

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045480.D
 Acq On : 27 May 2020 17:35
 Operator : CG/JU
 Sample : L2745-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 28 00:41:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

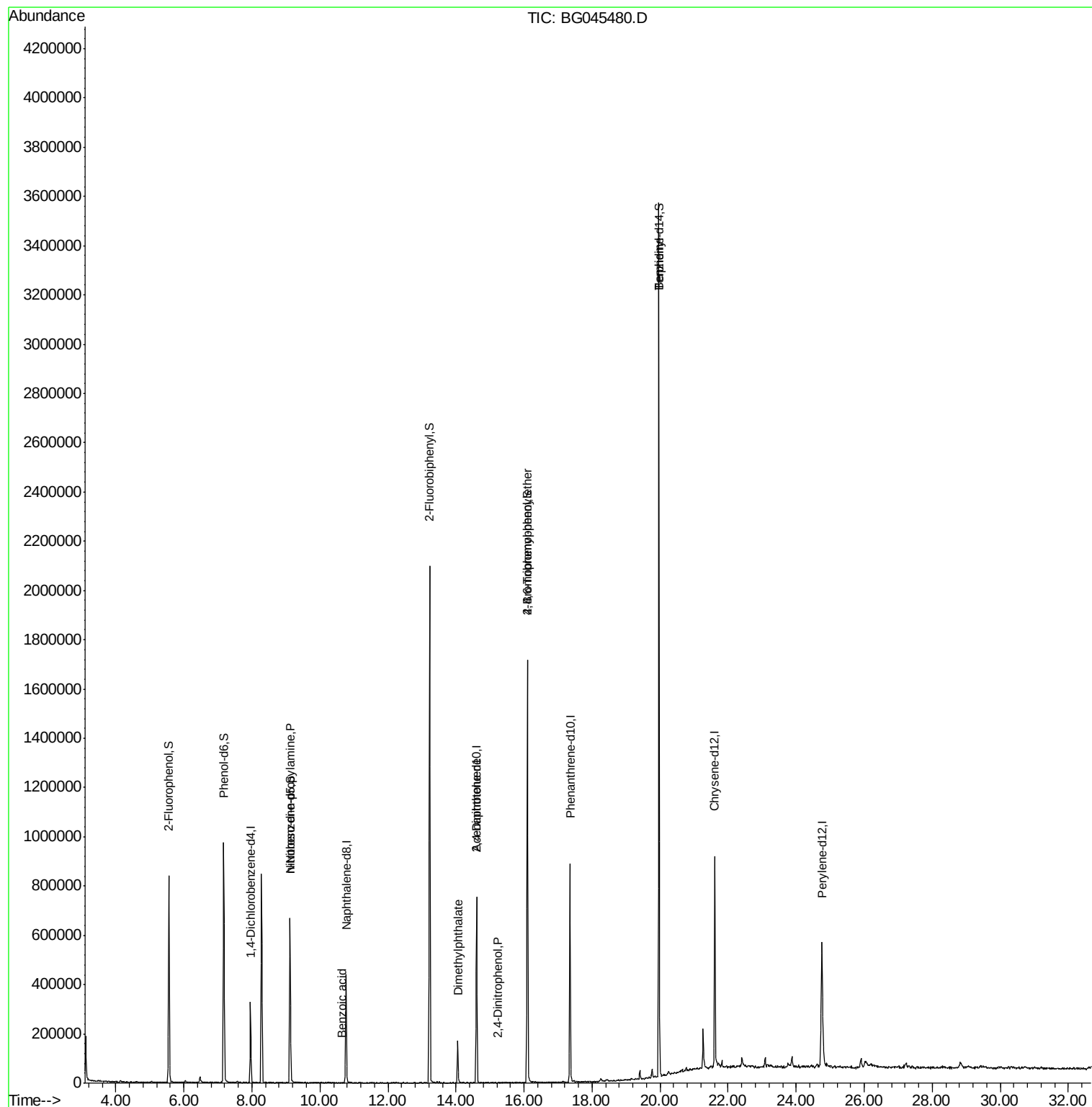
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	95905	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	392089	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	279028	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	607010	20.00	ng	0.00
76) Chrysene-d12	21.60	240	538007	20.00	ng	0.00
87) Perylene-d12	24.76	264	582827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	410249	83.60	ng	0.00
7) Phenol-d6	7.17	99	655663	93.87	ng	0.00
23) Nitrobenzene-d5	9.12	82	456709	63.52	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	351430	98.48	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1137297	69.14	ng	0.00
79) Terphenyl-d14	19.97	244	1704537	73.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	63354	13.117	ng	# 79
32) Benzoic acid	10.64	122	75	10.040	ng	# 27
50) Dimethylphthalate	14.05	163	125204	6.541	ng	100
54) 2,4-Dinitrophenol	15.22	184	57	5.478	ng	# 17
57) 2,4-Dinitrotoluene	14.60	165	37332	5.968	ng	# 24
67) 4-Bromophenyl-phenylether	16.10	248	23761	3.615	ng	# 1
77) Benzidine	19.97	184	30445	2.015	ng	# 88

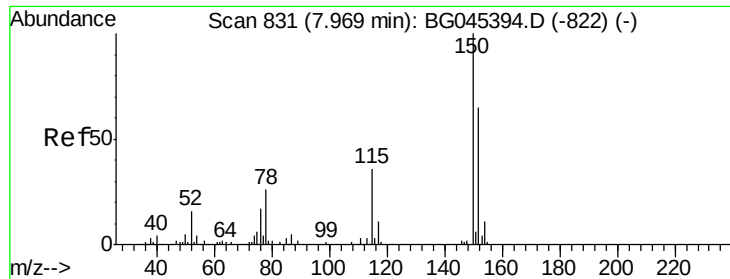
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045480.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 28 00:41:45 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



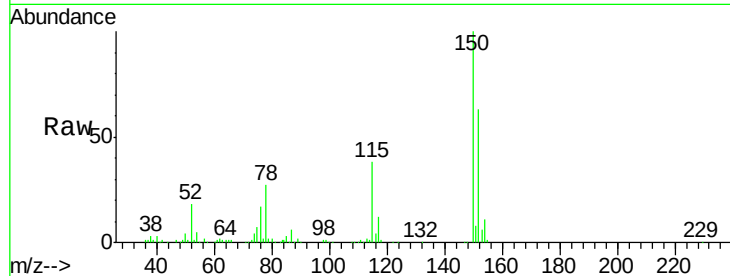


#1

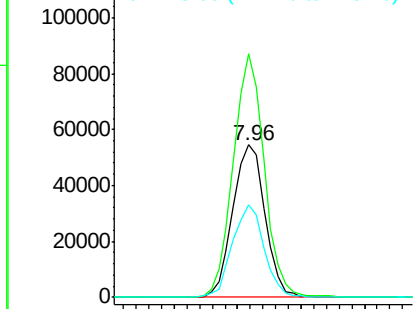
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Instrument :
BNA_G
ClientSampled :

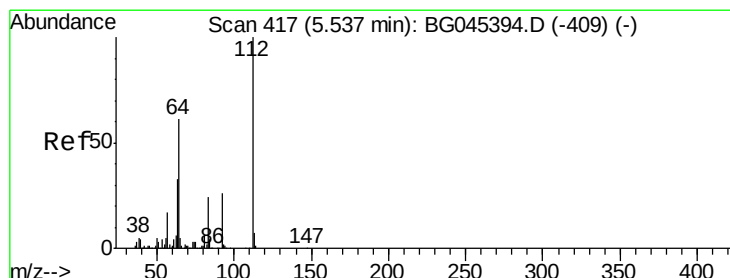
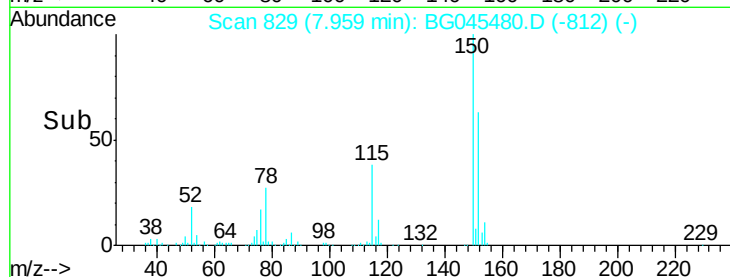
Tot Ion	152	Resp	95905
Ion Ratio	Lower	Upper	
152	100		
150	159.9	122.4	183.6
115	60.9	44.2	66.4



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



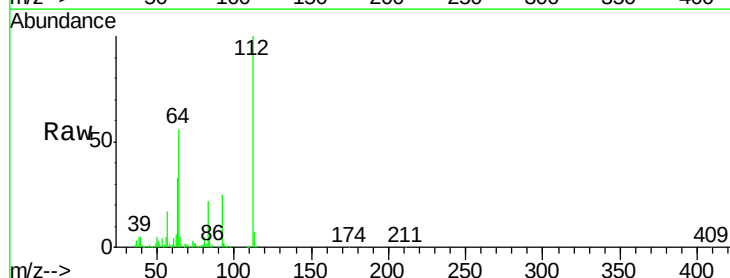
Time-->



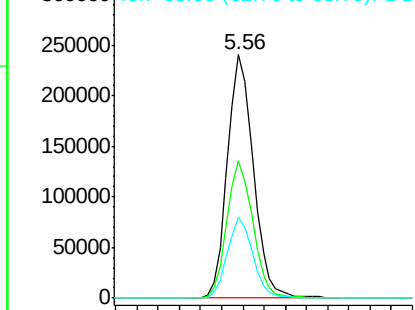
#5

2-Fluorophenol
Concen: 83.598 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

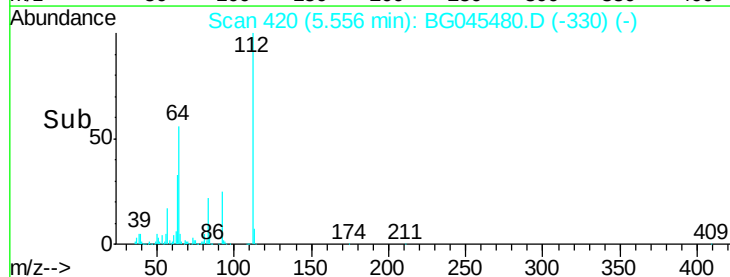
Tgt Ion	112	Resp	410249
Ion Ratio	Lower	Upper	
112	100		
64	56.2	48.6	72.8
63	33.2	26.5	39.7

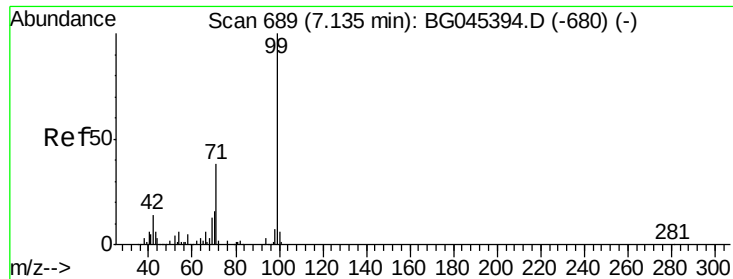


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 93.871 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

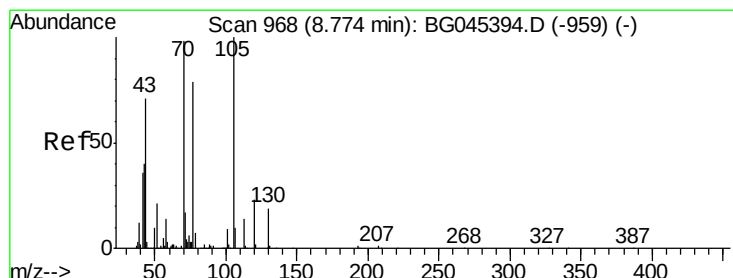
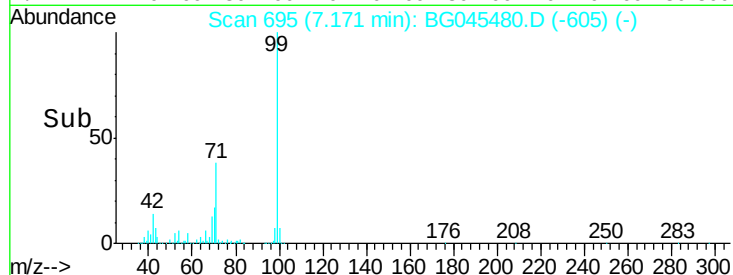
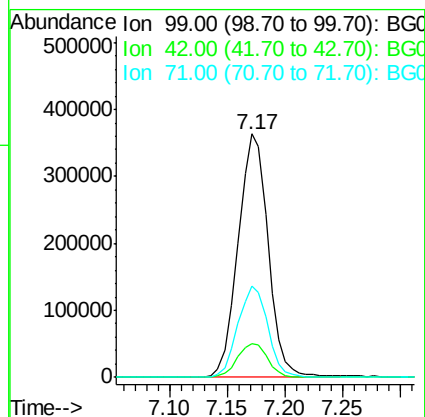
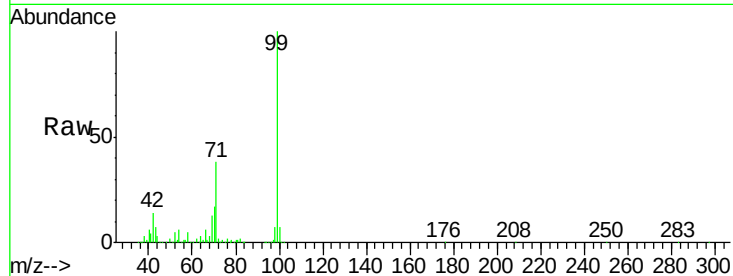
Tot Ion: 99 Resp: 655663

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 37.6 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.117 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Tgt Ion: 70 Resp: 63354

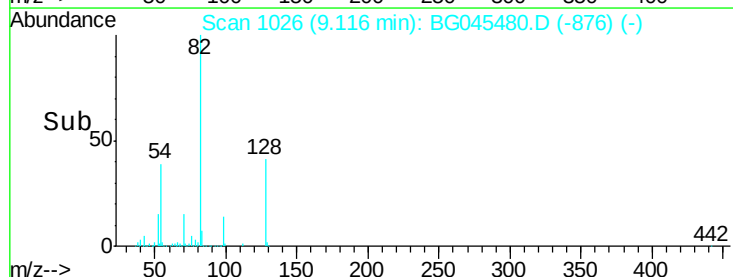
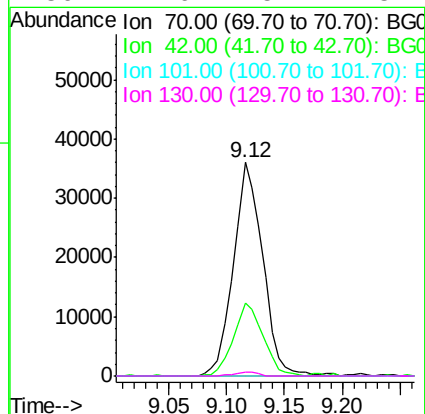
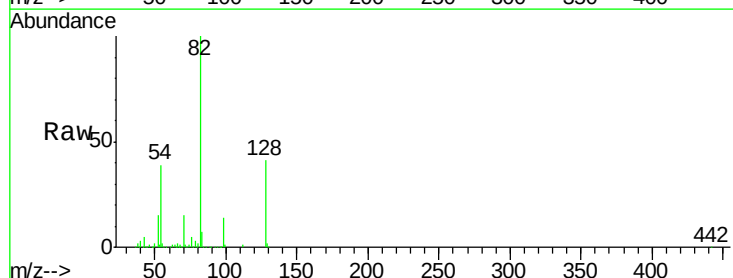
Ion Ratio Lower Upper

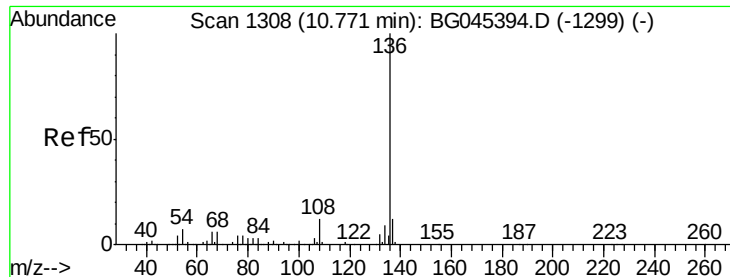
70 100

42 34.1 33.2 49.8

101 0.0 7.8 11.6#

130 1.6 15.4 23.2#

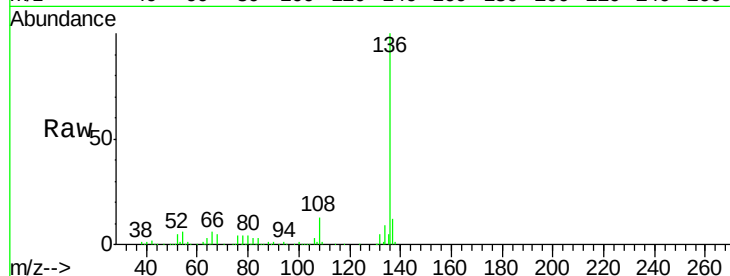




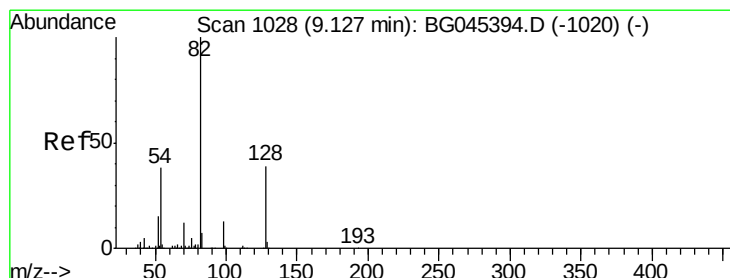
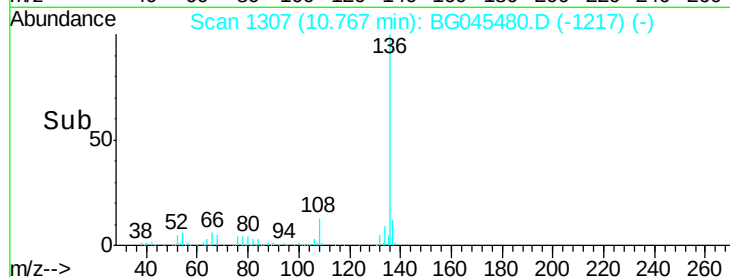
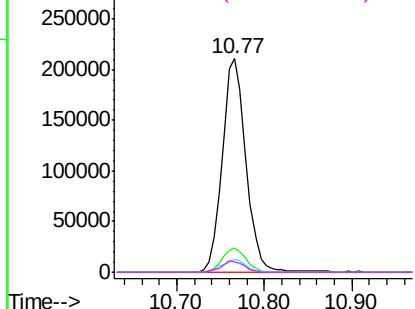
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	392089	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.4	14.2	
54 6.2	5.8	8.6	
68 5.1	4.5	6.7	

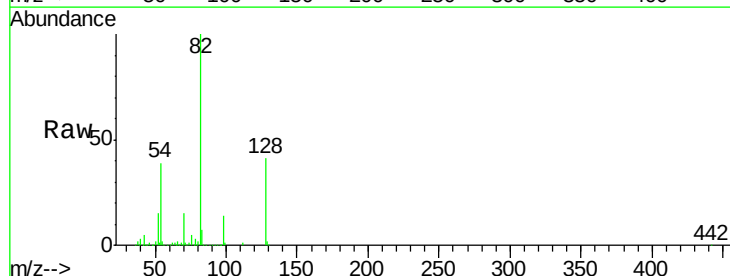


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

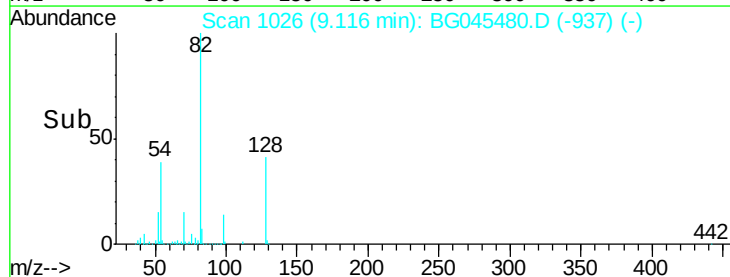
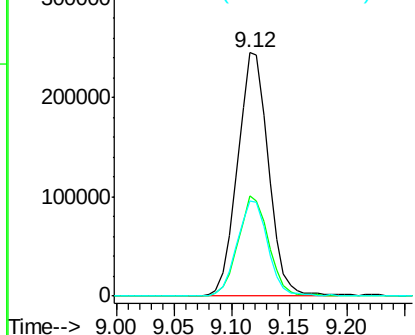


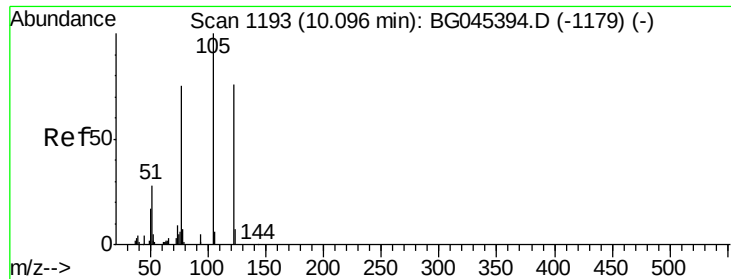
#23
Nitrobenzene-d5
Concen: 63.519 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Tgt	Ion: 82	Resp:	456709
Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.9	46.3
54	39.1	30.3	45.5



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





#32

Benzoic acid

Concen: 10.040 ng

RT: 10.64 min Scan# 1286

Delta R.T. 0.50 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampled :

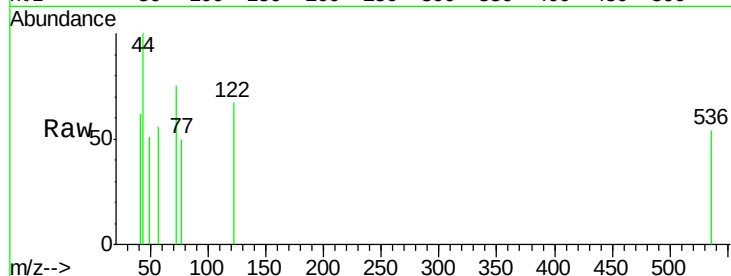
Tot Ion:122 Resp: 75

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

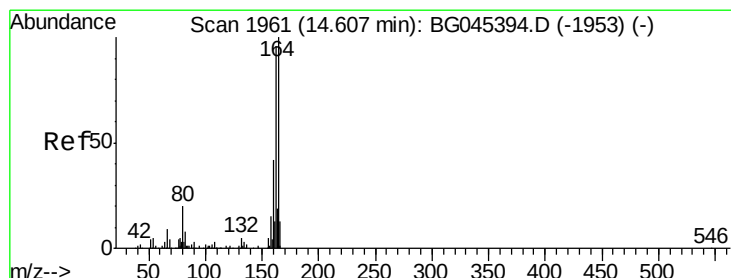
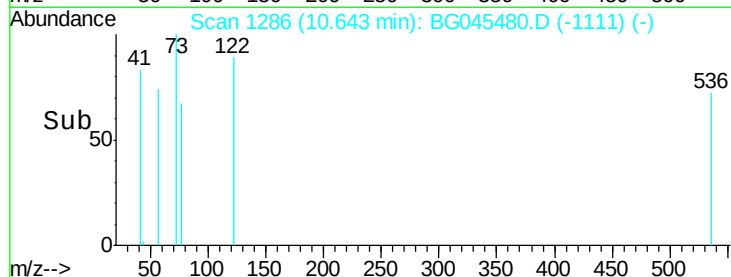
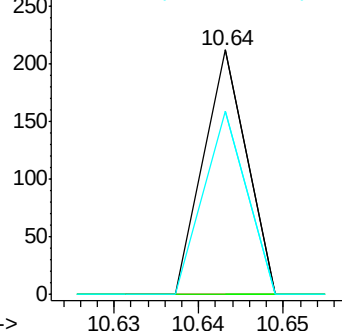
77 75.0 78.9 118.9#



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: 14.60 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

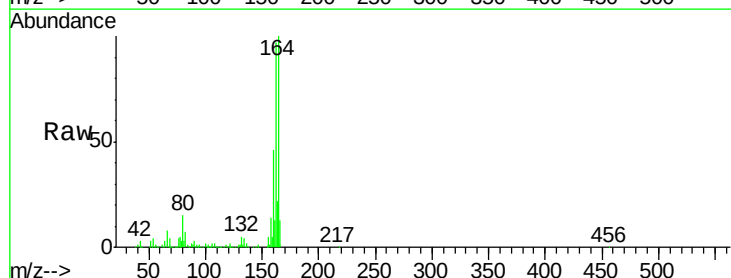
Tgt Ion:164 Resp: 279028

Ion Ratio Lower Upper

164 100

162 97.3 76.9 115.3

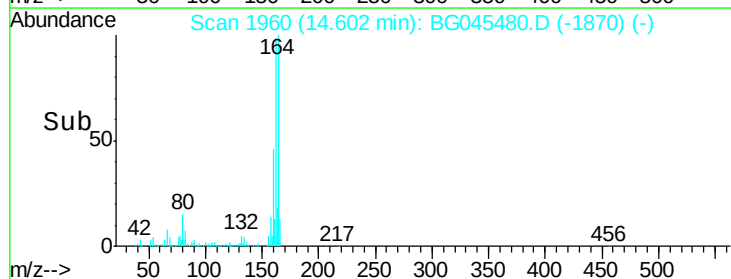
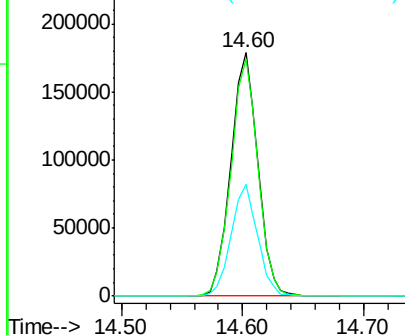
160 45.8 33.8 50.8

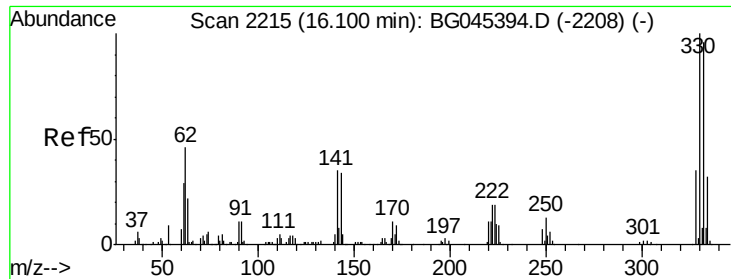


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 98.482 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

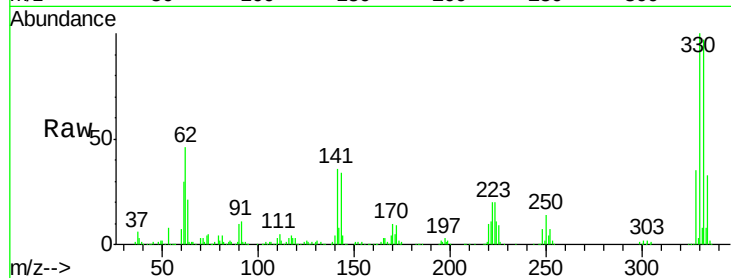
Tot Ion:330 Resp: 351430

Ion Ratio Lower Upper

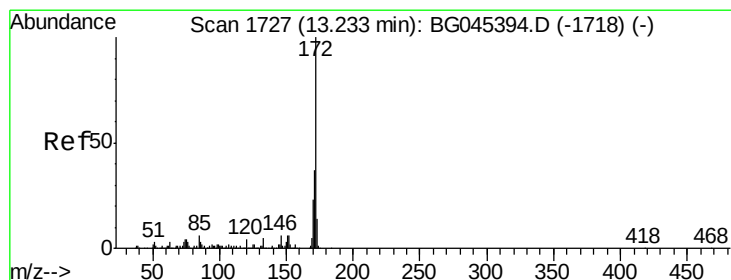
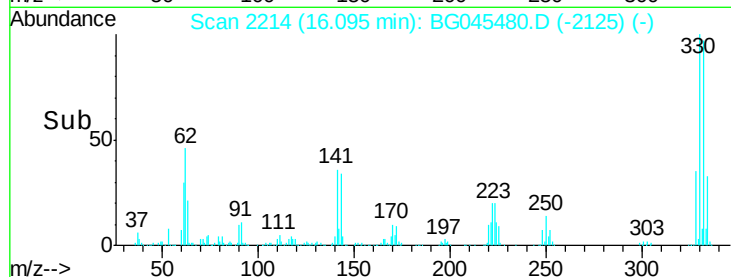
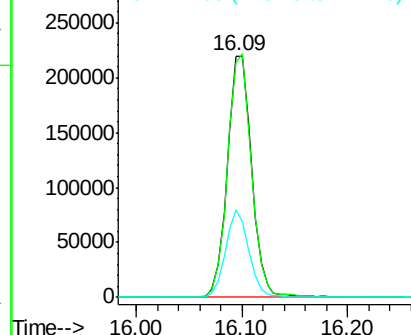
330 100

332 98.6 78.2 117.4

141 34.7 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: 69.136 ng

RT: 13.22 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

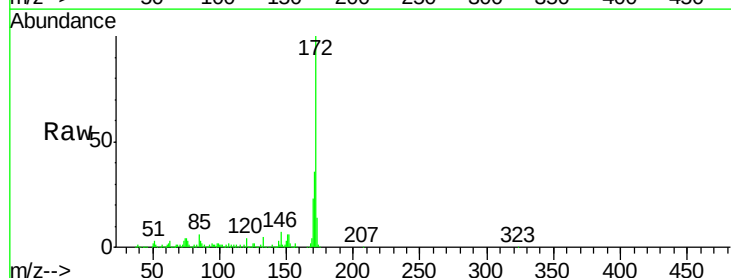
Tgt Ion:172 Resp: 1137297

Ion Ratio Lower Upper

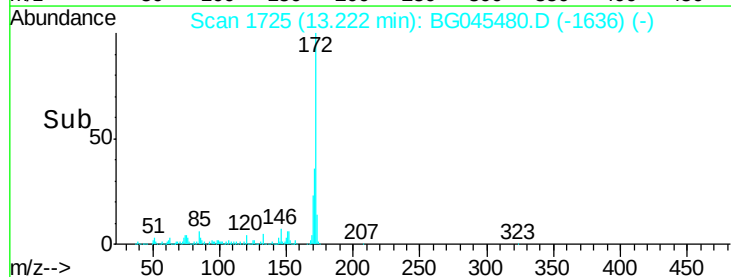
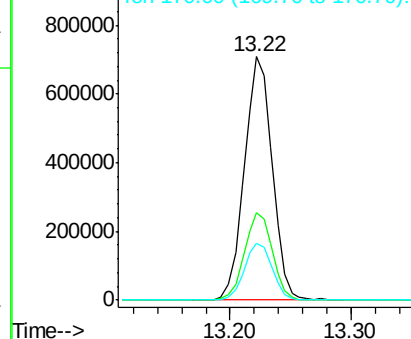
172 100

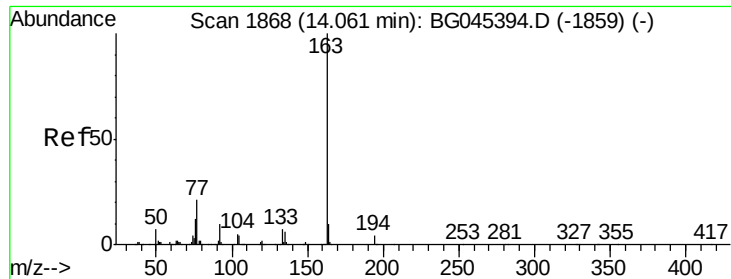
171 36.0 29.5 44.3

170 23.4 18.5 27.7



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: 6.541 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

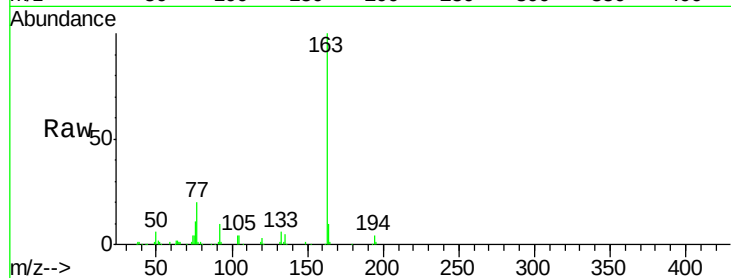
Tot Ion:163 Resp: 125204

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

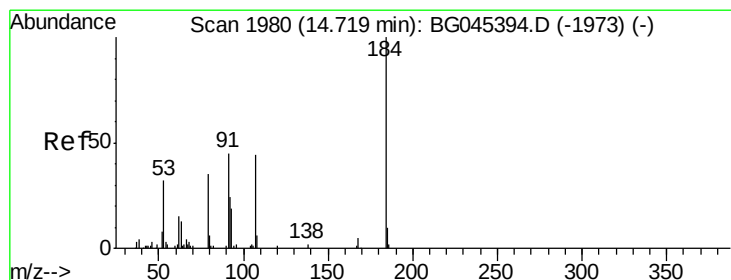
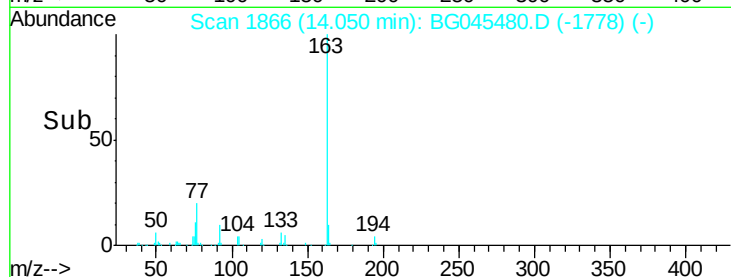
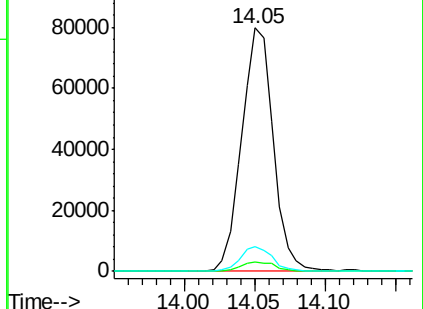
164 10.2 8.3 12.5



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: 5.478 ng

RT: 15.22 min Scan# 2065

Delta R.T. 0.50 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

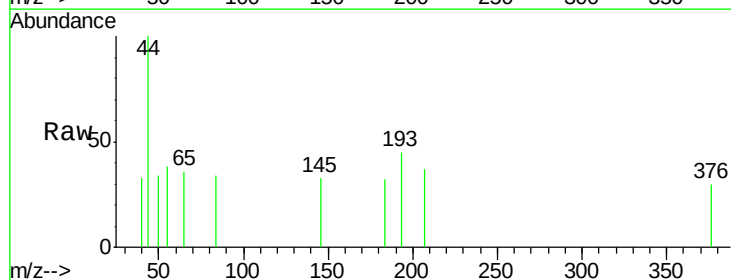
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

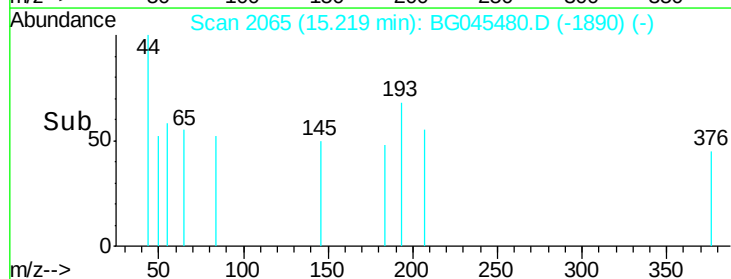
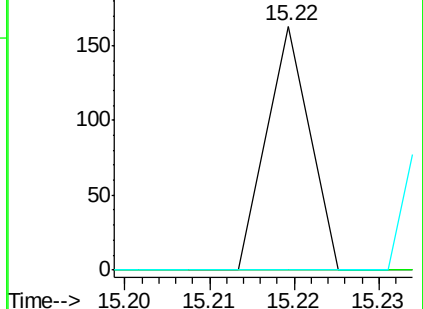
154 0.0 58.3 87.5#

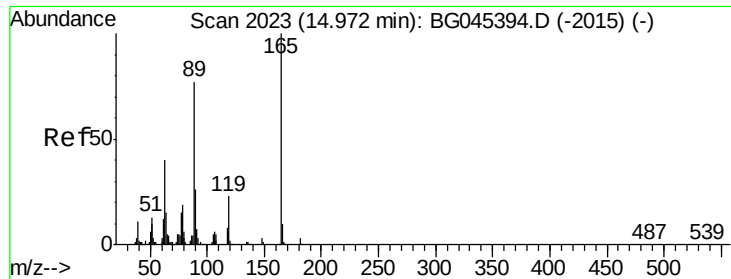


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

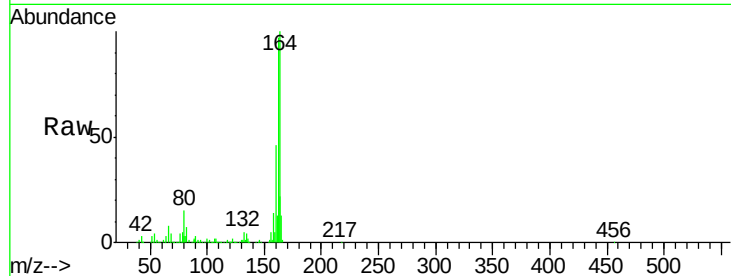




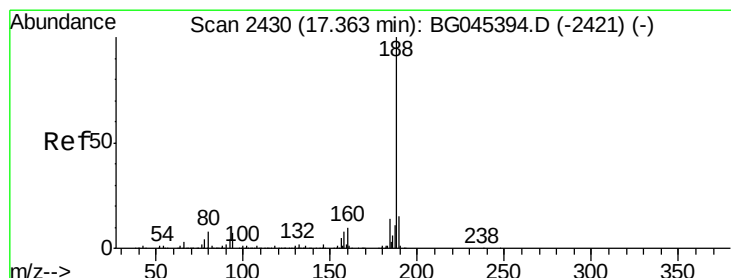
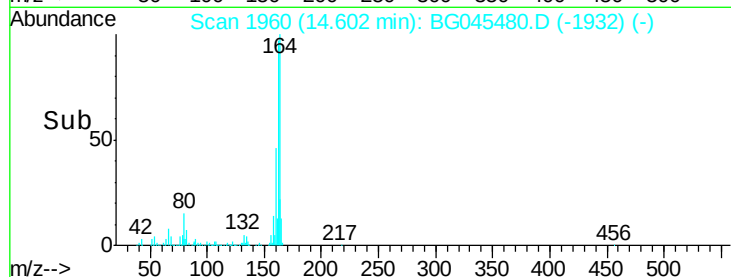
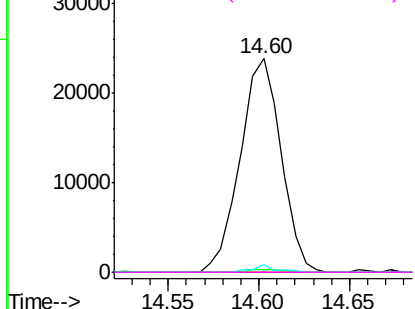
#57
 2,4-Dinitrotoluene
 Concen: 5.968 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.36 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 37332
 Ion Ratio Lower Upper
 165 100
 63 1.3 32.5 48.7#
 89 3.8 61.8 92.6#
 182 0.0 2.3 3.5#

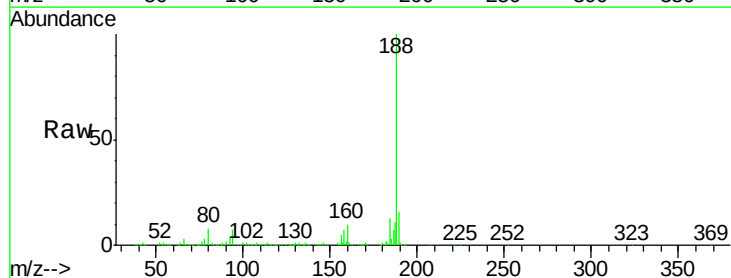


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

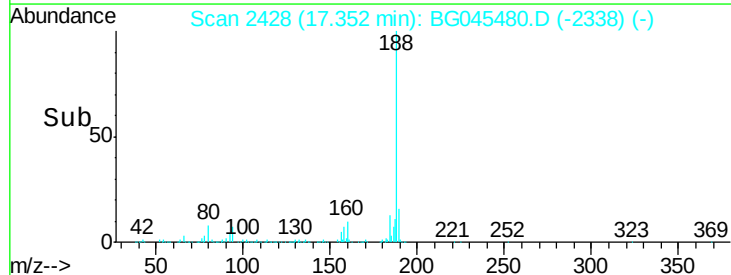
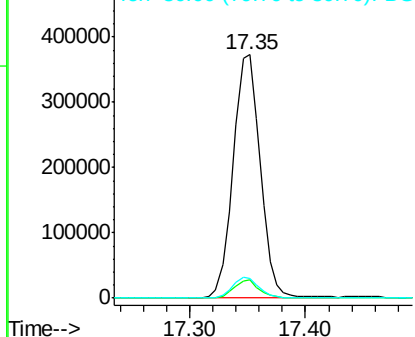


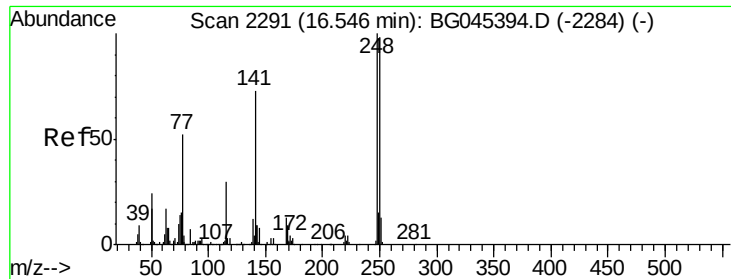
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Tgt Ion:188 Resp: 607010
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.5 8.3
 80 8.3 6.6 10.0



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

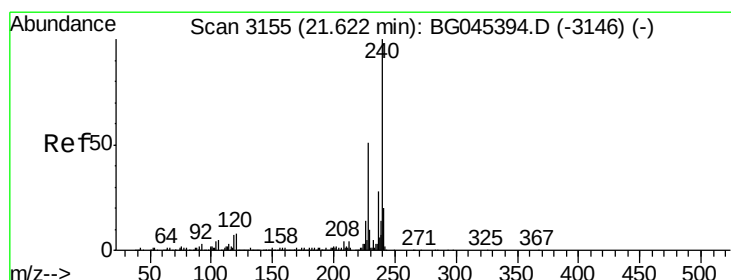
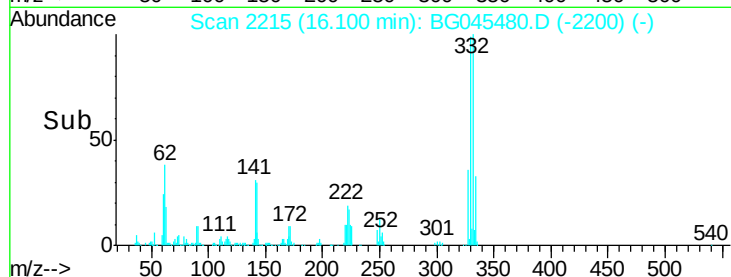
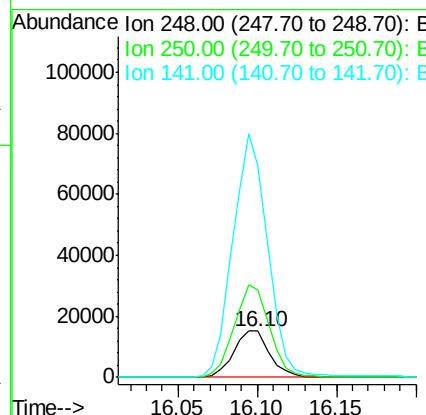
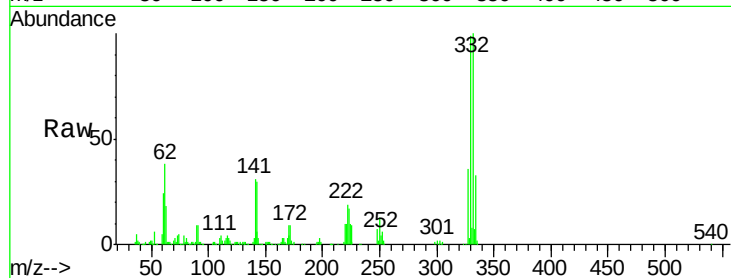




#67
 4-Bromophenyl-phenylether
 Concen: 3.615 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. -0.44 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

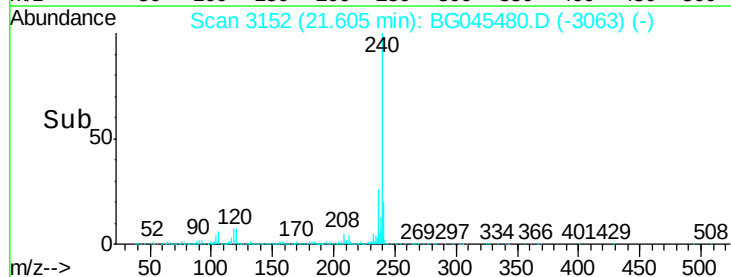
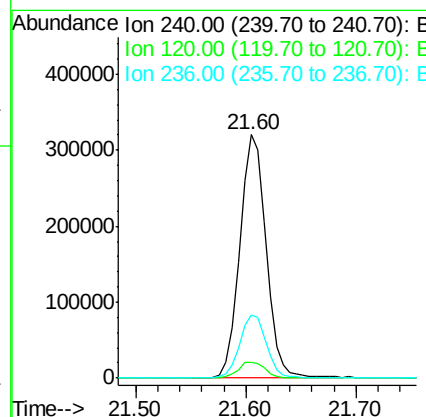
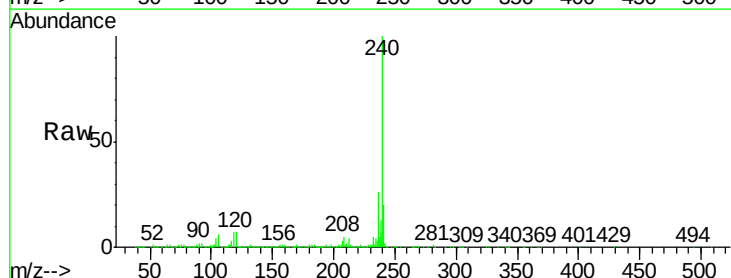
Instrument :
 BNA_G
 ClientSampled :

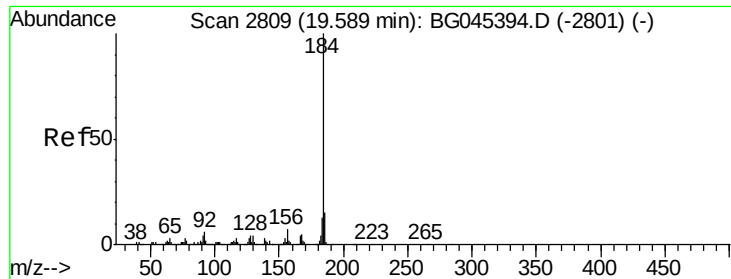
Tot Ion:248 Resp: 23761
 Ion Ratio Lower Upper
 248 100
 250 190.1 78.6 117.8#
 141 457.4 58.2 87.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG045480.D
 Acq: 27 May 2020 17:35

Tgt Ion:240 Resp: 538007
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.1 9.1
 236 25.9 22.3 33.5





#77

Benzidine

Concen: 2.015 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.38 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

Instrument :

BNA_G

ClientSampleId :

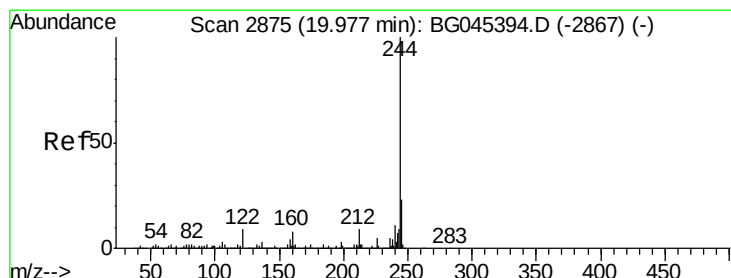
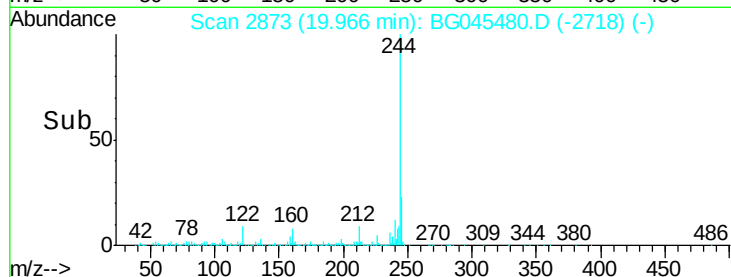
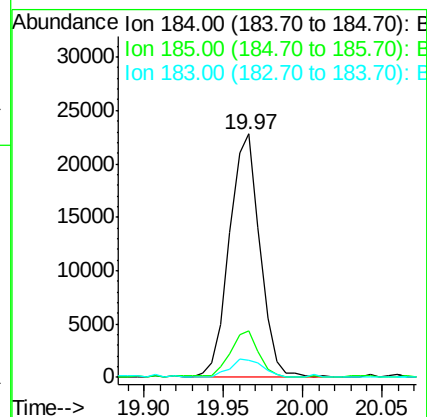
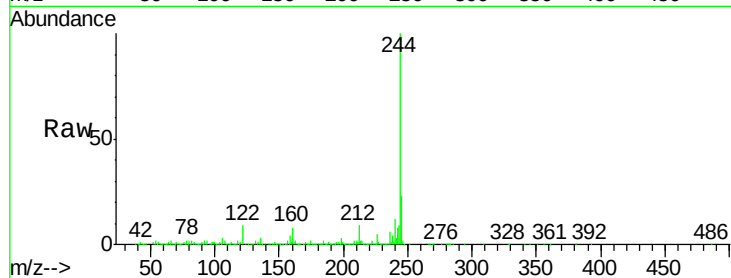
Tot Ion:184 Resp: 30445

Ion Ratio Lower Upper

184 100

185 18.9 11.7 17.5#

183 6.9 10.2 15.4#



#79

Terphenyl-d14

Concen: 73.893 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045480.D

Acq: 27 May 2020 17:35

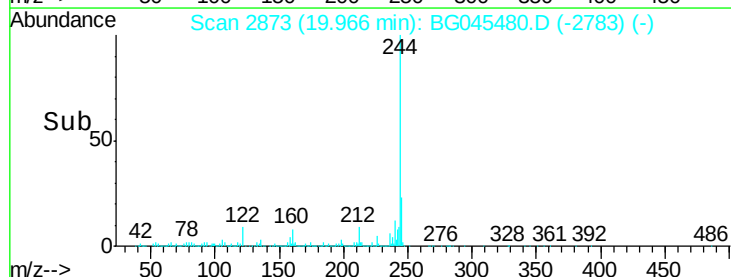
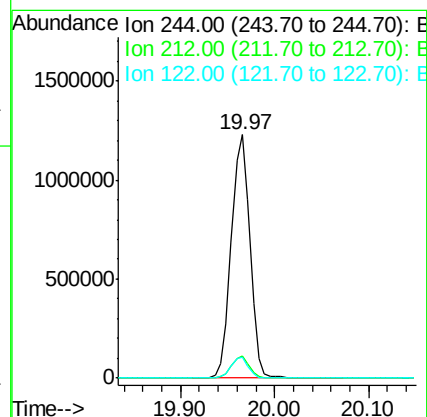
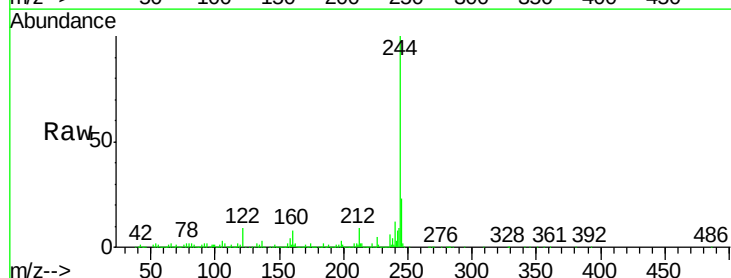
Tgt Ion:244 Resp: 1704537

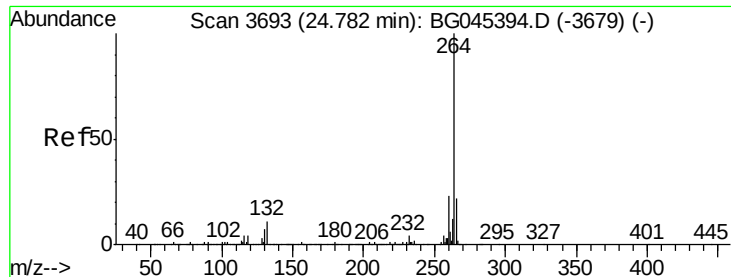
Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

122 8.5 6.8 10.2

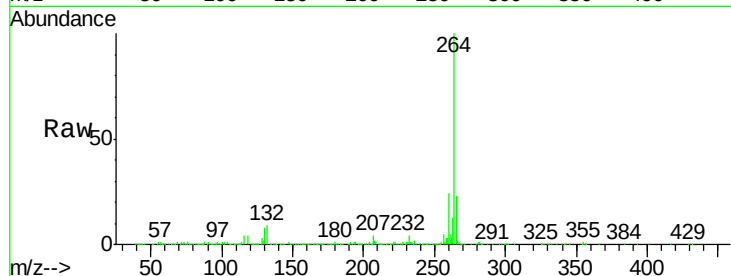




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045480.D
Acq: 27 May 2020 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	582827
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.6	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

