

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
 Data File : BG045256.D
 Acq On : 6 May 2020 16:59
 Operator : CG/JU
 Sample : L2491-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6FT-TP-9

Quant Time: May 06 17:34:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	52989	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	219345	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	171344	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	405516	20.00	ng	0.00
76) Chrysene-d12	21.64	240	376022	20.00	ng	0.00
87) Perylene-d12	24.81	264	403234	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	522766	162.88	ng	0.00
7) Phenol-d6	7.15	99	775478	162.62	ng	0.00
23) Nitrobenzene-d5	9.14	82	526261	109.47	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	444413	167.89	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1274501	109.07	ng	0.00
79) Terphenyl-d14	19.99	244	2109282	122.26	ng	0.00

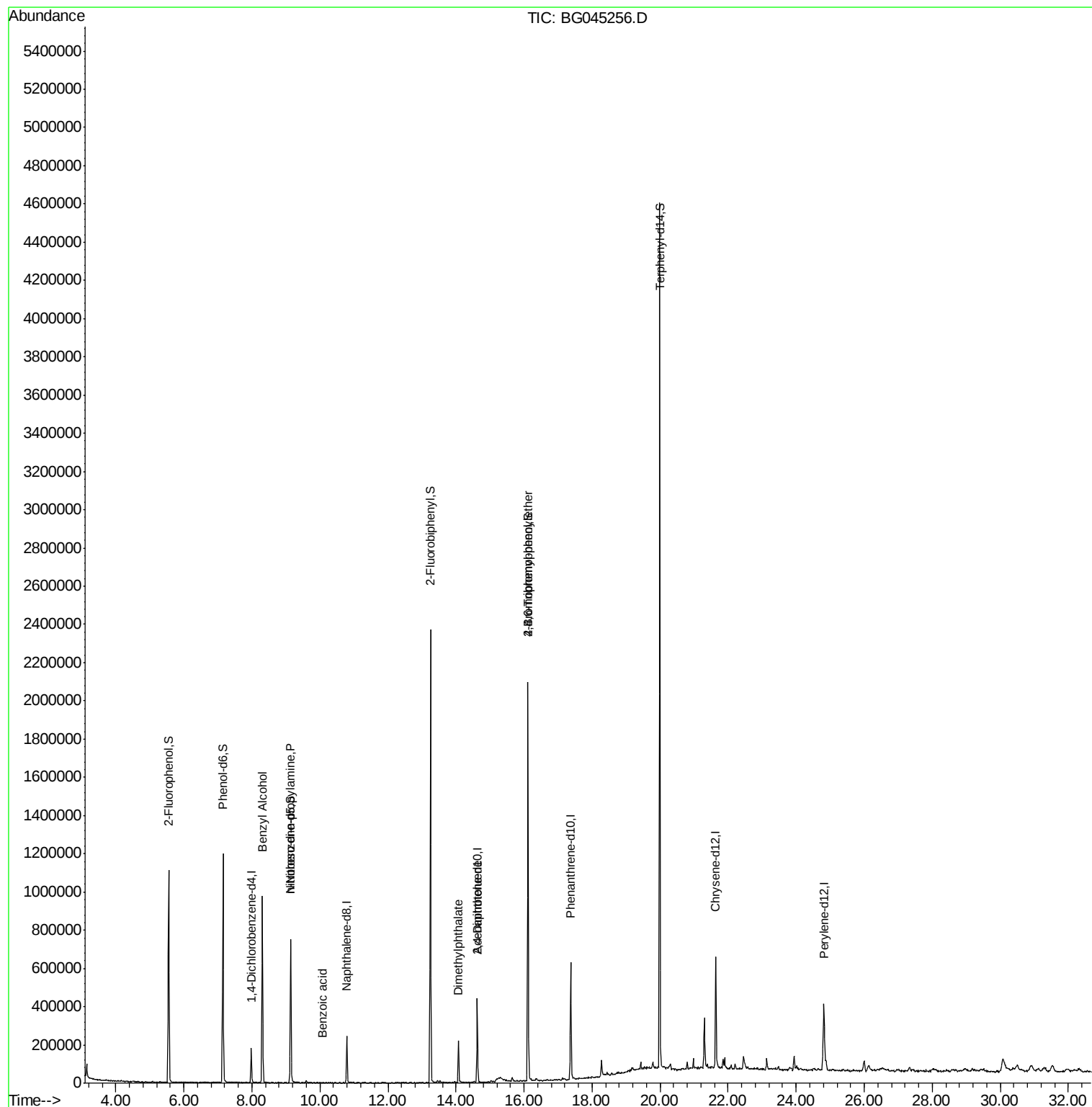
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.11	77	460	Below Cal	#	57
15) Benzyl Alcohol	8.30	79	9350	2.339 ng	#	63
19) n-Nitroso-di-n-propylamine	9.14	70	72171	21.400 ng	#	76
32) Benzoic acid	10.09	122	59	6.393 ng	#	1
50) Dimethylphthalate	14.07	163	155873	11.172 ng		99
57) 2,4-Dinitrotoluene	14.63	165	21386	4.690 ng	#	24
67) 4-Bromophenyl-phenylether	16.11	248	30035	5.741 ng	#	1
69) Atrazine	16.77	200	59	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	1964	Below Cal	#	55
75) Fluoranthene	19.43	202	20437	Below Cal		94
77) Benzydine	19.99	184	44390	Below Cal	#	91

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

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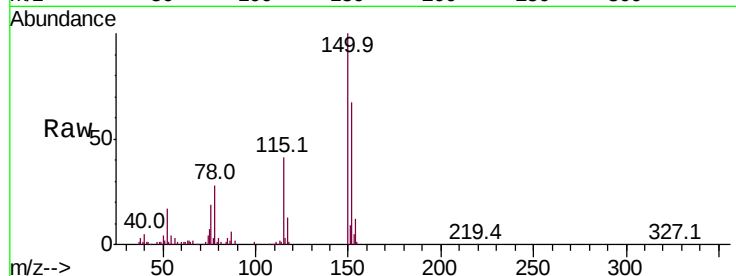


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Instrument :
BNA_G
ClientSampleId :
6FT-TP-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.6	185.4
115	61.9	49.1	73.7

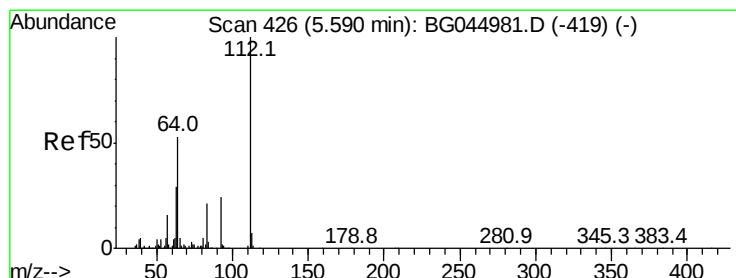
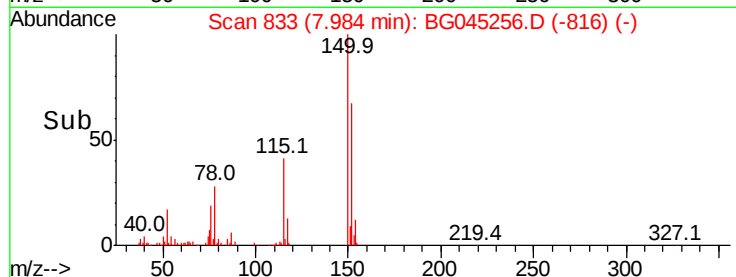
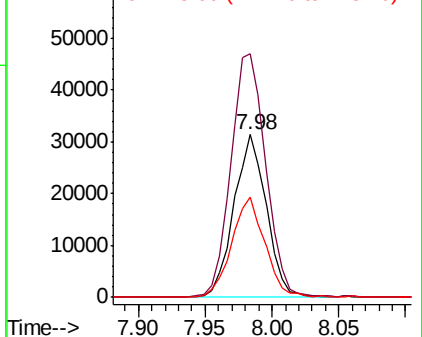


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

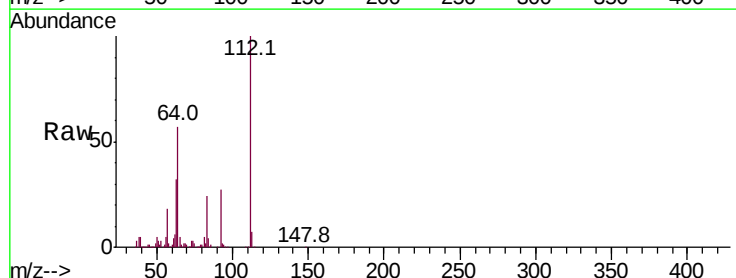
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 162.875 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	32.4	23.1	34.7

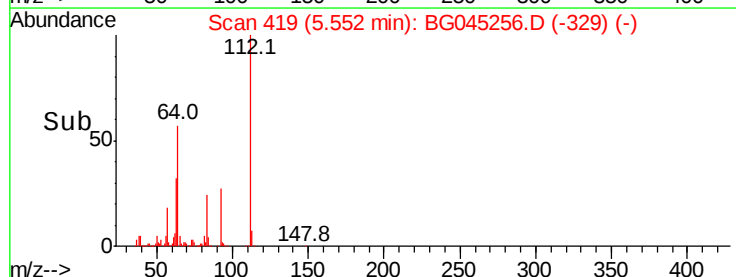
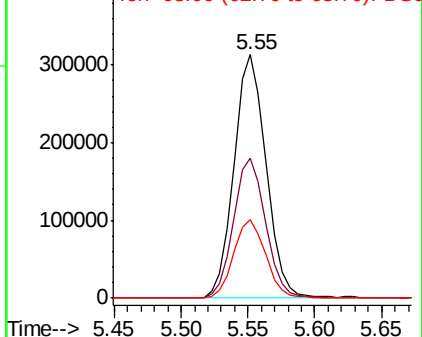


Abundance

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: 162.619 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

Instrument :

BNA_G

ClientSampled :

6FT-TP-9

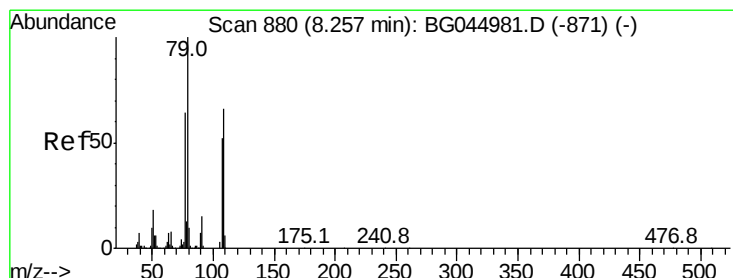
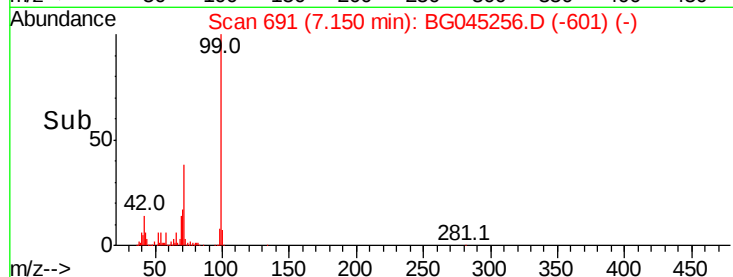
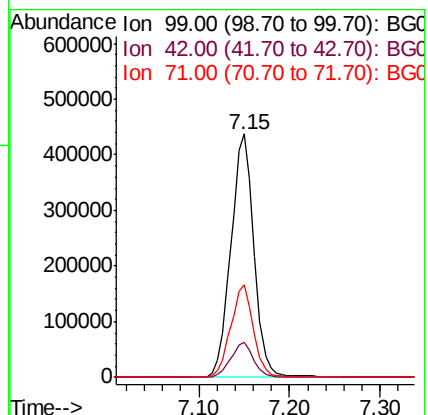
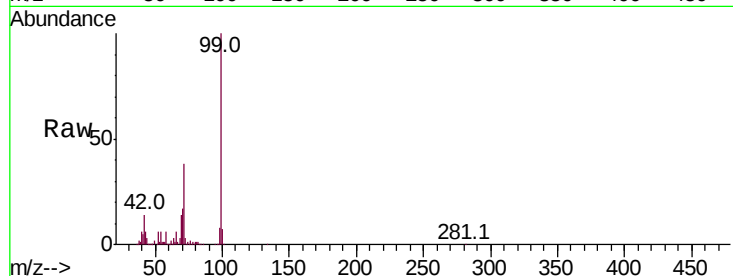
Tot Ion: 99 Resp: 775478

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 38.1 28.3 42.5



#15

Benzyl Alcohol

Concen: 2.339 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.08 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

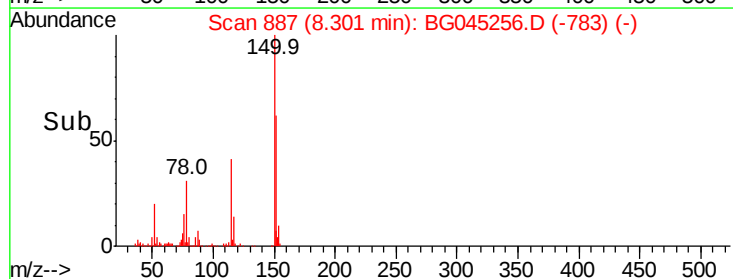
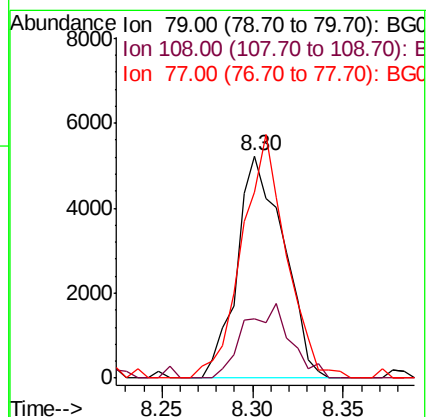
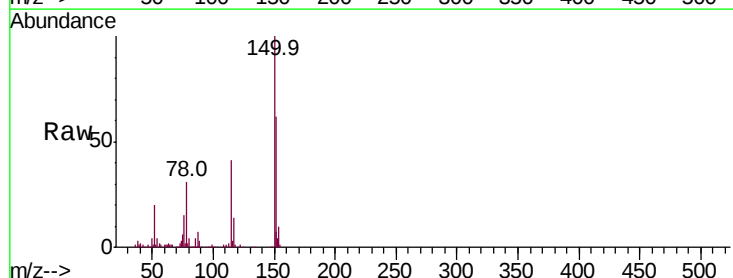
Tgt Ion: 79 Resp: 9350

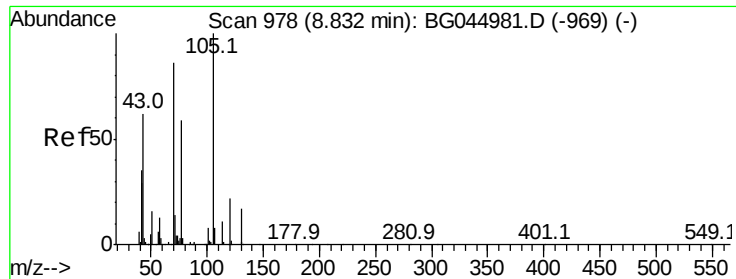
Ion Ratio Lower Upper

79 100

108 26.7 52.7 79.1#

77 83.5 51.3 76.9#





#19

n-Nitroso-di-n-propylamine

Concen: 21.400 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.35 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

Instrument :

BNA_G

ClientSampleId :

6FT-TP-9

Tot Ion: 70 Resp: 72171

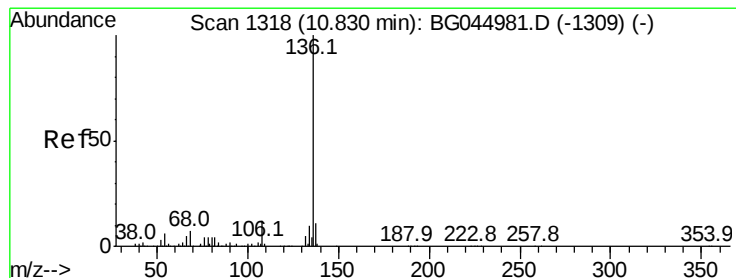
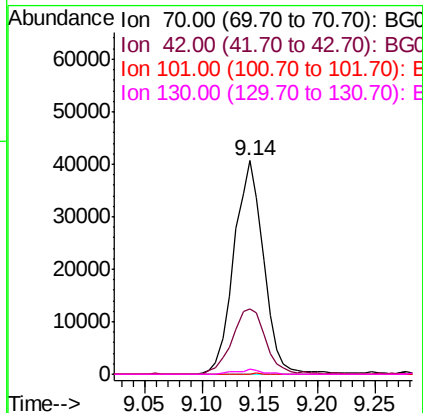
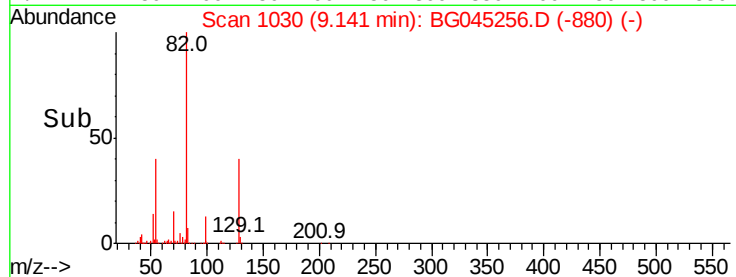
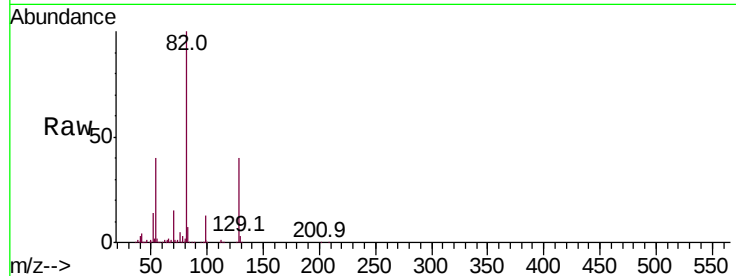
Ion Ratio Lower Upper

70 100

42 30.7 33.3 49.9#

101 0.0 7.8 11.8#

130 2.5 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: BG045256.D

Acq: 6 May 2020 16:59

Tgt Ion: 136 Resp: 219345

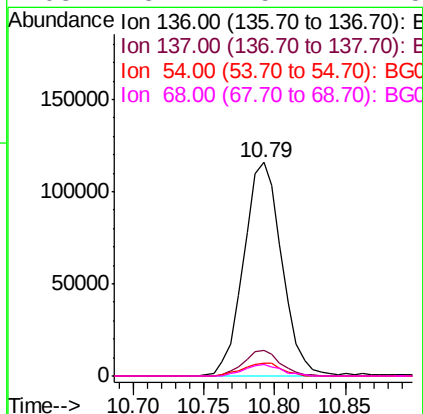
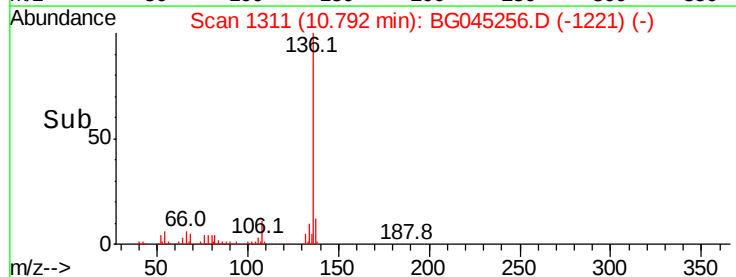
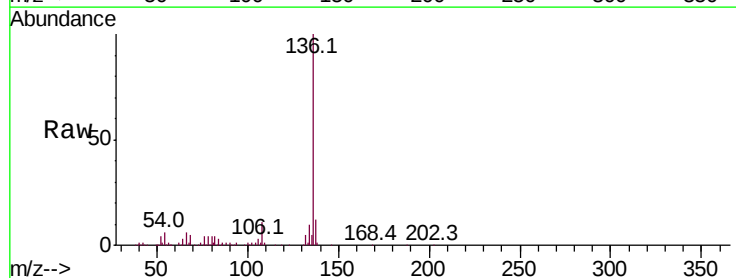
Ion Ratio Lower Upper

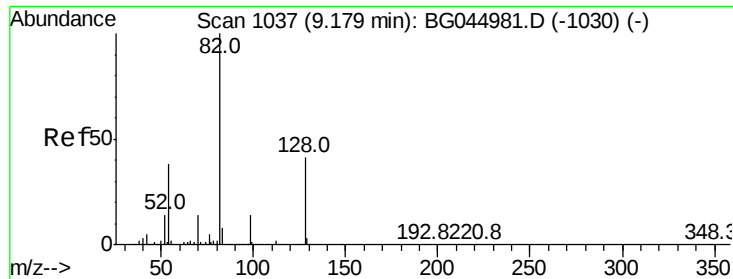
136 100

137 11.9 8.6 13.0

54 6.3 4.8 7.2

68 5.2 5.2 7.8#

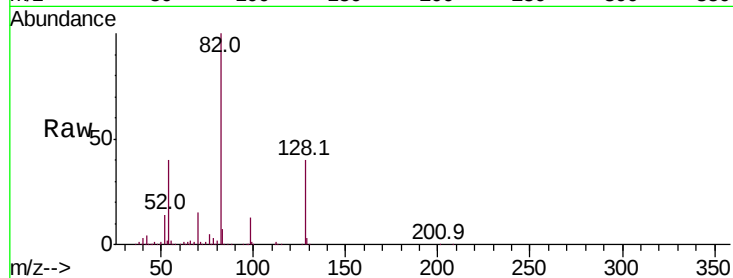




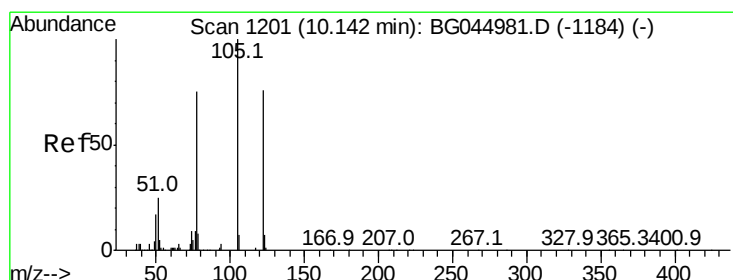
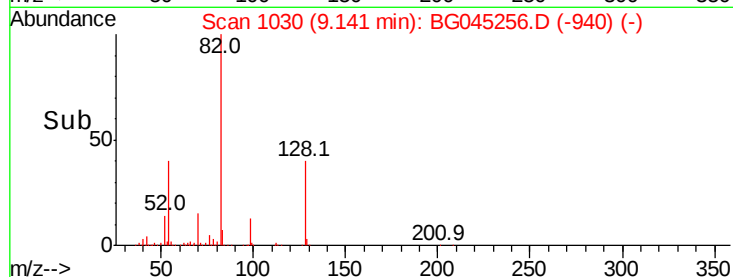
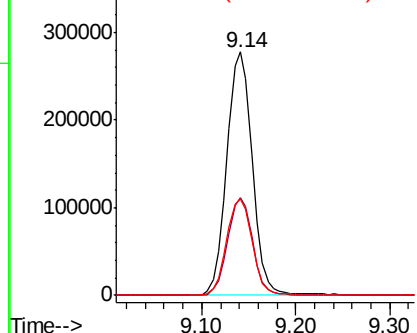
#23
 Nitrobenzene-d5
 Concen: 109.474 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG045256.D
 Acq: 6 May 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 6FT-TP-9

Tot Ion: 82 Resp: 526261
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.0 49.4
 54 39.6 30.4 45.6

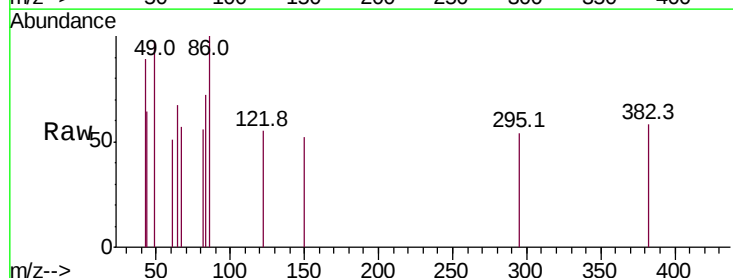


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

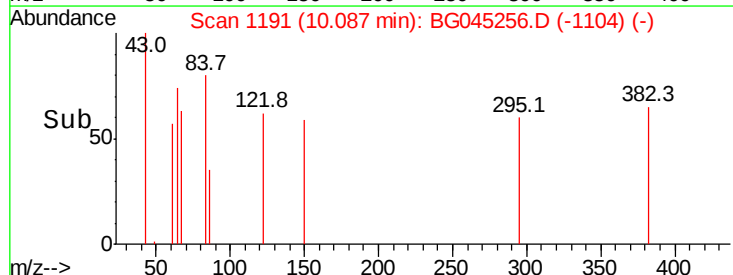
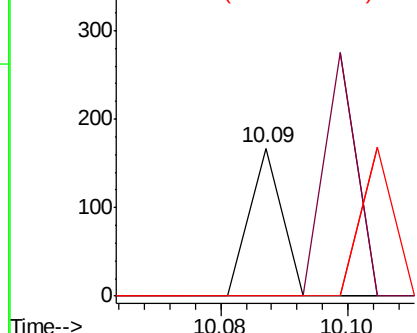


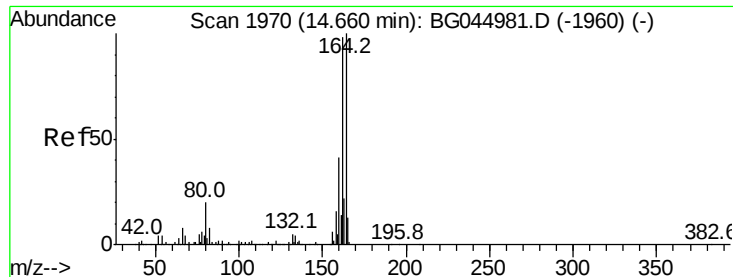
#32
 Benzoic acid
 Concen: 6.393 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BG045256.D
 Acq: 6 May 2020 16:59

Tgt Ion: 122 Resp: 59
 Ion Ratio Lower Upper
 122 100
 105 0.0 108.4 148.4#
 77 0.0 78.8 118.8#



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: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

Instrument :

BNA_G

ClientSampled :

6FT-TP-9

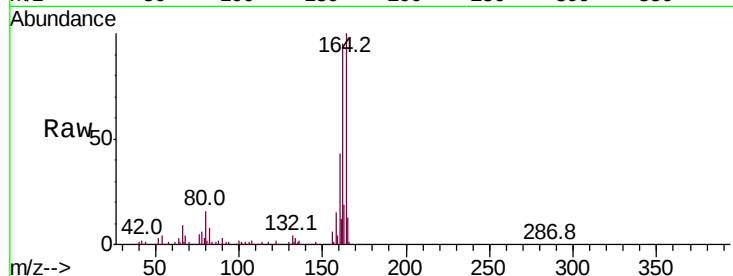
Tot Ion:164 Resp: 171344

Ion Ratio Lower Upper

164 100

162 94.8 78.7 118.1

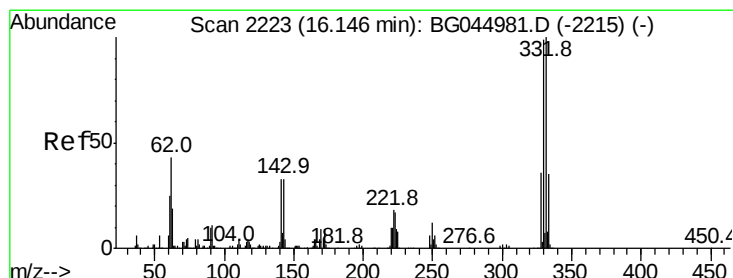
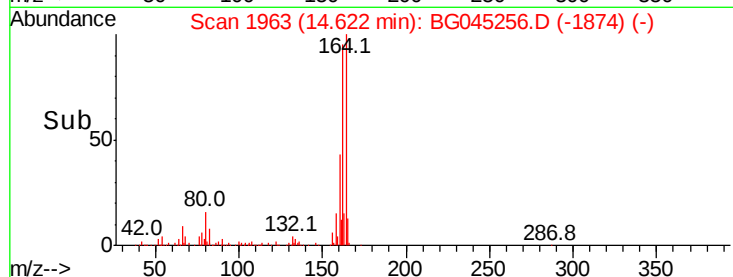
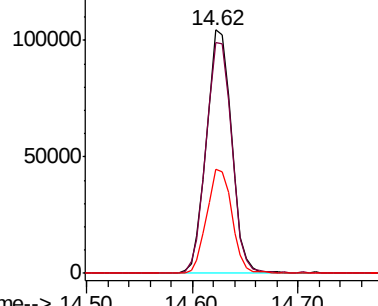
160 42.9 32.8 49.2



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: 167.891 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

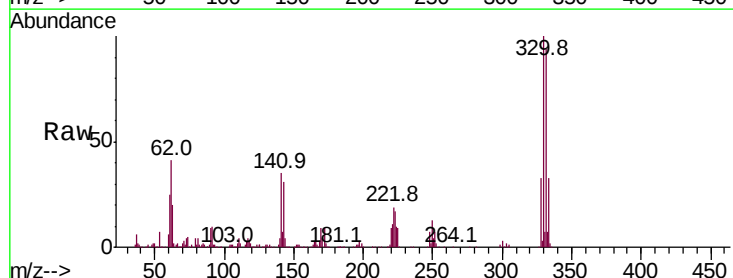
Tgt Ion:330 Resp: 444413

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

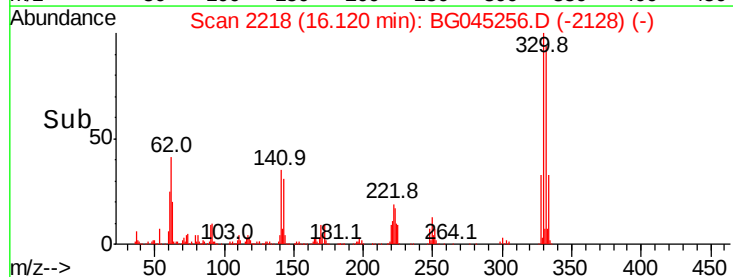
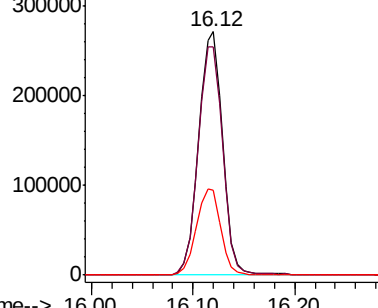
141 36.1 27.1 40.7

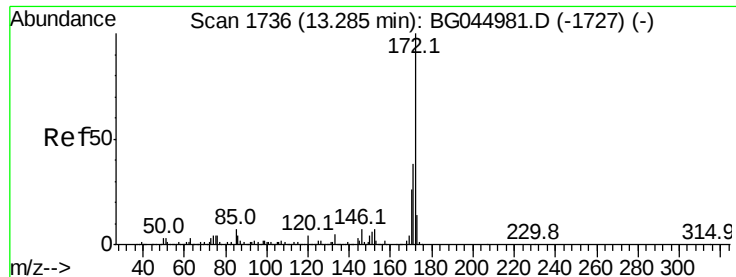


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

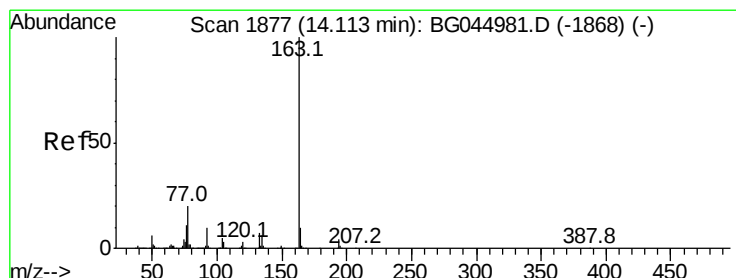
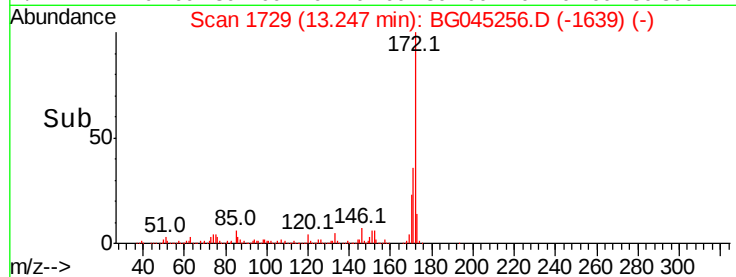
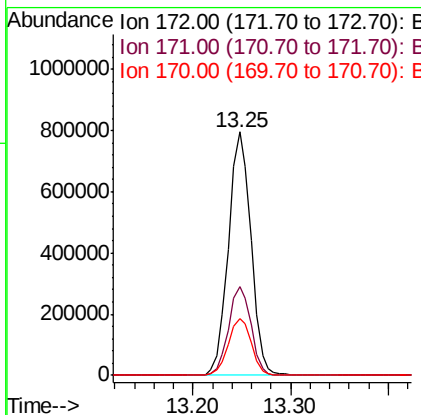
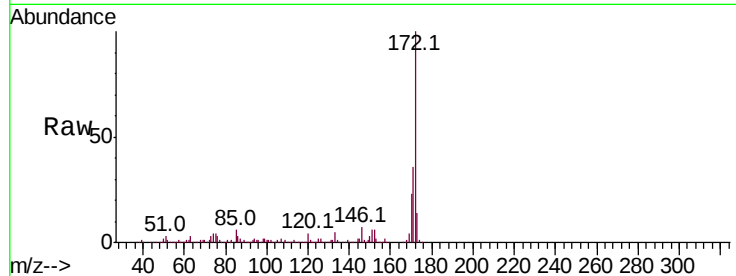




#45
2-Fluorobiphenyl
Concen: 109.069 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

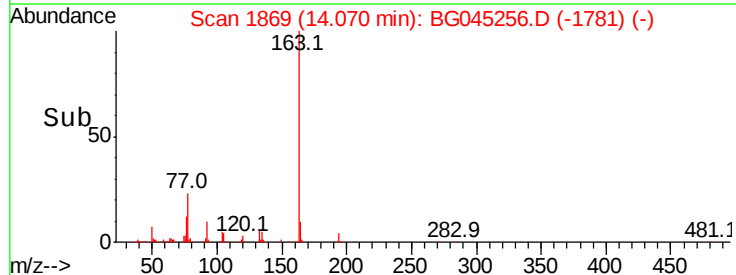
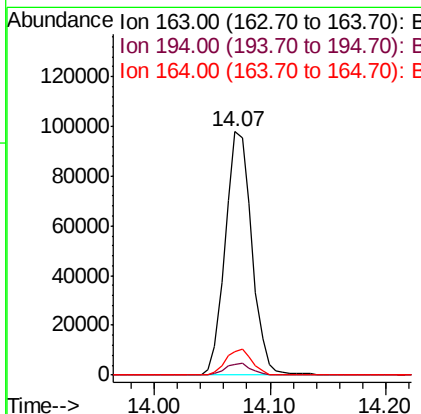
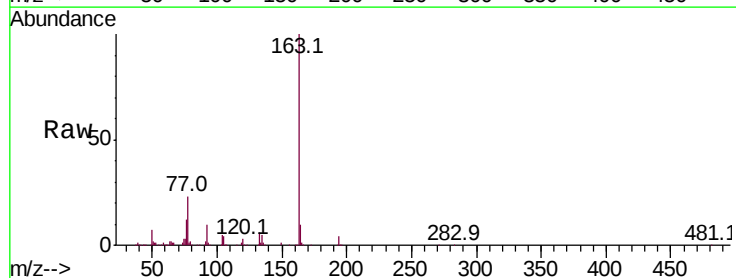
Instrument :
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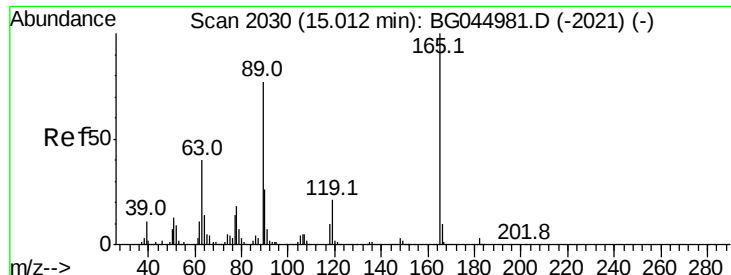
Tot Ion:172 Resp: 1274501
Ion Ratio Lower Upper
172 100
171 36.4 30.6 46.0
170 23.3 20.5 30.7



#50
Dimethylphthalate
Concen: 11.172 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Tgt Ion:163 Resp: 155873
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.7 8.2 12.4

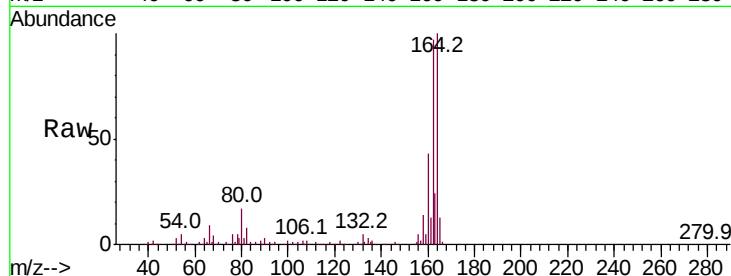




#57
 2,4-Dinitrotoluene
 Concen: 4.690 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.36 min
 Lab File: BG045256.D
 Acq: 6 May 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 6FT-TP-9

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	32.2	48.2#
89	2.2	61.7	92.5#
182	0.0	2.0	3.0#



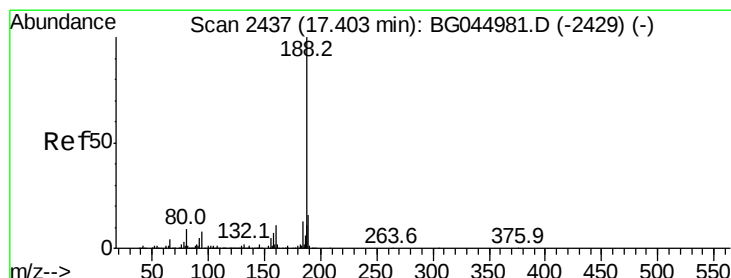
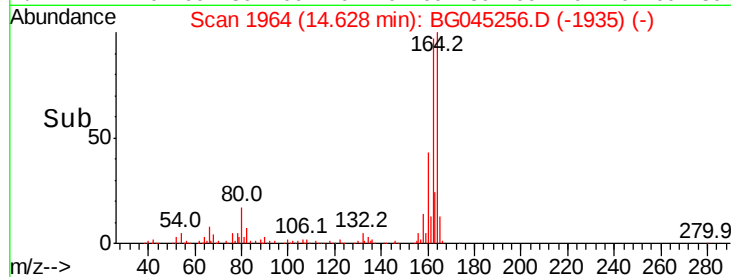
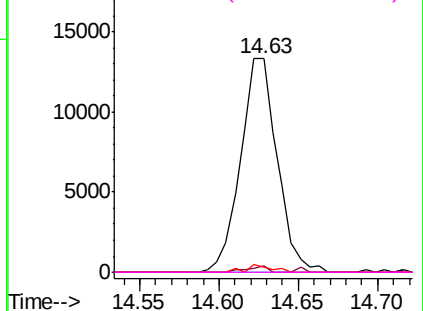
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

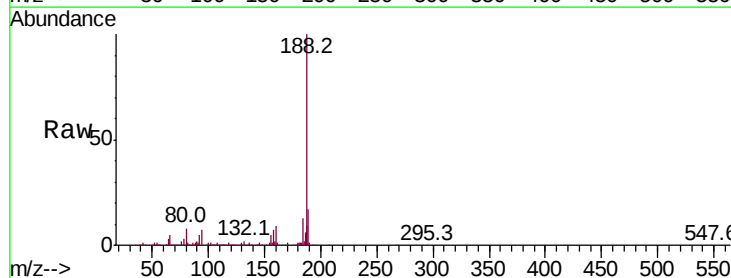
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BG045256.D
 Acq: 6 May 2020 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.5	7.0	10.6

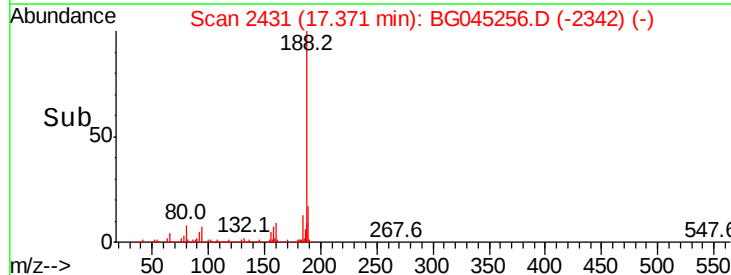
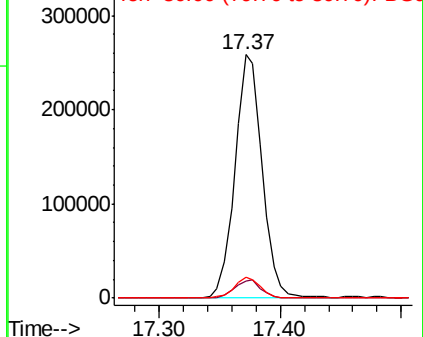


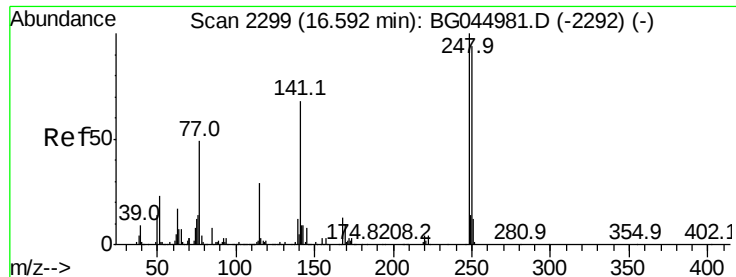
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

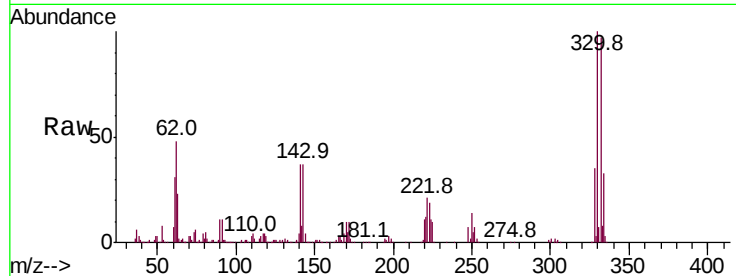




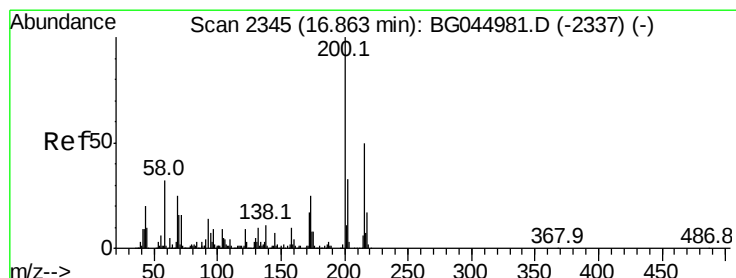
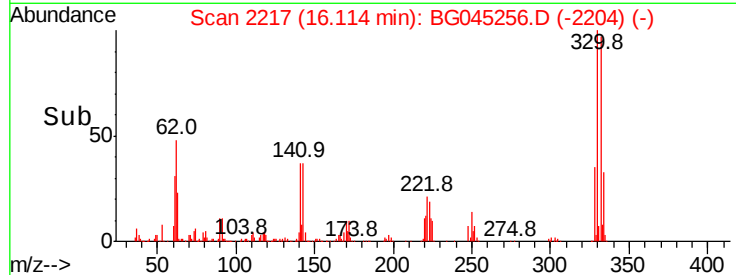
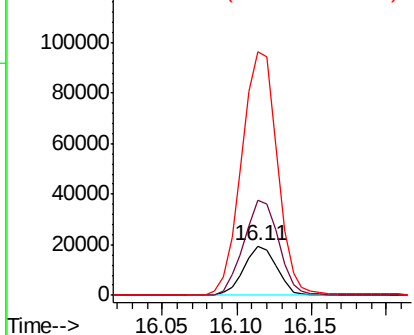
#67
4-Bromophenyl-phenylether
Concen: 5.741 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Instrument :
BNA_G
ClientSampleId :
6FT-TP-9

Tot Ion:248 Resp: 30035
Ion Ratio Lower Upper
248 100
250 193.4 75.4 113.2#
141 494.1 54.4 81.6#

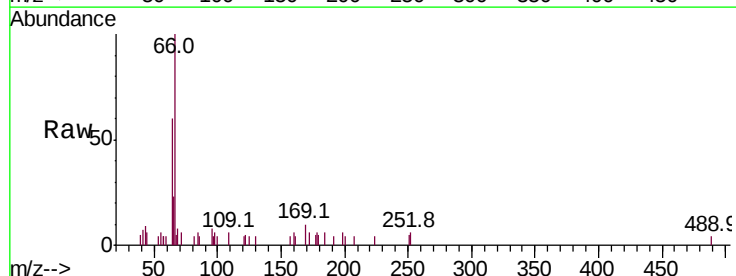


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

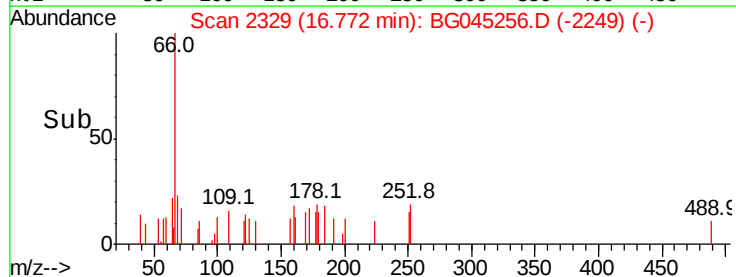
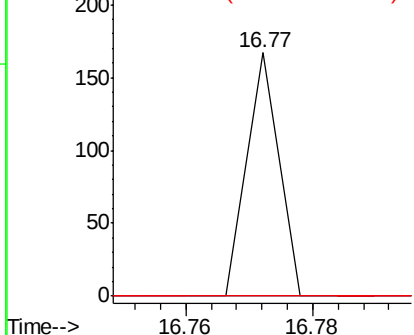


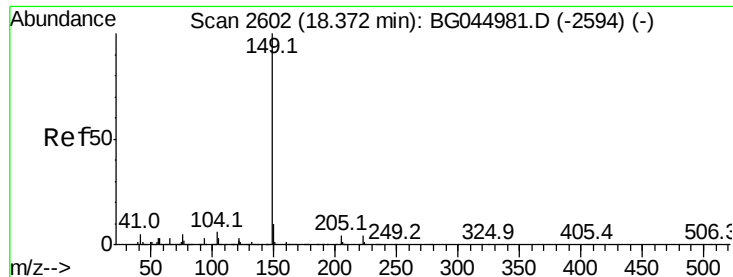
#69
Atrazine
Concen: Below Cal
RT: 16.77 min Scan# 2329
Delta R.T. -0.06 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Tgt Ion:200 Resp: 59
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

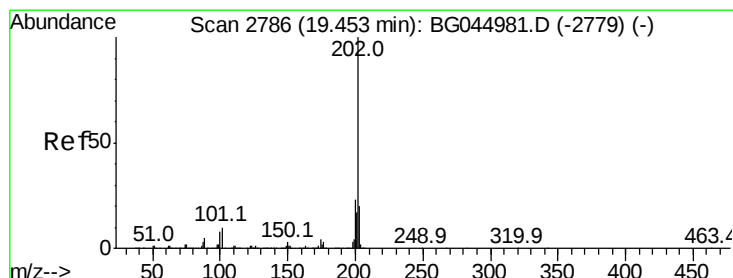
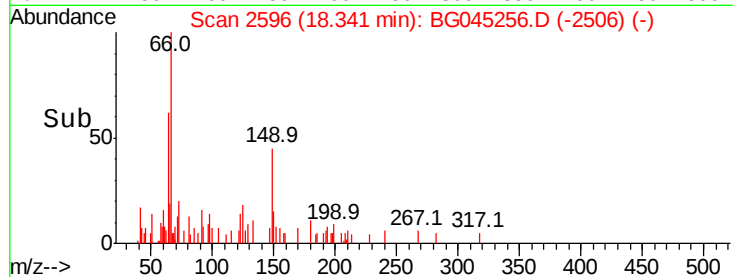
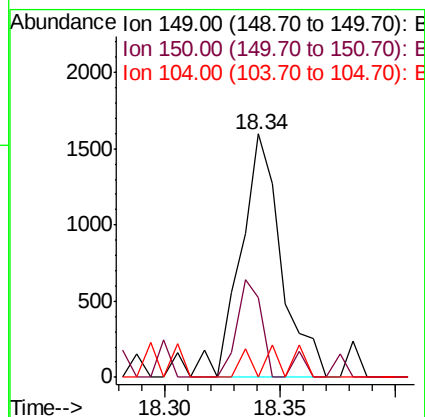
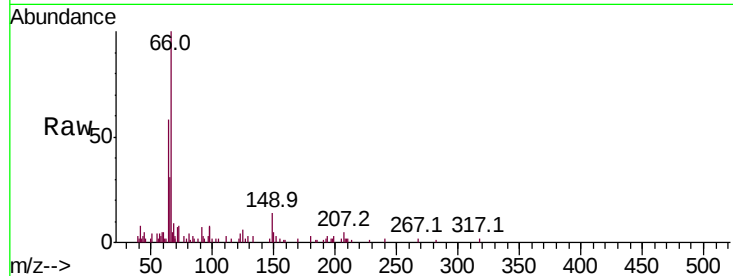




#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

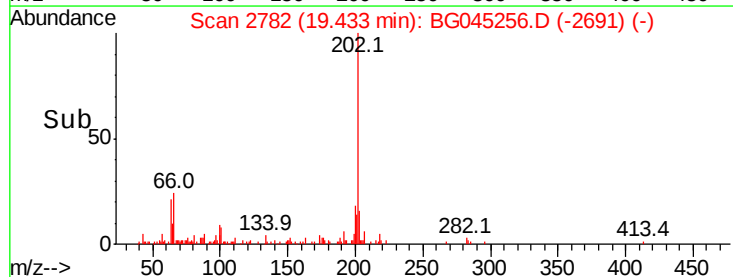
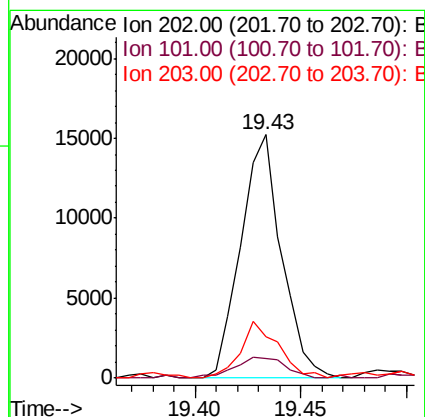
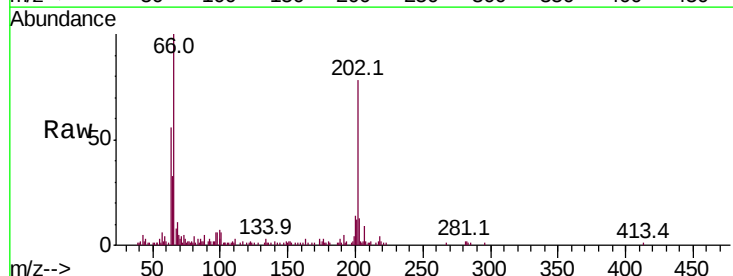
Instrument :
BNA_G
ClientSampleId :
6FT-TP-9

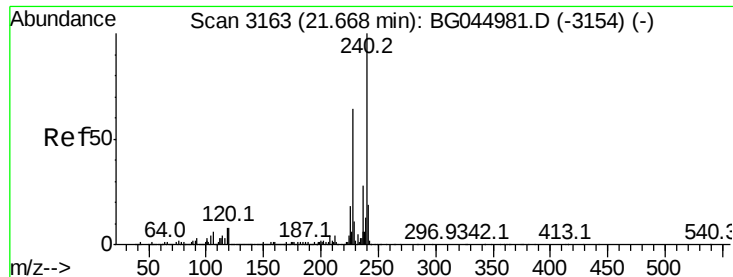
Tot Ion:149 Resp: 1964
Ion Ratio Lower Upper
149 100
150 33.0 8.2 12.2#
104 0.0 4.8 7.2#



#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Tgt Ion:202 Resp: 20437
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.6
203 16.9 0.0 39.7

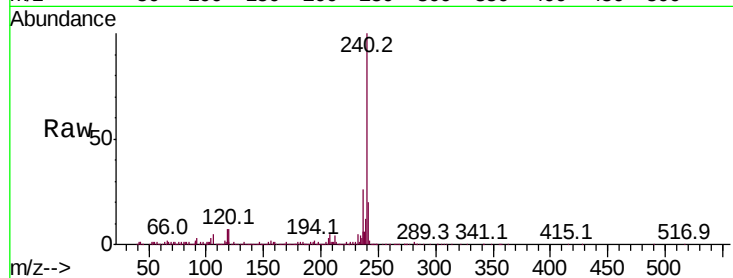




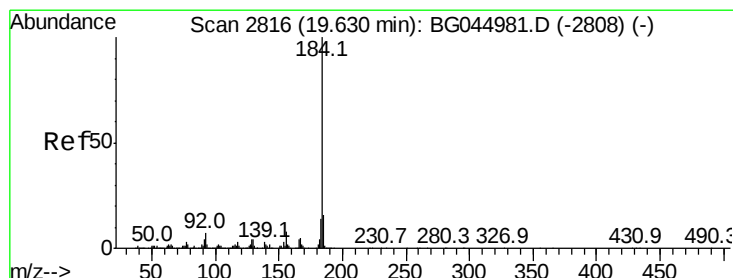
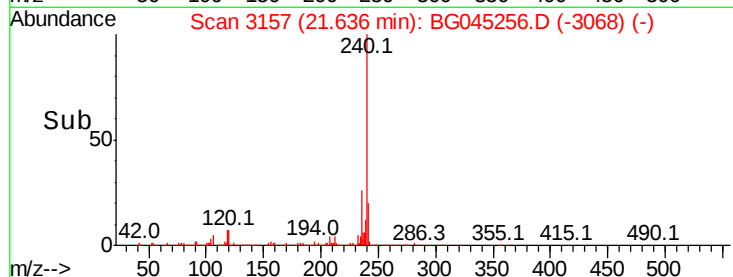
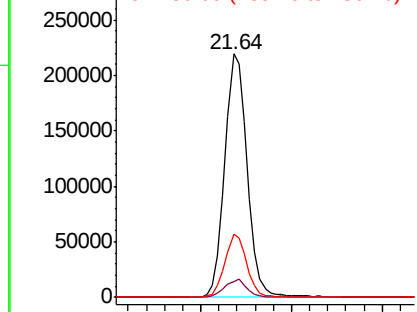
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Instrument :
BNA_G
ClientSampleId :
6FT-TP-9

Tot Ion:240 Resp: 376022
Ion Ratio Lower Upper
240 100
120 6.6 6.6 10.0#
236 25.8 22.2 33.2

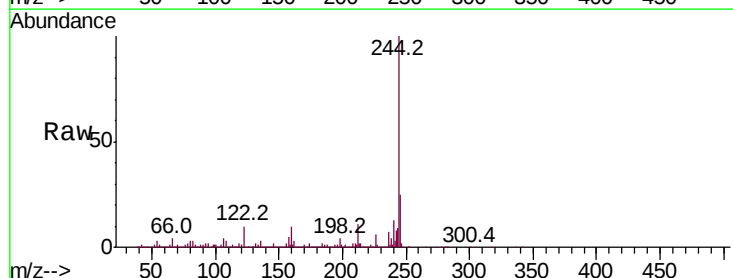


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

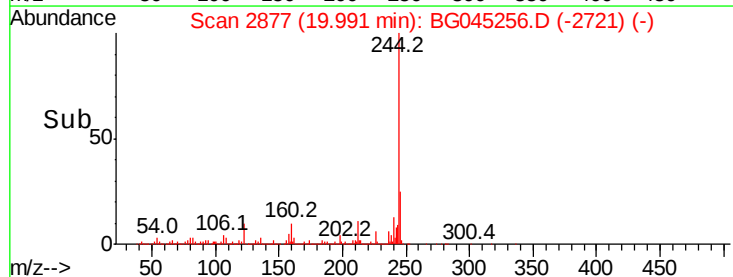
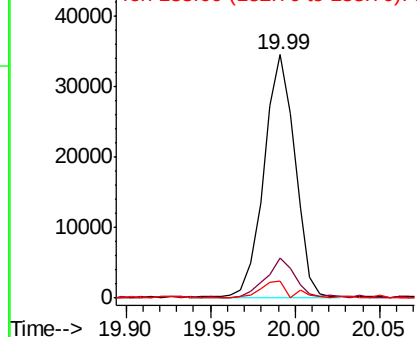


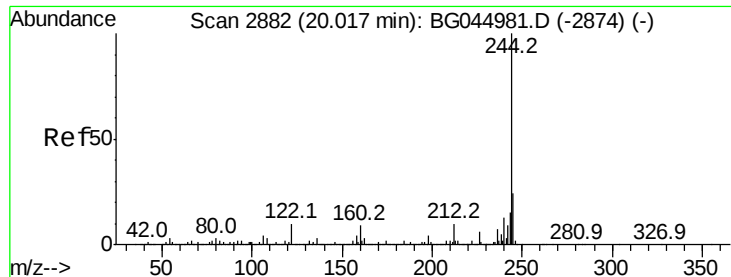
#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG045256.D
Acq: 6 May 2020 16:59

Tgt Ion:184 Resp: 44390
Ion Ratio Lower Upper
184 100
185 16.4 12.6 19.0
183 6.7 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: 122.262 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

Instrument :

BNA_G

ClientSampleId :

6FT-TP-9

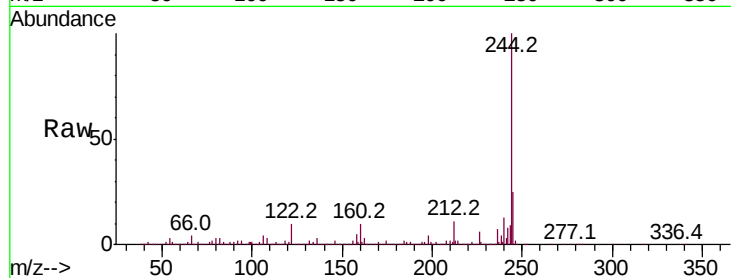
Tot Ion:244 Resp: 2109282

Ion Ratio Lower Upper

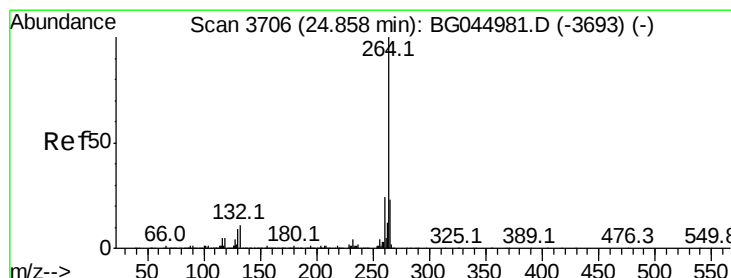
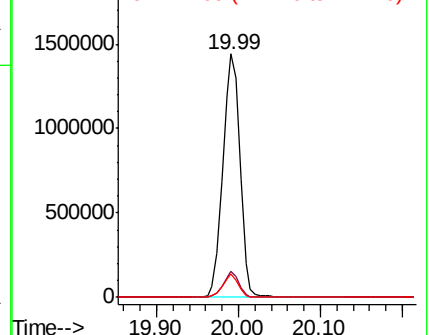
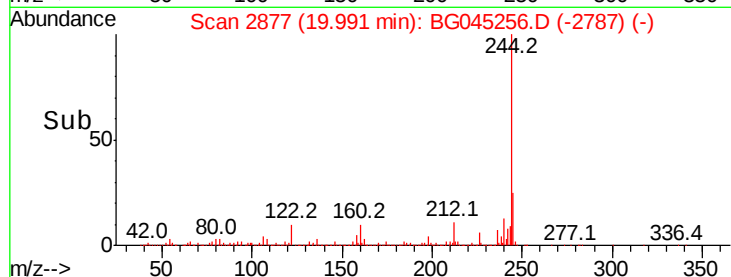
244 100

212 10.7 7.9 11.9

122 9.5 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 24.81 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG045256.D

Acq: 6 May 2020 16:59

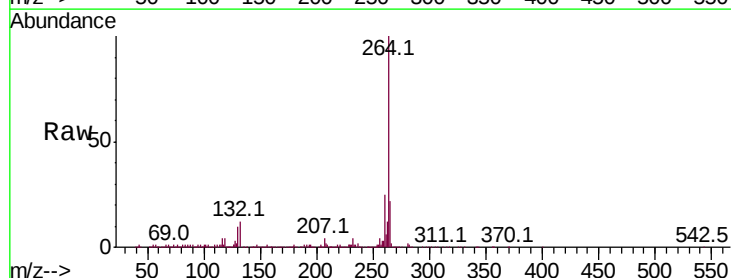
Tgt Ion:264 Resp: 403234

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.6 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

