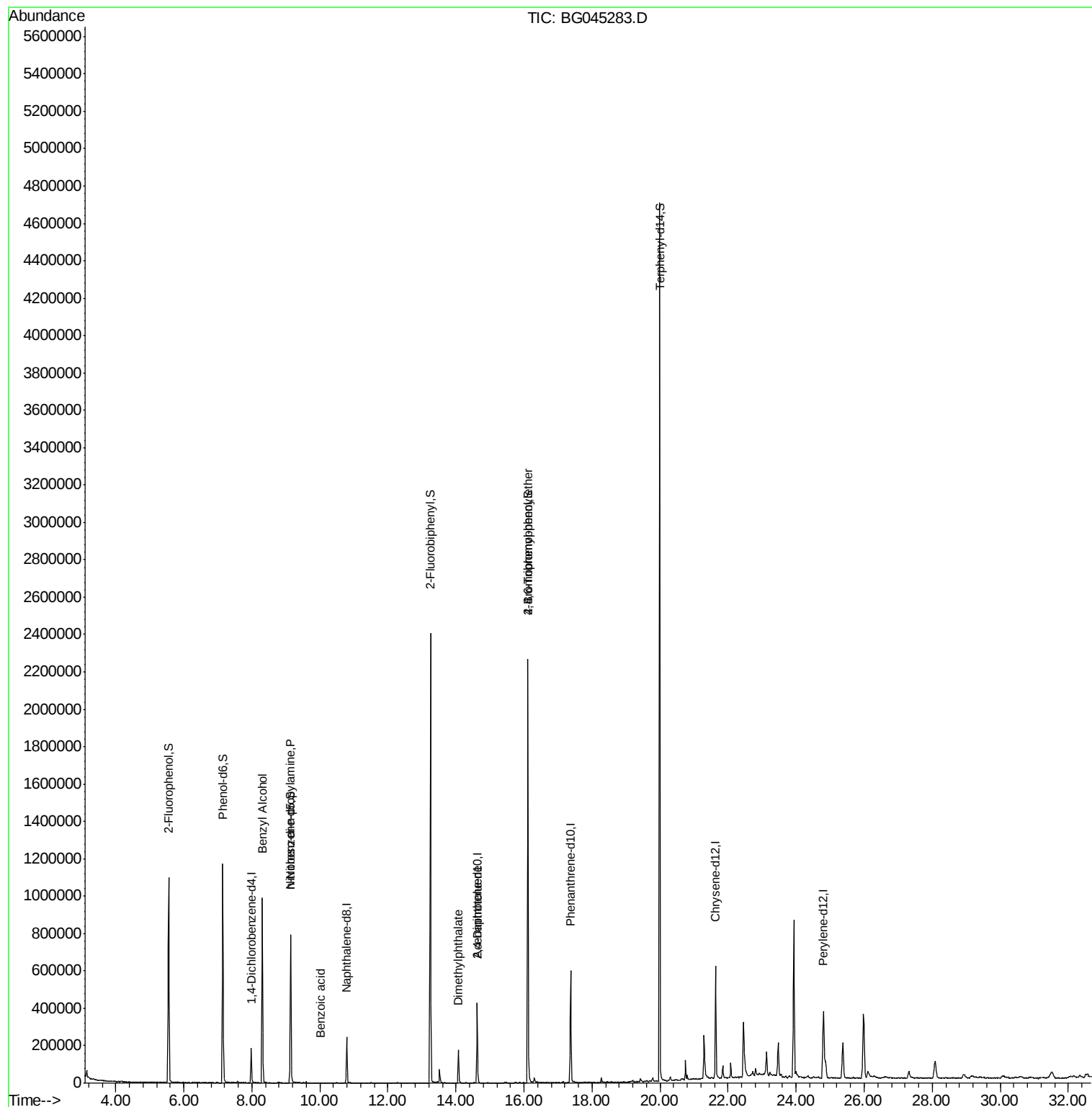
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.15	77	1459	Below Cal	#	4
15) Benzyl Alcohol	8.31	79	9729	2.266 ng	#	61
19) n-Nitroso-di-n-propylamine	9.14	70	73774	20.367 ng	#	78
32) Benzoic acid	10.02	122	55	6.391 ng	#	1
50) Dimethylphthalate	14.07	163	126111	9.539 ng		97
57) 2,4-Dinitrotoluene	14.62	165	21530	4.982 ng	#	23
67) 4-Bromophenyl-phenylether	16.11	248	31980	6.326 ng	#	1
74) Di-n-butylphthalate	18.34	149	1102	Below Cal	#	71
75) Fluoranthene	19.43	202	11838	Below Cal		88
77) Benzidine	19.99	184	44726	Below Cal	#	81

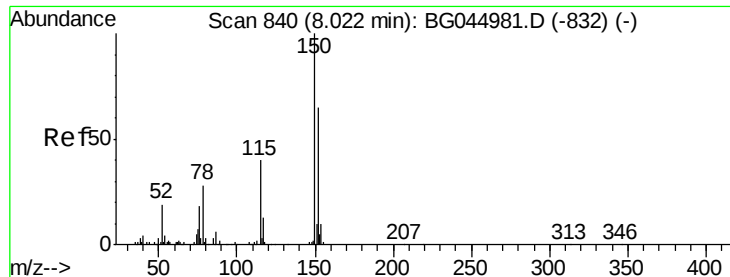
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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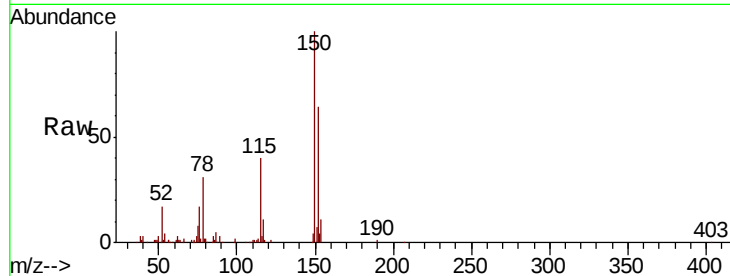


#1

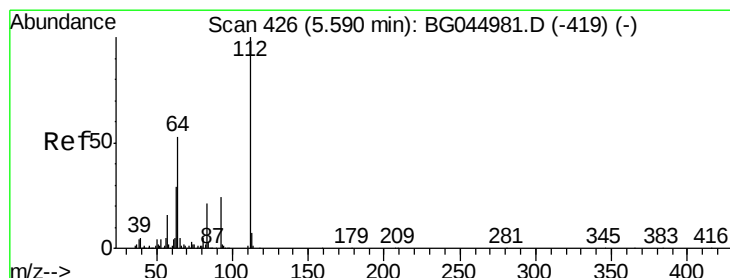
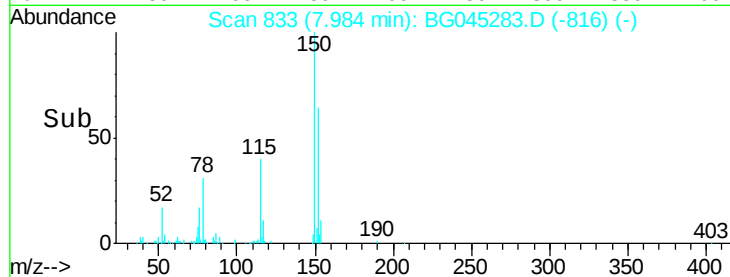
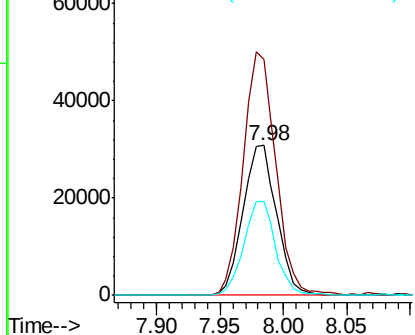
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.6	185.4
115	62.5	49.1	73.7



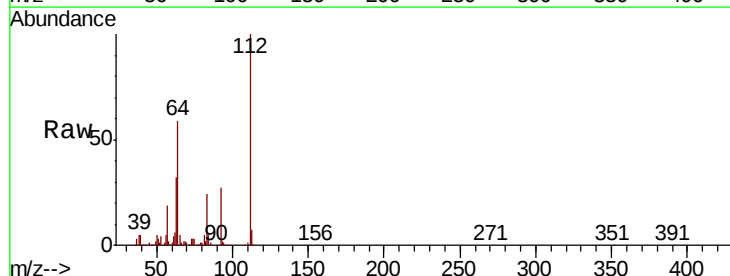
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



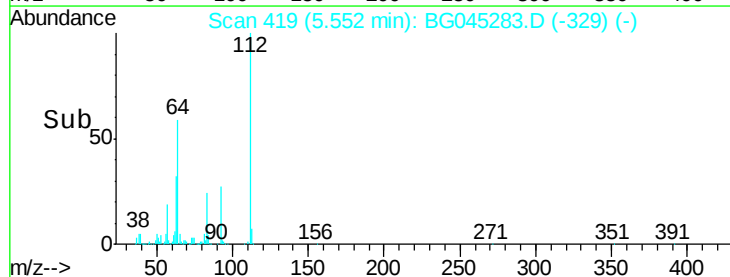
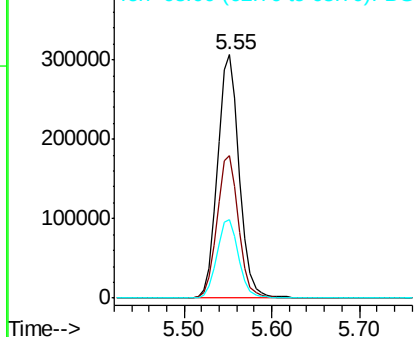
#5

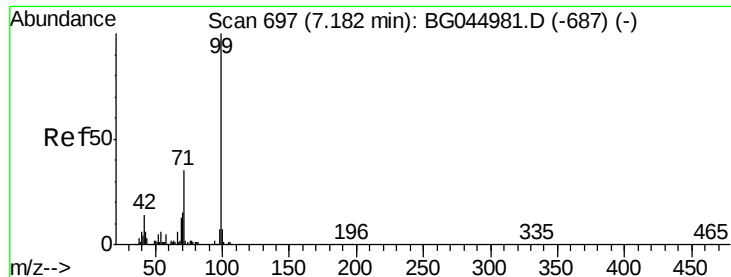
2-Fluorophenol
Concen: 152.535 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.4	63.6
63	32.0	23.1	34.7



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: 153.133 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampleId :

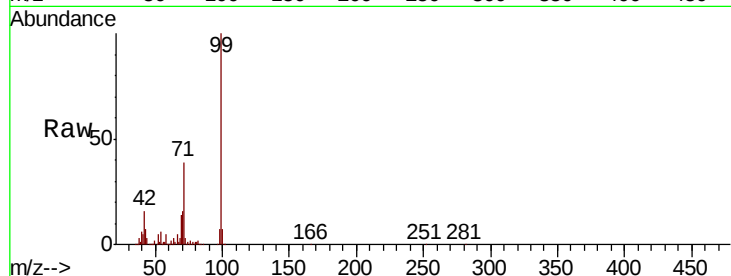
Tot Ion: 99 Resp: 784348

Ion Ratio Lower Upper

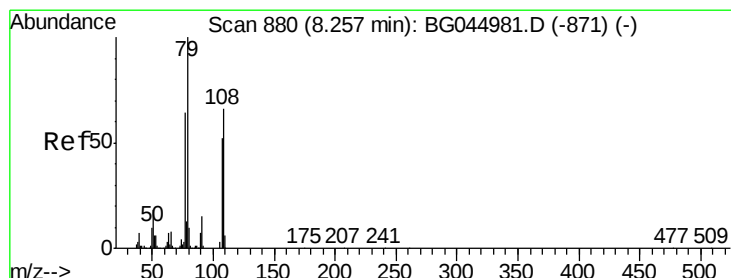
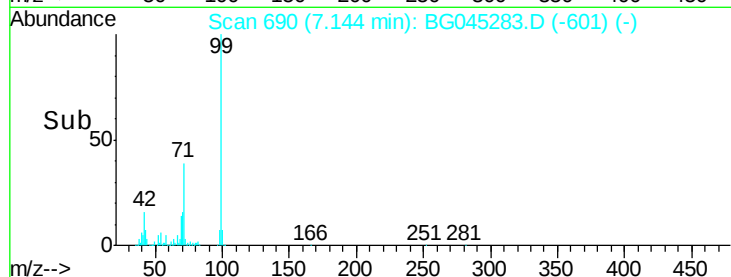
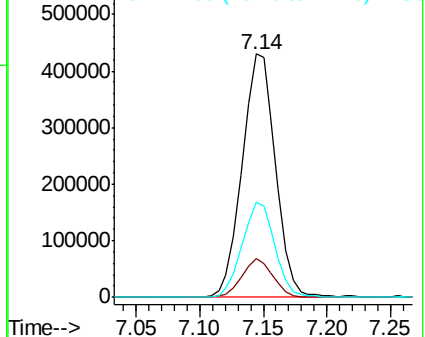
99 100

42 15.9 11.3 16.9

71 39.2 28.3 42.5



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: 2.266 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.09 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

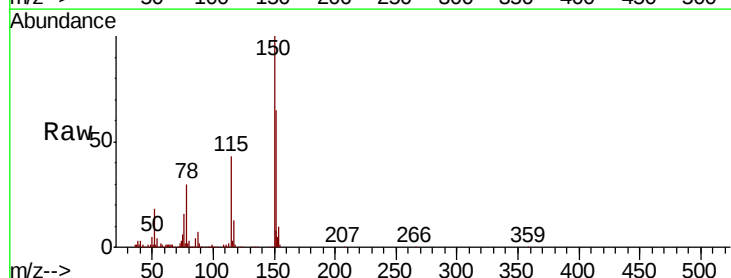
Tgt Ion: 79 Resp: 9729

Ion Ratio Lower Upper

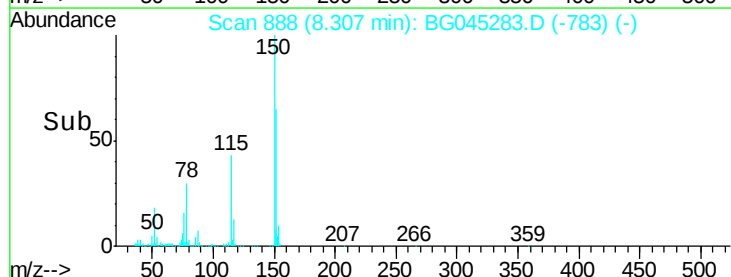
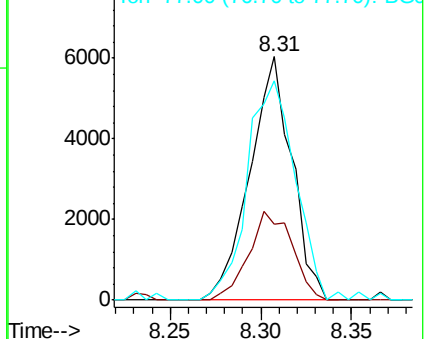
79 100

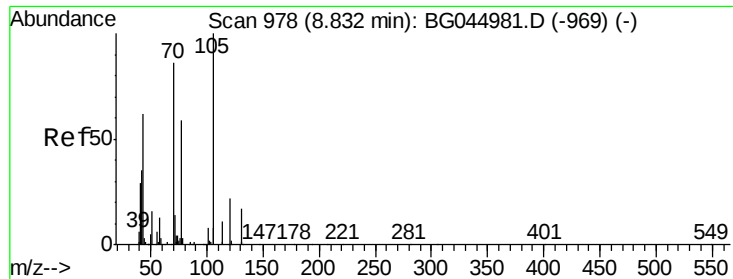
108 31.1 52.7 79.1#

77 90.1 51.3 76.9#



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

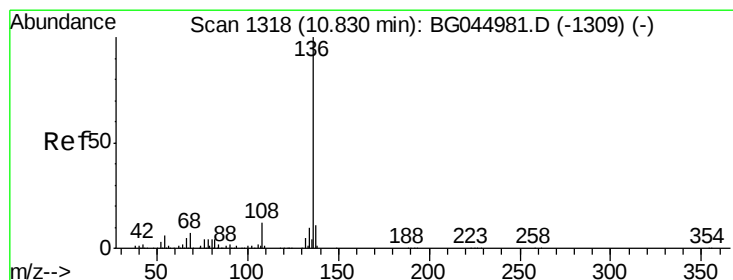
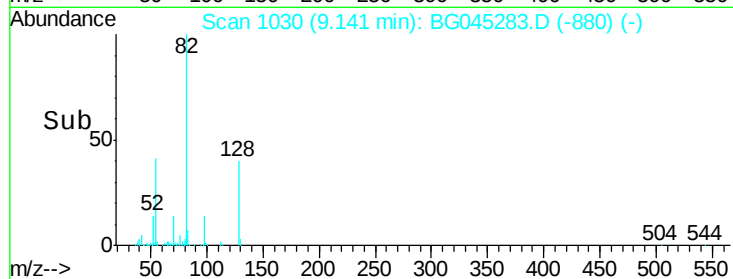
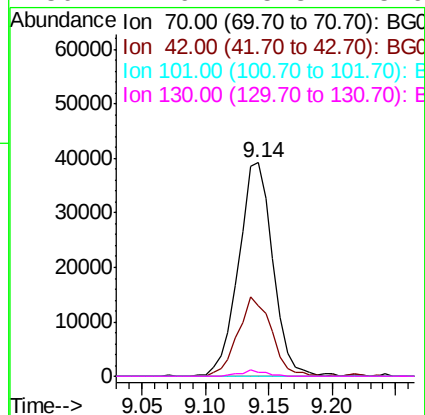
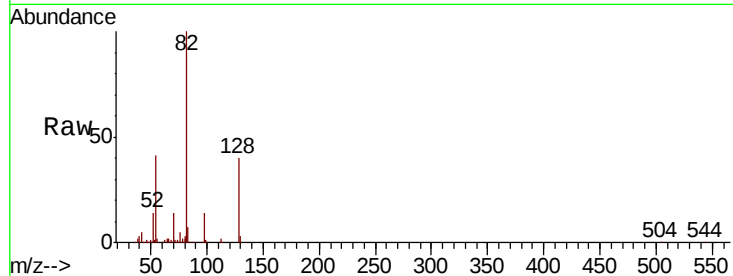




#19
n-Nitroso-di-n-propylamine
Concen: 20.367 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

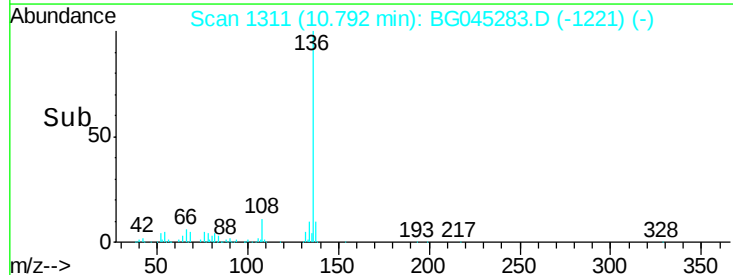
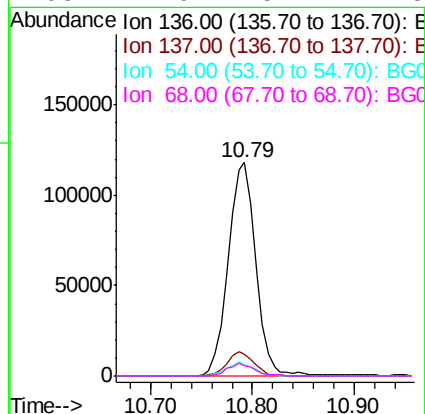
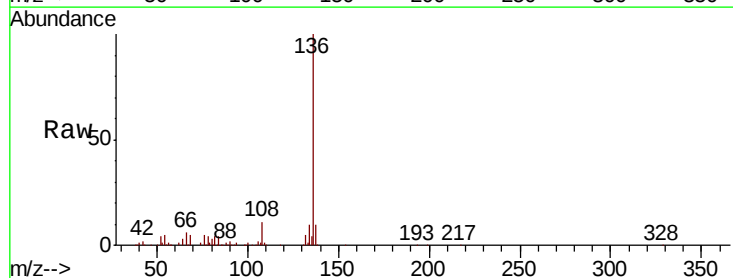
Instrument :
BNA_G
ClientSampleId :

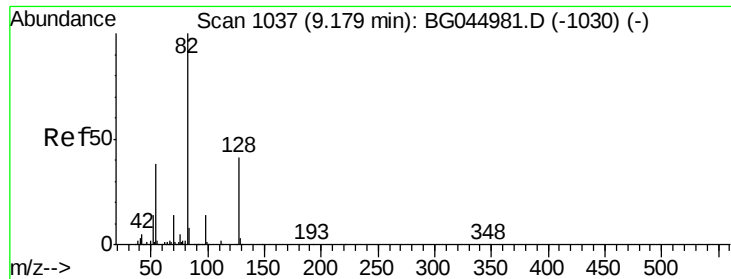
Tot Ion: 70 Resp: 73774
Ion Ratio Lower Upper
70 100
42 33.2 33.3 49.9#
101 0.0 7.8 11.8#
130 1.6 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Tgt Ion: 136 Resp: 222723
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 5.3 4.8 7.2
68 4.9 5.2 7.8#

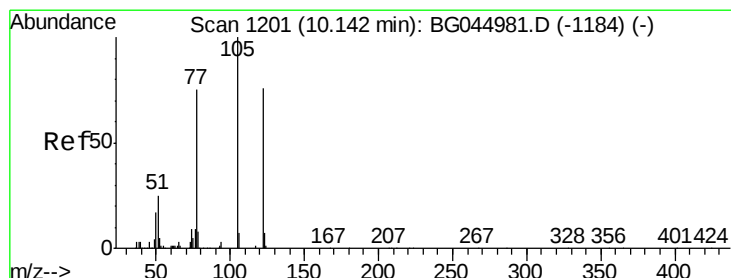
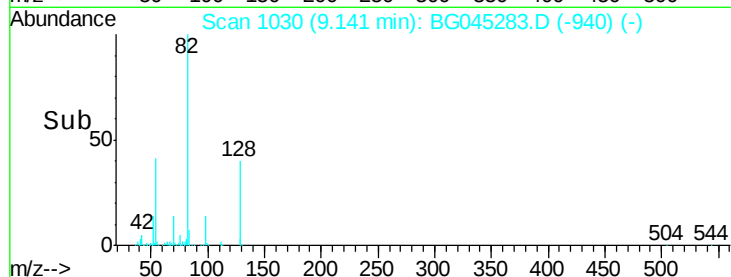
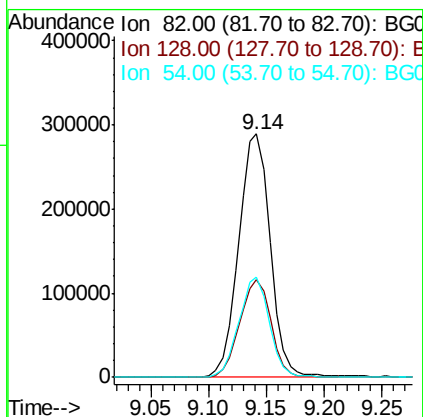
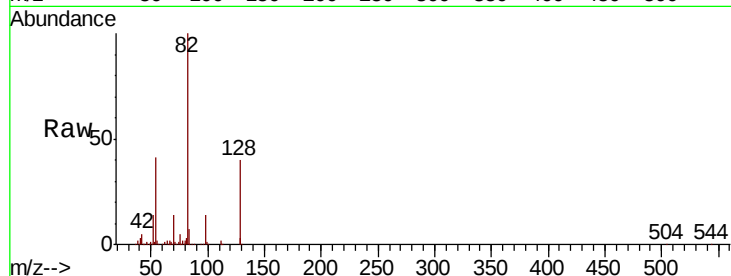




#23
 Nitrobenzene-d5
 Concen: 112.407 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

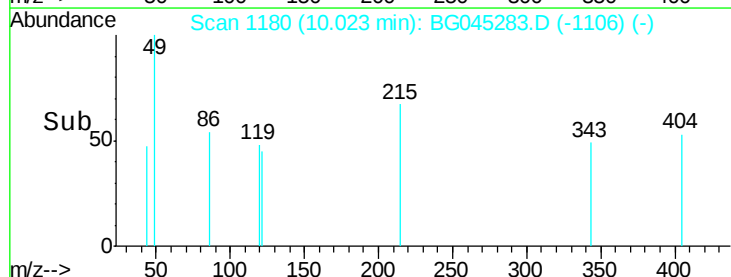
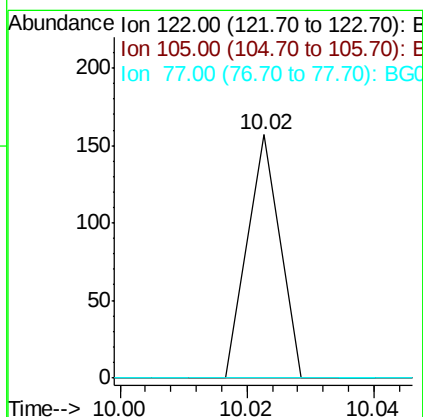
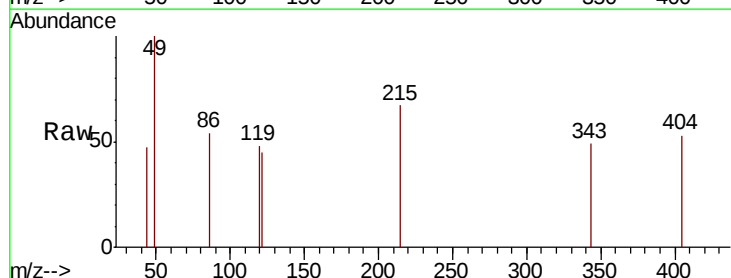
Instrument :
 BNA_G
 ClientSampleId :

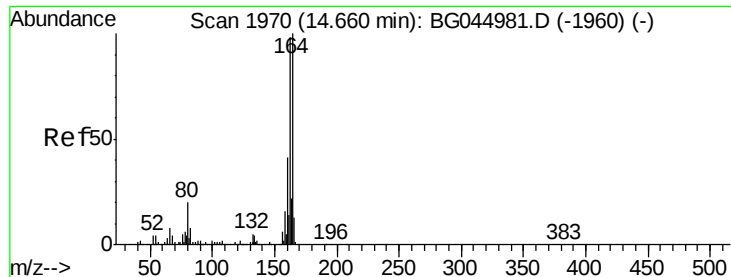
Tot Ion	82	Resp	548679
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	41.4	30.4	45.6



#32
 Benzoic acid
 Concen: 6.391 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.09 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Tgt Ion	122	Resp	55
Ion Ratio	Lower	Upper	
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampled :

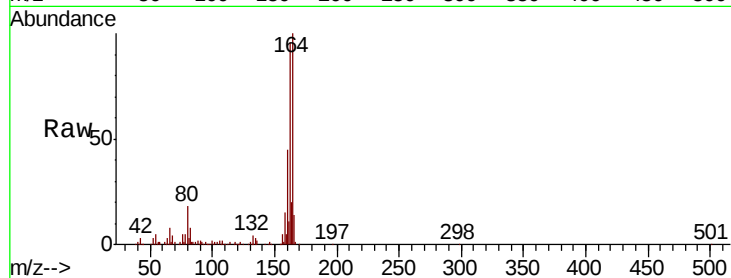
Tot Ion:164 Resp: 162368

Ion Ratio Lower Upper

164 100

162 96.3 78.7 118.1

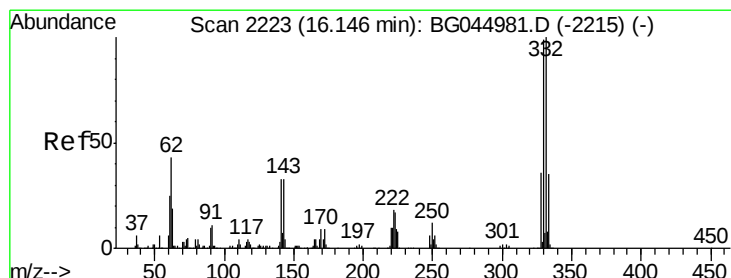
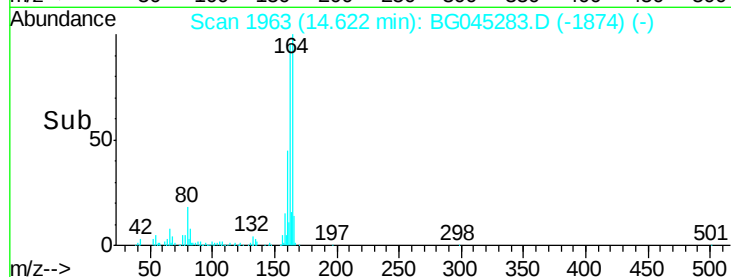
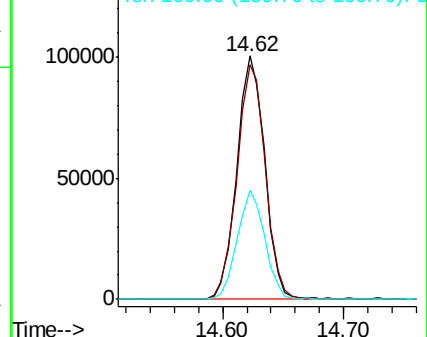
160 44.7 32.8 49.2



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: 182.191 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

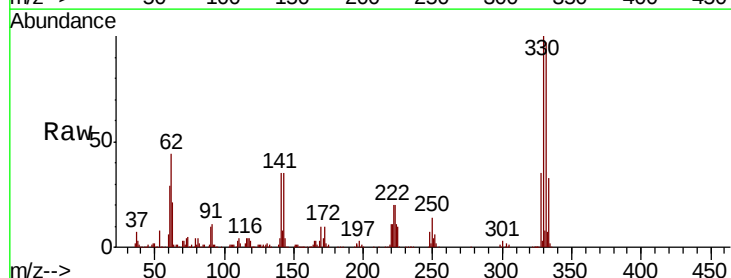
Tgt Ion:330 Resp: 457004

Ion Ratio Lower Upper

330 100

332 97.8 79.1 118.7

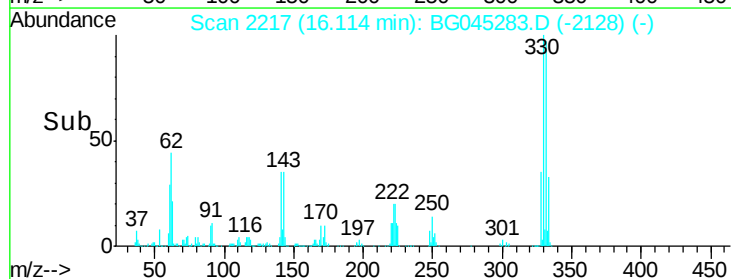
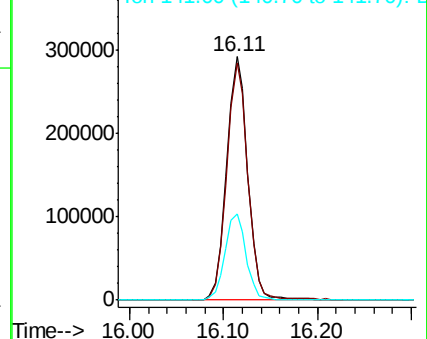
141 35.8 27.1 40.7

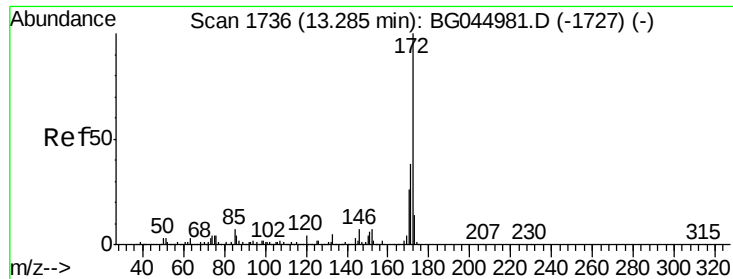


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

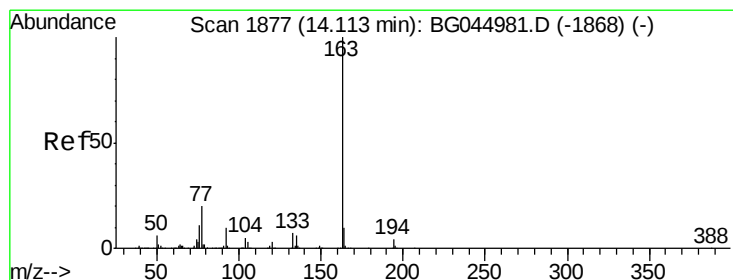
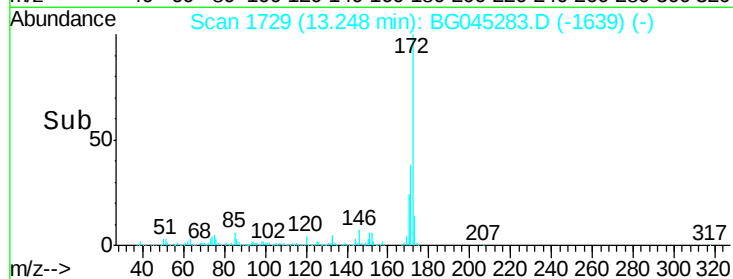
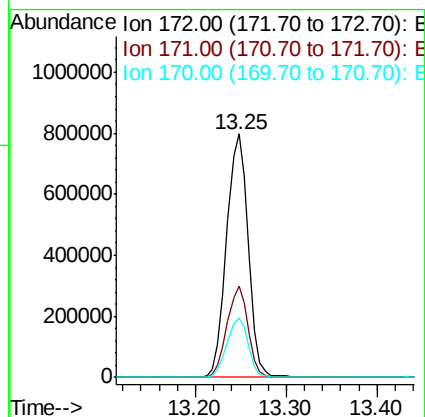
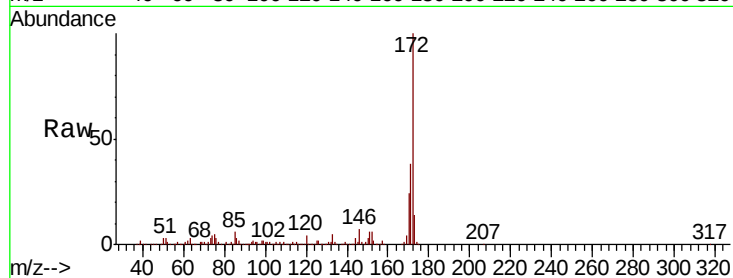




#45
2-Fluorobiphenyl
Concen: 119.476 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

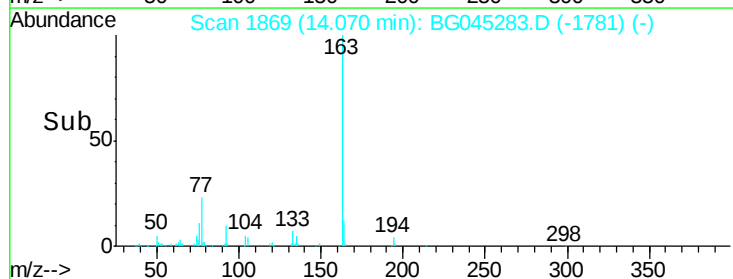
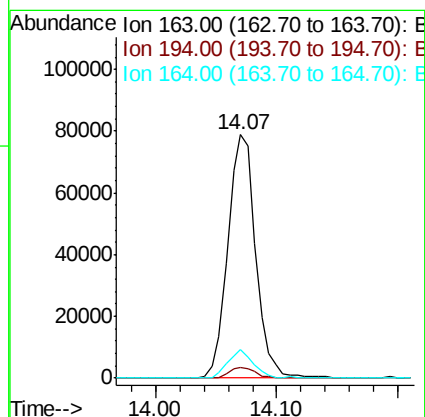
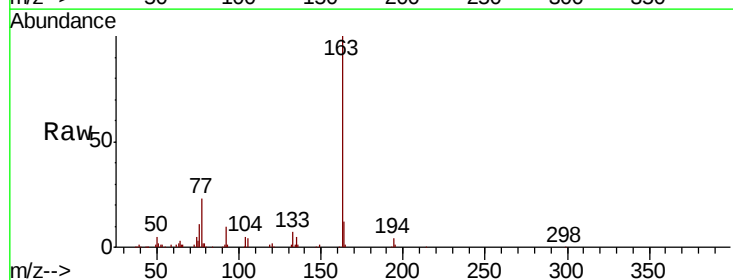
Instrument :
BNA_G
ClientSampled :

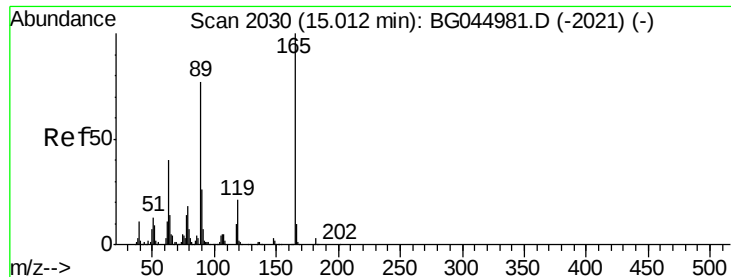
Tot Ion:172 Resp: 1322975
Ion Ratio Lower Upper
172 100
171 37.7 30.6 46.0
170 24.4 20.5 30.7



#50
Dimethylphthalate
Concen: 9.539 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Tgt Ion:163 Resp: 126111
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 11.9 8.2 12.4

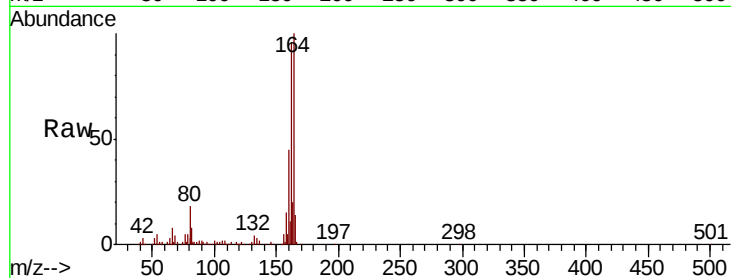




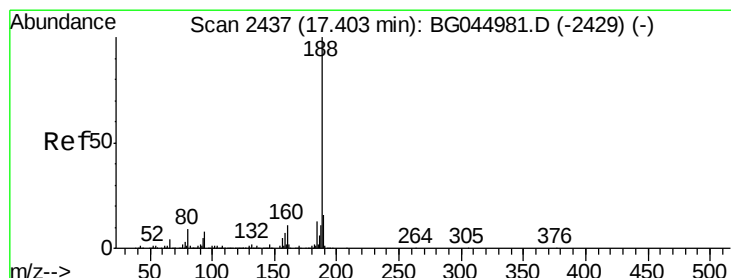
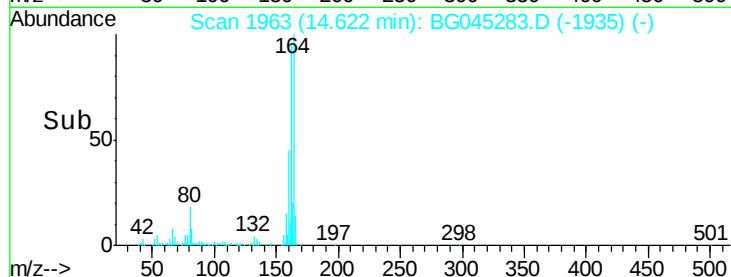
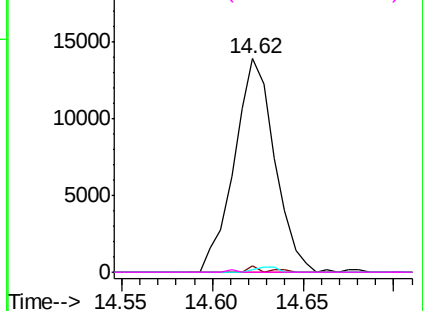
#57
 2,4-Dinitrotoluene
 Concen: 4.982 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.36 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21530
 Ion Ratio Lower Upper
 165 100
 63 3.0 32.2 48.2#
 89 1.1 61.7 92.5#
 182 0.0 2.0 3.0#

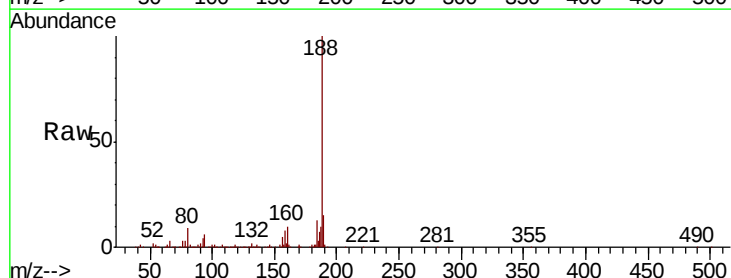


Abundance Ion 165.00 (164.70 to 165.70): E

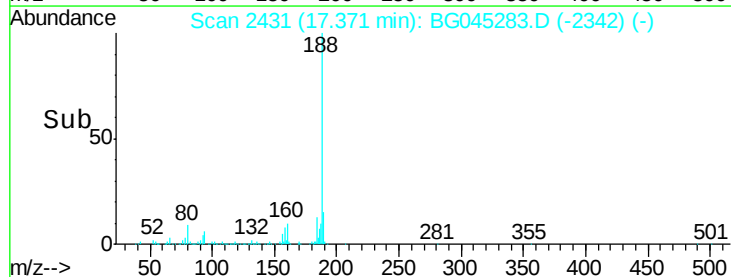
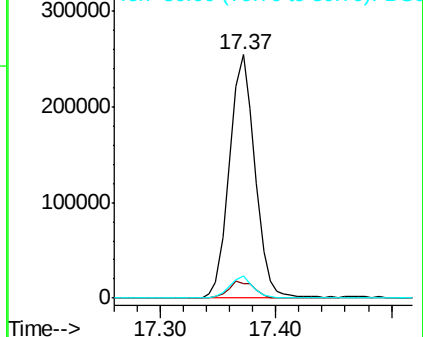


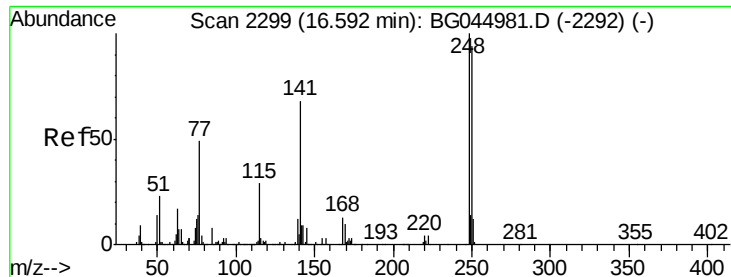
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Tgt Ion:188 Resp: 391886
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.2 9.4#
 80 9.0 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

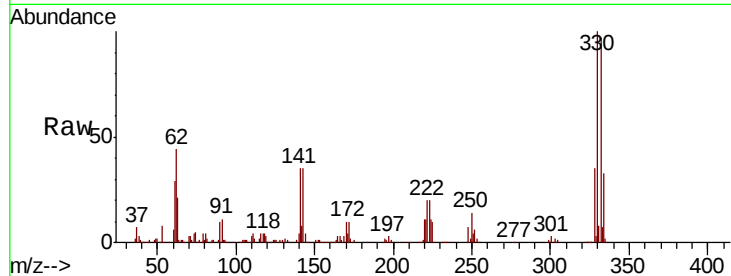




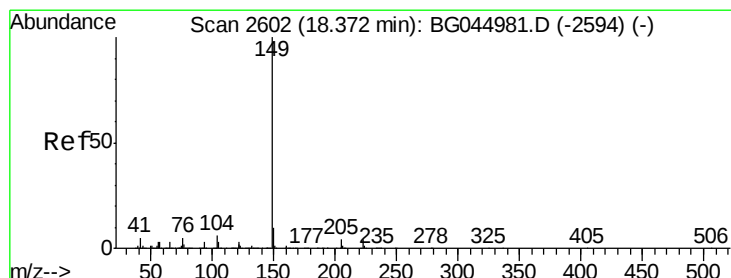
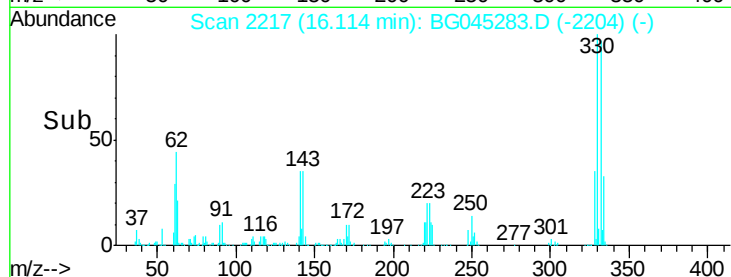
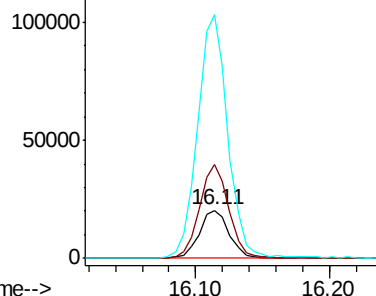
#67
 4-Bromophenyl-phenylether
 Concen: 6.326 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.45 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 31980
 Ion Ratio Lower Upper
 248 100
 250 197.1 75.4 113.2#
 141 508.2 54.4 81.6#

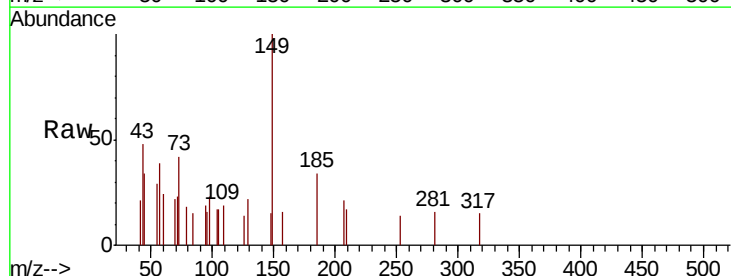


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

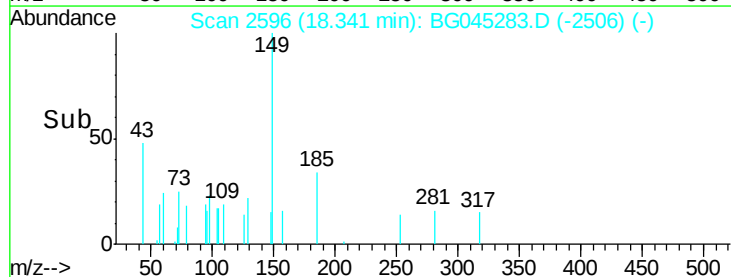
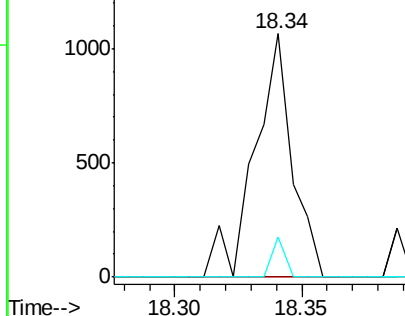


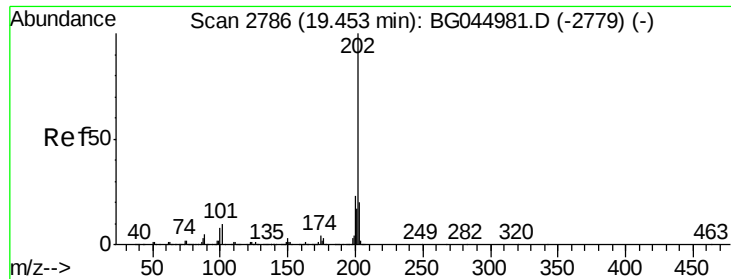
#74
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Tgt Ion:149 Resp: 1102
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.2#
 104 16.7 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

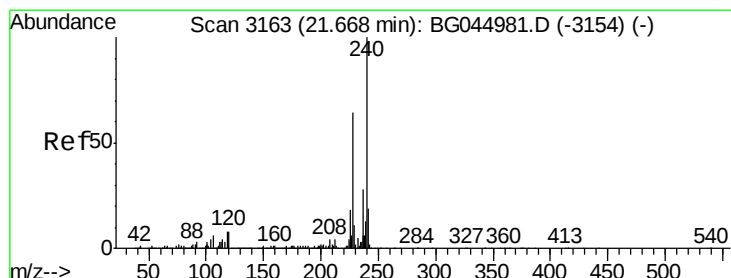
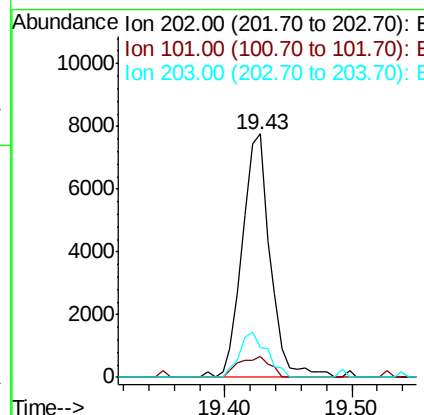
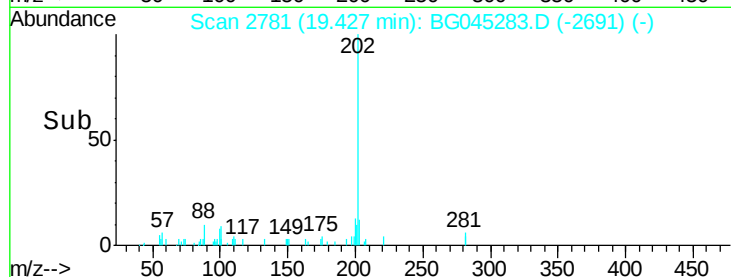
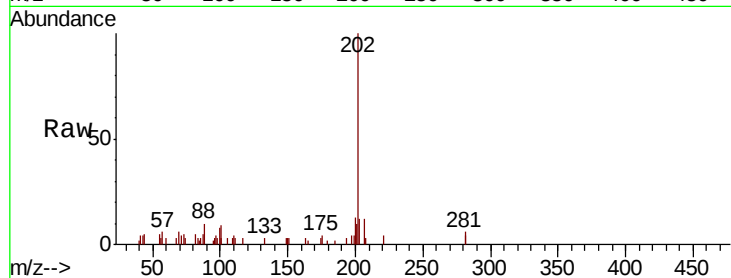




#75
 Fluoranthene
 Concen: Below Cal
 RT: 19.43 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

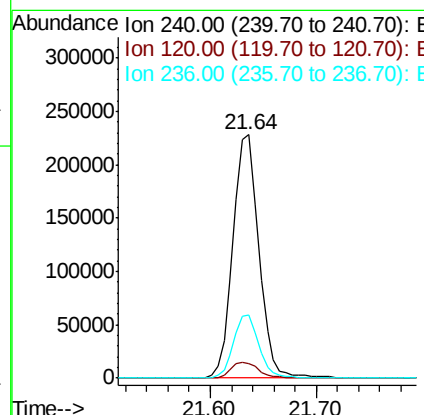
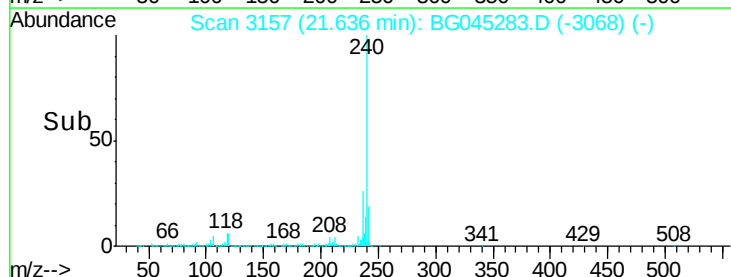
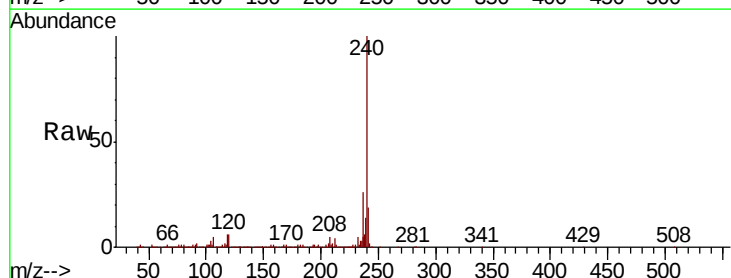
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.6
203	12.1	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG045283.D
 Acq: 7 May 2020 23:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.6	10.0#
236	26.1	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.99 min Scan# 2876

Delta R.T. 0.38 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

Instrument :

BNA_G

ClientSampleId :

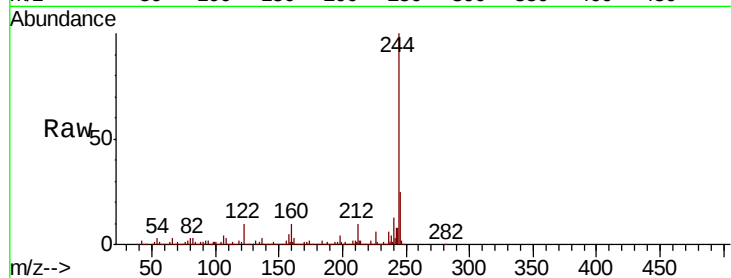
Tot Ion:184 Resp: 44726

Ion Ratio Lower Upper

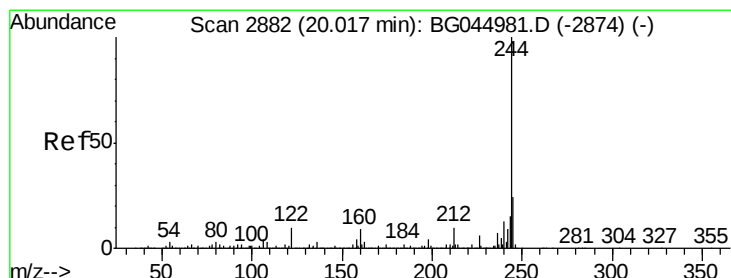
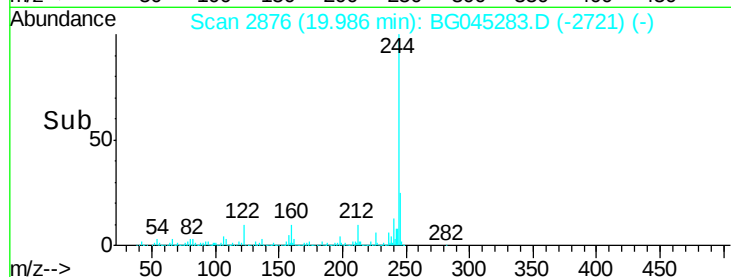
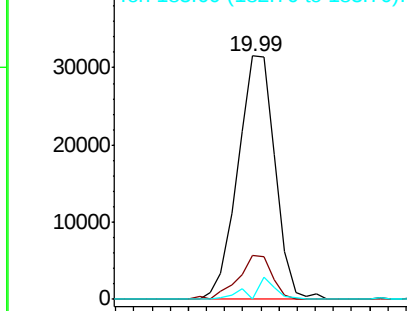
184 100

185 17.8 12.6 19.0

183 0.0 11.3 16.9#



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: 128.539 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045283.D

Acq: 7 May 2020 23:59

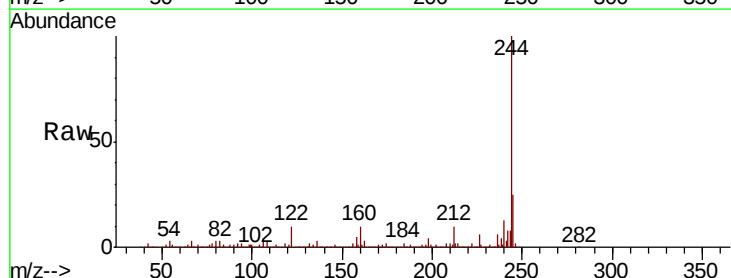
Tgt Ion:244 Resp: 2282504

Ion Ratio Lower Upper

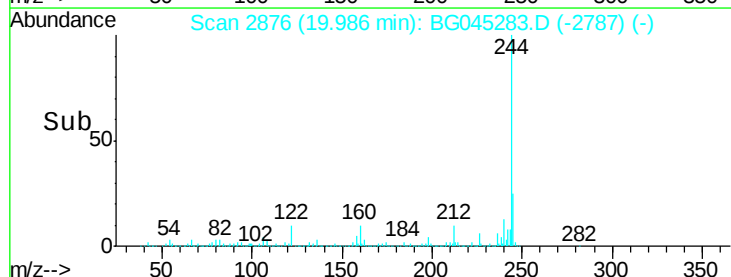
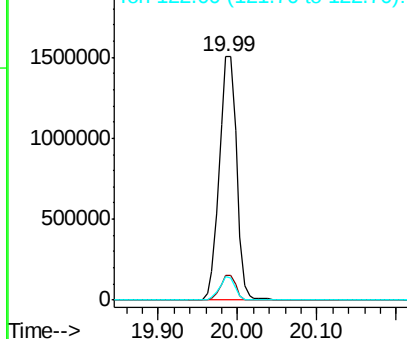
244 100

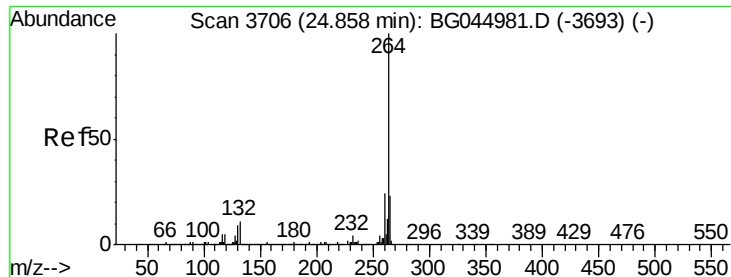
212 10.1 7.9 11.9

122 9.7 7.7 11.5



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

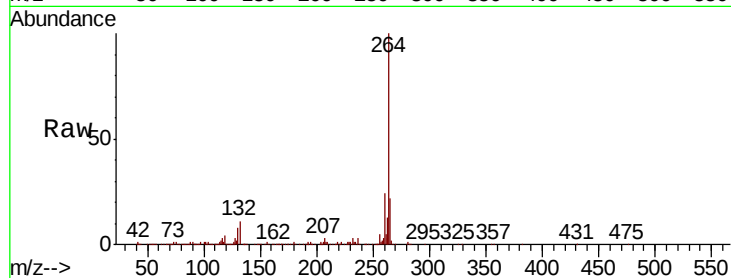




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG045283.D
Acq: 7 May 2020 23:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264	Resp:	405532
Ion	Ratio	Lower Upper
264	100	
260	24.2	19.2 28.8
265	22.2	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

