

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045717.D
 Acq On : 11 Jun 2020 10:46
 Operator : CG/JU
 Sample : L2965-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASMENT-GRAY-WALL

Quant Time: Jun 11 11:45:18 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	66326	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	250366	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164360	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	332689	20.00	ng	0.00
76) Chrysene-d12	21.59	240	304330	20.00	ng	0.00
87) Perylene-d12	24.73	264	350560	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	474976	139.95	ng	0.00
7) Phenol-d6	7.14	99	705631	146.08	ng	0.00
23) Nitrobenzene-d5	9.11	82	472875	103.00	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	292656	139.23	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	987513	101.91	ng	0.00
79) Terphenyl-d14	19.96	244	1301373	99.73	ng	0.00

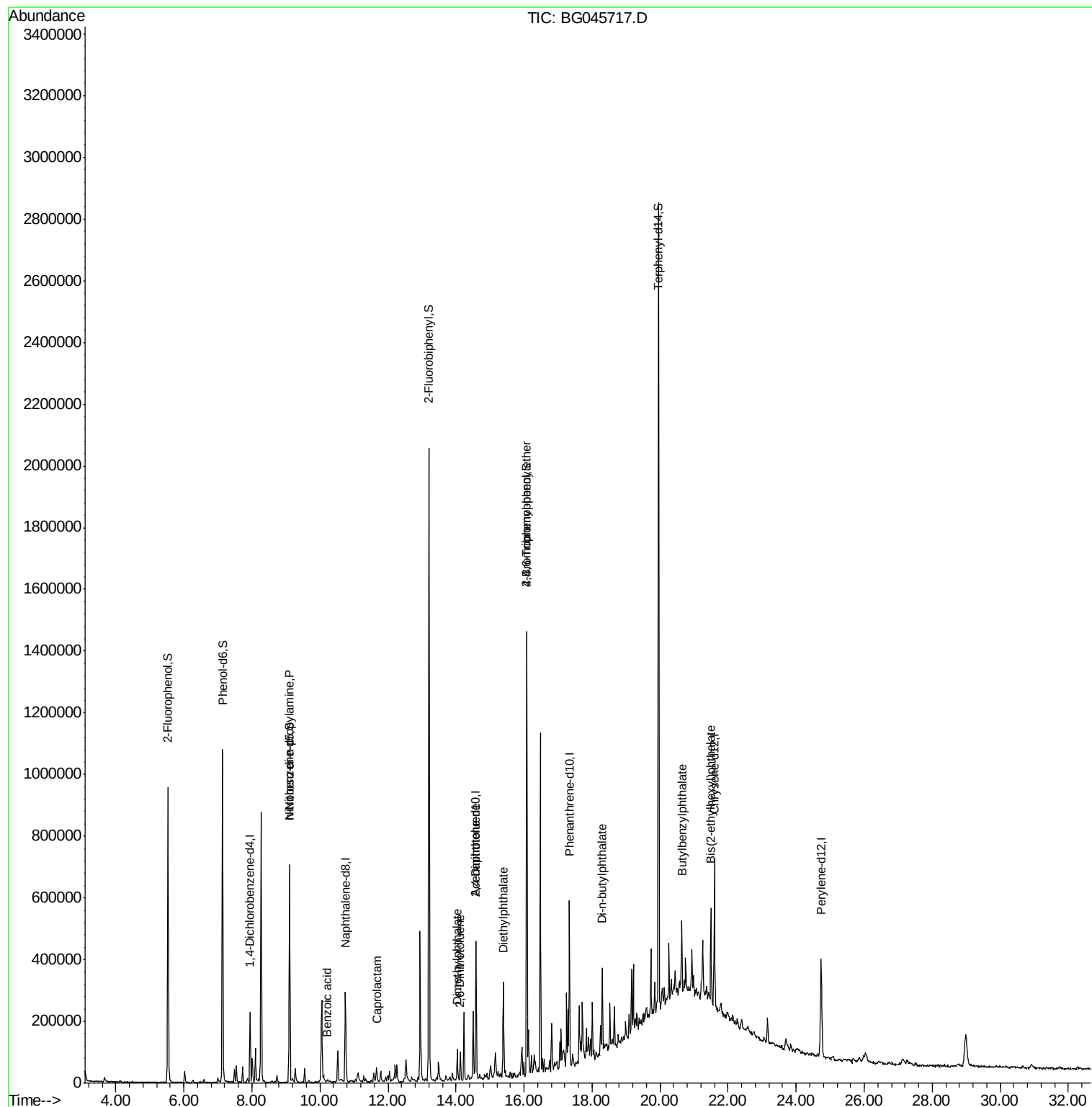
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.11	70	67525	20.215	ng	# 83
32) Benzoic acid	10.20	122	151	10.079	ng	90
35) Caprolactam	11.67	113	10732	7.933	ng	94
50) Dimethylphthalate	14.04	163	62421	5.536	ng	98
51) 2,6-Dinitrotoluene	14.13	165	14760	5.801	ng	# 25
57) 2,4-Dinitrotoluene	14.59	165	21882	5.939	ng	# 25
60) Diethylphthalate	15.40	149	53107	4.525	ng	99
67) 4-Bromophenyl-phenylether	16.08	248	19649	5.454	ng	# 1
74) Di-n-butylphthalate	18.30	149	203278	11.913	ng	98
80) Butylbenzylphthalate	20.64	149	71141	9.501	ng	94
84) Bis(2-ethylhexyl)phthalate	21.49	149	131816	12.806	ng	99

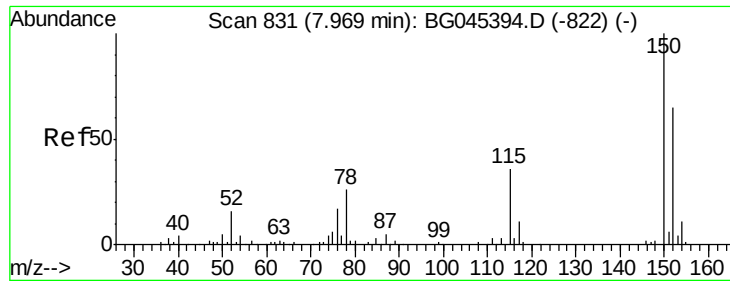
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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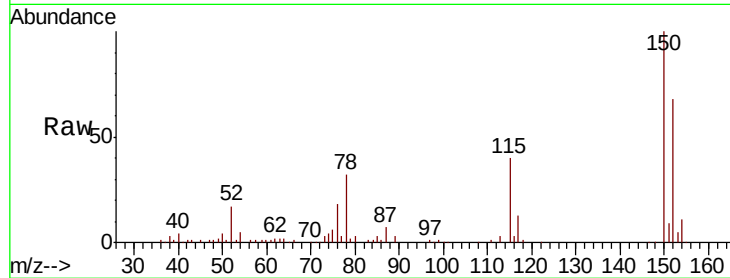


#1

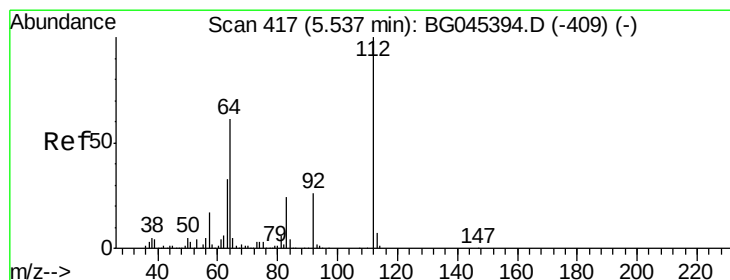
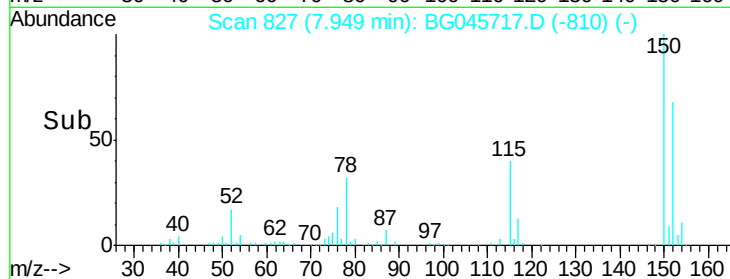
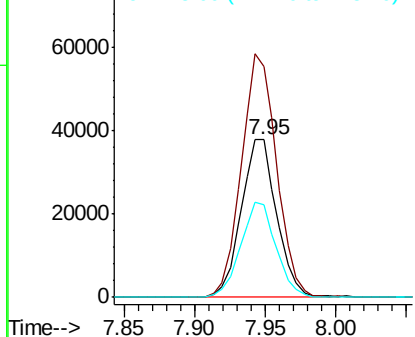
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
BASMENT-GRAY-WALL

Tot Ion:152 Resp: 66326
Ion Ratio Lower Upper
152 100
150 146.1 122.4 183.6
115 58.9 44.2 66.4



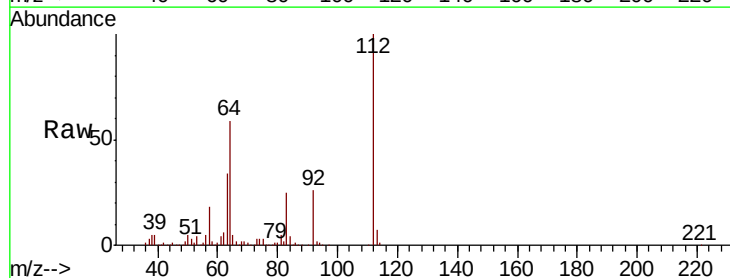
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



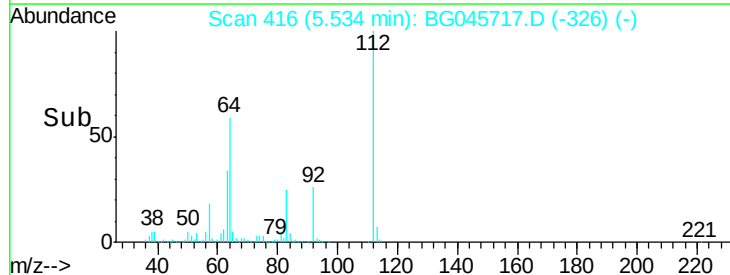
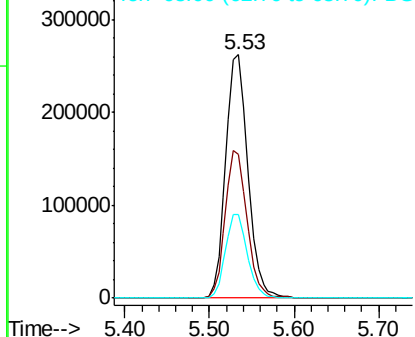
#5

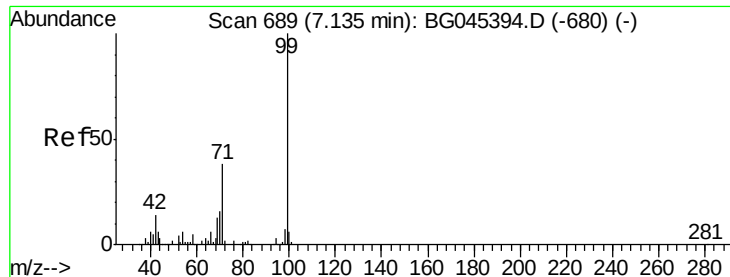
2-Fluorophenol
Concen: 139.952 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt Ion:112 Resp: 474976
Ion Ratio Lower Upper
112 100
64 59.2 48.6 72.8
63 34.1 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





#7

Phenol-d6

Concen: 146.079 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

BASMENT-GRAY-WALL

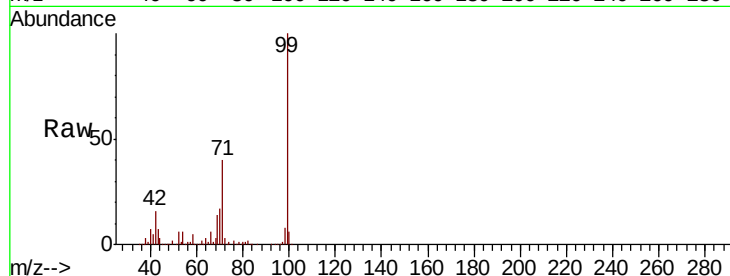
Tot Ion: 99 Resp: 705631

Ion Ratio Lower Upper

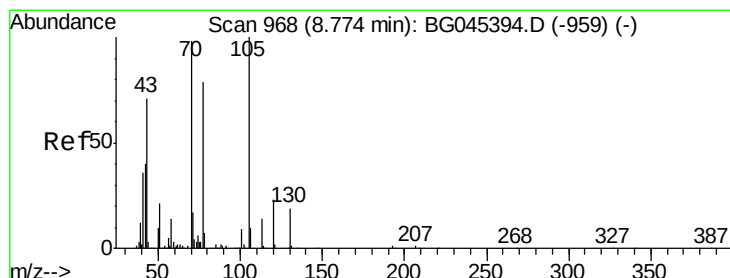
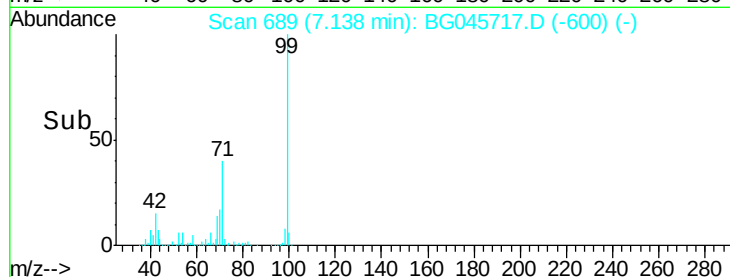
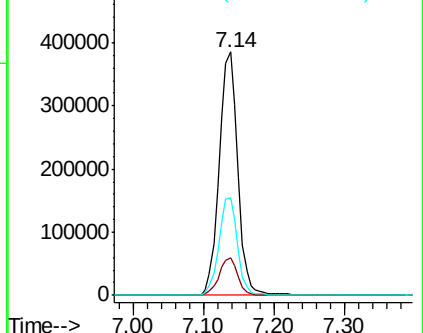
99 100

42 15.5 11.3 16.9

71 40.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 20.215 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Tgt Ion: 70 Resp: 67525

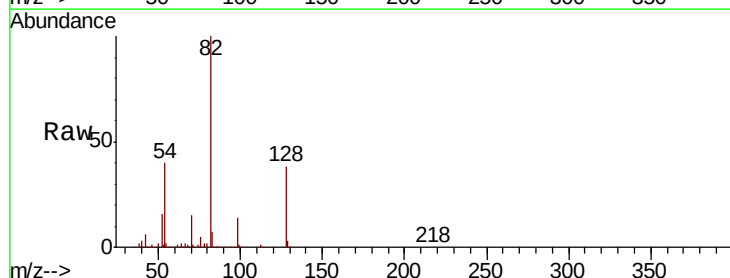
Ion Ratio Lower Upper

70 100

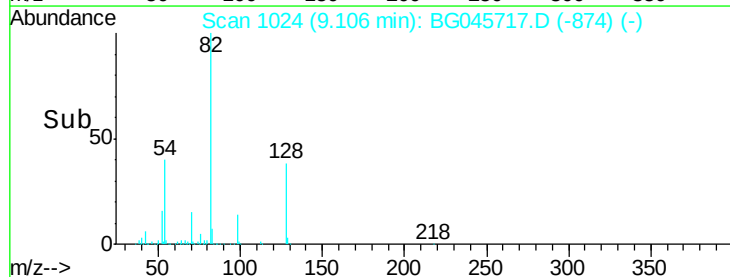
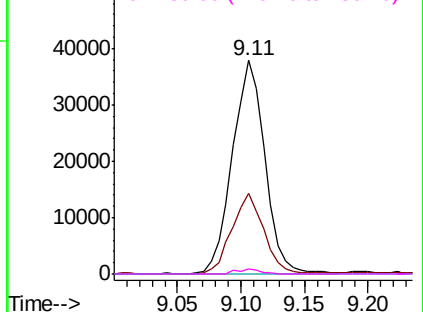
42 38.0 33.2 49.8

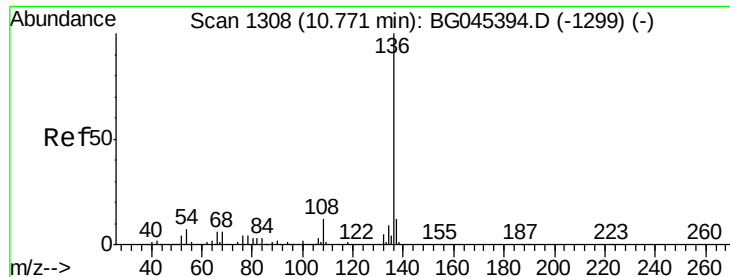
101 0.0 7.8 11.6#

130 2.4 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

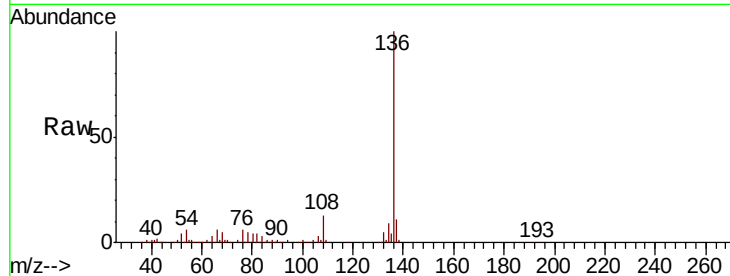




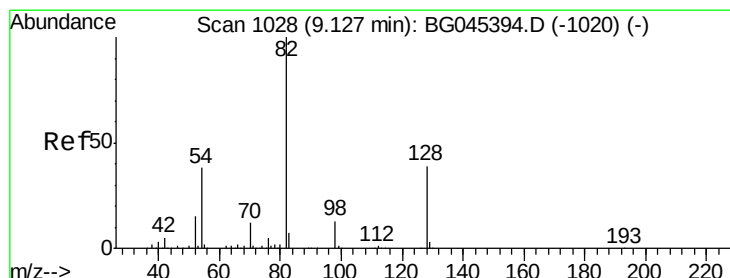
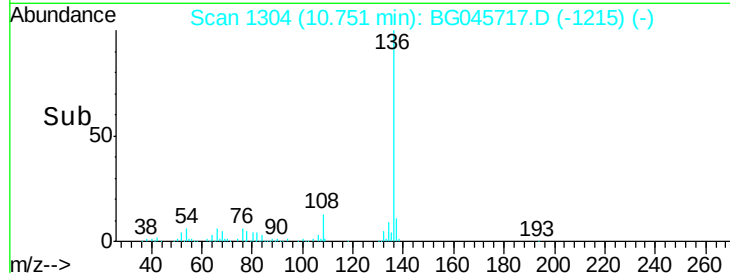
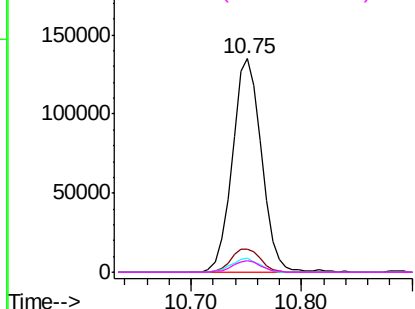
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
BASMENT-GRAY-WALL

Tot Ion:136	Resp: 250366
Ion Ratio	Lower Upper
136 100	
137 11.0	9.4 14.2
54 6.4	5.8 8.6
68 5.1	4.5 6.7

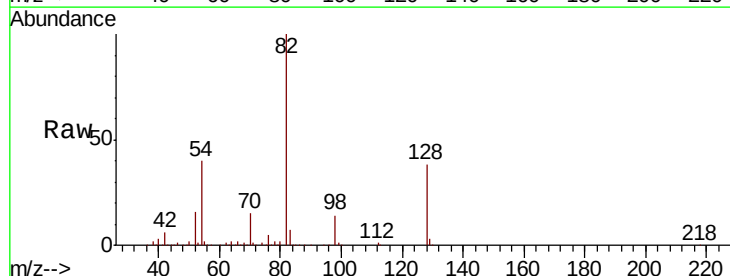


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

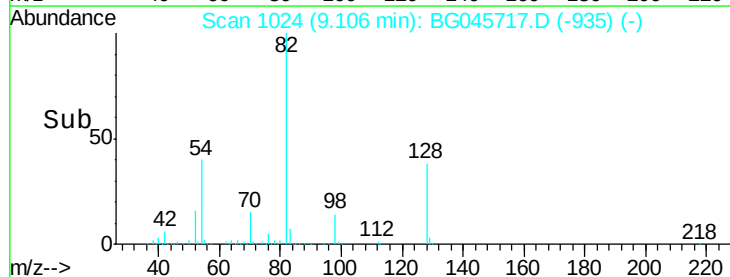
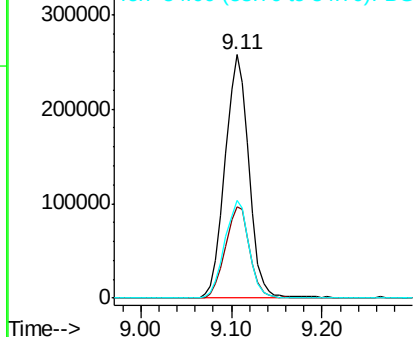


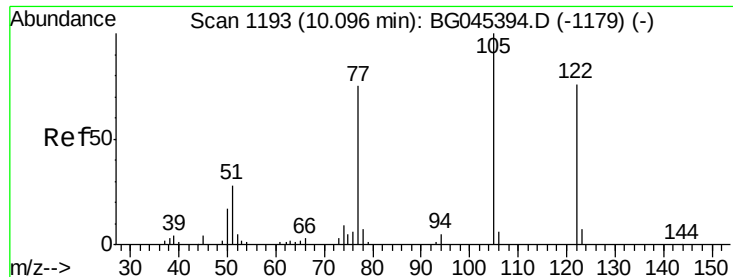
#23
Nitrobenzene-d5
Concen: 102.996 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt	Ion: 82	Resp:	472875
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.9	46.3
54	39.9	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

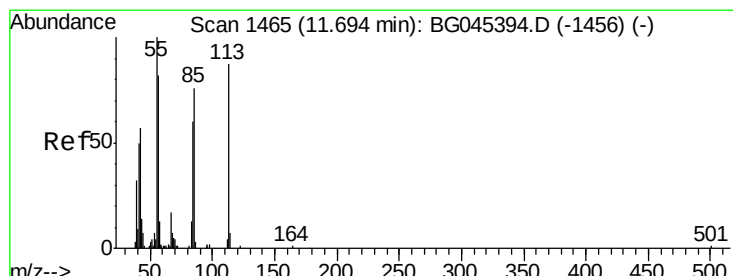
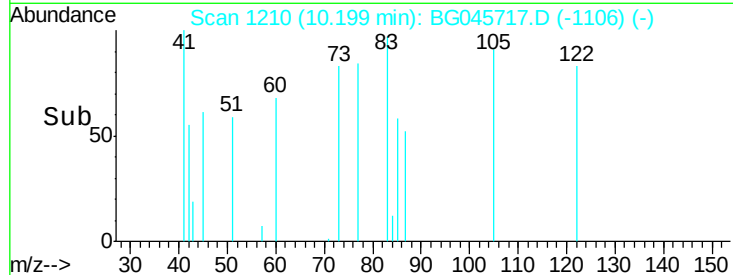
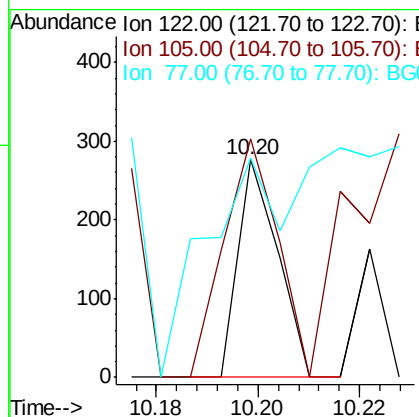
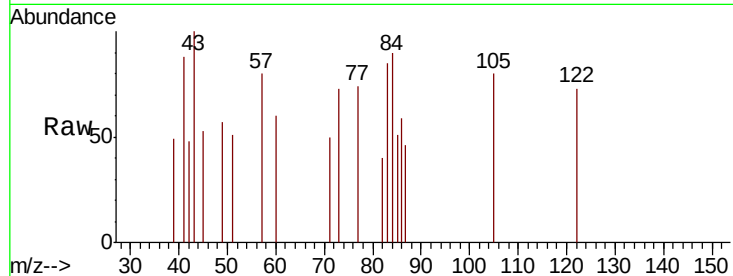




#32
Benzoic acid
Concen: 10.079 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.08 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

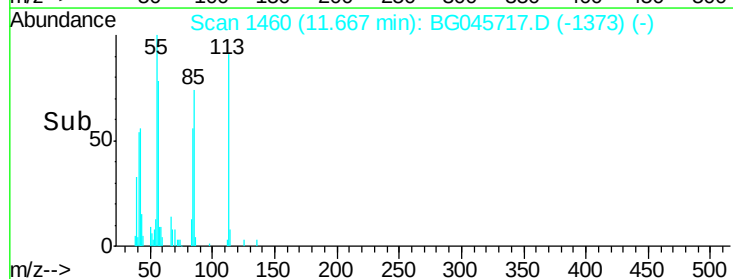
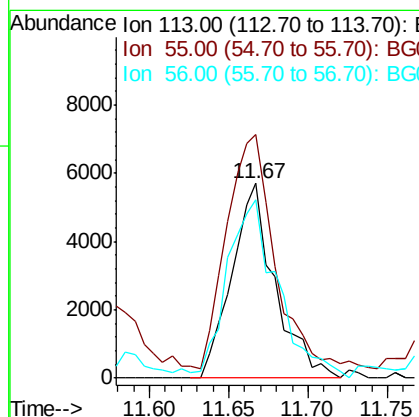
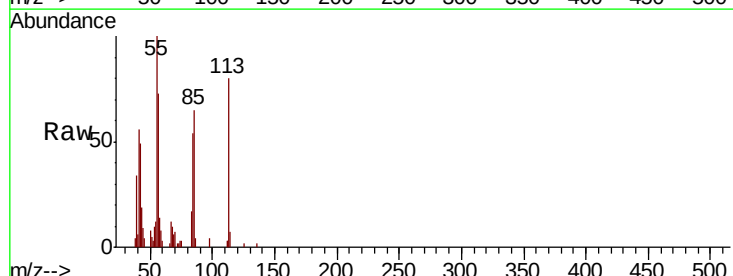
Instrument :
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ClientSampleId :
BASMENT-GRAY-WALL

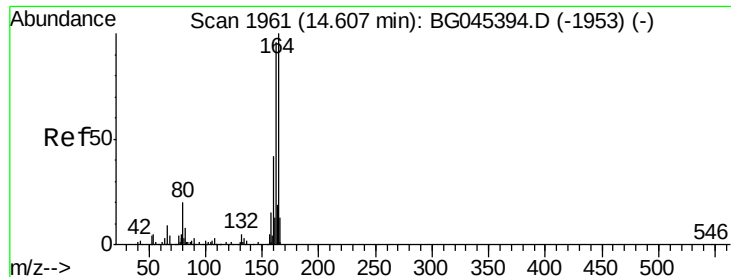
Tot Ion:	122	Resp:	151
Ion	Ratio	Lower	Upper
122	100		
105	109.4	107.9	147.9
77	100.7	78.9	118.9



#35
Caprolactam
Concen: 7.933 ng
RT: 11.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt Ion:	113	Resp:	10732
Ion	Ratio	Lower	Upper
113	100		
55	125.2	96.0	136.0
56	91.7	75.1	115.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

BASMENT-GRAY-WALL

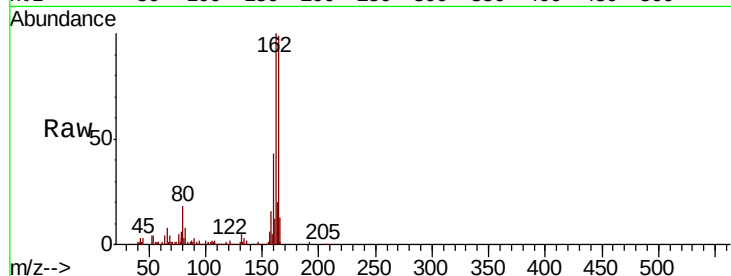
Tot Ion:164 Resp: 164360

Ion Ratio Lower Upper

164 100

162 101.2 76.9 115.3

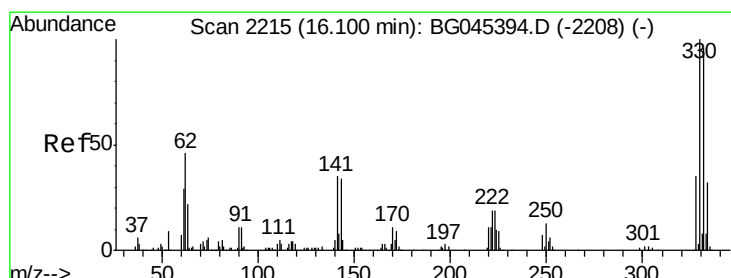
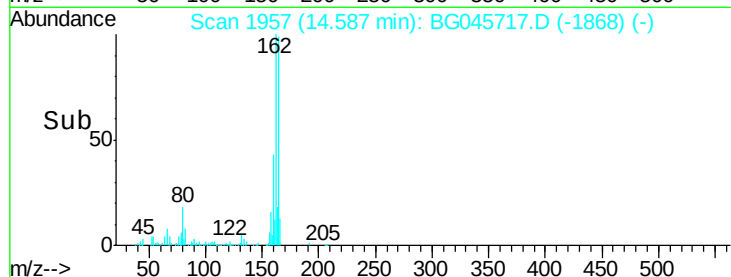
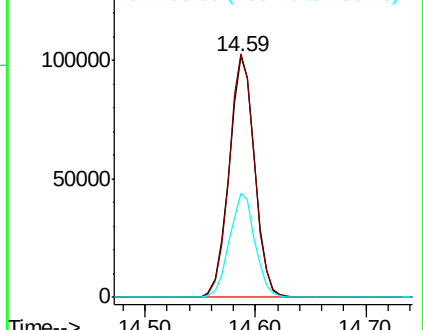
160 43.3 33.8 50.8



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: 139.229 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

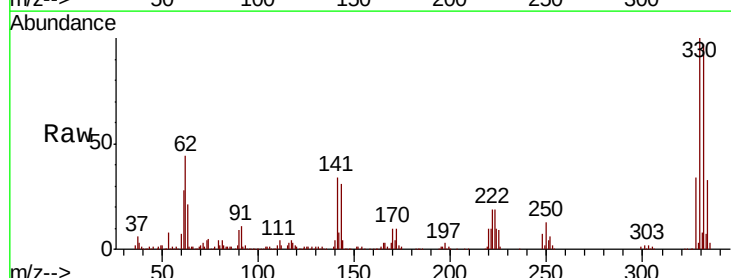
Tgt Ion:330 Resp: 292656

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

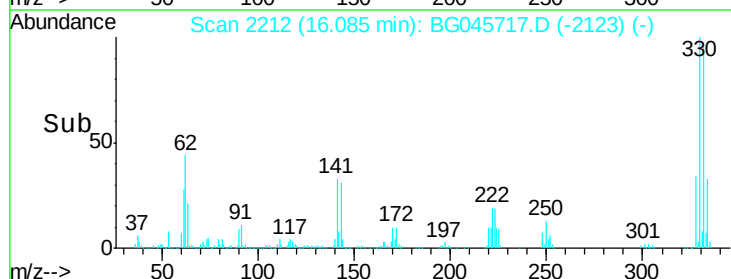
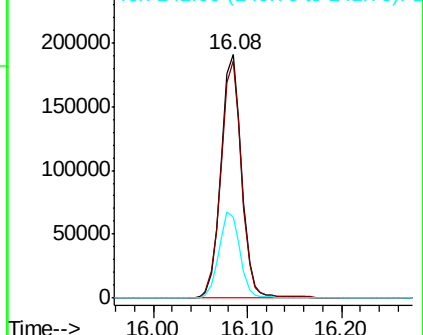
141 36.0 28.2 42.4

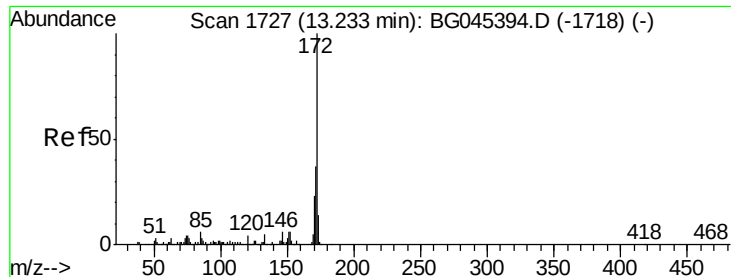


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

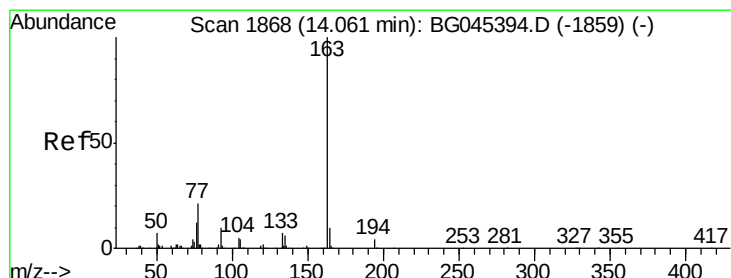
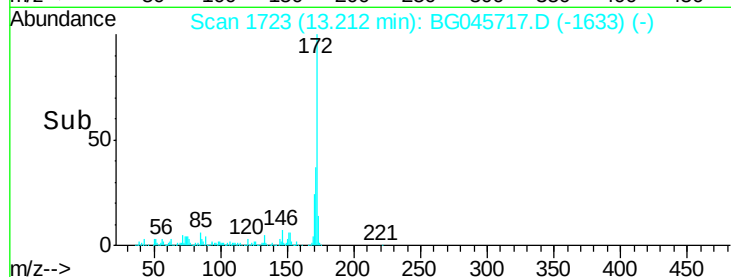
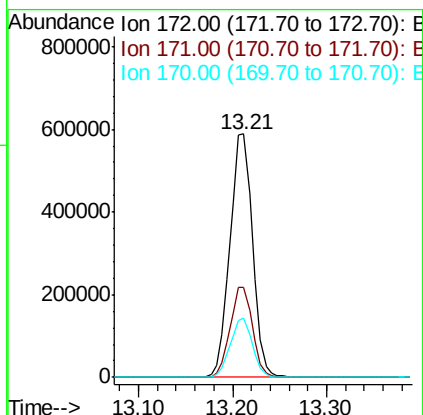
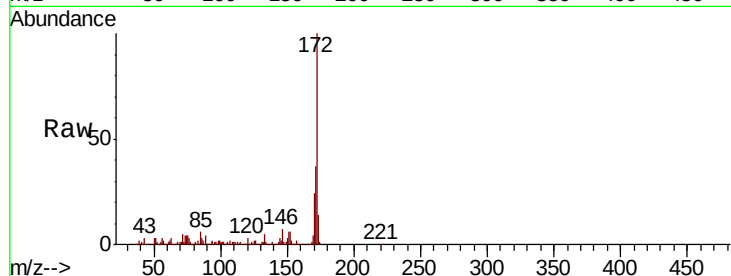




#45
2-Fluorobiphenyl
Concen: 101.912 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

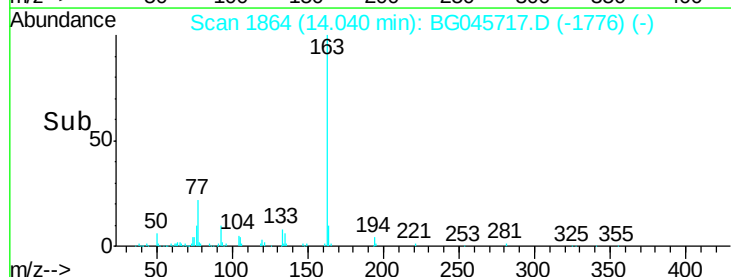
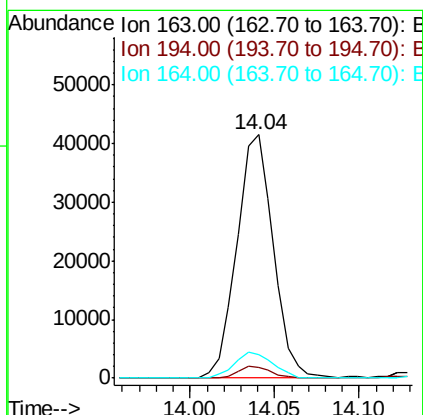
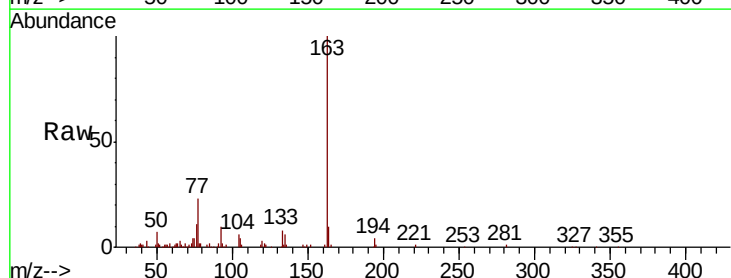
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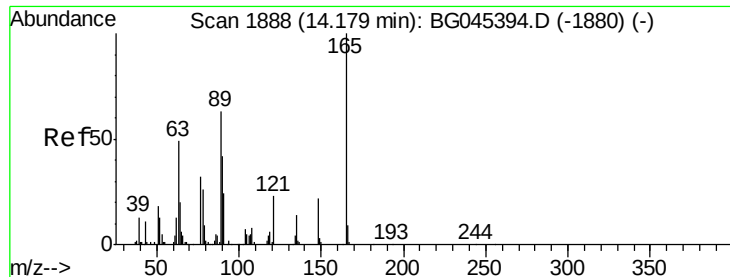
Tot Ion:172 Resp: 987513
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.5 18.5 27.7



#50
Dimethylphthalate
Concen: 5.536 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt Ion:163 Resp: 62421
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 5.801 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

BASMENT-GRAY-WALL

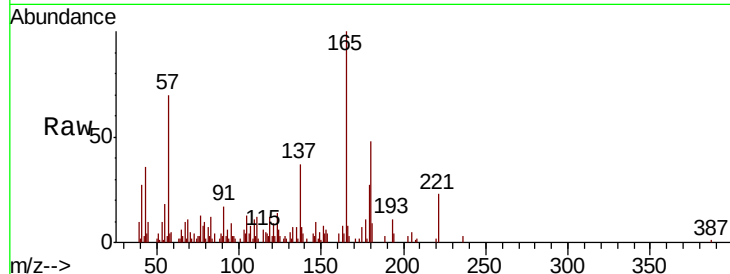
Tot Ion:165 Resp: 14760

Ion Ratio Lower Upper

165 100

63 2.4 45.0 67.4#

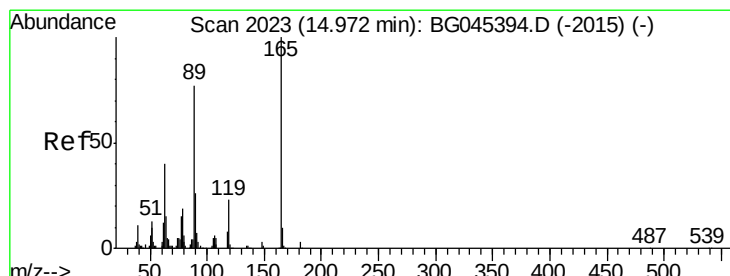
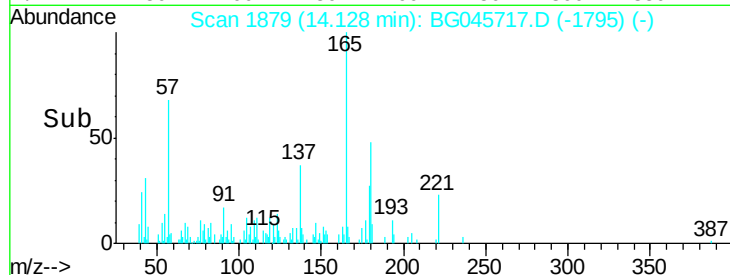
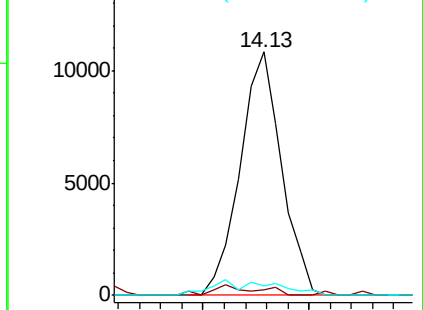
89 3.7 50.2 75.4#



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



#57

2,4-Dinitrotoluene

Concen: 5.939 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.37 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Tgt Ion:165 Resp: 21882

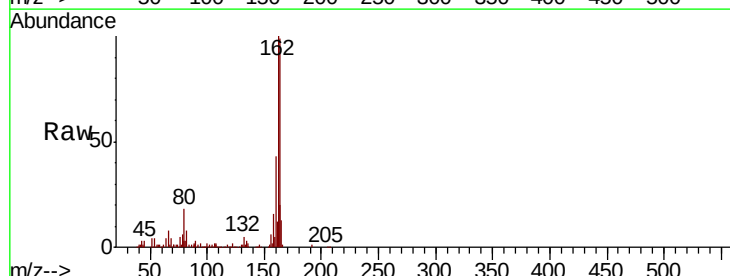
Ion Ratio Lower Upper

165 100

63 0.0 32.5 48.7#

89 5.7 61.8 92.6#

182 0.0 2.3 3.5#

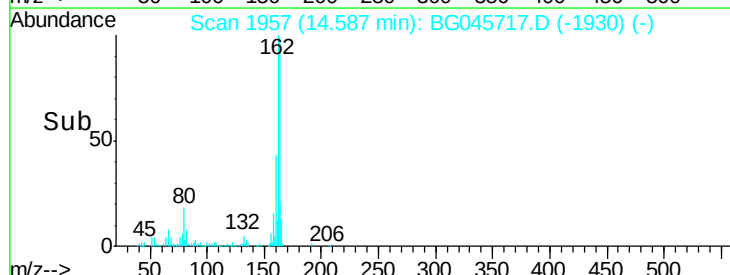
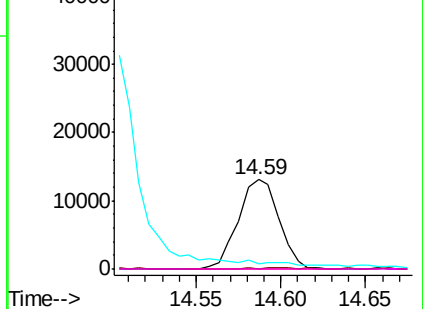


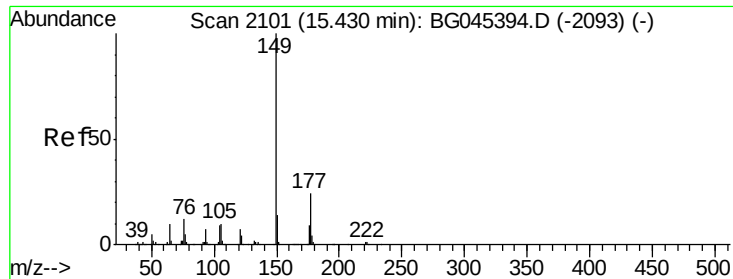
Abundance Ion 165.00 (164.70 to 165.70): E

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





#60

Diethylphthalate

Concen: 4.525 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

Instrument :

BNA_G

ClientSampleId :

BASMENT-GRAY-WALL

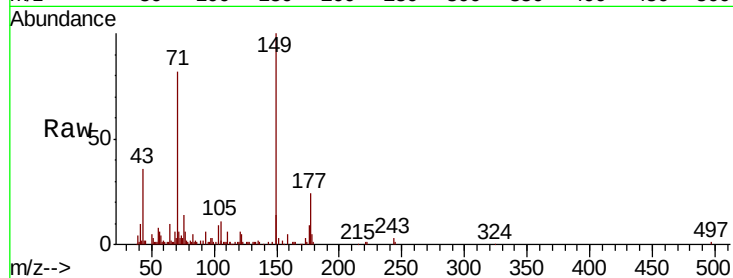
Tot Ion:149 Resp: 53107

Ion Ratio Lower Upper

149 100

177 24.0 19.0 28.4

150 13.6 11.4 17.0

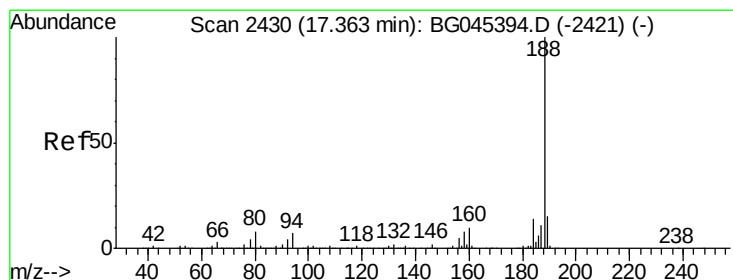
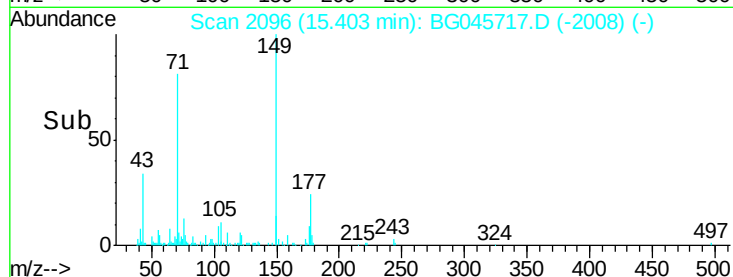
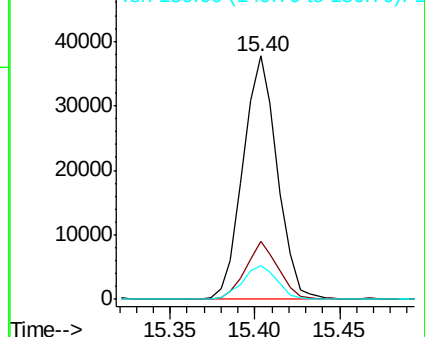


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045717.D

Acq: 11 Jun 2020 10:46

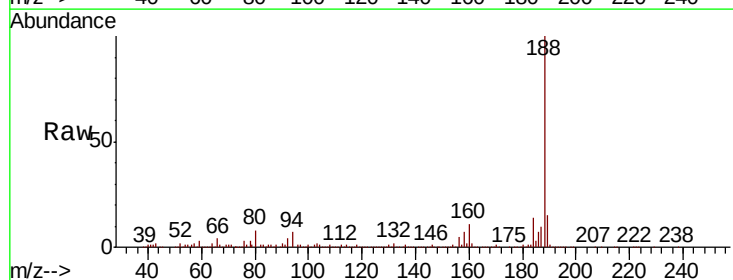
Tgt Ion:188 Resp: 332689

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

80 7.7 6.6 10.0

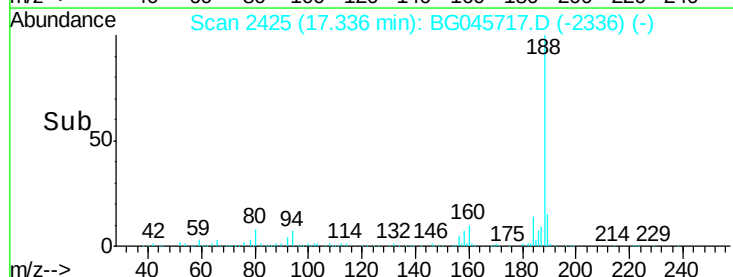
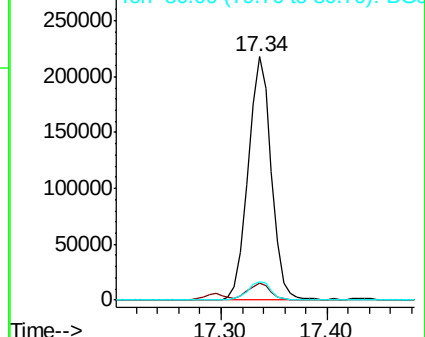


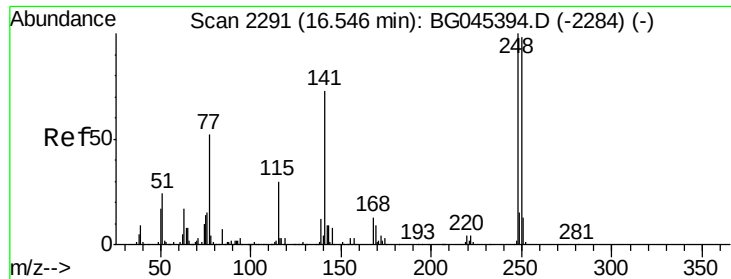
Abundance

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

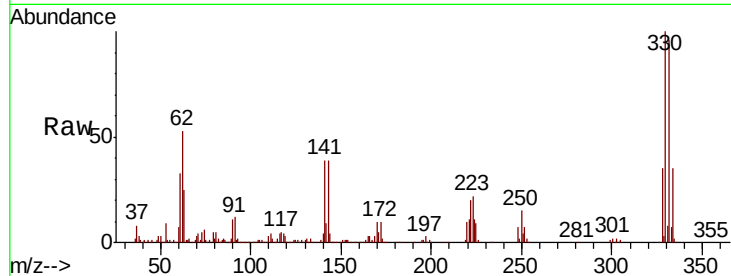




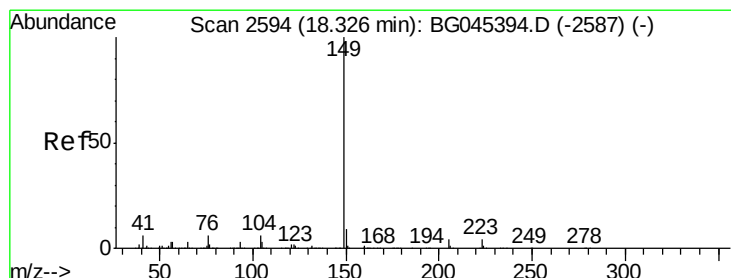
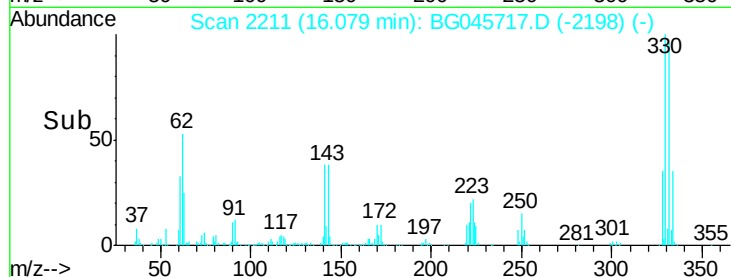
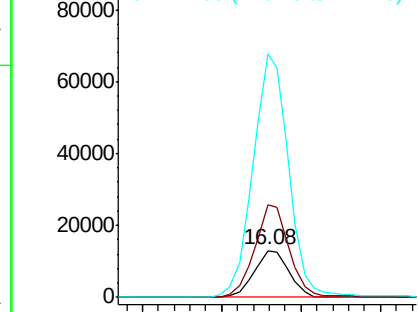
#67
 4-Bromophenyl-phenylether
 Concen: 5.454 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.46 min
 Lab File: BG045717.D
 Acq: 11 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 BASMENT-GRAY-WALL

Tot Ion:248 Resp: 19649
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.6 117.8#
 141 524.1 58.2 87.2#

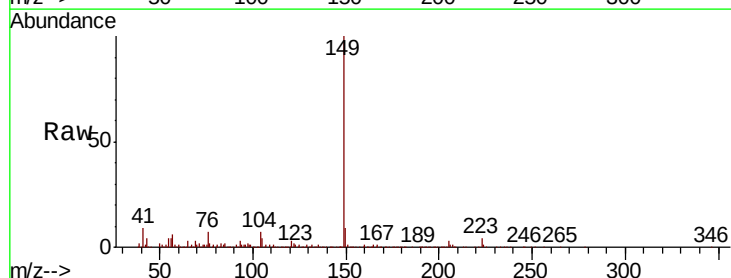


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

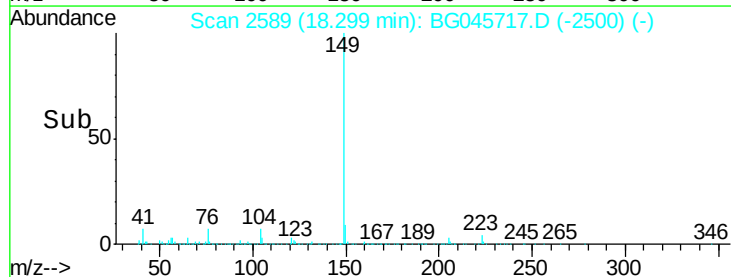
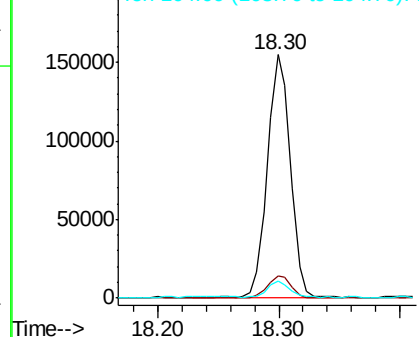


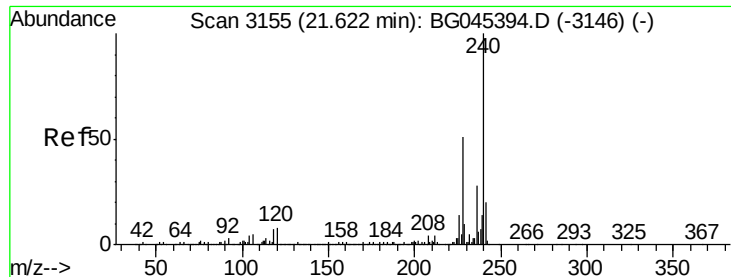
#74
 Di-n-butylphthalate
 Concen: 11.913 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG045717.D
 Acq: 11 Jun 2020 10:46

Tgt Ion:149 Resp: 203278
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 7.0 5.0 7.4



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

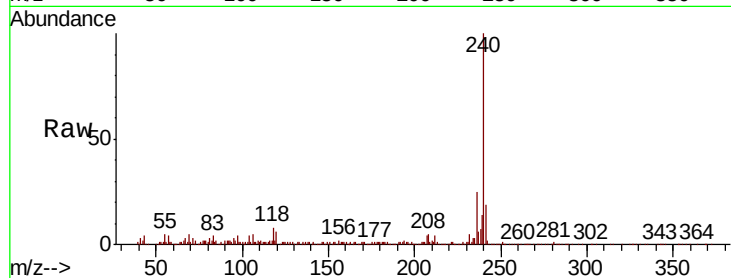




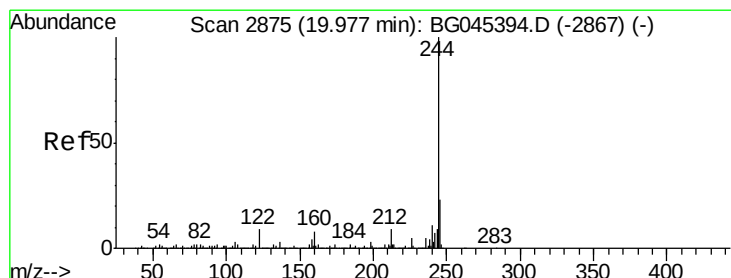
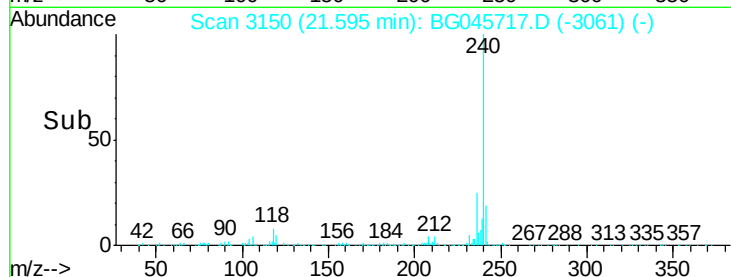
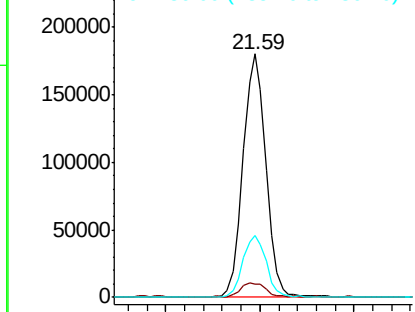
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Instrument :
BNA_G
ClientSampleId :
BASMENT-GRAY-WALL

Tot Ion:240 Resp: 304330
Ion Ratio Lower Upper
240 100
120 5.6 6.1 9.1#
236 25.4 22.3 33.5

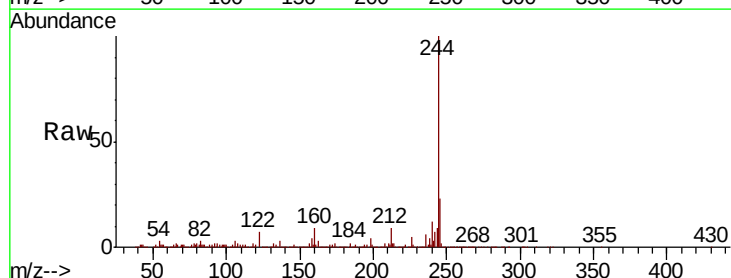


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

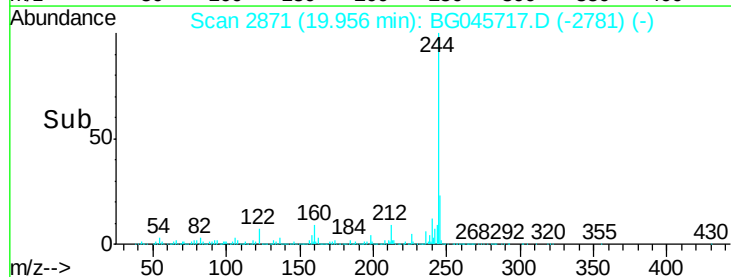
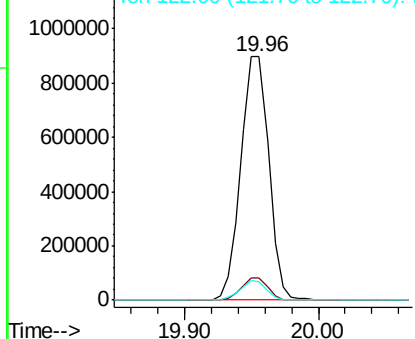


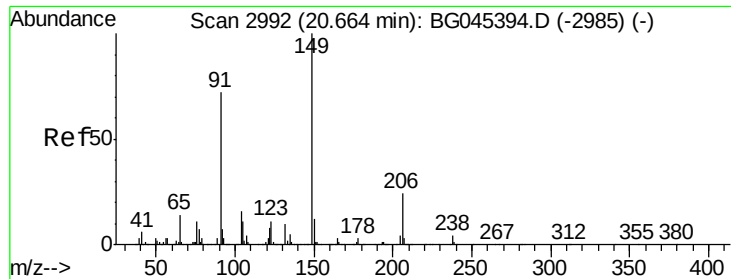
#79
Terphenyl-d14
Concen: 99.734 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt Ion:244 Resp: 1301373
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 7.5 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

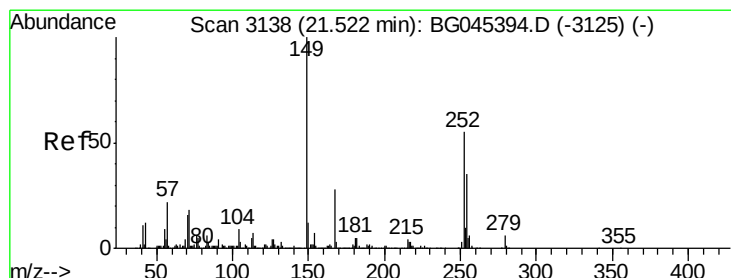
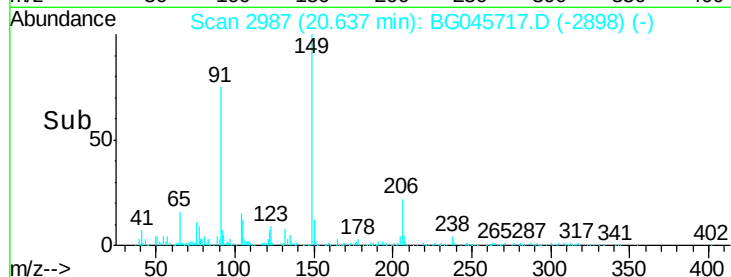
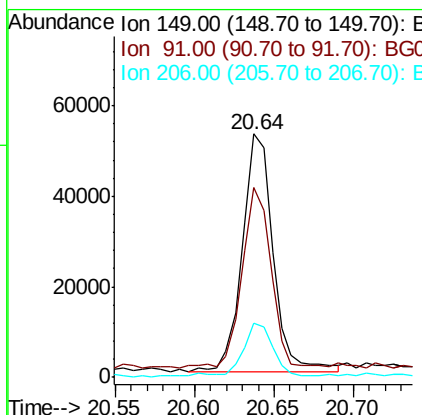
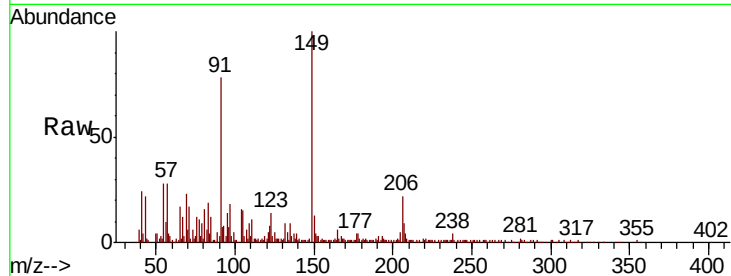




#80
Butylbenzylphthalate
Concen: 9.501 ng
RT: 20.64 min Scan# 2987
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

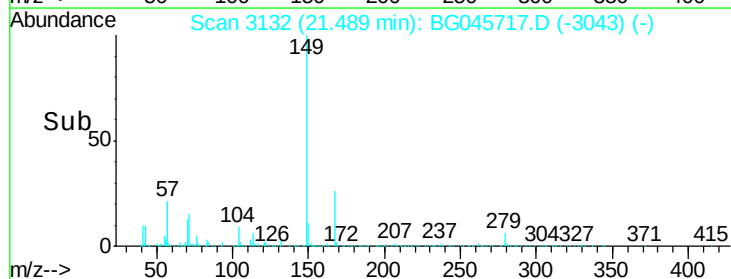
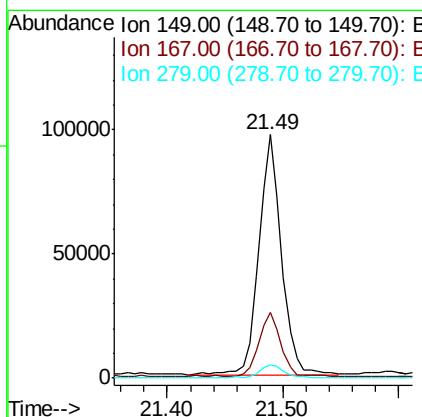
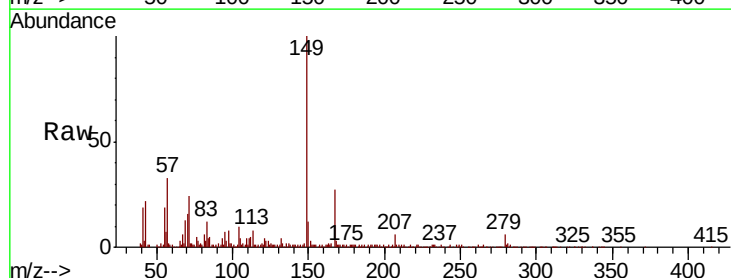
Instrument :
BNA_G
ClientSampleId :
BASMENT-GRAY-WALL

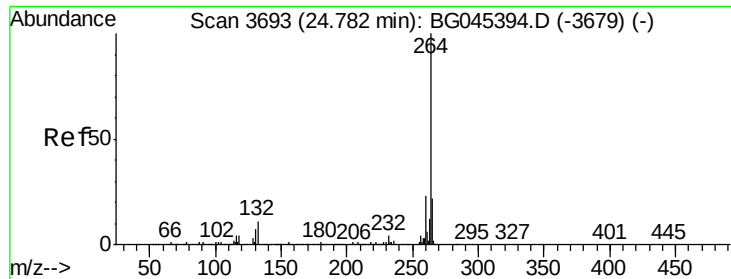
Tot Ion:149 Resp: 71141
Ion Ratio Lower Upper
149 100
91 78.0 57.8 86.6
206 22.3 19.1 28.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.806 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG045717.D
Acq: 11 Jun 2020 10:46

Tgt Ion:149 Resp: 131816
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.2
279 5.6 4.7 7.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.73 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG045717.D
 Acq: 11 Jun 2020 10:46

Instrument :
 BNA_G
 ClientSampleId :
 BASMENT-GRAY-WALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.2	17.6	26.4

